

CONSOLIDATED OIL & GAS #3-11 490
NAVAJO NE SW 3-41N-28E Apache Cou

P-W

COUNTY Apache AREA 25 mi/Shiprock, NM LEASE NO. Nav #7 14 20 603-226
 WELL NAME Merrion Oil & Gas Corp Consolidated Oil & Gas #3 Navajo Merrion & Bayless 8-30-82
 LOCATION NE SW SEC 3 TWP 41N RANGE 28E FOOTAGE 1980' ESL 1915' FWL
 ELEV 5331' GR 5343' KB SPUD DATE 3-17-69 ST Oil Completed 7/74 TOTAL DEPTH 5706'
 COMP. DATE 5-7-69
 CONTRACTOR Arapahoe Drilling Company, Farmington, NM

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
8 5/8"	323'	200 SKS	NA	<input checked="" type="checkbox"/>			
5 1/2"	5718'	658 SKS				4615-21	

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Coconino	Surface	1848'	X	Converted to water
Hermosa	3805'			strip out well
Desert Creek	4612-4638'			
Akah	4760-4793'			
Lower Akah	5228-5253'			Never put on injection
Lower Paradox	5675-5702'			
Mississippian				See EOB Water Disposal Project File
				* Patched by Central Resources 11-87

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Cement Bond-2; Temperature Survey -2	5588-5601		Am Strat D-3195
Dual Induction-2; MLL-3;	5588-5601		SAMPLE DESCRP.
FDC-2; BHC-GR-2; SNP-2	5649-55; 5659-67; 5685-5706		SAMPLE NO. 1470*
Movable Oil Plot-2;	4615-4622, 4778-4782		CORE ANALYSIS 5-8-69
Perforating Depth Control-2	4810-4812' (Cem. Off)		DSTs
			*2560

REMARKS *Consolidated sold its interest to Merrion & Bayless 8-1-74 APP. TO PLUG
 Well # 22,69,490,514 & 518. (25 BOPD - no gas) 11-74 re-comp. as PLUGGING REP.
 SWD in Miss. Workover began 8-30-69, completed 9-26-69. No new Form 4 required. Logs from 8-30 to 9-26 suffice for Form 25. COMP. REPORT

WATER WELL ACCEPTED BY
 BOND CO. United States Fidelity & Guaranty Frontier Ins. Co. BOND NO. 010130-972-74 91372
 BOND AMT. \$ 25,000 CANCELLED 6-9-87 12/1/87 DATE 1-19-68 ORGANIZATION REPORT
 FILING RECEIPT 9571 LOC. PLAT WELL BOOK PLAT BOOK
 API NO. 02-001-20095 DATE ISSUED 3-19-69 DEDICATION E/2 SW/4

PERMIT NUMBER 490

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM 5; Well File 1; Land 1; Acct 2
FOR APPROVED
OMB NO. 1004-0137
Expires December 31, 1991

SUBMIT IN DUPLICATE
(See instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER REPAIR PLUG BACK DIFF. CEM. Other _____

3. NAME OF OPERATOR
Merrion Oil & Gas Corporation

4. ADDRESS AND TELEPHONE NO.
P. O. Box 840, Farmington, NM 87499 505/327-9801

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FSL & 1915' PWL NESW
At top prod. interval reported below
At total depth

6. LEASE DESIGNATION AND SERIAL NO.
14-20-603-226

7. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME, WELL NO.
Navajo 3-11

10. API WELL NO.
permit 490

11. FIELD AND POOL OR WILDCAT
East Boundary Butte

12. SEC. T. R. M. ON BLOCK AND SURVEY OR AREA
Sec 3, T41N, R28E

13. PERMIT NO. _____ DATE ISSUED _____
14. COUNTY OR PARISH Apache 15. STATE AZ

16. DATE OPENED 3/17/69 17. DATE T.D. REACHED 4/8/69 18. DATE COMPL. (Ready to prod.) 11/15/91 19. ELEVATIONS (IN FEET, BY GR. ETC.) 5331' GR 5343' KB 20. ELEV. CASINGHEAD 5331'

21. TOTAL DEPTH, MD & TVD 5706' 22. FLOO. BACK T.D. MD & TVD 5680' 23. IF MULTIPLE COMPLEMENTS, HOW MANY? _____ 24. INTERVALS DRILLED BY _____ 25. ROTARY TOOLS _____ 26. CABLE TOOLS _____

27. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Leadville 5650' - 5666' 28. WAS DIRECTIONAL SURVEY MADE? No

29. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray 5680' - 5300' 30. WAS WELL CORED? No

31. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTED RECORD	AMOUNT FILLED
8-5/8"	24#	323'	12-1/4"	Surface	
5-1/2"	14#	5387'	7-7/8"	1790'	
5-1/2"	15.5#	5708'	7-7/8"	4600'	

32. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	3499'	5642'

33. PREPARATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5540' - 5588' - 5599' - 5623' - 5654' - 5666'	
5545' - 5591' - 5600' - 5625' - 5656'	
5548' - 5594' - 5601' - 5627' - 5660'	4" 1 SPF
5555' - 5597' - 5604' - 5650' - 5662'	total 26
5564' - 5598' - 5612' - 5652' - 5664'	

34. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or (ABT))
11/1/91	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
11-15-91	24			10	258	305	25,800

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)
110	110		5	258	305	

35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
flared TEST WITNESSED BY Carl Merilatt ACCEPTED FOR RECORD

36. LIST OF ATTACHMENTS

37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.
SIGNED George F. Shante TITLE Engineer DATE 11/22/91

*(See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MERRION OIL AND GAS CORP.
WELLBORE SCHEMATIC

NAVAJO #3-11

1980' FSL & 1915' FWL, SEC. 3, T41N, R28E
APACHE COUNTY, ARIZONA

ENG: S.S. DUNN DRFT: S.R.V.
DATE: 6-23-92

TUBING

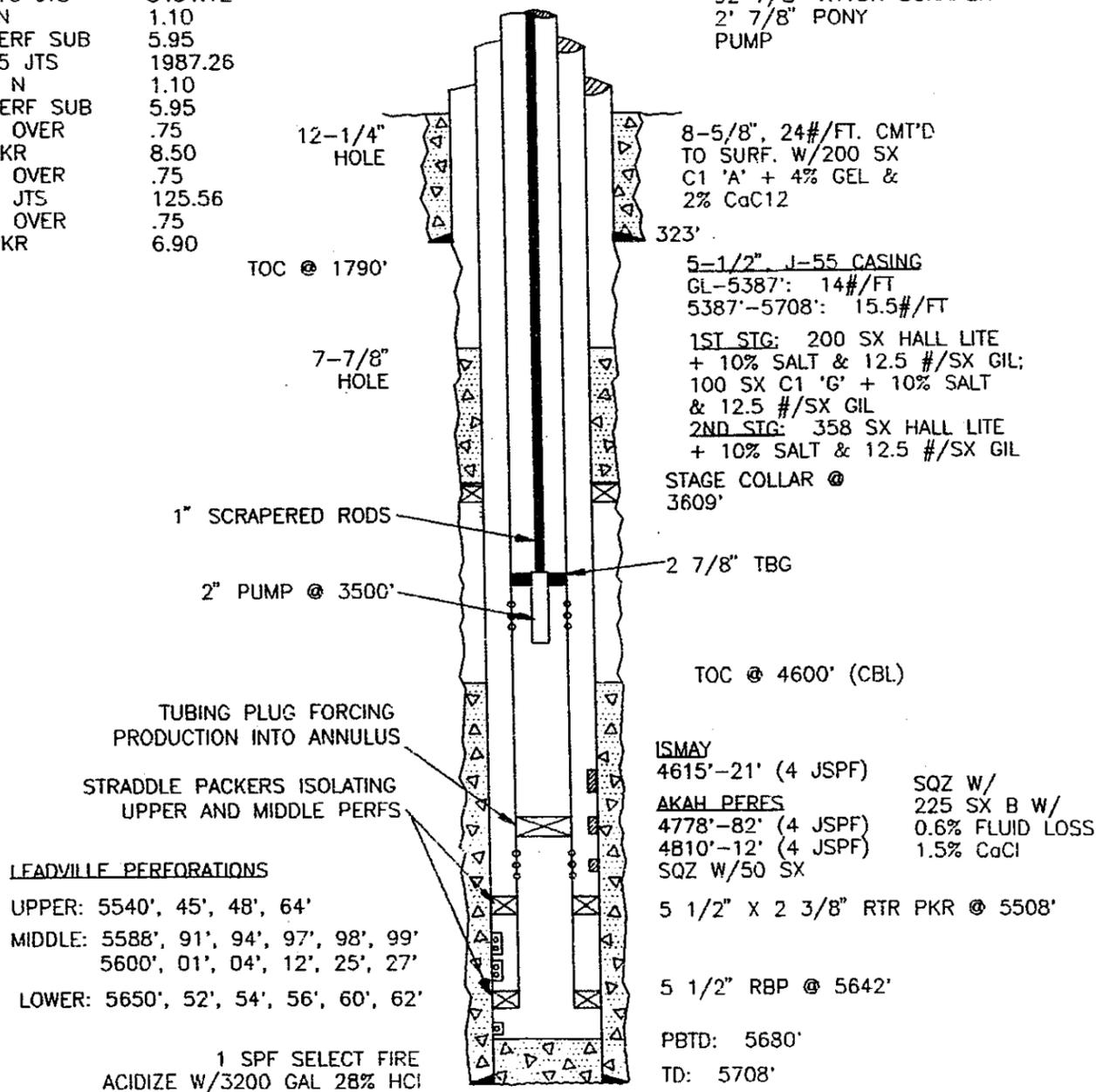
1 JT	31.14
TUBING SUBS	20.20
110 JTS	3434.12
SN	1.10
PERF SUB	5.95
65 JTS	1987.26
7 N	1.10
PERF SUB	5.95
X OVER	.75
PKR	8.50
X OVER	.75
4 JTS	125.56
X OVER	.75
PKR	6.90

ELEVATION

GL: 5588'
KB: 5593'

RODS

2-6', 4' PONY 1"
46-1" RYTON SCRAPER
92 7/8" RYTON SCRAPER
2' 7/8" PONY
PUMP



**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

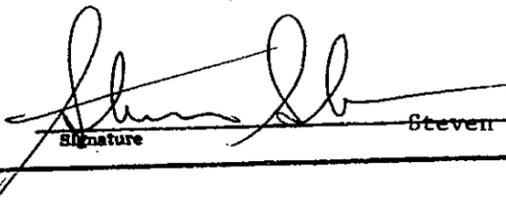
NAVAJO #3-11

Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo 14-20-603-226	Field East Boundary Butte	Reservoir Paradox
Survey or Sec-Twp-Rge Section 3, T41N, R28E	County Apache	State Arizona
Operator Merrion Oil & Gas Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 840	City Farmington	State New Mexico 87499
Above named operator authorizes (name of transporter) Giant Refining Company		
Transporter's street address P. O. Box 12999	City Scottsdale	State Arizona 85267
Field address Red Mesa, Arizona		
Oil, condensate, gas well gas, casinghead gas		
To transport	100	% of the oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Western Gas Resources	100	Gas

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Operation Manager of the Merrion Oil & Gas Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

9/15/95
Date

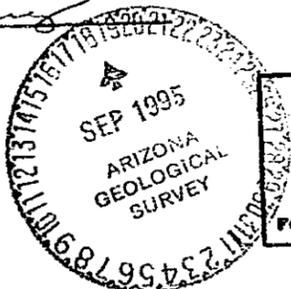

Signature Steven S. Dunn

Date approved: 9-18-95

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: Steven L. Rainey

Permit No. 490



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 8

Distribution:
 0+4 (BLM-Farmington, NM)
 1 - (Arizona Oil & Gas)
 1 - (BIA-Window Rock, AZ)

Form 3160-5
 (June 1990)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different location. Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-226
2. Name of Operator Merrion Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name Navajo Tribe
3. Address and Telephone No. P.O. Box 840, Farmington, New Mexico 87499 (505) 327-9801	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1915' FWL Section 3, T41N, R28E	8. Well Name and No. Navajo-3-11
	9. API Well No. 02-001-20095
	10. Field and Pool, or Exploratory Area East Boundary Butte
	11. County or Parish, State Apache, Arizona

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We request your approval for a temporary permit to transport water from the subject well to the Navajo No. 3 disposal well on Lease No. 14-20-603-413. The water is being transported through a 3" water line, as it has been for many years. Unfortunately, we recently discovered that a right-of-way was never filed on the line. A right-of-way application has been filed to replace the old water line with a new 3" plastic line. We need the temporary permit to continue to use our current line until the new line can be approved and installed.

APPROVED

JAN 22 1993

[Signature]
 AREA MANAGER

14. I hereby certify that the foregoing is true and correct

Signed *[Signature]* Title Reservoir Engineer Date 1/18/93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

Navajo 3-11

Federal, State or Indian Lease Number. or lessor's name if fee lease Navajo 14-20-603-226	Field East Boundary Butte	Reservoir Leadville
Survey or Sec-Twp-Rge Section 3, T41N, R28E	County Apache	State Arizona
Operator Merrion Oil & Gas Corporation		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 840	City Farmington	State New Mexico 87499
Above named operator authorizes (name of transporter) Meridian Oil, Inc.		
Transporter's street address P. O. Box 4289	City Farmington	State New Mexico 87499
Field address Red Mesa, Arizona		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the	oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer Western Gas Resources	% transported 100	Product transported Gas
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. Effective 8/92 Designation of gatherer for old lease.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Merrion Oil & Gas Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

October 28, 1992

Date

T. Greg Merrion
Signature T. Greg Merrion

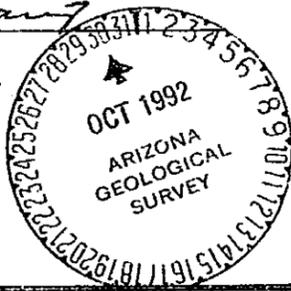
Date approved: 10-30-92

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: Steven L. Rainey

Permit No. 490

DISTRIBUTION: 0+1 (AOGCC)
1 (Well File)



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies

Form No. 8

Distribution

0+4 (BLM-Farmington); 1 (Well File)
1 (Ariz Oil & Gas)
1 (BIA-Window Rock, AZ)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: Oil Well
2. Name of Operator: Merrion Oil & Gas Corporation
3. Address and Telephone No.: P. O. Box 840, Farmington, New Mexico 87499
4. Location of Well: 1980' FSL & 1915' FWL Section 3, T41N, R28E
5. Lease Designation and Serial No.: 14-20-603-226
6. If Indian, Allottee or Tribe Name: Navajo Tribe
7. If Unit or CA, Agreement Designation
8. Well Name and No.: Navajo 3-11
9. API Well No.: 02-001-20095
10. Field and Prod. or Exploratory Area: East Boundary Butte
11. County or Parish, State: Apache, Arizona

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: Subsequent Report
TYPE OF ACTION: Other Fall pkr & commingle

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pull packer and commingle Leadville perforations.

7/10/92 MIRU Ram Rig No. 1 on 7/10/92. Check casing and tubing press - 1300 psi. Shoot fluid level. Bled well off. Unseat pump. Hot water rods with 30 bbls water at 220". Tried to press test - no press. Found hole in pump. TOOH with rods and pump. ND WH, NU BOP. Rel packers. TOOH with tubing and packers.

7/13/92 Check press - 40 psi. TIH with 2-7/8" production string. Check TD, tagged at 5678'. Pulled up and land tubing with seating nipple at 3475.47'. Bottom of tubing at 5660.13' with total of 182 joints. ND BOP, NU WH. Rig up to run rods, pick up new pump. TIH with pump and rods. Space out pump. Check pump action - OK. Rig down and move off location 7/13/92. (waiting for test and gas sales line.)



14. I hereby certify that the foregoing is true and correct
Signed: [Signature] Title: Operations Tech Date: 7/15/92

Approved by: _____ Title: _____ Date: _____
Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Distribution
 0+4 (BLM-Farmington); 1 (D&GCD); 1-BIA (Window Rock, AZ)
 Form 160-5 Well File
 (June 1990)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993

5. Lease Designation and Serial No.
 14-20-603-226

6. If Indian, Allottee or Tribe Name
 Navajo Tribe

7. If Unit or CA, Agreement Designation

8. Well Name and No. *Permit # 490*
 Navajo 3-11

9. API Well No.

10. Field and Pool, or Exploratory Area
 East Boundary Butte

11. County or Parish, State
 Apache, Arizona

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Merrion Oil & Gas Corporation

3. Address and Telephone No.
 P. O. Box 840, Farmington, New Mexico 87499

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1980' FSL & 1915' FWL
 Section 3, T41N, R28E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Alarming Casing
	<input type="checkbox"/> Other <u>See below</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached for your review is a procedure to pull the packers and commingle all the Leadville perforations in the Navajo 3-11.



14. I hereby certify that the foregoing is true and correct

Signed *W. J. Shupe* Title Petroleum Engineer Date 6/22/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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*See instruction on Reverse Side

Merrion Oil & Gas Corporation Workover Procedure

Remove casing packers and commingle leadville production

Well Name: Navajo No. 3-11 *P/N 490* Prepared By: Steve Dunn
Location: 1980'fsl & 1915'fwi (NESW) Elevations: 5331'GL
Sec 3, T41N, R28E 5343'KB
Apache County, Arizona Date: 6/22/92



Procedure

1. Measure shut in surface pressures and shoot fluid level.
2. Miru Ram Rig #1. Measure shut-in pressures. Blow down tubing/casing to tank.
3. Unset 2" rod pump at 3,498' KB. Hot oil tubing if necessary. POH with 46 each 1" ryton scraped rods, and 92 each 7/8" ryton scraped rods.
4. Nipple up BOPs.
5. Unset 5 1/2" X 2 7/8" retrievable casing packer at 5642' KB. (see well bore schematic attached).
6. POH w/ 2 each RCPs and 2 7/8" eue tubing. Tally out of hole.
7. Lay down F nipple with plug, 6' perf sub on bottom and 5 1/2" X 2 7/8" RCPs, made-up to 4 joints of 2 7/8" tubing.
8. PU enough additional 2 7/8" tubing to tag bottom. Pull up and place the tubing bottom at the bottom perf, $\pm 5,662'$ KB. Re-run 2 7/8" tubing string with seating nipple and 6' perf sub in string at 3,498'.
9. Land tubing in wellhead. ND BOPs. Rig up to run DH pump and rods.
10. Pickup 2" RHAC rod pump and the same rod string. RIH. PU 22' X 1 1/4" polished rod and ponies as necessary. Seat pump in SN @ 3,498'KB.
15. Space out BHP and hang off. RDMO.

Materials & Services

1. 2 7/8" eue 6.5lb/ft J-55 used tubing...yellow band for makeup to reach bottom perf.

MERRION OIL AND GAS CORP.
WELLBORE SCHEMATIC

NAVAJO #3-11

1980' FSL & 1915' FWL, SEC. 3, T41N, R28E
APACHE COUNTY, ARIZONA

ENG: S.S. DUNN DRFT: S.R.V.
DATE: 6-23-92



TUBING

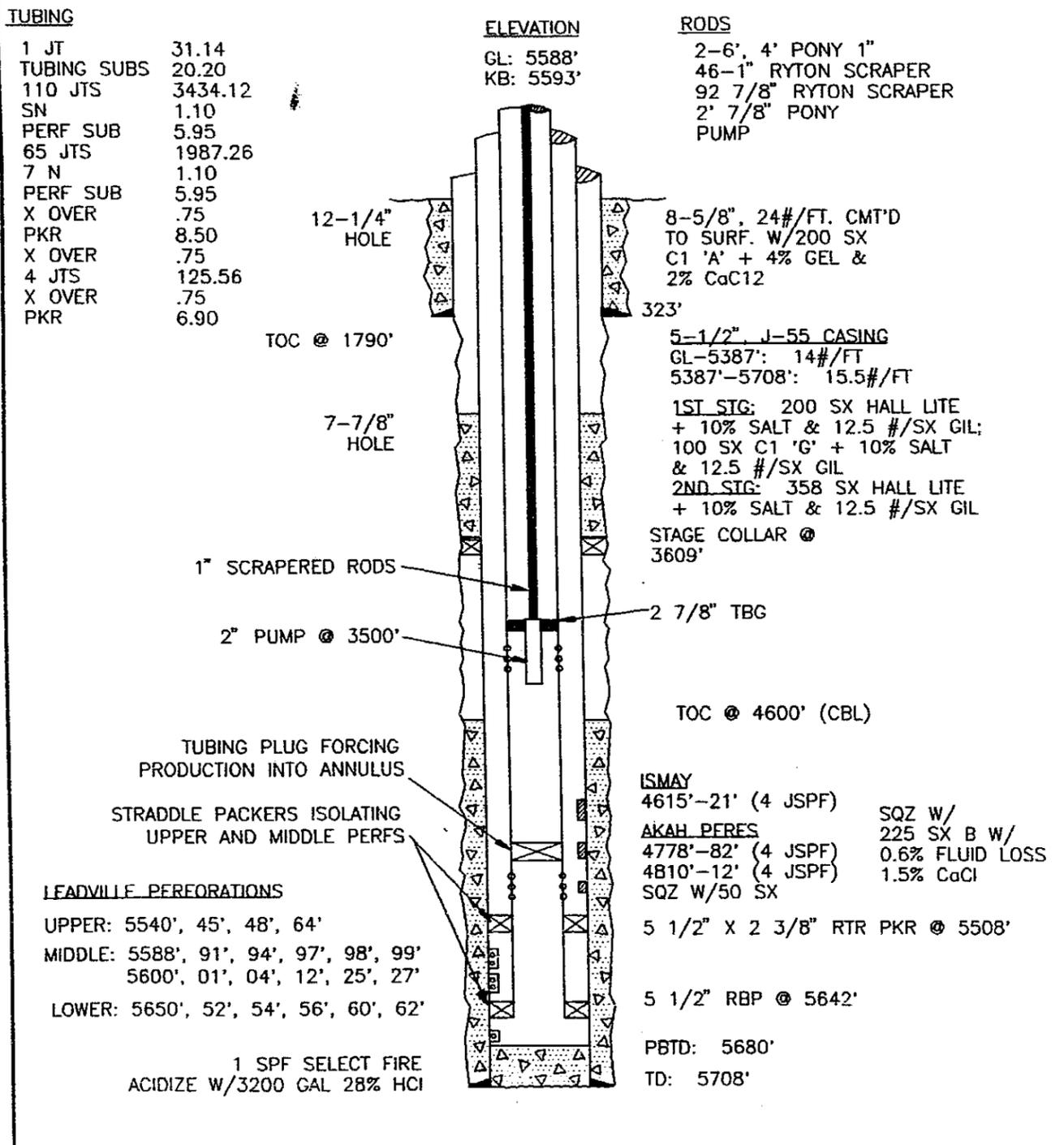
1 JT	31.14
TUBING SUBS	20.20
110 JTS	3434.12
SN	1.10
PERF SUB	5.95
65 JTS	1987.26
7 N	1.10
PERF SUB	5.95
X OVER	.75
PKR	8.50
X OVER	.75
4 JTS	125.56
X OVER	.75
PKR	6.90

ELEVATION

GL: 5588'
KB: 5593'

RODS

2-6', 4' PONY 1"
46-1" RYTON SCRAPER
92 7/8" RYTON SCRAPER
2' 7/8" PONY
PUMP



8-5/8", 24#/FT. CMT'D
TO SURF. W/200 SX
C1 'A' + 4% GEL &
2% CaCl2

323'

5-1/2" J-55 CASING
GL-5387': 14#/FT
5387'-5708': 15.5#/FT

1ST STG: 200 SX HALL LITE
+ 10% SALT & 12.5 #/SX GIL;
100 SX C1 'G' + 10% SALT
& 12.5 #/SX GIL

2ND STG: 358 SX HALL LITE
+ 10% SALT & 12.5 #/SX GIL

STAGE COLLAR @
3609'

LEADVILLE PERFORATIONS

UPPER: 5540', 45', 48', 64'
MIDDLE: 5588', 91', 94', 97', 98', 99'
5600', 01', 04', 12', 25', 27'
LOWER: 5650', 52', 54', 56', 60', 62'

1 SPF SELECT FIRE
ACIDIZE W/3200 GAL 28% HCl

ISMAV
4615'-21' (4 JSPF) SQZ W/
AKAH PERES 225 SX B W/
4778'-82' (4 JSPF) 0.6% FLUID LOSS
4810'-12' (4 JSPF) 1.5% CaCl
SQZ W/50 SX

5 1/2" X 2 3/8" RTR PKR @ 5508'

5 1/2" RBP @ 5642'

PBTD: 5680'
TD: 5708'

SUNDRY NOTICES AND REPORTS ON WELLS



1. Name of Operator Merrion Oil & Gas Corporation

2. Oil Well GAS WELL OTHER (Specify) _____

3. Well Name Navajo 3-11

Location 1980' PSL & 1915' FWL

Sec. 3 Twp. 41N Rge. 28E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease NOO-14-20-603-226

5. Field or Pool Name East Boundary Butte Leadville

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Report of well test</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The short term test on the upper and middle zones of the Leadville section has been completed in the Navajo 3-11. Attached for your review are the test results. We will soon implement the final completion of the lower zone in the Leadville. A recompletion report will be submitted at that time.

I hereby certify that the foregoing is true and correct.

Signed George F. Sharpe Title Engineer Date 9/11/91

Permit No. 490

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 23

SUNDRY NOTICES AND REPORTS ON WELLS



1. Name of Operator Merrion Oil & Gas Corporation
 2. Oil WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo 3-11
 Location 1980' FSL & 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease N00-14-20-603-226
 5. Field or Pool Name East Boundary Butte Leadville

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Report of well test</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log forms.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The short term test on the upper and middle zones of the Leadville section has been completed in the Navajo 3-11. Attached for your review are the test results. We will soon implement the final completion of the lower zone in the Leadville. A recompletion report will be submitted at that time.

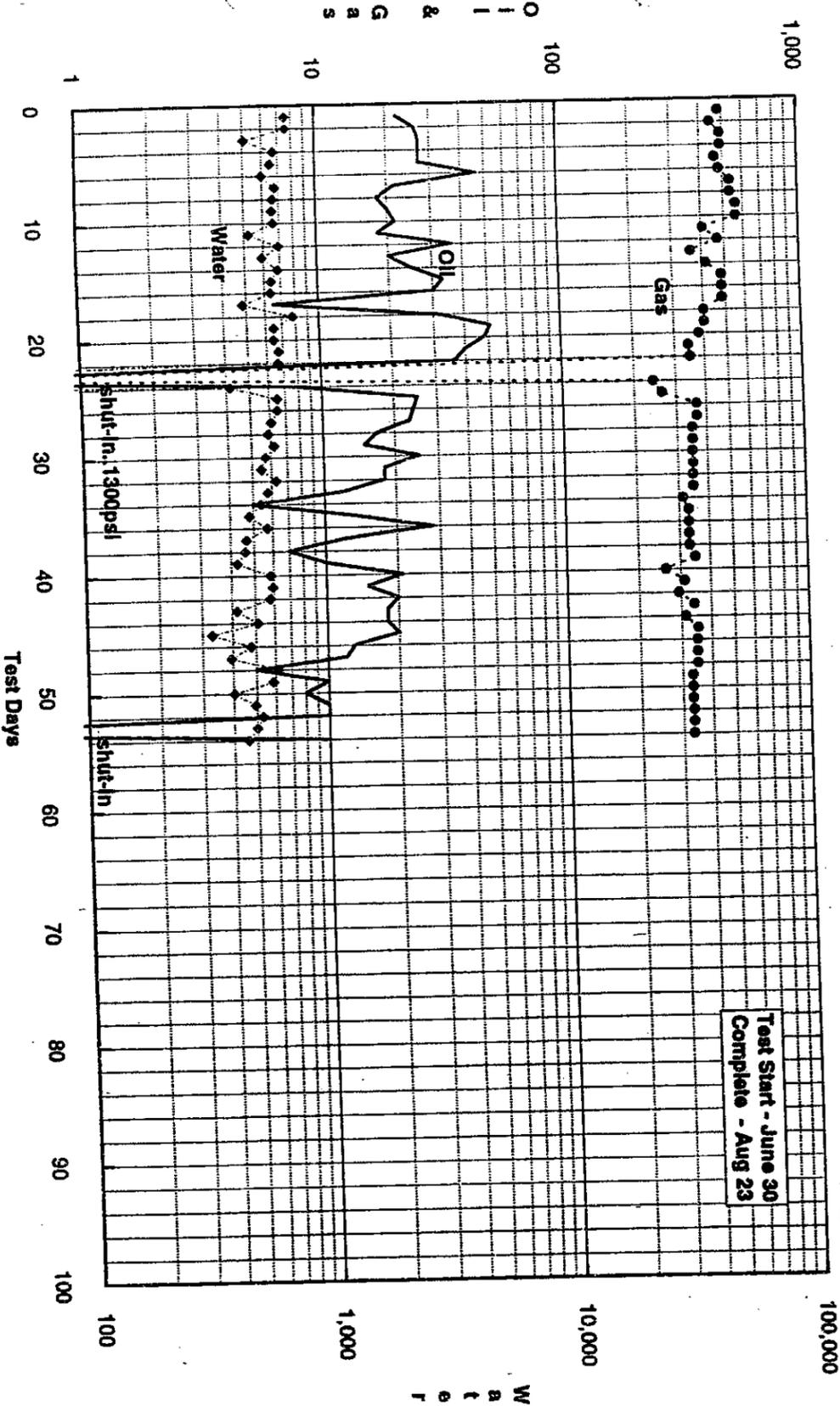
8. I hereby certify that the foregoing is true and correct.

Signed George F. Sharpe Title Engineer Date 9/11/91

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Navajo No. 3-11 Production Test
Mississippian Leadville...Upper



Well Test Summary

Navajo No. 3-11..Upper Mississippian Leadville

1991	Date	Day	Bopd	Mcid	Bwpd	Tbq-psf	Sep-psf	GOR	%Oil	Cum-Bo	Cum-Mcf	Cum-Bw	Comments
	30-Jun	1	22	482	753	250	140	21,891	2.84%	22	482	753	
	1-Jul	2	26	444	757	240	140	17,068	3.32%	48	925	1,510	
	2-Jul	3	27	488	508	240	140	18,060	5.05%	75	1,413	2,018	
	3-Jul	4	27	488	673	240	140	18,060	3.86%	102	1,901	2,691	
	4-Jul	5	27	463	650	240	140	17,148	3.99%	129	2,364	3,341	
	5-Jul	6	46	482	599	240	140	10,478	7.13%	175	2,846	3,940	
	6-Jul	7	22	530	678	240	140	24,651	3.07%	197	3,376	4,618	
	7-Jul	8	18	530	663	240	140	29,041	2.68%	215	3,906	5,281	
	8-Jul	9	20	558	658	240	140	27,900	2.95%	235	4,464	5,939	
	9-Jul	10	22	406	523	240	140	12,863	4.94%	256	5,022	6,602	
	10-Jul	11	18	467	697	240	140	22,247	3.14%	275	5,428	7,125	
	11-Jul	12	36	360	593	240	140	16,653	3.37%	311	5,895	7,822	
	12-Jul	13	20	416	684	240	140	18,000	4.94%	311	6,255	8,415	Cut Paraffin
	13-Jul	14	25	482	643	240	140	12,863	3.26%	331	6,671	9,099	
	14-Jul	15	33	482	636	240	140	18,000	3.52%	356	7,153	9,742	
	15-Jul	16	30	482	484	240	140	16,067	4.88%	389	7,635	10,378	Cut Paraffin
	16-Jul	17	7	403	777	200	100	7,882	7.30%	419	8,117	10,862	
	17-Jul	18	32	402	648	240	140	14,606	4.50%	425	8,520	11,639	Lower Sep pres
	18-Jul	19	51	381	644	200	100	74,154	3.90%	457	8,922	12,287	
	19-Jul	20	48	341	673	180	90	12,794	3.90%	508	9,303	12,931	
	20-Jul	21	40	346	667	180	90	9,611	6.94%	558	9,303	13,604	
	21-Jul	22	36	346	0	1,300	0	n/a	5.61%	596	9,644	14,271	shut-in
	22-Jul	23	0	0	0	250	120	30,000	5.12%	632	9,990	14,271	resume flow
	23-Jul	24	8	240	415	200	100	10,400	n/a	640	10,230	14,686	
	24-Jul	25	8	260	650	200	100	15,167	1.89%	665	10,490	15,336	
	25-Jul	26	25	364	647	200	140	15,826	3.70%	689	10,854	15,983	
	26-Jul	27	24	364	611	200	120	20,353	3.58%	712	11,218	16,594	
	27-Jul	28	23	346	591	200	120	23,067	2.80%	729	11,564	17,185	
	28-Jul	29	15	346	621	200	120	23,067	2.36%	744	11,910	17,906	

Well Test Summary
Navajo No. 3-1-1...Upper Mississippian Leadville

1991	Date	Day	Bopd	Mcf/d	Bwpd	Tbg-psl	Sep-psl	GOR	%Oil	Cum-Bo	Cum-Mcf	Cum-Bw	Comments
	30-Jun	1	22	482	753	250	140	21,891	2.84%	22	482	753	
	1-Jul	2	26	444	757	240	140	17,068	3.32%	48	925	1,510	
	2-Jul	3	27	488	508	240	140	18,060	5.05%	75	1,413	2,018	
	3-Jul	4	27	488	673	240	140	18,060	3.86%	102	1,901	2,691	
	4-Jul	5	27	463	650	240	140	17,148	3.99%	129	2,364	3,341	
	5-Jul	6	46	482	599	240	140	10,478	7.13%	175	2,846	3,940	
	6-Jul	7	22	530	678	240	140	24,651	3.07%	197	3,376	4,618	
	7-Jul	8	20	558	663	240	140	29,041	2.68%	215	3,906	5,281	
	8-Jul	9	20	558	658	240	140	27,900	2.95%	235	4,464	5,939	
	9-Jul	10	22	558	663	240	140	25,953	3.14%	256	5,022	6,602	
	10-Jul	11	18	406	523	240	140	22,247	3.37%	275	5,428	7,125	
	11-Jul	12	36	467	697	240	140	12,883	4.94%	311	5,895	7,822	
	12-Jul	13	20	360	593	240	140	18,000	3.26%	331	6,255	8,415	Cut Paraffin
	13-Jul	14	25	416	684	240	140	16,653	3.52%	356	6,671	9,099	
	14-Jul	15	33	482	643	240	140	14,606	4.88%	389	7,153	9,742	
	15-Jul	16	30	482	636	240	140	16,067	4.50%	419	7,635	10,378	Cut Paraffin
	16-Jul	17	7	482	484	240	140	74,154	1.33%	425	8,117	10,862	
	17-Jul	18	32	403	777	200	100	12,794	3.90%	457	8,520	11,639	Lower Sep press
	18-Jul	19	51	402	648	200	100	7,882	7.30%	508	8,922	12,287	
	19-Jul	20	48	381	644	200	100	7,938	6.94%	556	9,303	12,931	
	20-Jul	21	40	341	673	180	90	8,525	5.61%	596	9,644	13,604	
	21-Jul	22	36	346	667	180	90	9,611	5.12%	632	9,990	14,271	shut-in
	22-Jul	23	0	0	0	1,300	0	n/a	n/a	632	9,990	14,271	resume flow
	23-Jul	24	8	240	415	250	120	30,000	1.89%	640	10,230	14,686	
	24-Jul	25	25	260	650	200	100	10,400	3.70%	685	10,490	15,336	
	25-Jul	26	24	364	647	240	140	15,167	3.58%	689	10,854	15,983	
	26-Jul	27	23	364	611	200	120	15,826	3.63%	712	11,218	16,594	
	27-Jul	28	17	346	591	200	120	20,353	2.80%	729	11,564	17,185	
	28-Jul	29	15	346	621	200	120	23,067	2.36%	744	11,910	17,806	

Well Test Summary
Navajo No. 3-11...Upper Mississippiian Leadville

Date	Day	Bopd	Mcid	Bwptd	Tbg-psl	Sep-psl	GOR	%Oil	Cum-Bo	Cum-Mcf	Cum-Bw	Comments
29-Jul	30	25	345	571	200	110	13,800	4.18%	789	12,255	18,377	
30-Jul	31	18	346	547	180	100	19,222	3.19%	787	12,601	18,924	cut paraffin
31-Jul	32	18	345	626	180	100	19,167	2.80%	805	12,946	19,550	
1-Aug	33	12	345	580	180	100	28,750	2.03%	817	13,291	20,130	
2-Aug	34	5	311	540	180	100	62,200	0.92%	822	13,602	20,670	
3-Aug	35	13	328	482	180	110	25,231	2.63%	835	13,930	21,152	
4-Aug	36	28	328	570	180	110	11,714	4.88%	863	14,258	21,722	
5-Aug	37	12	328	467	180	110	27,333	2.51%	875	14,586	22,189	
6-Aug	38	7	328	460	275	110	46,857	1.50%	882	14,914	22,649	corrosion inhibit
7-Aug	39	10	345	425	175	110	34,500	2.30%	892	15,259	23,074	
8-Aug	40	21	259	585	175	125	12,333	3.47%	913	15,518	23,659	cut paraffin
9-Aug	41	15	310	596	175	125	20,667	2.45%	928	15,828	24,255	
10-Aug	42	20	293	579	175	125	14,650	3.34%	948	16,121	24,834	
11-Aug	43	18	339	420	175	110	18,833	4.11%	968	16,460	25,254	
12-Aug	44	18	311	514	175	110	17,278	3.38%	984	16,771	25,768	
13-Aug	45	20	350	329	175	110	17,500	5.73%	1,004	17,121	26,097	
14-Aug	46	13	347	479	175	110	26,692	2.64%	1,017	17,468	26,576	
15-Aug	47	12	347	395	175	110	28,917	2.95%	1,029	17,815	26,971	
16-Aug	48	5	347	620	175	125	69,400	0.80%	1,034	18,162	27,591	sep malfunction
17-Aug	49	10	329	586	175	125	32,900	1.68%	1,044	18,491	28,177	
18-Aug	50	8	329	403	175	110	41,125	1.95%	1,052	18,820	28,580	
19-Aug	51	10	329	495	175	110	32,900	1.98%	1,062	19,149	29,075	
20-Aug	52	10	330	530	175	110	33,000	1.85%	1,072	19,479	29,605	
21-Aug	53	0	330	500	175	110	na	na	1,072	19,809	30,105	sep malfunction
22-Aug	54	0	329	460	175	110	32,900	2.13%	1,082	20,138	30,565	
23-Aug	55	10	329	460	na	110	32,900	na	1,082	20,138	30,565	Shut-In

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Merrion Oil & Gas Corporation
 2. Oil Well GAS WELL OTHER (Specify) _____
 3. Well Name Navajo 3-11
 Location 1980' FSL & 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease N00-14-20-603-226

5. Field or Pool Name East Boundary Butte Leadville

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDISE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER) <u>See below</u>				REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				(OTHER)	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Permission is requested to flare up to 1 MCFD of 500 BTU/scf gas for a 60 day test and up to 200 MCFD of 500 BTU/scf gas indefinitely.

The subject well tested oil in commercial quantities from three different zones in the Leadville formation. Unfortunately, the associated gas does not meet pipeline specifications (analysis attached). The gas contains 4% helium, which is a valuable product but would require a multimillion dollar plant for processing. We plan to do a 60 day test on the higher gas producing zones to help determine if the reservoir size is sufficient to justify a plant. We request permission to flare up to 1 MCFD during the test. Because the gas contains from 50 to 900 ppm H₂S, we will have a permanent pilot to insure full combustion of the flared gas.

Once the test is complete, we will isolate the "gassy" zones between packers and complete and produce the lower "oil" zone. Long term production will still require that we flare up to 200 MCFD of gas from the "oil" zone (similar quality gas). We also request your permission to flare that volume indefinitely.

Over the very long term, we will either install a helium and nitrogen recovery plant or obtain a permit to flare larger volumes of gas. Either of those actions will allow us to eventually come back and recover the oil from the "gassy" zones.

8. I hereby certify that the foregoing is true and correct.

Signed George F. Sharpe Title Engineer Date 6/18/91

APPROVED

By S. L. Rainey

Permit No. 490 Date 6-20-91

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 23



15 Farmington Ave. - Farmington, NM 87401

(505) 325-6622

ANALYSIS NO. MER10004

WELL/LEASE INFORMATION

COMPANY: MERRION OIL & GAS CORP.

WELL NAME: EBB NAVAJO 3-11

LINE PRESSURE: 214 PSIG

LOCATION: SEC 3-T41N-R28E

SAMPLE TEMP.: DEG.F

LEASE:

WELL FLOWING: YES

FORMATION: LEADVILLE

DATE SAMPLED: 6/5/91

METER NO.:

SAMPLED BY: A.R.M.

REMARKS: THROUGH SEPERATOR; PERF: 5588'-5627'

5540 - 5564 upper zone
5650 - 5666 lower zone

ANALYSIS

COMPONENT	MCLE%	GPM
NITROGEN	40.650	0.000
CO2	14.853	0.000
METHANE	40.642	0.000
ETHANE	2.298	0.615
PROPANE	0.789	0.217
I-BUTANE	0.119	0.039
N-BUTANE	0.263	0.083
I-PENTANE	0.077	0.028
N-PENTANE	0.112	0.041
HEXANE+	0.197	0.086
TOTAL	100.000	1.109
COMPRESSIBILITY FACTOR	(1/Z)	1.00170
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z)		503.12
BTU/CU.FT. (WET) CORRECTED FOR (1/Z)		494.42
REAL SPECIFIC GRAVITY		0.89964

ANALYSIS RUN AT 14.73 PSIA & 60 DEGREES F

CYLINDER PRESSURE 186 PSIG

DATE RUN: 6/6/91

ANALYSIS RUN BY: CHELLE DURBIN

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

<small>Federal, State or Indian Lease Number, or lessor's name if fee lease</small>	<small>Field</small> East Boundary Butte	<small>Reservoir</small> Leadville
<small>Survey or Sec-Twp-Rgn</small> Sec 3, T41N, R28E	<small>County</small> Apache	<small>State</small> Arizona
<small>Operator</small> Merrion Oil & Gas Corporation		
<small>ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:</small> Steven S. Dunn		
<small>Street</small> P. O. Box 840	<small>City</small> Farmington	<small>State</small> New Mexico
<small>Above named operator authorizes (name of transporter)</small> Meridian Oil		
<small>Transporter's street address</small> P. O. Box 4289	<small>City</small> Farmington	<small>State</small> NM 87499
<small>Field address</small> 4551 Herrera Rd. Farmington, NM 87401		
<small>OIL, condensate, gas well gas, casinghead gas</small>		
<small>To transport</small> 100	<small>% of the</small> oil	<small>from said lease.</small>
<small>OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:</small>		
<small>Name of gatherer</small>	<small>% transported</small>	<small>Product transported</small>

Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.

Designation of oil transporter for old lease.

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Operations Manager of the Merrion Oil & Gas Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 6/3/91 Signature Steven S. Dunn

Date approved: 6/7/91
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: [Signature]

Permit No. 490

APPROVED

AZ OIL & GAS CONSERVATION COMMISSION cc: 2 AZ OGCC 1 Well File
JUN 6 1991

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease
File Two Copies
Form No. 8

NAVAJO NO. 3-11

Recompletion Procedure

RECEIVED

DEC 9 1987

O & G CONS. COMM.

1. MIRU workover rig. ND wellhead. NU BOPs.
2. RIH w/bit, scraper, & 2-3/8" tbg. to 4750'. Swab test Lower Ismay (4615'-21'). Drill out Baker Model 'N' CIBP @ 4760' & POH.
3. PU & RIH w/fullbore pkr, SN, & 2-3/8" tbg. Set packer @ 4580'. Pressure test backside to 1000 psig. Reset pkr @ 4700' and swab Akah perfs (4778'-82'). Record fluid levels, bbls recovered, & cut.
4. MIRU cementers. Set pkr @ 4580' & squeeze the Akah & Lower Ismay perfs as follows:
 - a. Establish rate into Akah and Lower Ismay perfs w/water.
 - b. Pump 150 sx Cl 'B' cement. Displace w/fresh water & squeeze to 1500 psig. (17.7 bbls displacement to pkr)
 - c. Release pkr & reverse out excess cement w/25 bbls water.
 - d. Reset pkr uphole 4 stands & pressure squeeze to 1000 psig & WOC overnight.
5. Open tbg & release pressure. Unseat packer and POH.
6. RIH w/4-3/4" bit, scraper, & 2-3/8" tbg. Drill out cement from 4580' - 4782', CR & cmt from 4798' - 4812', & shoe joint from 5660' - 5680'. Pressure test squeezes to 1000 psig after drilling out. POH w/tbg, scraper, & bit.
7. MIRU perforators. RU lubricator & perforate the Leadville w/4" select fire casing gun as follows:

SCHLUMBERGER COMP. FORM DENSITY (4/9/69)

5540'	5594'	5612'	5654'
5545'	5597'	5623'	5656'
5548'	5598'	5625'	5660'
5555'	5599'	5627'	5662'
5564'	5600'	5650'	5664'
5588'	5601'	5652'	5666'
5591'	5604'		

POH w/gun. RDMO wireline unit.

8. RIH w/RBP, RH, pkr, SN, & 2-3/8" tbg. Set RBP @ 5675' & hang pkr @ 5666'.
9. MIRU Dowell. Acidize the Leadville perfs (5540' - 5666'O/A) w/3500 gals 28% MSR (mud & silt removal system - including surfactant, iron sequestering agent & inhibitor) as follows:
 - a. Fill hole w/water. Spot acid across perfs by pumping 3 bbls acid & displacing w/21.4 bbls water. Reset pkr @ 5490'.
 - b. Displace acid & establish rate w/water.
 - c. Reset RBP @ 5640' & pkr @ 5490'.
 - d. Pump 3 bbls acid, drop 1 ball sealer.
 - e. Repeat step 'c' 25 more times. Pump remaining 2 bbls acid.
 - f. Overdisplace acid with 30 bbls water.
 - g. RDMO Dowell.

Testing, June 1991

10. Reset RBP @ 5675' & pkr @ 5490'. Swab well to recover load.
11. Assuming well is productive, MIRU Tefteller to run a 4-point back pressure test and 72 hr. buildup. Obtain gas sample for chromatographic analysis. A sample of wellbore fluid should be analyzed by Unichem & checked for corrosiveness.
12. Kill well & POH w/tbg., SN, RH, RBP, & pkr.
13. Production equipment will be designed based on results of swab test & fluid analysis.
14. If Leadville is non-productive, squeeze as follows:
 - a. RIH w/pkr & 2-3/8" tbg & set pkr @ ~~5500'~~ 5475'. *TOM 9-28-90*
 - b. MIRU cementers.
 - c. Establish rate into perms w/water. Load backside & test to 1000 psig.
 - d. Pump 100 sx Cl 'B' cement. Displace w/fresh water & squeeze to 1500 psig. (21.3 bbls displacement to pkr.)
 - e. Release pkr & reverse out excess cement w/30 bbls water.
 - f. Reset pkr uphole 4 stands & pressure squeeze to 1000 psig & WOC overnight.
 - g. RDMO cementers.
15. POH w/tbg & pkr.
16. MIRU perforators. RU lubricator & perforate the Lower Ismay & Desert Creek w/4" select fire gun as follows:

SCHLUMBERGER COMP. FORM DENSITY (4/9/69)

<u>Lower Ismay</u>	<u>Desert Creek</u>	4663'	4696'
4590'	4626'	4671'	4709'
4593'	4628'	4673'	4712'
4597'	4637'	4687'	4714'
4599'	4638'	4689'	4721'
4609'	4643'	4691'	4727'
4611'	4649'	4694'	4730'

POH w/gun. RDMO wireline unit.

17. RIH w/pkr, SN, & tbg. Hang pkr @ 4730'.
18. MIRU Dowell. Acidize the Lower Ismay (4590' - 4611' O/A) & Desert Creek (4626' - 4730' O/A) w/5000 gals 28% MSR-100 as follows:
 - a. Fill hole w/water. Spot acid across perms by pumping 3 bbls acid & displacing w/17.8 bbls water. Reset pkr @ 4540'.
 - b. Displace acid & establish rate with water.
 - c. Pump 4 bbls acid, drop 1 ball sealer.
 - d. Repeat step 'c' 28 more times. Pump remaining 4 bbls acid.
 - e. Overdisplace acid w/30 bbls water.
 - f. RDMO Dowell.

19. Swab well to recover load.

20. Kill well if necessary and POH w/tbg, SN, & pkr. If well is productive, production equipment will be designed based on swab test results.

21. If well is not productive, RDMO workover rig. MIRU Bedford and plug & abandon the well as follows:

- a. Squeeze Lower Ismay & Desert Creek perfs with 100 sx. (*Leave 50' cmt above top l. Ismay perf.*)
- b. Set 100' cement plug, inside of 5-1/2" casing, across the Coconino ~~top (1848')~~ *from 1844'-1988'*
- c. Set a 100' cement plug, inside & out of casing, across the surface casing shoe (323').
- d. Set 50' plug, inside & out of casing, to surface.
- e. Install dryhole marker & rehabilitate location.

*Tom
9-28-90*

APPROVED
By *[Signature]*
Date _____
ARIZONA STATE OIL & GAS
CONSERVATION COMMISSION

STATE OF ARIZONA

OIL AND GAS CONSERVATION COMMISSION

PERMIT 490

REPORT ON PROPOSED OPERATIONS

Merrion Oil & Gas Corporation

P.O. Box 840
Farmington, NM 87499

Phoenix, ARIZONA
Dec. 10, 1987

Your proposal to workover well No. 3-11 Navajo,
A.P.I. No. 02-001-20095, Section 3, T. 41N, R. 28E, G&SR B. & M.,
East Boundary Butte field, area, pool,
Apache County, dated 1/2/87, received 12/9/87 has been examined in conjunction with records
filed in this office.

THIS PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment is installed, used, maintained, and tested in a manner necessary to assure well control throughout the testing (workover) of the well.
2. THIS COMMISSION SHALL BE NOTIFIED:
 - a. Immediately when rework operations commence.
 - b. To witness the abandonment procedures as outlined in the event the well is nonproductive.

NOTE: In the future when filing a proposal to rework or abandon a well, please include as part of your proposal a complete casing history. Our files in some cases are incomplete.

BOND No. 010130-972-74, Blanket.

D. J. BRENNAN, Executive Director

By R. A. Yance
Enforcement Director

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 30 days after the work has been completed or the operations have been suspended.

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

DEC 9 1987

O & G CONS. COM. 11.

1. Name of Operator Merrion Oil & Gas Corp.
 2. Oil WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo No. 3 (3-41-28-11)
 Location 1980' FSL and 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease: Navajo Tribal 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input checked="" type="checkbox"/>	Workover	<input checked="" type="checkbox"/>	(OTHER)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request approval to workover the subject well as per attached procedure.

8. I hereby certify that the foregoing is true and correct.

Signed T. Greg Merrion
 T. Greg Merrion

Title Production Engineer Date 12/02/87

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

NAVAJO NO. 3-11

Recompletion Procedure

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DEC 9 1987

O & G CONS. COMM.

1. MIRU workover rig. ND wellhead. NU BOPs.
2. RIH w/bit, scraper, & 2-3/8" tbg. to 4750'. Swab test Lower Ismay (4615'-21'). Drill out Baker Model 'N' CIBP @ 4760' & POH.
3. PU & RIH w/fullbore pkr, SN, & 2-3/8" tbg. Set packer @ 4580'. Pressure test backside to 1000 psig. Reset pkr @ 4700' and swab Akah perfs (4778'-82'). Record fluid levels, bbls recovered, & cut.
4. MIRU cementers. Set pkr @ 4580' & squeeze the Akah & Lower Ismay perfs as follows:
 - a. Establish rate into Akah and Lower Ismay perfs w/water.
 - b. Pump 150 sx Cl 'B' cement. Displace w/fresh water & squeeze to 1500 psig. (17.7 bbls displacement to pkr)
 - c. Release pkr & reverse out excess cement w/25 bbls water.
 - d. Reset pkr uphole 4 stands & pressure squeeze to 1000 psig & WOC overnight.
5. Open tbg & release pressure. Unseat packer and POH.
6. RIH w/4-3/4" bit, scraper, & 2-3/8" tbg. Drill out cement from 4580' - 4782', CR & cmt from 4798' - 4812', & shoe joint from 5660' - 5680'. Pressure test squeezes to 1000 psig after drilling out. POH w/tbg, scraper, & bit.
7. MIRU perforators. RU lubricator & perforate the Leadville w/4" select fire casing gun as follows:

SCHLUMBERGER COMP. FORM DENSITY (4/9/69)

5540'	5594'	5612'	5654'
5545'	5597'	5623'	5656'
5548'	5598'	5625'	5660'
5555'	5599'	5627'	5662'
5564'	5600'	5650'	5664'
5588'	5601'	5652'	5666'
5591'	5604'		

POH w/gun. RDMO wireline unit.

8. RIH w/RBP, RH, pkr, SN, & 2-3/8" tbg. Set RBP @ 5675' & hang pkr @ 5666'.
9. MIRU Dowell. Acidize the Leadville perfs (5540' - 5666'O/A) w/3500 gals 28% MSR (mud & silt removal system - including surfactant, iron sequestering agent & inhibitor) as follows:
 - a. Fill hole w/water. Spot acid across perfs by pumping 3 bbls acid & displacing w/21.4 bbls water. Reset pkr @ 5490'.
 - b. Displace acid & establish rate w/water.
 - c. Reset RBP @ 5640' & pkr @ 5490'.
 - d. Pump 3 bbls acid, drop 1 ball sealer.
 - e. Repeat step 'c' 25 more times. Pump remaining 2 bbls acid.
 - f. Overdisplace acid with 30 bbls water.
 - g. RDMO Dowell.

Navajo #3-11
Recompletion Procedure

page 3

19. Swab well to recover load.
 20. Kill well if necessary and POH w/tbg, SN, & pkr. If well is productive, production equipment will be designed based on swab test results.
 21. If well is not productive, RDMO workover rig. MIRU Bedford and plug & abandon the well as follows:
 - a. Squeeze Lower Ismay & Desert Creek perfs with 100 sx.
 - b. Set 100' cement plug, inside of 5-1/2" casing, across the Coconino top (1848').
 - c. Set a 100' cement plug, inside & out of casing, across the surface casing shoe (323').
 - d. Set 50' plug, inside & out of casing, to surface.
 - e. Install dryhole marker & rehabilitate location.
- NOTE: 9.2 ppg mud is to be placed between plugs.

Approved: R. G. Ytawa Date: 12/10/87

See attached Report on Proposed Operations.

10. Reset RBP @ 5675' & pkr @ 5490'. Swab well to recover load.
11. Assuming well is productive, MIRU Tefteller to run a 4-point back pressure test and 72 hr. buildup. Obtain gas sample for chromatographic analysis. A sample of wellbore fluid should be analyzed by Unichem & checked for corrosiveness.
12. Kill well & POH w/tbg., SN, RH, RBP, & pkr.
13. Production equipment will be designed based on results of swab test & fluid analysis.
14. If Leadville is non-productive, squeeze as follows:
 - a. RIH w/pkr & 2-3/8" tbg & set pkr @ 5500'.
 - b. MIRU cementers.
 - c. Establish rate into perfs w/water. Load backside & test to 1000 psig.
 - d. Pump 100 sx Cl 'B' cement. Displace w/fresh water & squeeze to 1500 psig. (21.3 bbls displacement to pkr.)
 - e. Release pkr & reverse out excess cement w/30 bbls water.
 - f. Reset pkr uphole 4 stands & pressure squeeze to 1000 psig & WOC overnight.
 - g. RDMO cementers.
15. POH w/tbg & pkr.
16. MIRU perforators. RU lubricator & perforate the Lower Ismay & Desert Creek w/4" select fire gun as follows:

SCHLUMBERGER COMP. FORM DENSITY (4/9/69)

<u>Lower Ismay</u>	<u>Desert Creek</u>	4663'	4696'
4590'	4626'	4671'	4709'
4593'	4628'	4673'	4712'
4597'	4637'	4687'	4714'
4599'	4638'	4689'	4721'
4609'	4643'	4691'	4727'
4611'	4649'	4694'	4730'

POH w/gun. RDMO wireline unit.

17. RIH w/pkr, SN, & tbg. Hang pkr @ 4730'.
18. MIRU Dowell. Acidize the Lower Ismay (4590' - 4611' O/A) & Desert Creek (4626' - 4730' O/A) w/5000 gals 28% MSR-100 as follows:
 - a. Fill hole w/water. Spot acid across perfs by pumping 3 bbls acid & displacing w/17.8 bbls water. Reset pkr @ 4540'.
 - b. Displace acid & establish rate with water.
 - c. Pump 4 bbls acid, drop 1 ball sealer.
 - d. Repeat step 'c' 28 more times. Pump remaining 4 bbls acid.
 - e. Overdisplace acid w/30 bbls water.
 - f. RDMO Dowell.

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

Operator J. Gregory Merrion & Robert L. Bayless		Address P.O. Box 507, Farmington, NM	
Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribal 14-20-603-226	Well No. 3-11	Field East Boundary Butte	County Apache
Location 1980' FSL & 1915' FWL Section 3, T41N, R28E			

CASING AND TUBING DATA

Name of string	Size	Length	Cement Data
Surface Casing	8-5/8	323	200 sacks (circulated to surface)
Intermediate			
Long String	5-1/2	5708	1st stage - 300 sacks 2nd stage - 358 sacks through stage collar Name, Model and Depth of Tubing Packer @ 3606
Tubing	2-3/8	5650	Baker Model A Tension @ 5650

Name of Top and Bottom of Injection Zone
5684-5706 Ouray (Mississippian - Devonian)

Is Injection through Tubing, Casing or Annulus? Plastic Coated Tubing	Perforations or Open Hole? Perforations	Is this a new well Drilled for Disposal? No
---	---	---

List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement
4810-12--50 sacks

Is Injection Zone Productive of Oil or Gas in This Field? No	Depth of Deepest Fresh Water Zone Coconino - 2000'	Depth of Shallowest Productive Zone Hermosa - 4500'
--	--	---

Anticipated Daily Injection Volume (bbls.)	Minimum 500	Maximum 2500	Open or Closed System? Closed
--	-----------------------	------------------------	---

Is Injection to be by Gravity or Pressure? As Necessary	Approx. Pressure (Psi) As Necessary	Source of Water to be Injected Hermosa & Paradox (Pennsylvanian)
---	---	--

Are there any other Salt Water Disposal Wells using this same Zone in this Field?	Yes or No No	If so name one such well below
---	------------------------	--------------------------------

Name of Operator of Disposal Well in same zone	Lease Name	Well No.
--	------------	----------

Is this well so cased and completed that water can enter no other formation than the above set out injection zone?	Yes or No Yes	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?	Yes or No Yes
--	-------------------------	--	-------------------------

List names and addresses of all operators within one-half (1/2) mile of this injection well:
Merrion & Bayless

P.O. Box 507

Farmington, NM 87401

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Co-Owner of the Merrion & Bayless (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

INSTRUCTIONS:

1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field.
2. Attach waivers from all operators within one-half (1/2) mile of injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application notifying such surface owners of this application and requesting waivers.
3. Should all necessary waivers not accompany application, the State of Arizona Oil & Gas Conservation Commission shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for a hearing is received, the application will then be processed.

Date approved 10-19-79
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By Shirley Whittaker

[Signature]
Signature

October 3, 1979
Date

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application To Dispose of Salt Water By Injection
Into a Porous Formation
File Two Copies

Form No. 15

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator J. Gregory Carrion & Robert L. Bayless
 2. OIL WELL GAS WELL OTHER (Specify) From TA to SWD
 3. Well Name Navajo #3 (3-41-28-11)
 Location 1980' FSL and 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribal 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER) <u>Recomplete for SWD</u>	<input checked="" type="checkbox"/>			REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				(OTHER)	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Will drill bridge plug at 4760'. Will squeeze perforations 4615-21 and 4778-82 with 100 sacks cement. Drill out squeeze and drill out bottom of casing to 5708'. Perforate 5684-5708, acidize, and take injection test.

Will run plastic coated tubing and Baker model 'A' Tension Packer and commence injection.

(it is the intention to use this well in lieu of Navajo E-2 injection well, where injection pressure is high.)

RECEIVED
 OCT 9 1979
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed

[Signature]

Title

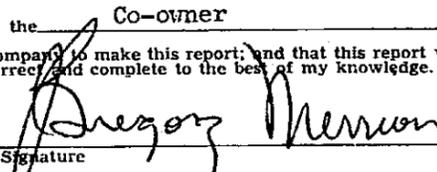
Co-Owner

Date

October 3, 1979

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 23

Permit No. _____

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO POROUS FORMATION			
Operator Merrion & Bayless		Address P.O. Box 507, Farmington, New Mexico 87401	
Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo 14-20-603-226		Well No. 3-11	Field East Boundary Butte
Location 1980' FSL & 1915' FWL, Section 3, T41N, R28E		County Apache	
SEC-TWP-RGE or Block & Survey			
CASING AND TUBING DATA			
Name of string	Size	Length	Cement Data
Surface Casing	8 5/8"	323'	200 sax
Intermediate	None		
Long String	5 1/2"	5708'	300 sax first stage D.V. tool at 3609 w 358 sax top cement 1700
Name, Model and Depth of Tubing Packer			
Tubing	2 3/8"	5000'	Baker Model A Tension
Name of Top and Bottom of Injection Zone Mississippian and Devonian			
Is Injection through Tubing, Casing or Annulus? Tubing		Perforations or Open Hole? Perforations 5585-5706	Is this a new well Drilled for Disposal? No
List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement Squeeze perms. 4615-4782 w -50 sax			
Is Injection Zone Productive of Oil or Gas in This Field? Mississippian Gas Productive		Depth of Deepest Fresh Water Zone Coconino 1848	Depth of Shallowest Productive Zone Hermosa 3805
Anticipated Daily Injection Volume (bbls.)		Minimum 500	Maximum 1000
Is Injection to be by Gravity or Pressure? Pressure as necessary		Open or Closed System? Closed	
Approx. Pressure (Psi) To 1000 psi		Source of Water to be Injected Paradox	
Are there any other Salt Water Disposal Wells using this same Zone in this Field? No		If so name one such well below ---	
Name of Operator of Disposal Well in same zone None		Lease Name	Well No.
Is this well so cased and completed that water can enter no other formation than the above set out injection zone? Yes		Yes or No No	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well? No other operators
List names and addresses of all operators within one-half (1/2) mile of this injection well: None			
RECEIVED			
NOV 4 1974			
O & G CONS. COMM.			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Co-owner</u> of the <u>Merrion & Bayless</u> (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
INSTRUCTIONS: 1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field. 2. Attach waivers from all operators within one-half (1/2) mile of injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application notifying such surface owners of this application and requesting waivers. 3. Should all necessary waivers not accompany application, the State of Arizona Oil & Gas Conservation Commission shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for a hearing is received, the application will then be processed.		Signature  Date November 1, 1974	
Date approved <u>11-7-74</u> STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By <u>W.B. Allen</u>		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application To Dispose of Salt Water By Injection Into a Porous Formation File Two Copies	
Form No. 15			
Permit No. <u>490</u>			

OPERATOR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

Federal State or Indian Lease Number, or lessee's name if fee lease 16-20-603-226	Field East Boundary Butte	Reservoir Paradox
Survey or Sec-Twp-Rge Sec. 23 T41N, R28E	County Apache	State Arizona
Operator J. Gregory Merrion and Robert L. Bayless		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P.O. Box 507	City Farmington	State New Mexico 87401
Above named operator authorizes (name of transporter) Permian Corporation		
Transporter's street address P.O. Box 1183	City Houston	State Texas 77001
Field address Petroleum Plaza Building Farmington, New Mexico 87401		
Oil, condensate, gas well gas, casinghead gas		
To transport	100% of the Oil	from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Merrion & Bayless	100	Gas

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Co-Owner of the Merrion & Bayless (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

October 24, 1974
Date

J. Gregory Merrion
Signature

Date approved: 10-29-74

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: *[Signature]*

RECEIVED

OCT 29 1974

O & G CON. COMM.

Permit No. _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 8

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

6. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-226</u>	
7. UNIT AGREEMENT NAME <u>Navajo Tribe</u>	
8. FARM OR LEASE NAME <u>Navajo Tribe</u>	
9. WELL NO. <u>3-11</u>	
10. FIELD AND POOL, OR WILDCAT <u>East Boundary Butte</u>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 3, T41N, R28E</u>	
12. COUNTY OR PARISH <u>Apache</u>	13. STATE <u>Arizona</u>
14. PERMIT NO.	15. ELEVATIONS (Show whether DV, KT, CR, etc.) <u>5331 GL 5343 KB</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Convert to SWD

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drill out bridge plug at 4760'.
Squeeze cement perfs 4615-21 and 4778-82.
Drill out squeeze job and shoe joint to 5706'.
Perforate Mississippian-Devonian Section
5585-91, 5598-5605, 5649-55, 5659-67 and 5683-5706.
Acidize using ~~hi~~ ball sealers.
Run 2" tubing with packer to 5650'.
Place well on injection for salt water disposal.

18. I hereby certify that the foregoing is true and correct

SIGNED Gregory Merrion TITLE Co-Operator DATE 10-22-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

file in form 490

DESIGNATION OF OPERATOR

Novajo Tribe Oil & Gas
Mining Lease Contract No.

The undersigned is the record holder of Lease: 14-20-603-226
(Number or name of lease and description of entire lease acreage) in Apache
County, Arizona: All of Sections 1, 2 & 3 in Township 41 North, Range 28
East, G&SRM and All of Fractional Sections 34, 35 & 36 in Township 42 North,
Range 28 East, G&SRM

and hereby designates J. Gregory Merion and Robert L. Bayless

Name: 205 Petroleum Center Bldg.,
Farmington, New Mexico
Address:

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O & G CON. COM. DIV.

as his operator and local agent, with full authority to act in his be-
half in complying with the terms of the lease and all regulations,
whether Federal, Indian, State, or local, applicable thereto and on whom
may be served written or oral instructions in securing compliance with
all the applicable lease terms, and rules and regulations of the Oil
and Gas Conservation Commission, State of Arizona, with respect to:

(Describe only the acreage to which this designation applies)

Same as above (entire lease acreage)

It is understood that this designation of operator does not re-
lieve the lessee of responsibility for compliance with the terms of the
lease and with all the applicable rules and regulations of the Oil and
Gas Conservation Commission, State of Arizona. It is understood that
this designation of operator does not constitute an assignment of any
interest in the lease.

In case of default on the part of the designated operator, the
record holder of the lease remains primarily responsible for and will
make full and prompt compliance with all applicable lease terms, the
rules and regulations of the Oil and Gas Conservation Commission, State
of Arizona, or orders of other appropriate regulatory governmental
agencies.

The lessee agrees promptly to notify all proper authorities and
appropriate regulatory governmental agencies on any change in the des-
ignated operator.

The designated operator agrees to promptly notify all proper au-
thorities of any change of his address during the period in which this
designation of operator is in force.

September 27, 1974
(Date)

Consolidated Oil & Gas, Inc. R
[Signature]
Lessee Vice-President

(Date)

Designated Operator

(If this Designation of Operator applies to a State of Arizona Oil and
Gas Lease, copy of this designation of operator must be filed with the
State Land Department.)

490

3

WPA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, July, 1974

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SEP 20 1974
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parkin

Title Production Acct.

Date Sept 17, 1974

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File 2 Copies

Form No. 490

Form No. 25

2

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, JUNE, 1974

RECEIVED

AUG 1 1974

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed J. A. Farkis

Title Production Acct.

Date July 29, 1974

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File 25 Copies

Form No. 490

Form No. 25

3

NDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp 41 North Rge 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit.
There was no status change as of, May, 1974

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JUL 05 1974
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parkers Title Production Acct. Date Jun 29, 1974

Form No. 490

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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W/A
SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit.
 There was no status change as of, April, 1974

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 MAY 20 1974
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe A. Larkin Title Production Acct. Date May 16, 1974

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 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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 1

2

WAT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, March, 1974

RECEIVED
MAY 02 1974
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed James A. Larkin Title Production Acct. Date April 30, 1974

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Form No. 25

WHA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, February, 1974.

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MAR 23 1974

O & G CON. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker Title Production Acct. Date March 27, 1974

F. Permit No. 490

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
		FRACTURE TREATMENT	<input type="checkbox"/>
		SHOOTING OR ACIDIZING	<input type="checkbox"/>
		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, JANUARY, 1974

RECEIVED
 MAR 07 1974
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe A. Larkin Title Production Acct. Date March 5, 1974

Form No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 2 Copies
 Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>		ABANDONMENT	<input checked="" type="checkbox"/>
(OTHER)							

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, December, 1973.

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FEB 6 1974

O & G CON. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe R. Larkin Title Production Acct. Date Jan 31, 1974

Form No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 Form No. 25
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WP

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, December, 1973.

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FEB 04 1974

O & G CON. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe R. Larkins Title Production Acct. Date Jan 31, 1974

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File 1 Copies

Form No. 25

Form No. 490

2

SUNDY NOTICES AND REPORTS ON WELLS

W/H

2

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
		FRACTURE TREATMENT	<input type="checkbox"/>
		SHOOTING OR ACIDIZING	<input type="checkbox"/>
		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, November, 1973

RECEIVED
JAN 10 1974
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date January 9, 1974

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File ~~Two~~ Copies

Form No. 25 1

Permit No. 490

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, October, 1973

RECEIVED
 JAN 10 1974
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe A. Larkin Title Production Acct. Date January 7, 1974

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File _____ Copies _____
 Form No. 25

Form No. 490

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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On August 21, 1970, this well as shut-in, as having a productivity below economic limit. There was no status change as of, September, 1973

RECEIVED
 RECEIVED
 NOV 6 - 1973
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker Title Production Acct. Date 10-29-73

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 2 Copies
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Form No. 490

2

3

WPA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in as having a productivity below economic limit. There was no status change as of, August, 1973

RECEIVED

OCT 0 - 1970

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed J. A. Parker Title Production Acct. Date September 27, 1973

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
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2

3

WA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, July 31, 1973

RECEIVED

SEP 04 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date Aug. 30, 1973

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OIL & GAS CONSERVATION COMMISSION
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1

3

2

W.R.

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec 3 Twp 41 North Rge 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, JUNE, 1973.

RECEIVED

AUG 01 1973

O & G CONS. COMM.

8. I hereby verify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date July 28, 1973

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OIL & GAS CONSERVATION COMMISSION
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2

WT

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, MAY, 1973

RECEIVED

JUN 20 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Terkin

Title Production Acct.

Date June 21, 1973

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
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Form No. 25

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, April, 1973

RECEIVED
 MAY 28 1973
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe A. Larkin Title Production Acct. Date 5-22-73

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 OIL & GAS CONSERVATION COMMISSION
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WA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER) _____	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, MARCH, 1973

RECEIVED

APR 20 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker

Title Production Acct. Date Apr. 18, 1973

Form No. 490

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
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WA
 SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec 3 Twp 41 North Rgc 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, February, 1973

RECEIVED

MAR 21 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date March 13, 1973

Form No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
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SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>
(OTHER) _____			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, JANUARY, 1973

RECEIVED

FEB 22 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date Feb 19, 1973

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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W A

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, December, 1972

RECEIVED

JAN 24 1973

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Carlson Title Production Acct. Date Jan 19, 1973

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OIL & GAS CONSERVATION COMMISSION
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SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____ <input type="checkbox"/>		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, November, 1972

RECEIVED

DEC 12 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed John L. Parkers

Title Production Acct. Date Dec. 12, 1972

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 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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WOK

2

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recumpletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, October, 1972

RECEIVED
 NOV 22 1972
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed Joe A. Larkin Title Production Acct. Date Nov 17, 1972

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 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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Form No. 490

6

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in, as having a productivity below economic limit. There was no status change as of, September, 1972

RECEIVED

OCT 20 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parkin Title Production Acct. Date Oct. 17, 1972

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
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Permit No. 490

SUNDRY NOTICES AND REPORTS ON WELLS

WA

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(OTHER) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of stating any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, August, 1972

RECEIVED

SEP 27 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parkin

Title Production Acct. Date Sept. 23, 1972

Form No. 8 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 2 Copies
 Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, July, 1972

RECEIVED

AUG 21 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed J. A. [Signature] Title Production Acct. Date August 11, 1972

F. Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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 Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in as having a productivity below economic limit. There was no status change as of, JUNE, 1972

RECEIVED

JUL 27 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date July 25, 1972

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 1 Copies

Permit No. 490

Form No. 25

10

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in as having a productivity below economic limit. There was no status change as of, MAY, 1972

RECEIVED

JUL 03 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Jae A. Parker Title Production Acct. Date June 27, 1972

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 1 Copies
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Form No. 490

WA

2

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, April 30, 1972.

RECEIVED
MAY 22 1972
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date May 19, 1972

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Form No. 490

12

SUNDRY NOTICES AND REPORTS ON WELLS

WA

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, MARCH 31, 1972

RECEIVED
 APR 24 1972
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Laikin Title Production Acct. Date April 20, 1972

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 25 Copies
 Form No. 25

Fruit No. 490

13

W.P.
SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:					
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit.
 There was no status change as of, FEBRUARY 29, 1972

RECEIVED

MAR 22 1972

O & G CONVS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date March 18, 1972

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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1

W/H

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rgc. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, January 31, 1972

RECEIVED
FEB 22 1972

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parbin Title Production Acct. Date February 8, 1972

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Form No. 490

15

WPA

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____ <input type="checkbox"/>		(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, December 31, 1971.

RECEIVED

JAN 13 1972

D & G CO.

8. I hereby certify that the foregoing is true and correct.

Signature Joe A. Lashin Title Production Acct. Date 1-11-72

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
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File Two Copies
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Permit No. 490

16

SUNDRY NOTICES AND REPORTS ON WELLS

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DEC 20 1

O & G CO. 30

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, November 30, 1971

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Falkin Title Production Acct. Date 12-12-71

Form No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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WA

2

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, October 31, 1971

RECEIVED

NOV 15 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe C. Larkins

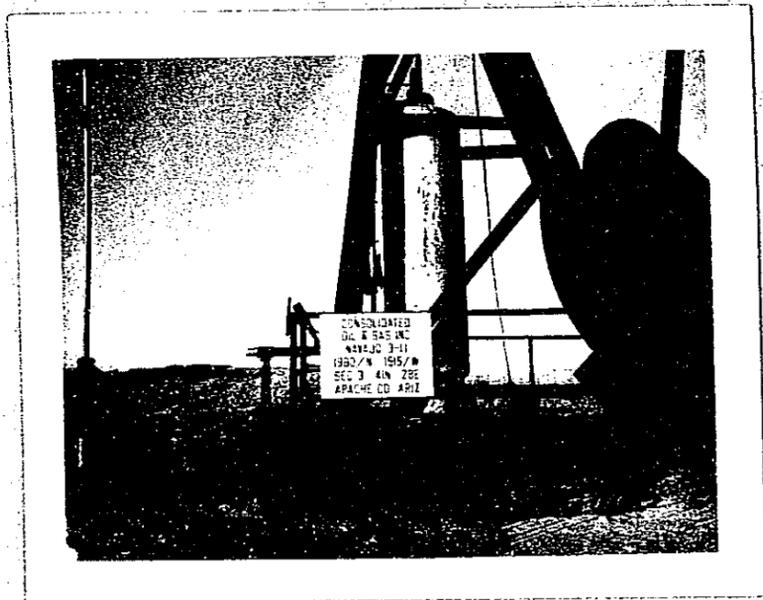
Title Production Acct.

Date Nov. 11, 1971

Form No. 490

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STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Incorrect legal description, should be 1980' FSL & 1915' FWL - Sec. 3-T41N-R28E.

17 490

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, September, 1971

RECEIVED
 OCT 18 1971
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker Title Production Acct. Date Oct. 14, 1971

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
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Permit No. 490

18

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease. Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data:

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>			REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, August 31, 1971

RECEIVED

SEP 16 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Tasker

Title Production Acct.

Date Sept. 14, 1971

Form No. 490

Form No. 25

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 OIL & GAS CONSERVATION COMMISSION
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W A

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, July 30, 1971.

RECEIVED

AUG 20 1971

O & G CONSV. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Taskin Title Production Acct. Date August 10, 1971

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
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Form No. 25

2

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name Navajo

Location Northeast quarter of the Southwest Quarter

Sec 3 Twp 41 North Rge 28 East County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, June 30, 1971

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JUL 16 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date July 13, 1971

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OIL & GAS CONSERVATION COMMISSION
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Petroleum Research Engineering
DALLAS, TEXAS

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CORE ANALYSIS RESULTS O & G CONS. COMM.

Company Consolidated Oil & Gas Company Formation Desert Creek File RP-3-2340
Well Navajo # 3-41-28-11 Core Type Dia. Conv. 4" Dev. Report 3-27-69
Field Boundary Butte Drilling Fluid 5% Diesel Analysis Eohl
County Apache State Arizona Elev. 5343 KB Location NE SW Sec 3-T11N-R28E

Lithological Abbreviations

SAND-SS SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CH GYP-UM-GYP	ANHYDRITE-ANHY CONGLOMERATE-CONC FOSSILIFEROUS-FOSS	SANDY-SS SHALE-SH LIME-LM	FINE FN MEDIUM-MED COARSE-COE	CRYSTALLINE-CRY QUARTZ-QZ GRANULAR-GRNL	BROKEN-BRK GRAY-GY JUGGY-JGY	FRACTURED FRAC LAMINATION-LAM CYCLO-CLC-CLC	SLIGHTLY VERY V WITH W
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		Horiz. KA	Vert. KA		OIL	TOTAL WATER	
1	4626-27	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, den-suc, vf, carb lam
2	4627-28	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, den-suc, vf
3	4628-29	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, den-suc, vf
4	4629-30	< 0.01	< 0.01	0.7	0.0	28.7	Ls, gry, den-suc, vf
5	4630-31	0.01*	< 0.01	0.6	0.0	33.3	Ls, gry, den-suc, vf
6	4631-32	0.04*	0.10*	0.8	25.0	50.0	Ls, gry, den-suc, vf
7	4632-33	< 0.01	< 0.01	1.7	11.8	47.1	Ls, gry, den-suc, vf
8	4633-34	< 0.01	< 0.01	1.7	11.8	52.9	Ls, gry, den-suc, vf
9	4634-35	< 0.01	< 0.01	1.6	12.5	56.2	Ls, gry, den-suc, vf
10	4635-36	< 0.01	< 0.01	1.0	20.0	40.0	Ls, gry, den-suc, vf
11	4636-37	< 0.01	< 0.01	1.0	20.0	40.0	Ls, gry, den-suc, vf
12	4637-38	< 0.01	< 0.01	1.5	0.0	60.0	Ls, gry, den-suc, vf

* Denotes fractured permeability
3-29-69 Desert Creek Formation

13	4638-39	< 0.01	< 0.01	1.0	0.0	90.0	Ls, Gry, suc vf
14	4639-40	< 0.01	< 0.01	1.1	0.0	81.9	Ls, gry, suc, vf
15	4640-41	< 0.01	< 0.01	0.3	0.0	66.7	Ls, gry, suc, vf
16	4641-42	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
17	4642-43	< 0.01	< 0.01	0.5	0.0	80.0	Ls, gry, suc, vf
18	4643-44	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
19	4644-45	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
20	4645-46	< 0.01	< 0.01	3.0	0.0	93.4	Ls, gry, suc, carb, vf
21	4646-47	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, suc, vf
22	4647-48	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
23	4648-49	< 0.01	< 0.01	1.3	0.0	84.6	Ls, gry, suc, vf
24	4649-50	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, suc, vf
25	4650-51	< 0.01	< 0.01	1.1	0.0	81.9	Ls, gry, suc, vf
26	4651-52	< 0.01	< 0.01	1.9	0.0	79.0	Ls, gry, suc
27	4652-53	< 0.01	< 0.01	2.3	0.0	82.6	Ls, gry, suc
28	4653-54	< 0.01	< 0.01	2.4	0.0	87.5	Ls, gry, suc
29	4654-55	< 0.01	< 0.01	1.6	0.0	81.2	Ls, gry, suc
30	4655-56	< 0.01	< 0.01	2.1	0.0	80.9	Ls, gry, suc
31	4655-57	< 0.01	< 0.01	2.0	0.0	55.0	Ls, gry, suc, vf
32	4657-58	< 0.01	< 0.01	0.9	0.0	44.4	Ls, gry, suc, vf
33	4658-59	< 0.01	< 0.01	1.0	0.0	60.0	Ls, gry, suc, vf
34	4659-60	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
35	4660-61	< 0.01	< 0.01	0.3	0.0	66.7	Dolo, gry, suc, sdy, carb, sl calc
36	4661-62	< 0.01	< 0.01	4.9	0.0	93.9	Dolo, gry, suc, sdy, carb, sl calc

490

19 These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. All errors and omissions excepted; but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representation, as to the productivity, proper operation or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

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Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. 2
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CORE ANALYSIS RESULTS

Company Consolidated Oil & Gas Company Formation Desert Creek File RP-3-2340
Well Navajo # 3-11-28-11 (#311) Core Type Dia. Conv. 4" Date Report 3-27-69
Field Boundary Butte Dallas Field 5% Diesel Analysis Mol.1
County Apache State Arizona Elev. 5343 KB Location NE SW Sec 3-T11N-12E

Lithological Abbreviations

SAND, SS SHALE, SH LIME, LM	COLOMITE, COL CHEST. CH GYPSUM, GYP	ANHYDRITE, ANHY CONGLOMERATE, CONG FOSSILIFEROUS, FOSS	SANDY, SDY SANDY, SHY LIME, LMY	FINE, FN MEDIUM, MED COARSE, COE	CLAY, CLY SILT, SILT GRAVEL, GRAV	ARGILL, ARG SILT, SILT SAND, SAND	FRAC, FRAC LIMONITE, LIM SILT, SILT	SLIGHTLY, SLT VERY, V WITH, W
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		Horiz. KA	Vert. KA		OIL	TOTAL WATER	
37	4662-63	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
38	4663-64	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
39	4664-65	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, suc, vf
40	4665-66	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc, vf
41	4666-67	< 0.01	< 0.01	0.3	0.0	66.7	Ls, gry, suc, vf
42	4667-68	< 0.01	< 0.01	0.6	0.0	33.3	Ls, gry, suc, vf
43	4668-69	0.01	0.01	1.7	29.4	47.1	Ls, gry, suc, few small vugs, vf
44	4669-70	0.01	0.01	2.6	19.2	38.4	Ls, gry, suc, few small vugs, vf
45	4670-71	< 0.01	< 0.01	1.6	0.0	83.2	Ls, gry, suc, vf
46	4671-72	< 0.01	< 0.01	0.6	0.0	66.7	Ls, gry, suc, vf
47	4672-73	< 0.01	< 0.01	0.5	0.0	80.0	Ls, gry, suc, dolo, vf
3-30-69 AKAH FORMATION							
48	4775-76	43.	15.	15.0	13.3	23.3	Dolo, brn, suc, sl calc, vgy, vf
49	4776-77	115.	74.	17.3	15.6	26.6	Dolo, brn, suc, vgy, sl calc, vf
50	4777-78	34.	120.	19.0	19.5	32.6	Dolo, brn, suc, sl calc, vgy, vf
51	4778-79	58.	74.	20.7	20.8	26.1	Dolo, brn, suc, sl calc, vgy, vf
52	4779-80	8.5	6.9	17.7	29.4	26.0	Dolo, brn, suc, sl calc, vgy, vf
53	4780-81	10.	62.	15.3	30.7	15.7	Dolo, brn, suc, sl calc, vgy, vf
54	4781-82	1.2	0.4	13.6	15.4	11.7	Dolo, brn, suc, sl calc, vgy, vf
55	4782-83	0.1	0.01	12.4	16.9	17.7	Dolo, brn, suc, sl calc, vf
56	4783-84	3.1	1.2	11.6	18.1	25.0	Dolo, brn, suc, sl calc, vf
57	4784-85	0.08	0.17	11.1	29.7	20.7	Dolo, brn, suc, sl calc, vf
58	4785-86	0.01	0.12	7.0	10.0	48.6	Dolo, gry, den-suc, sl calc, vf
59	4786-87	0.07	0.01	7.2	6.9	45.8	Dolo, gry, den-suc, sl calc, vf

VF denotes vertical fracture

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. and its employees, assuming no responsibility and making no warranty or representation, as to the productivity, or other operations, or probabilities, of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CA 20

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Be file
Well No. 3
H90

CORE ANALYSIS RESULTS

Company Consolidated Oil & Gas Company Formation Barker Creek File RP-3-2410
Well Navajo # ~~3-11-28-11~~ Core Type Dia. Conv. 4" Date Report 4-9-69
Field Boundary Butte Drilling Fluid Chem-Gel 5% Diesel Analysts Paul
County Apache State Arizona Elev. 5343 KB Location NE SW Sec 3-T4N-R2E

Lithological Abbreviations

SAND-SD SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CH GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE CONG FOSSILIFEROUS-FOSS	SANDY-SDY SHALY-SHY LIMY-LMY	FINE-FN MEDIUM-MED COARSE-CSE	CRYSTALLINE FLN GRAIN GRN GRANULAR-GRNL	BROWN-BRN GRAY-GY JUGGY-JGY	FRACTURED-FRAC LAMINATION-LAM STYLOLITE-STL	SLIGHT-SLT SEMI-SMI WITH-WTH
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		Horiz. KA	Vert. KA		OIL	TOTAL WATER	
60	5075-96	< 0.01	< 0.01	0.6	0.0	33.3	Dolo, gry, den-suc, shly
61	5076-97	< 0.01	< 0.01	1.7	0.0	88.2	Dolo, gry, den-suc, shly
62	5077-98	< 0.01	< 0.01	1.4	0.0	92.9	Dolo, gry, den-suc, shly
	5078-99	Blk shale not analyzed					
63	5099-00	< 0.01	< 0.01	0.3	0.0	66.7	Ls, gry, suc, shly
64	5100-01	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, suc, vf
65	5101-02	< 0.01	< 0.01	0.7	0.0	28.4	Ls, gry, suc, vf
66	5102-03	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc
67	5103-04	< 0.01	< 0.01	0.6	0.0	33.3	Ls, gry, suc
68	5104-05	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc
69	5105-06	< 0.01	< 0.01	0.5	0.0	40.0	Ls, gry, suc
70	5106-07	< 0.01	< 0.01	0.4	0.0	50.0	Ls, gry, suc
71	5107-08	< 0.01	< 0.01	1.2	0.0	41.6	Ls, gry, suc
72	5108-09	< 0.01	< 0.01	0.5	0.0	80.0	Dolo, gry, suc, calc
73	5109-10	< 0.01	< 0.01	1.0	0.0	90.0	Dolo, gry, suc, sl/calc, vf
74	5110-11	< 0.01	< 0.01	0.9	0.0	77.7	Dolo, gry, suc, sl/calc, vf
75	5111-12	< 0.01	< 0.01	1.8	0.0	94.4	Ls, gry, suc, dolo, vf
76	5112-13	< 0.01	< 0.01	4.3	0.0	81.4	Ls, gry, suc, dolo, vf
77	5113-14	< 0.01	< 0.01	3.4	0.0	82.3	Dolo, gry, suc, sl/calc, vf
78	5114-15	< 0.01	< 0.01	2.8	0.0	92.9	Ls, gry, suc, dolo, vf
79	5115-16	< 0.01	< 0.01	2.8	0.0	92.9	Dolo, gry, den, shly, vf

VF DENOTES VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted), but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representation, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, April 30, 1971.

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 MAY 24 1971
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed J. A. Larkin Title Production Acct. Date May 20, 1971

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 OIL & GAS CONSERVATION COMMISSION
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W/P
S
SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, March 31, 1971.

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APR 26 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date April 22, 1971

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 OIL & GAS CONSERVATION COMMISSION
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SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	<input checked="" type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, February 28, 1971

RECEIVED

MAR 15 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker Title Production Acct. Date March 12, 1971

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
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SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec 3 Twp 41 North Rge 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well as shut-in as having a productivity below economic limit. There was no status change as of, January 31, 1971, from previous report.

RECEIVED

FEB 24 1971

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date February 19, 1971

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 5 Copies
 Form No. 25

Permit No. 490

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

T-A

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator Consolidated Oil & Gas, Inc. Address 1860 Lincoln Street, Denver, Colorado

Federal, State or Indian Lease Number or name of lessor if fee lease Navajo #7 Wall Number 3-11-2000-1 Field & Reservoir East Boundary Butte

Location NE/4 SW/4 Sect. 3-T41N-R28E County Apache

Sec. TWP-Range or Block & Survey 3-T41N-R28E

Date spudded 3/17/69 Date total depth reached 4/8/69 Date completed, ready to produce 5/7/69 Elevation (DF, S&S, RT or Gr.) 5343 KB feet Elevation of casing hd. range 5331' feet

Total depth 5706 P.B.T.D. 4760 Single, dual or triple completion? single If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion 4615-21' Rotary tools used (interval) --- Cable tools used (interval) ---

Was this well directionally drilled? --- Was directional survey made? --- Was copy of directional survey filed? --- Date filed ---

Type of electrical or other logs run (check logs filed with the completion) none on this workover Date filed ---

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
4 shots	1/2" jet	4615-21	2000 gal. 15% HCl	4615-21

INITIAL PRODUCTION

Date of first production T-A Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) None

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
---			bbls.	MCF	bbls.	* API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold): ---

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am a Petroleum Engineer.....of the Consolidated Oil & Gas, Inc.(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 1/19/71

Signature *D. E. Smink* RECEIVED

JAN 22 1971

Permit No. 490

Form No. 4

STATE OF ARIZONA CONS. COMM.
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy

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LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

Consolidated Oil & Gas, Inc.

Well File

WORKOVER REPORT

NAVAJO #3-41-28-11: NE SW Section 3-T41N-R28E
Apache County, Arizona
(East Boundary Butte)

- 12/29/70: Rigging up pulling unit, single down rods and BH pump.
- 12/30/70: Installed BOP, and pulled 112 jts. 2-7/8" tubing. SD for night.
- 12/31/70: Pulled 43 jts. 2-7/8" tubing (total of 155 jts. pulled). Rigged up Welex, ran gauge ring to 4800'. Tagged FL at 1750'. Set Baker Model "N" CIBP at 4760'. Perf. 4615-21' w/4" OD casing jet, 4 JSPF. Ran 151 jts. 2-7/8" tubing w/PSN set at 4639'. Installed wellhead. Swabbed well for 2 hrs., rec. 30 bbls. total fluid (salt wtr.), FL at 4000' (well swabbing down).
- 1/1/71: Swabbed down to 4300' in 2 hrs. Rec. 26 BSW. Waited one hour. Tagged fluid at 4300'. Swabbed well dry to 4600' while waiting for B.J. Rigged up B.J. Loaded hole w/ 102 BSW. Acidized 4615-21' w/2000 gals. 15% HCl. Put acid on spot. Pressured up to 800 psi, pressure broke to 400 psi in 3 min. Treated well at 2 BPM, 400 psi. Flushed w/30 BSW. ISI 200 psi, 5 min. 75 psi. 180 BLW to rec.
- 1/2/71: SITP zero, SICP zero. Tagged FL at 1200'. Swabbed well for 3-1/2 hrs. Swabbed down to 4600'. Rec. 75 BSW. Swabbed well for 3 hrs., rec. 1-1/2 BSW. SI one hr. Casing pressure increased to 5 psi. Pulled swab once from 4600'. Rec. 1/2 BSW. SD for night. Lack 103 BLW to recover.
- 1/3/71: SICP 50 psi (gas pressure). Tagged FL at 4500'. Pulled swab, rec. 1/2 BSW. Made second pull, rec. 1/2 BSW. Pulled tubing, laid down tubing in singles. Rigged down. Final Report.

490:

24

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JAN 22 1971

O & G CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) T-A
 3. Well Name Navajo 3-41-28-11 (No. 3 Navajo)
 Location NE SW Sec. 3-T41N-R28E, 1980' FSL & 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease East Boundary Butte 7 (14-20-603-226)
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER) <u>perforating and testing</u>	<input checked="" type="checkbox"/>
(OTHER)	<input type="checkbox"/>				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Set CIBP at 4760'. Perforated 4615-21', 4 JSPF. Ran tubing w/PSN at 4639'. Acidized w/2000 gal. 15% HCl. Swabbed well down (see attached daily report of operations). Well is Temporarily Abandoned.

RECEIVED
 JAN 22 1971
 O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed D. E. Smink Title Petroleum Engineer Date 1/15/71
 D. E. Smink

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

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WA

2
SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rge. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease. Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in as having a productivity below economic limit. There was no status change as of November 30, 1970

RECEIVED
DEC 21 1970
O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Parker Title Production Acct. Date 12-18-70

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 490

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo 3-41-28-11 (No. 3 Navajo)
 Location NE SW Sec. 3-T41N-R28E, 1980' FSL & 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease East Boundary Butte 7 (14-20-603-226)
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____ <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>Perforate and test</u> <input checked="" type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On or about December 10, 1970, move in completion unit. Pull tubing. Perforate and stimulate the intervals 4598-4602 and 4616-4622 (Neutron Porosity Log). Selectively test perforations 4598-4602 and 4616-4622. If feasible, commingle new perforations with existing perforations 4778-4782.

RECEIVED

NOV 30 1970

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed D. E. Smink D. E. Smink Title Petroleum Engineer Date 11/25/70

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Form No. 25

Permit No. 490

SUNDY NOTICES AND REPORTS ON WELLS

WA

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo
 Location Northeast quarter of the Southwest Quarter
 Sec. 3 Twp. 41 North Rgc. 28 East County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Indian Lease
Navajo Tribal, Contract Number 14-20-603-226
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Temporary Abandonment</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 21, 1970, this well was shut-in pending a study to determine the feasibility of reducing the water-oil ratio. Lifting and handling the 96.16 percent produced water volume has brought the well below an economic limit. During August, 1970, subject well produced 20 1/2 days at the rate of 9.25 BOPD, 231.56 BWPD and 5.56 MCFPD. There are two remaining wells producing on the lease.

RECEIVED
 NOV 16 1970
 O & G CONS. COMAL

8. I hereby certify that the foregoing is true and correct.

Signed Joe A. Larkin Title Production Acct. Date November 13, 1970

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File 2 Copies
 Form No. 25

Permit No. 490

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NAVAJO #3-41-28-11; (WORKOVER)

9/4/69: Well attempting to flow thru casing. Produced 45 BO + 85 BW (est.) -- 21 hr. test.

9/5/69: 32 BO + 225 BW in 24 hrs. (14 x 54" spm).

9/6/69: 41 BO + 201 BW in 24 hrs. Well attempting to flow thru casing.

9/7/69: 45 BO + 230 BW in 24 hrs.

9/8/69: 22 BO + 163 BW - Down 16 hrs. Engine trouble.

9/9/69: 23 BO + 166 BW - Down 19 hrs. - installing gas separator.

9/10/69: 33 BO + 208 BW in 24 hrs. Will change pump stroke from 54 to 72" today.

9/11/69: 36 BO + 303 BW in 21 hrs. (14 x 84" spm).

9/12/69: 33 BO + 284 BW in 22 hrs.

9/13/69: 51 BO + 276 BW in 24 hrs.

9/14/69: 59 BO + 297 BW in 24 hrs. (15 x 84" spm).

9/15/69: 59 BO + 297 BW in 24 hrs. (14 x 74" spm w/2" pump).

9/16/69: 36 BO + 271 BW in 24 hrs.

9/17/69: 25 BO + 231 BW in 15 hrs. Down 9 hrs. switching flowline.

9/18/69: 39 BO + 305 BW in 24 hrs.

9/19/69: 42 BO + 295 BW in 24 hrs.

9/20/69: 39 BO + 303 BW in 24 hrs.

9/21/69: 8 BO + 71 BW (down 16 hrs. -- engine drown-out).

9/22/69: 26 BO + 310 BW in 24 hrs.

9/23/69: No report.

9/24/69: 39 BO + 300 BW in 24 hrs.

9/25/69: 39 BO + 297 BW in 24 hrs.

9/26/69: 45 BO + 298 BW in 24 hrs. Final Report. Transferred to Production Report.



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29

CONSOLIDATED OIL & GAS, INC.

NAVAJO #3-41-28-11: NE SW Sect. 3, T41N-R28E, Apache County, Arizona
Elev. 5331' Gr. WORKOVER

8/30/69: Hooked up hot oil unit on tubing and attempted to pump out paraffin plug at 3000 psi. Pressured to 4000 psi w/Dowell, and pumped paraffin plug out. Hot oiled tubing w/56 bbls., acidized w/5000 gals. 15% HCl, and flushed w/oil. Average acidizing pressure = 500 psi. Pressure at end of job = 600 psi. Started swabbing w/FL at 200', SD= 600'. Recovered as follows:

4:30 - 5:30 PM	25 BO	25 B acid wtr.
5:30 - 6:30 PM	4 BO	30 B acid wtr.
6:30 - 7:30 PM	3 BO	25 B acid wtr.

Recovered total of 32 BO and 75 B acid wtr. Total load = 88 BO and 119 B acid wtr.

8/31/69: Started swabbing w/FL at 1000' (8:00 AM) as follows:

8:00 - 9:00 AM	5 BO	38 B acid wtr.
9:00 - 10:00 AM	2 BO	20 B acid wtr.

Shut down for rig repairs, replaced well head. Unable to set anchor catcher. FL 1600' at 4:00 PM. Resumed swabbing:

4:00 - 5:00 PM	4 BO	36 B acid wtr.
5:00 - 6:00 PM	15 BO	15 B acid wtr.
6:00 - 7:00 PM	4 BO	31 B acid wtr.

Total recovery: 62 BO and 215 B acid wtr.

9/1/69: Swabbed 1 hr., found FL at 2000'. From 8:00 to 9:00 AM (SD 3200'), recovered 6 BO and 24 B acid wtr. Pulled tubing, left mud anchor in hole. Made trip and recovered mud anchor. SD for night. Will run pumping equipment. Recovered 119 BW over load, lack 20 BO to recover.

9/2/69: Started rig up at 7:30 AM. 1/2 hr. rigging up mud anchor and seating nipple. Ran tubing as follows: (1) 2-7/8" x 12' mud anchor (perf. top 2' of mud anchor); (1) 2-1/4" x 2-7/8" Seating nipple; (1) jt. 2-7/8" tubing; (1) 2-1/2" x 5-1/2" Baker tubing anchor catcher; 153 jts. 2-7/8" 8 rd. E.U.E. J-55 tubing; (2) 2-7/8" x 6' subs; anchor set w/15,000# tension. Ran pump and rods as follows: (1) 2-1/2" x 2" x 16' B.H.D. w/std. hold down; (1) 3/4" x 2' pony rod; (135) 3/4" x 25' rods; (53) 7/8" x 25' rods; (1) 7/8" x 10' pony rod; (1) 7/8" x 2' pony rod; (1) 1-1/4" x 22' polish rod. Hung well on at 2:00 PM, 9/1/69. Pumped up at 3:00 PM (6 hr. check on prodn. = 4 BO and 62 BW, 14 x 54" spm). Have 181 BW over load. Lack 16 BO having load oil recovered.

9/3/69: 43 BO + 62 BW in 12 hrs. (27 bbls. new oil). Down 12 hrs. w/engine trouble.



WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: **Consolidated Oil & Gas, Inc.** Address: **1860 Lincoln Street, Denver, Colorado 80203**

Federal, State or Indian Lease Number or name of lessor if fee lease: **Navajo #7** Well Number: **3-41-28-11** Field & Reservoir: **East Boundary Butte - Akah**

Location: **NE/4 SW/4, Section 3, T-41N, R-28E** County: **Apache**

Sec. TWP-Range or Block & Survey: **NE SW Section 3, T-41N, R-28E**

Date spudded: **3/17/69** Date total depth reached: **4/8/69** Date completed, ready to produce: **5/7/69** Elevation (DF, RKB, RT or Gr.) feet: **5343 KB** Elevation of casing hd. flange feet: **5331**

Total depth: **5706'** P.B.T.D.: **5660'** Single, dual or triple completion?: **Single** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: **4778' - 4782'** Rotary tools used (Interval): **All** Cable tools used (Interval): **- - -**

Was this well directionally drilled?: **No** Was directional survey made?: **No** Was copy of directional survey filed?: **- - -** Date filed: **- - -**

Type of electrical or other logs run (check logs filed with the commission): **Movable Oil Plot, Neutron Porosity, Cement Bond, Formation Density, Dual Induction-Laterolog, Bore Hole Comp. w/GR, Temp. Survey, Perforating Depth Control** Date filed: **4/24/69**

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4"	8-5/8"	24#	323'	200 sx	None
Production	7-7/8"	5-1/2"	14 & 15.5#	5708'	500 mud flush 300 sx & 358 sx	None

TUBING RECORD			LINER RECORD (in two stages)			
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement
2-7/8 in.	4792 ft.	None ft.	None in.	- - - ft.	- - - ft.	- - -

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
4	jet	4810' - 4812'	cmt. squeezed w/50 sx	4810' - 4812'
4	jet	4778' - 4782'	250 gals 15% HCL, and	4778' - 4782'

INITIAL PRODUCTION 1000 gals. SAF acid " "

Date of first production: **4/18/69** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): **swabbing**

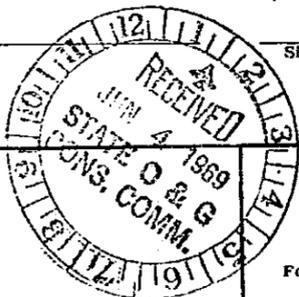
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
5/7/69	24	Rod Pump	25 bbls.	TSTM MCF	58 bbls.	38.6° API (Corr)

Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
Rod Pump	- - -	- - -	25 bbls.	TSTM MCF	58 bbls.	- - -

Disposition of gas (state whether vented, used for fuel or sold): **Used for fuel**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am **Ge. a. Petroleum Engineer** of the **Consolidated Oil & Gas, Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: **June 2, 1969** Signature: **D. E. Smink**



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4 File One Copy

Permit No. **490**

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Desert Creek	4612'	4638'	DST #1: Rec. 40' M, slight trace oil. Tool open 135 min. SI 90 min. Press. HP 2227/2200, FP 80.9/80.9, SI 404/727. Sample contained 2650 cc GCM w/no free gas., 40 psi, Temp. 65° F., Chloride 880 ppm.
Akah	4760'	4793'	DST #2: Rec. 1100' fluid - - - 30' G & OCM, 630' O, 240' SWCO, 200' SW, tool open 135 min., SI 90 min. Press: HP 2227.1/2227.1, FP 134.8 - 161.7/161.7 - 377.4, & SI 1342.2/1315.6.
Lower Akah	4840'	4895'	DST #3: Rec. 810 cc total fluid: 70% O, 22% W, & 8% M. Tool open 135 minutes, SI 90 minutes. HP 2281/2281, SI 1289/834, FP 270/216.
Lower Paradox	5228'	5253'	DST #4: Rec. 360' G & SOCM & SW, & 1740' GCSW. Tool open 195 minutes, SI 90 minutes. Pressure: HP 2447/2447, PFP 240 - 373, FFP 346 - 957, SIP 1647.
Mississippian	5675'	5702'	DST #5: Rec. 270' G & OCM, & 2320' GCSW. Tool open 105 minutes, SI 60 minutes. Press: HP 2688/2688, SI 1807/1807, FP 80 - 373/293 - 1169.
			<u>Core Analyses Previously Submitted</u>

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

- 4/24/69: Opened by-pass on packer, swabbed all water from annulus. Pulled tubing and packer. Re-ran tubing for production as follows:
- (1) 2-7/8" x 12' mud anchor
 - (1) seating nipple
 - (1) jt. 2-7/8" tubing
 - (1) tubing catcher
 - (154) jts. 2-7/8" o. d. 8 rd E. U. E. tubing
 - (2) 2-7/8" x 6' tubing subs;
- Seating nipple at 4780'. Present operation: running rods.
- 4/25/69: Ran 1- 1" x 6' gas anchor, 1- 1-3/4" x 16' pump, 1- 2' x 3/4" sub, 135- 3/4" x 25' rods, 53- 7/8" x 25' rods, 1- 7/8" x 10' pony rod. Finished in hole at 12:00 Noon. Released rig. Present operation: hooking up production equipment.
- 4/26/69: Hooking up production equipment.
- 4/27/69: Finished hooking up. Will start pumping this AM.
- 4/28/69: Well went on pump at 2:00 PM, 4/27/69. Pumping 13 spm x 74" x 1-3/4" pump. Filled 3" flow line + 6' heater + 3 BO to tanks (18 hrs.).
- 4/29/69: 36 BO + 63 BW in 15 hrs. Down 9 hrs. for engine repairs.
- 4/30/69: 34 BO + 61 BW in 24 hrs. (will pressure test pump and shoot fluid level).
- 5/1/69: 6 BO + 7 BW in 4 hrs. Unit down -- appears to have parted rods.
- 5/2/69: Changed out pump -- ran 1-3/4" x 16'. Well produced 40 BO + 111 BSW in 18 hrs.
- 5/3/69: 23 BO + 67 BW in 2r hrs. Well appears to be pounding fluid. Will shoot fluid level.
- 5/4/69: 23 BO + 68 BW in 24 hrs. Shot fluid level at 154 jts., opposite Baker tubing anchor. PSN is one jt. below tubing anchor.
- 5/5/69: 21 BO + 62 BW in 24 hrs.
- 5/6/69: No report.
- 5/7/69: 21 BO + 68 BSW in 24 hrs. Pump pounding fluid.
- 5/8/69: 25 BO + 58 BW in 24 hrs. Final Report. Transferred to Production Report.

Drillers 490
Log



4/21/69: Swabbed well follows: (4/20/69)

TIME	SD	FL	REMARKS	REC.
7:30 - 8:00 AM	4700'	4700'	Scattered	7.0 BF (1% w/good gas)
9:00	4700'	4700'	Scattered	14.0 BF (10% w/good gas)
10:00	4700'	4700'	Scattered	8.1 BF (15% w/good gas)
11:00	4700'	4700'	Scattered	4.6 BF (50% w/good gas)
12:00 Noon	Draining water off tanks.			
1:00 PM	4700'	4700'	Scattered	7.0 BF (30% w/good gas)
2:00	4700'	4700'	Scattered	6.0 BF (40% w/good gas)

Acidized well w/1000 gals. of B-J's "SAF" acid, IPIP w/acid = 600 psi at 1/2 BPM, FPIP w/acid = 800 psi at 1/2 BPM. Acid job completed at 3:30 PM. Shut well in for night on B-J's recommendation. SITP at 7:00 AM (4/21/69) = 25 psi (16 hrs.), FL 800'. Will resume swabbing.

4/22/69: Swabbed well as follows:

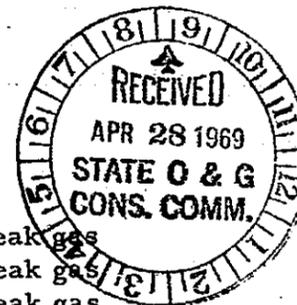
TIME	FL	SD	REC.	REMARKS
(AM) 8 - 9	3800	4700	30.0 BF	Emulsion S. A. F. (oil & chem.)
10	4200	4700	21.0 BF	" " " "
11	4200	4700	17.0 BF	" " " "
12	4200	4700	10.4 BF	" " weak gas
1	4700	4700	8.0 BF	" " weak gas
2	4700	4700	4.6 BF	Trace of free oil, including gas
3	4700	4700	5.8 BF	Trace of free oil, good gas
4	4700	4700	7.0 BF	" " " "
5	4700	4700	7.0 BF	20% wtr., 80% oil, good gas
6	4700	4700	7.0 BF	30% wtr., 70% oil, good gas
6:30	4700	4700	4.0 BF	25% wtr., 75% oil, good gas

Left well open to tank overnight -- produced no fluid. FL at 7:00 AM = 2500'. Will continue swabbing today.

4/23/69: FL this AM = 2500'. Swabbed well as follows:

TIME	SD	FL	REC.	REMARKS
(AM) 8 - 9	4700	4200	23.00 BF	25 to 30% wtr., weak gas
10	4700	4200	9.60 BF	25 to 30% wtr., weak gas
11	4700	4200	11.60 BF	30 to 50% wtr., weak gas
12	4700	4200	11.60 BF	30 to 50% wtr., weak gas
1	4700	4200	9.28 BF	30 to 50% wtr., weak gas
2	4700	4200	5.80 BF	(1 pull) - draining wtr., moving oil from test tank.
3	4700	4200	9.28 BF	30 to 50% wtr., weak gas
4	4700	4200	9.28 BF	30 to 50% wtr., weak gas
5	4700	4200	9.28 BF	40 to 50% wtr., weak gas
6	4700	4200	9.12 BF	40 to 50% wtr., weak gas

Swabbed 108 BF in 10 hrs. Will put on production.



490

4/19/69: On location at 7:30 AM. Swabbed down to 1500'. Rigged up Schlumberger and perforated 4778-82' (GR Density Log) w/4 JSPF. Went in hole w/2 jts. 2-7/8" EUE tailpipe, Baker Model "R" double-grip packer, 154 jts. 2-7/8" EUE 8 rd J-55 tubing, 2 (6') and 1 (4') 2-7/8" EUE 8 rd tubing subs, for a total of 4782' of pipe. Bottom of tailpipe opposite bottom perforation at 4782', packer set at 4712' w/ 14,000# wgt. Started swabbing at 1:00 PM. 1:00 to 4:40 PM, swabbed tubing dry to packer. Rigged up Halliburton and spotted 250 gals. 15% HCl across perforations. Let acid soak for 10 mins. Pressured up to 200 psi on tubing. Perforations started taking acid at 1/2 BPM at 0 psi. Acid away at 3:20 PM. Started swabbing at 3:30 PM. Swabbed as follows:

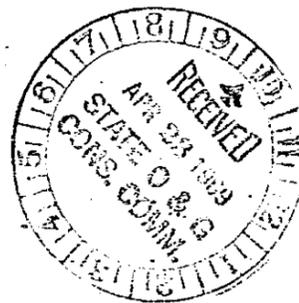
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3:30 - 4:30 PM: Swabbed well down to packer at 4712', recovered total 36.4 BF. Total load and acid = 34 B.
 4:30 - 5:30 PM: Recovered 12 BO w/trace of water and good gas. SD for night.

4/20/69: SITP = 800 psi (7:00 AM -- 14 hr. SI). Opened well on 1/2" choke at 7:30 AM. 7:30 - 8:00 AM flowed gas -- FTP on 1/2" choke = 125 psi at 8:00 AM. 8:00 - 8:30 AM produced 7 BO -- no water, FTP = 0 psi at 8:30 AM. 8:30 - 9:00 AM swabbed 7 BO, SD 4700'. Continued swabbing as follows:

9:00 - 10:00 AM	SD 4700'	FL Scattered and Gassy	Rec. 12 BF, tr. wtr.
10:00 - 11:00	4700'	Scattered and Gassy	9.6 BF, 50% wtr., good gas.
11:00 - 12:00 Noon	4700'	Scattered and Gassy	9.6 BF, tr. wtr., good gas.
12:00 - 1:00 PM	4700'	Scattered and Gassy	9.6 BF, 33% wtr., good gas.
1:00 - 2:00	4700'	Scattered and Gassy	6 BF, 40% wtr., good gas.
2:00 - 3:00	4700'	Scattered and Gassy	4.8 BF, 30% wtr., good gas.
3:00 - 4:00 PM	SD 4700'	FL Scattered and Gassy	Rec. 4.8 BF, 25% wtr., good gas.
4:00 - 5:00	4700'	Scattered and Gassy	3.6 BF, 20% wtr., good gas.

Will leave well open on 1/2" choke overnight.



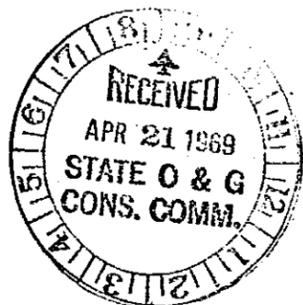
490 - 37

- 4/12/69: Waiting on trucks to move out rotary.
- 4/13/69: Waiting on trucks to move out rotary.
- 4/14/69: Moving out rotary tools today. Will move in completion rig tomorrow.
- 4/15/69: Moved in completion rig late evening. Will rig up today and start running bit, scraper, and 2-1/2" tubing.
- 4/16/69: Ran 4-3/4" bit and casing scraper to 3560' (top of cement). Started drilling at 5:00 PM. Drilled scattered cement from 3560' to 3606'. Drilled D. V. collar at 3606' and shut down for night.
- 4/17/69: Crew on location at 7:30 AM. Pressured up on casing to 2000 psi to test D. V. collar -- collar held OK. Dropped down to 5660' TDPB (FC 5671'). Pulled out of hole. Rigged up Schlumberger. Ran GR Correlation log from 5660 to 4500'. Ran Cement Bond log from 5660' to 4500'. Perforated 4810-12' (4 JSPF). Ran and set Halliburton 5-1/2" SV-CI cement retainer at 4798' KB. Started in hole w/stinger and tubing at 5:15 PM. Ran 600' tubing and shut down for night.

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TD	-	4834	Good Bond
4834	-	4808	Poor Bond
4808	-	4794	Fair to Good Bond
4794	-	4780	Poor Bond
4780	-	Up	Good Bond

- 4/18/69: Finished in hole w/tubing and stinger. Landed in retainer at 4798'. Tested tubing to 1500 psi -- held OK. Opened retainer and pressured up on perforations: 4810-12'. Perforated interval started taking fluid at 1400 psi., pressure decreased to 1000 psi at 2 BPM. Formation went on vacuum. Started mixing cement at 9:30 AM. Cement squeezed perforations: 4810-12', w/50 sx Halliburton LWL cement. Initial cement PIP 800 psi, max. and final cement PIP 1500 psi (w/30 sx out perforations). Pulled up out of retainer and reversed out 12 sx cement. Mixed and spotted treated salt water in hole. Pulled out of hole w/tubing and retainer stinger. Shut down for night. Will swab fluid level to 1500' in casing and perforate Upper Akah this AM.



4/6/69: Days 20. Depth 5378' (125' in 17-1/4 hrs.). Bit #9 in at 5118', out at 5378' (260' in 37 hrs.). Visc. 50, MW 8.9, WL 6.8, FC 2/32, ph 11, 5% oil. 5-1/4 hrs. tripping, 17-1/4 hrs. drilling, & 1-1/2 hrs. circulating. Present operation: tripping.

4/7/69: Days 21. Depth 5537' (159' in 21 hrs.). Bit #10 in at 5378' -- now drilling (159' in 21 hrs.). MW 8.9, Visc. 48, WL 7, FC 2/32, ph 11, 4-1/2% oil. Present operation: drilling ahead.

4/8/69: Days 22. Depth 5687' (150' in 18 hrs.). Bit #10 in hole at 5378', out at 5578' (200' in 27 hrs.). Bit #11 in hole at 5578' -- drilling. Visc. 47, MW 8.9, WL 6, FC 2/32, ph 11, oil 5%.

4/9/69: Days 23. Depth 5706' (TD), drilled 19' in 3/4 hr. Present operation: logging. Ran DST #4: 5675-5706' (Leadville Fm.). Recovered 2590' fluid: 270' G & OCM + 2320' GCSW. Sampler contained 100% SW. Pressures were as follows:

74
DST 5
Ran DST #4
4/9/69

	Initial	Final	Remarks
HP	2688	2688	--
ISI	1807	--	30 min.
IF	80	373	15 min.
FF	293	1169	90 min.
FSI	--	1807	30 min.



15 min. IF opened w/weak blow, increased to strong in 5 min. and remained strong.

90 min. FF opened w/weak blow, increased to strong in 5 min. and remained strong thruout test.

Visc. 60, MW 9.0, WL 6.4, FC 2/32, ph 10.5, 4% oil.

4/10/69: Days 24. Depth 5706'. 11-3/4 hrs. logging, 1 hr. loading out core, 1-3/4 hrs. tripping in hole, 3 hrs. circulating and conditioning hole, 3-1/2 hrs. laying down drill pipe, 3 hrs. rigging up and running 5-1/2" casing. On bottom w/casing at 8:00 AM.

4/11/69: Ran casing as follows: 176 jts. (5-1/2", 14 & 15.5#, J-55), total of 5718' set at 5708' (casing measurements) -- bottom 321' is 15.5#/ft. D.V. collar set at 3609' KB, F.C. at 5671' KB.

First Stage Cement: 500 gal. mud flush; 200 sx Halliburton lite-wgt. w/10% salt and 12-1/2#/sx Gilsonite; 100 sx Type "G" w/10% salt and 12-1/2#/sx Gilsonite. Plug down at 9:00 AM, 4/10/69. Pressured to 1500 psi, released pressure -- float held OK. Opened D.V. collar at 9:15 AM. Circulated from 9:15 AM to 1:15 PM.

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Second Stage Cement: 358 sx lite-wgt. w/10% salt and 12.5#/sx Gilsonite. Plug down at 1:45 PM, 4/10/69. Closed D.V. collar w/1800 psi., released pressure -- float held OK. Released rotary at 1:45 PM, 4/10/69. Ran temperature survey -- top of cement indicated at 1700'. Waiting on rotary to move off location.

3/31/69: Bottom hole sampler re DST #2 (Akah): Press. 320 psi. Recovered 810 cc total fluid (70% oil, 22% water & 8% mud). Gas = 0.76 ft.³. Oil gravity 38.6 at 60° F. Water = 1.07 S.G. $R_w = 2.3$ at 60° F. Cl = 64,000 ppm. Total solids = 107,000 ppm. ph = 6.5

4/1/69: DST #3 (Lower Akah) -- Pressures:

HP 2280/2280.8
SI 1288.8/833.8
FP 269.5-215.6/215.6-242.6

Recovered 825' fluid: 400' GCM and 425' GCSW (+sulfur). IF -- tool opened w/weak blow, increasing to strong (gas to surface in 4 min.). FF -- opened w/strong blow, decreased to weak in 45 min. and remained weak.

Bottom hole sampler: Press. 235 psi at 78° F. BHT = 142° F. Recovered 900 cc total fluid (all salt water, 32,000 ppm), 0.8 ft.³ gas (flammable). $R_w = 0.136$ at 78° F. Resistivity at 78° F, Cl (mud filtrate) = 1000 ppm, $R_{mud} = 1.14$ at 78° F.

4/2/69: Days 16. Depth 5014' (119' in 17 hrs.). Bit #9 in at 4793' (221' in 25-1/2 hrs.) -- now drilling. Visc. 48, MW 8.9, WL 6.4, FC 2/32, ph 12.0, 4% oil. Present operation: drilling ahead.

4/3/69: Days 17. Depth 5110' (96' in 16 hrs.) Bit #9 drilled 302' in 35-3/4 hrs. Core #4 in at 5095'. Present operation: coring at 5110'. Visc. 40, MW 8.9, WL 6.4, FC 2/32, ph 12, 5% oil.

4/4/69: Days 18. Depth 5205' (drilled and cored 95'). Core #4: 5095-5118'. Cut and recovered 23' in 10-1/4 hrs. Bit #9 in at 5118' -- now drilling (87' in 13-1/4 hrs.). Visc. 50, MW 8.9, WL 7, FC 2/32, ph 11.5, 5% oil.

4/5/69: Days 19. Depth 5253' (48' in 6-1/2 hrs.). Bit #9 in at 5118', out at 5253' (135' in 19-3/4 hrs.). Visc. 50, MW 8.9, WL 6.4, FC 2/32, ph 11.5, 5% oil. Dev. 3/4° at 5253'. 6-1/2 hrs. drilling, 1/4 hrs. servicing rig, 4-3/4 hrs. circulating for sampler and waiting on orders, 7-1/2 hrs. -- trips and picking up DST tools, 1 hr. circulating for DST #4, 3-3/4 hrs. running DST #4, & 1/4 hr. tripping out.

DST #4: 5228-53' (Lower Paradox). Preflow 15 min., ISI 30 min., FF 180 min., FSI 60 min. Preflow - opened weak and increased to strong in 10 min., remained strong thruout preflow. Final Flow - opened strong and remained strong thruout. Recovered 360' gas and slightly oil-cut mud and salt water; and 1740' gas-cut salt water (total of 2100').

Pressures: HP 2447 & 2447
PFP 240 - 373
FFP 346 - 957
SIP 1647 - 1647
BHT 142°

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3/29/69: Days 12. Depth 4674'. Pulled DST #1. Recovered 40' mud w/very slight trace of oil. Tool was opened for 15 min, SI for 30 min., opened for 2 hrs., and SI for 1 hr. Pressures were as follows: IHP = 2227, IF = 80.9/80.9, ISI = 404, FF = 80.9/80.9, FSI = 727, FHP = 2200. Test employed 3/4" bottom choke, no top choke. Sampler contained 2650 cc gas cut mud. No free gas. Sampler press. = 40 psig, temp. = 65° F., chloride content mud filtrate = 800 ppm. Ran core barrel for Core #2 (Desert Creek). Cored 4638-74' 36' in 11-3/4 hrs., at approx. 4' per hour). Present operation: tripping in w/bit (bit #8 going back in hole). MW 8.9, Visc. 45, WL 6.6, FC 2/32, ph 10.5, 4% oil.

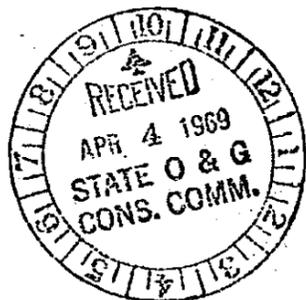
3/30/69: Days 13. Depth 4787'. Drilled and cored 113' in 15 hrs. Present operation: coring. Core No. 3 (Akah). Bit #8 in at 4674', out at 4775' (total 897'). Have cored 12' (4775-87') at approx. 5' per hr. MW 8.9, Visc. 46, WL 6.0, FC 2/32, ph 12.0, 3-1/2% oil.

3/31/69: Days 14. Depth 4793'. Core head #1 (run #3, 7-27/32"): 4775-4793' -- 18' in 5-1/2 hrs. Recoverd 12'. DST #2: 4760-4793' (Akah). Tool opened w/strong blow. Gas to surface in 5 min. PF = 15 min., ISI = 30 min., FF = 2 hrs., FSI = 1 hr. Rec. 1100' fluid: 30' gas and oil cut mud, 630' oil, 240' slightly water cut oil, 200' salt water.

Pressures: HP = 2227.1/2227.1; SI = 1342.2/1315.6; FP 134.8-161.7/161.7-377.4,

3 hrs. coring and 2 hrs. pulling and laying core down. 1-3/4 hrs. waiting on orders. 1-1/2 hrs. tripping in. 5-1/4 hrs. circulating for DST. 4-1/2 hrs. tripping for DST. 2 hrs. waiting to operate tool. Total of 4 hrs. running DST #2, tool open at 2:00 AM. Visc. 50, MW 8.9, WL 7.2, ph 11, 2-1/2% oil.

4/1/69: Days 15. Depth 4895' (102' in 8-1/2 hrs.). Bit #9 in at 4793', out at 4895' (102' in 8-1/2 hrs.). Visc. 49, MW 8.9, WL 7.0, FC 2/32, ph 11, 3-1/2% oil. Went in hole for DST #3: 4840-4895' (Lower Akah). Opened tool at 4:45 AM w/immediate strong blow. Surface pressure = 55 psi. IF 15 min. -- continued w/strong blow for 15 min. SI tool. ISI = 30 min. FF -- opened w/strong blow decreasing to weak blow in 45 min. Present operation at 6:00 AM this date: testing.



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- 3/22/69: Days 5. Depth 3370' (414' in 20 hrs.). Bit #5 in hole at 2730', out at 3180'. Bit #6 in hole at 3180' and drilling. Visc. 32, MW 9.0, WL 9, FC 2/32, ph 8.
- 3/23/69: Days 6. Depth 3765' (395' in 20-3/4 hrs.). Bit #6 in hole at 3180', out at 3512' (332' in 17 hrs.). Bit #7 in hole at 3512' -- now drilling. Dev. 1° at 3512'. Visc. 36, WL 22, MW 9.0, FC 2/32, ph 9.5. Strapped pipe at 3512' -- no correction.
- 3/24/69: Days 7. Depth 3950' (185' in 21-1/2 hrs.). Bit #7 in at 3512', out at 3830' (18 hrs.); Bit #8 in at 3830' -- presently drilling. Visc. 32, MW 9.0, WL 10, FC 2/32, ph 8.5.
- 3/25/69: Days 8. Depth 4199'. Drilled 249' in 22-3/4 hrs. Bit #8 in at 3830' (drilled 369' in 39-3/4 hrs. -- still drilling). MW 9.0, Visc. 33, WL 10.4, FC 2/32, ph 9.0, oil 4%.
- 3/26/69: Days 9. Depth 4468'. Drilled 269' in 24 hrs. Drilling w/bit #8, in at 3830' (has drilled 638' in 63 hrs.). MW 9.0, Visc. 37, WL 8.4, FC 2/32, ph 8.5, 5% oil. Dev. 1° at 4250'.
- 3/27/69: Days 10. Depth 4626'. Drilled 158' in 15-1/4 hrs. Bit #8 drilled 796' in 78-1/4 hrs. Present operation: circulating preparatory to coring. Core barrel on bottom. MW 8.9, Visc. 47, WL 8.8, FC 2/32, ph 9.5, 4-1/2% oil. Dev. 1-1/2° at 4626'.
- 3/28/69: Days 11. Depth 4638'. Cut Core No. 1: 4626-4638'. Cored 12' in 2-1/2 hrs. Ran bit and reamed core hole. Ran DST tool for DST No. 1: 4612-4638' (Desert Creek). Opened tool at 5:30 AM w/fair blow, decreasing to weak blow. Shut tool in at 8:30 AM for 1 hr. shut-in. Did not get gas to surface. Visc. 45, MW 8.9, WL 6.8, FC 2/32, ph 10.5, oil 4%.

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NAVAJO #3-41-28-11

Page 1

NE SW Sec. 3, T41N-R28E, Apache Co., Ariz. Elev. 5331
Operator: Consolidated Oil & Gas, Inc. (50% Interest)

3/12/69: Location staked. Moving in equipment to build location.

3/13/69: Building location.

3/14/69: Building location.

3/15/69: Finished building location.

3/16/69: Moving in rotary rig.

3/17/69: Moving in rotary rig.

3/18/69: Spudded at 1:30 PM, 3/17/69. Drilled 323' (12-1/4" hole). Ran 10 jts. 8-5/8", 24#, J-55, total 329.55' set at 323' KB. Cemented w/200 sx Class "A", 4% gel w/2% CaCl. Plug down at 9:45 PM. WOC. Good returns.

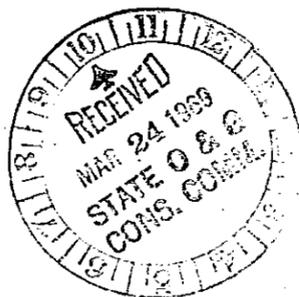
3/19/69: Days 2. Depth 1556' (drilled 1232' in 19-1/2 hrs.). Bit #2 in at 324' -- now drilling (has drilled 1232' in 19-1/2 hrs.). Pressured up on surface casing to 600 psi (30 min.) -- held OK. Dev. 1° at 806', 3/4° at 1440'. Visc. 34, MW 9.2, WL 8.6, FC 1/32, ph 9.5.

3/21/69: Days 3. Depth 2431' (875' in 19-1/2 hrs.). Bit #2 in at 324', out at 1596'. Bit #3 in at 1596', out at 2290'. Bit #4 in at 2290' -- now drilling. Visc. 32, MW 9.2, WL 9.2, FC 2/32, ph 9.5. Dev. 1° at 1596', 1-1/4° at 2290'.

3/21/69: Days 4. Depth 2956' (525' in 21-1/2 hrs.). Bit #4 in at 2290', out at 2730'. Bit #5 in at 2730' -- now drilling. Dev. 1° at 2730'. Visc. 31, MW 9.1, WL 9.0, FC 2/32, ph 9.0.

Drillers Log

490



SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo #3-41-28-11
 Location NE SW, 1980' FSL & 1915' FWL
 Sec. 3 Twp. 41N Rge. 28E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo #14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Production casing setting</u> <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 4/10/69, ran 166 jts. 5½" 14 lb/ft and 10 jts. 5½" 15.5 lb/ft J-55 Casing (total of 5,718'), set at 5708'. Cemented with 300 sx around shoe at 5708' and 358 sx thru cementing collar at 3606'. On 4/16/69, ran 4 3/4" bit and drilled and cleaned out cement to 5660' (PBT).



8. I hereby certify that the foregoing is true and correct.

Signed D.C. Lamb Title Petroleum Engineer Date 4/18/69

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 490

36

April 18, 1969

MEMO TO: File #481 X
Consolidated Oil & Gas #1 Navajo
File #490
Consolidated Oil & Gas #3 Navajo

FROM : John Bannister

Wayne Rogers, Consolidated Oil & Gas of Denver, called this date requesting permission to bring full stream of oil from 490 the Navajo #3 location in the NE/4 SW/4 of Sec. 3, T41N, R28E, down to the tank battery for the Navajo #1 Well located in 481 the SW/4 SW/4 of Sec. 2, T41N, R28E. The two wells are on the same Navajo Indian lease and thus no lease lines would be crossed. Inasmuch as there is a difference in working interest ownership, the #3 well flow will be metered prior to entering the tank battery. From the tank battery the oil will be trucked into a pipeline connection. This arrangement will be ended as soon as Four Corners Pipe Line provides a connection to Consolidated.

B
Verbal permission was given this date for this procedure.
This will be confirmed in writing.

~~XXXXXXXXXX~~
X-CHRONO

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OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

TEMPORARY

Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-603-226, Navajo Tribal	Field East Boundary Butte	Reservoir Desert Creek
Survey or Sec-Twp-Rge Sec. 3, T.41 N., R.28 E.	County Apache	State Arizona
Operator Consolidated Oil & Gas, Inc.		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street 1860 Lincoln Street	City Denver	State Colorado 80203
Above named operator authorizes (name of transporter)		
Transporter's street address	City	State
Field address		
Oil, condensate, gas well gas, casinghead gas		
To transport	% of the	from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer The Permian Corporation	% transported 100	Product transported Oil

Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.
New wells, Permits #481 and #488, pending evaluation of development and feasibility study of pipeline construction to connect with Four Corners Pipe Line Company.

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until canceled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Accountant of the Consolidated Oil & Gas, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

April 9, 1969
Date

Joe A. Larkin
Signature

Date approved: 4/11/69

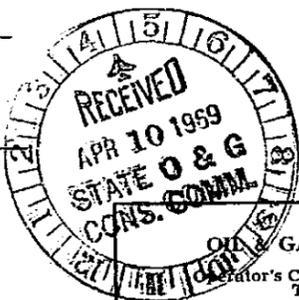
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: *John Bannister*

Permit No. _____

38 481-488

490



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease

File Two Copies

Form No. 8

#490

consolidated Celled:

4-10-69

Jes

(Bill Green)

elev. 5343 KB

TD 5706

Formation tops:

Cocovina 1848

Hermosa 3805

Jemay 4505

Desert Creek 4610

Akaki 4769

Melua 5387

Mrs 5529

running 5 1/2" to TD. Will perf Akaki.

3A

490

WELL SITE CHECK

By RP
Date 3-26-69

Contractor ADAPANOE DRUG Person(s) Contacted RICHARD POTTER (owner)

Spud date 3-7-69

Type Rig T-32-Mechanical Rotary Cable

Present Operations Drilling 4545

Samples calcrete 10' samples

Pipe Set 8 7/8" @ 304'

Drilling with Air Mud

Water Zones _____

Size Hole 7 7/8"

Last Cive. Zone _____

Size Drill Pipe 4 1/2"

Formation Tops _____

Type Bit SS4 SMITH (BUTTON)

Cores, Logs, DST _____

No. Bit 3 Drilling Rate 5 min/Ft.

Crews 1 crew from Tacomache

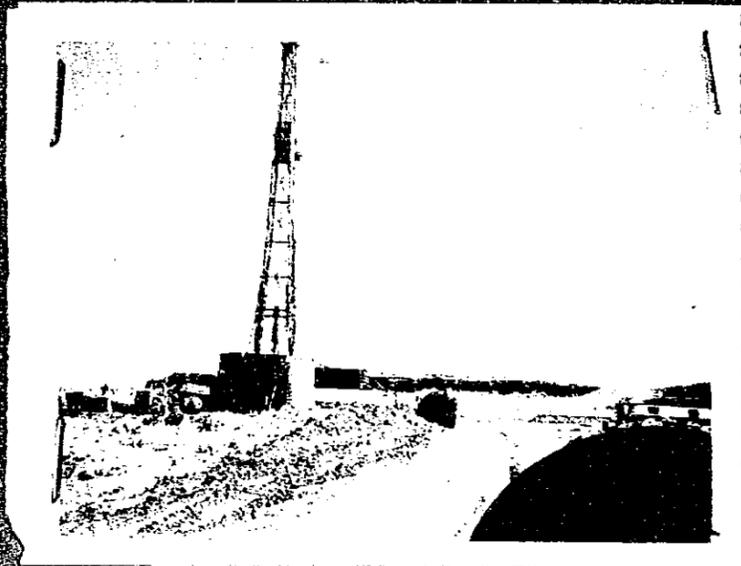
Formation HERMOSA

Crews 2 crews Potter

Lithology LIMESTONE

REMARKS: PHOTO 447

REV. 5781 GA.
D-11 (LIT) :
6/4 08
1/2 27
(LIT 114)



Dalling 4545

47
Coral Island

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Consolidated Oil & Gas, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo No. 3-41-28-11
 Location 1980' FSL & 1915' FWL (NE/4, SW/4)
 Sec. 3 Twp. 41N Rge. 28E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease _____
14-20-603-226 (Navajo #7 Lease)
 5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(OTHER)			
		WATER SHUT-OFF	<input type="checkbox"/>
		FRACTURE TREATMENT	<input type="checkbox"/>
		SHOOTING OR ACIDIZING	<input type="checkbox"/>
		(OTHER) <u>Surface Casing Setting</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

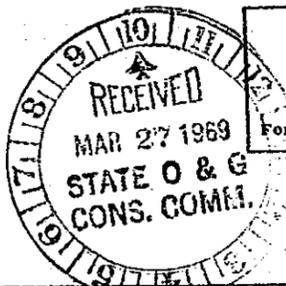
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 3/17/69, drilled 12-1/4" hole to 323' K. B. Ran 10 joints 8-5/8", 24 lb./ft. casing and set at 323' K. B. Cemented casing with 200 sacks Class "A" cement containing 4% gel and 2% CaCl₂. Cement circulated to surface.

8. I hereby certify that the foregoing is true and correct.

Signed D. E. Smink Title Petroleum Engineer Date 3/26/69
 D. E. Smink

Permit No. 490



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Form No. 25

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
 Suite 1300 - 1860 Lincoln St., Denver, Colo., 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 NE 1/4, SW 1/4, Sect. 3, T41N-R28E, 1980' FSL & 1915' FWL

At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 miles from Shiprock, N.M. or Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1,915'

16. NO. OF ACRES IN LEASE
 2,352'

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80 (E 1/2 of SW 1/4)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1,320'

19. PROPOSED DEPTH
 5,700'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5331' Gr., 5343' K. B. (Est.)

22. APPROX. DATE WORK WILL START*
 March 18, 1969

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	32#	300'	100 sacks
7-7/8"	5-1/2"	15.5#	5,700'	600 sacks

It is proposed to drill a 12-1/4-inch hole to approximately 300 feet, set and cement 8-5/8-inch casing at approximately 300 feet and cement 8-5/8-inch casing to surface. It is proposed that a 7-7/8-inch hole be drilled to estimated total depth of 5,700 feet, 5-1/2-inch casing to be set at approximately 5,700 feet and cemented with 600 sacks of cement in two stages. Formations to be penetrated include: Desert Creek, Akah, and lower Pennsylvanian. A mud weighing approximately 9.2 lb./gal. will be employed.

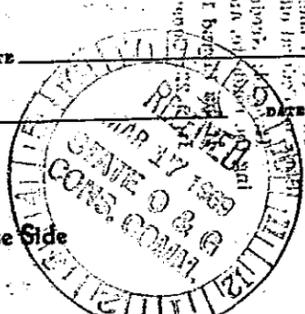
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. E. Smink TITLE Petroleum Engineer DATE 3/13/69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

CONSOLIDATED OIL & GAS, INC.
NAME OF COMPANY OR OPERATOR

Suite 1300 - 1860 Lincoln Street Denver Colorado
Address City State

Arapahoe Drilling Company
Drilling Contractor
Farmington, New Mexico
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo #7	Well number 3-41-28-11	Elevation (ground) 5331'
Nearest distance from proposed location to property or lease line: 1915 feet	Distance from proposed location to nearest drilling completed or applied—for well on the same lease: 1320 feet	
Number of acres in lease: 2352	Number of wells on lease, including this well completed in or drilling to this reservoir: Four	

If lease, purchased with one or more wells drilled, from whom purchased: Name Address
Shell Oil Company **Los Angeles, California**

Well location (give footage from section lines) Section—township—range or block and survey Dedication (Comply with Rule 105)
1980' FSL & 1915' FWL **Section 3, T41N-R28E** **E 1/2, SW 1/4**

Field and reservoir (if wildcat, so state) County
East Boundary Butte - Akah **Apache**

Distance, in miles, and direction from nearest town or post office
25 miles from Shiprock, New Mexico or Montezuma Creek, Utah

Proposed depth: 5700'	Rotary or cable tools Rotary	Approx. date work will start March 18, 1969
Bond Status Performance	Organization Report	Filing Fee of \$25.00
Amount #31380-13-99-68	On file XX Or attached	Attached XX Check #01788

Remarks: **\$25,000**

It is proposed to drill to a total depth of approximately 5,700' to test the Desert Creek, Akah and Lower Pennsylvanian. A mud weighing approximately 9.2 lb./gal. will be employed.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am ^a ~~an~~ **Petroleum Engineer** of the **Consolidated Oil & Gas, Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature *D. E. Smink*
D. E. Smink
Date **March 13, 1969**

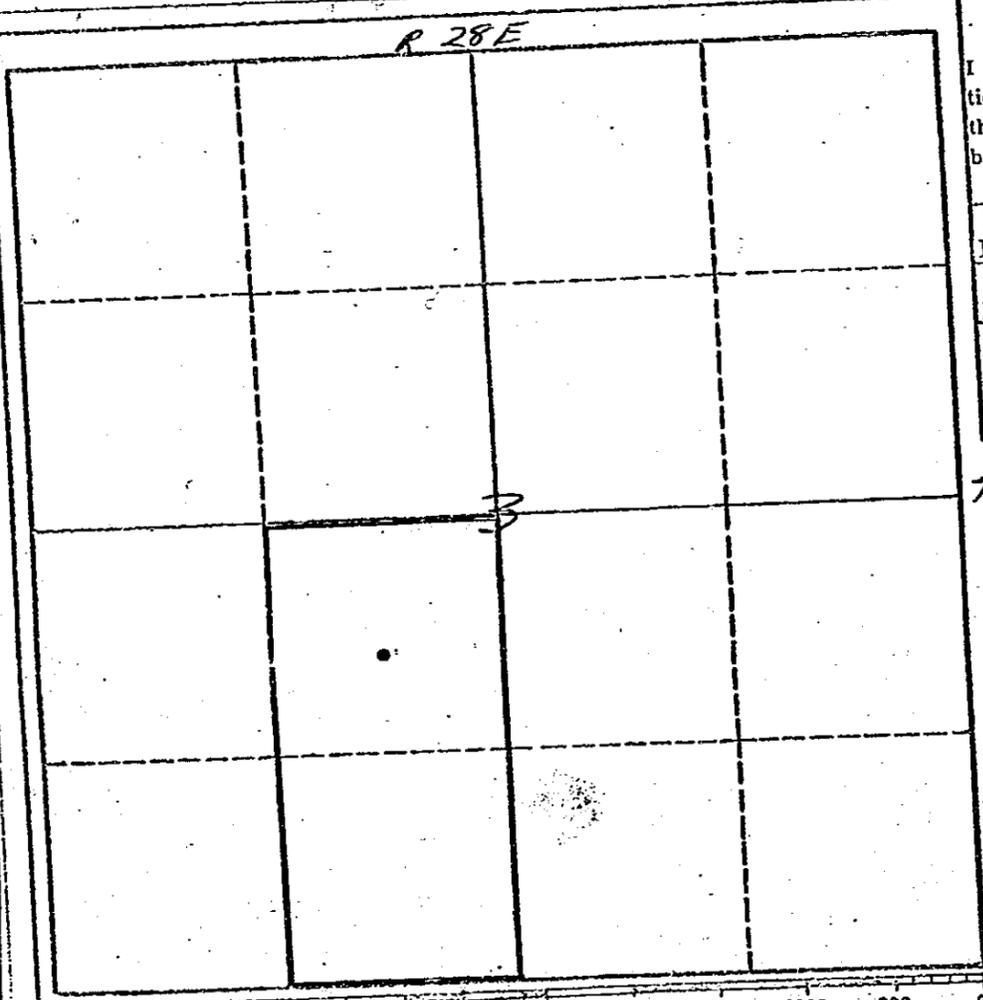
Permit Number: **490**
Approval Date: **3-19-69**
Approved By: *John Barnmaster*
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies



Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description



CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name
D. E. Smink

Position
Petroleum Engineer

Company
Consolidated Oil & Gas, Inc.

Date
March 13, 1969

T 4 N

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

See attached location plat

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	32	J-55	Surf.	300'	300'	100
5-1/2"	15.5	J-55	Surf.	5700'	5700' & 3500'	600

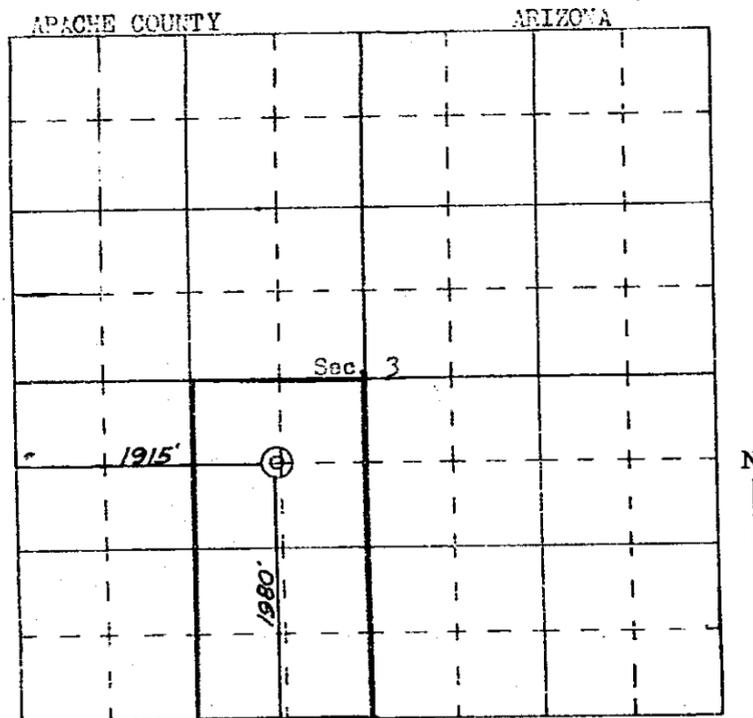
COMPANY CONSOLIDATED OIL & GAS, INC.

LEASE Navajo WELL NO. 3-41-28-11

SEC. 3 T. 41 NORTH R. 28 EAST, G. & B.M.

LOCATION 1920' from the South line and
1915' from the West line

ELEVATION 5321.0



SCALE—1 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

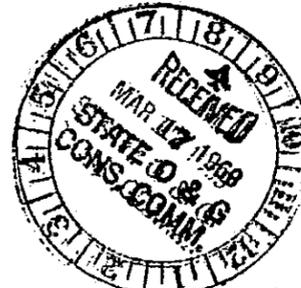
SEAL:

James P. Lease
Registered Land Surveyor,
James P. Lease
Ariz. Reg. No. 1849



490 DATED 7 March 1969

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.





PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: CONSOLIDATED OIL & GAS, INCORPORATED
(OPERATOR)

to drill a well to be known as

CONSOLIDATED OIL & GAS #3 NAVAJO
(WELL NAME)

located 1980' FSL - 1915' FWL

Section 3 Township 41N Range 28E, APACHE County, Arizona.

The E/2 SW/4 of said

Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 19th day of MARCH, 19 69.

OIL AND GAS CONSERVATION COMMISSION

By John P. Bunnister

EXECUTIVE SECRETARY

PERMIT N^o 490

RECEIPT NO. 9571
API No. 02-001-20095

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

EAST BOUNDARY BUTTE FIELD

Operator: Elm Ridge Resources, Inc.

Bond Company*: Indian lands, evidence of bond posted with BIA

Underwriters Indemnity Co. \$ 150,000 BIA Nationwide Bond No. B05973

Date approved: 8/01/96

*** Pursuant to commission motion of October 31, 1997, no bond required with State of Arizona upon evidence of bond posted with the BIA.**

Permits covered by this bond posted with the BIA:

022

028

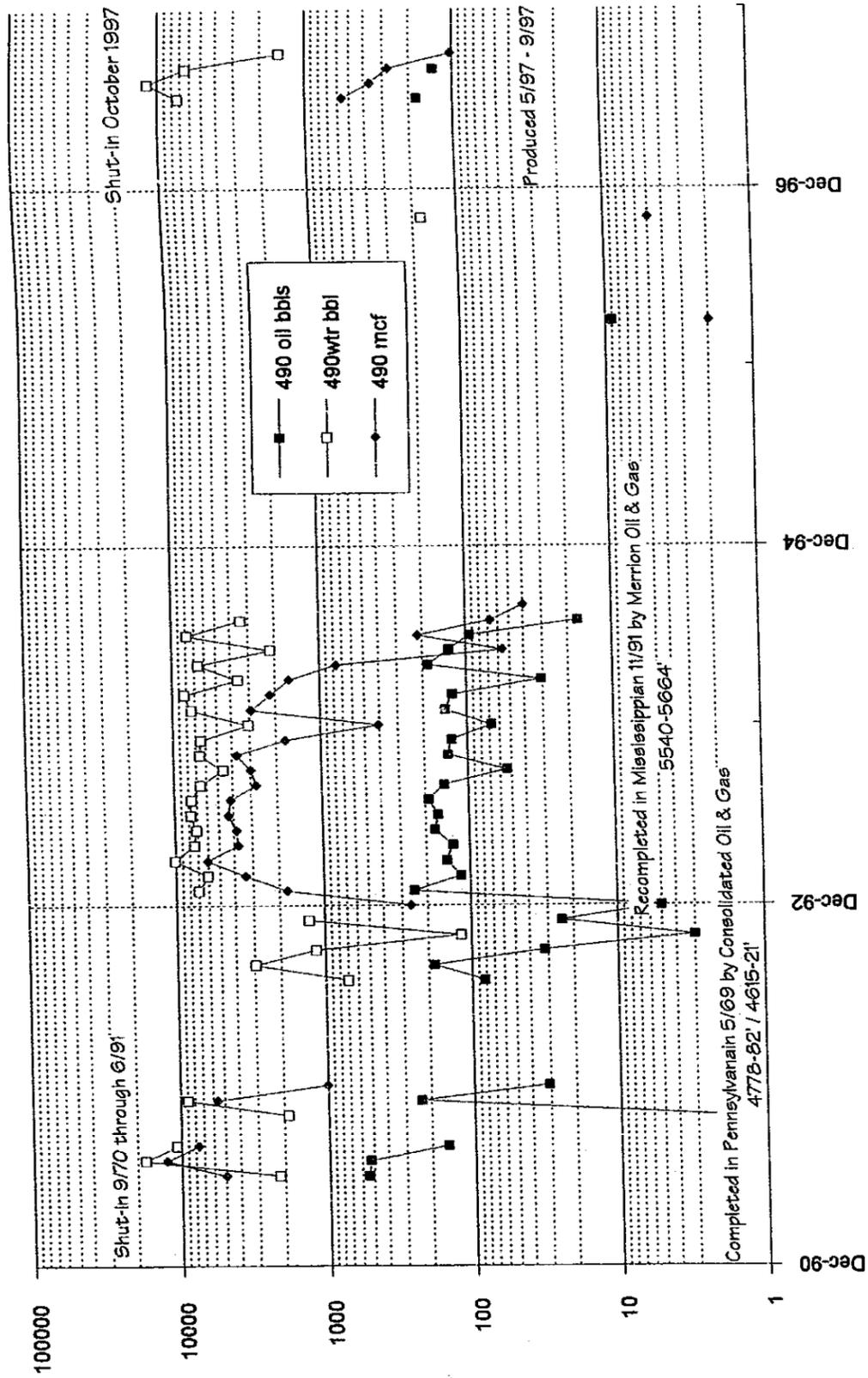
490 ✓

515

905

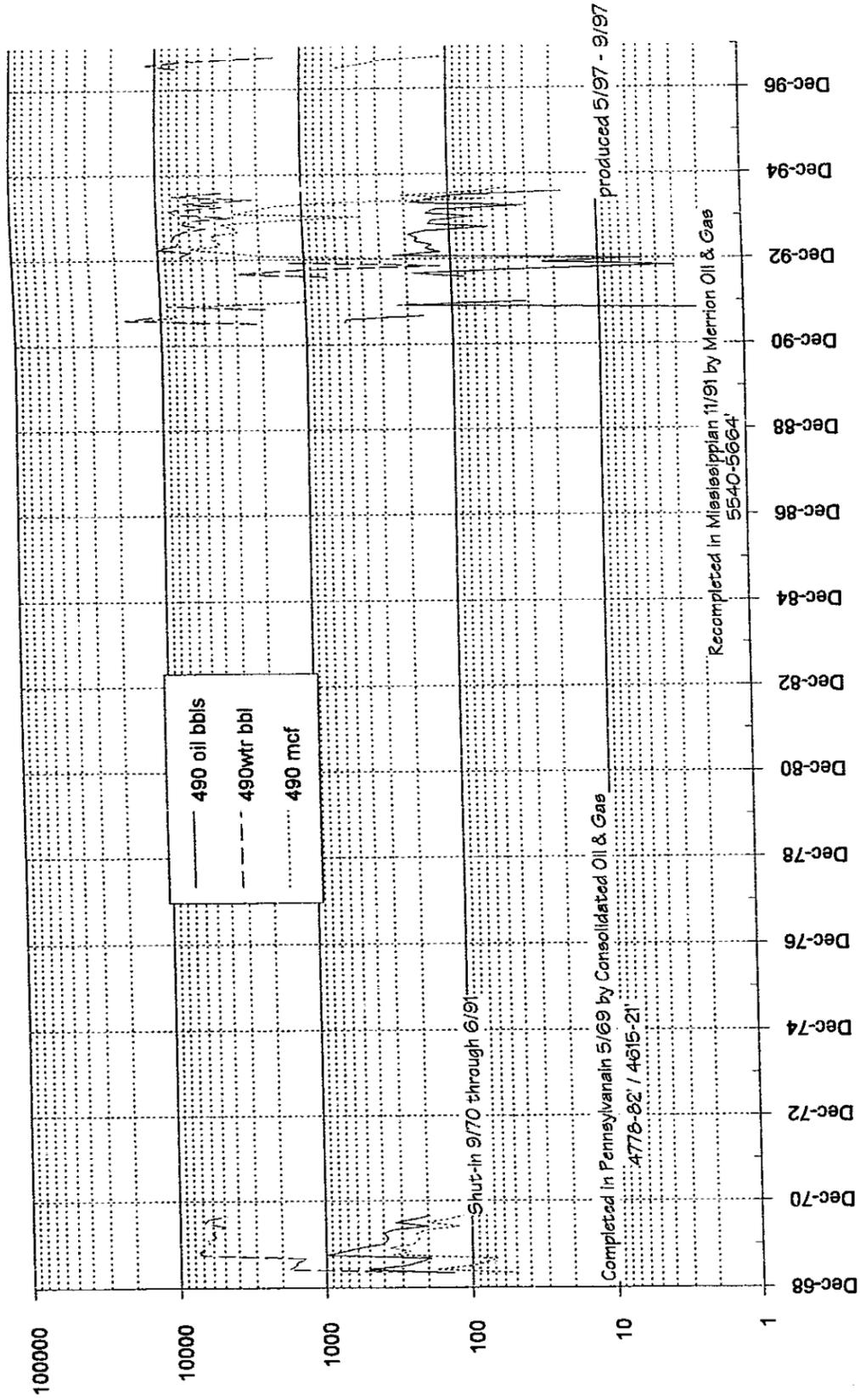
MONTHLY PRODUCTION AT 3-11 NAVAJO (490), ARIZONA: APR 1969 - SEP 1997

ne sw 3-41n-28e, East Boundary Butte Field, Apache County



MONTHLY PRODUCTION AT 3-11 NAVAJO (490), ARIZONA: APR 1969 - SEP 1997

ne SW 3-41n-28e, East Boundary Butte Field, Apache County





Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 6, 2001

Ms. Kay Buchanan
Elm Ridge Resources, Inc.
12225 Greenville Ave, Suite 950
Dallas TX 75243-9362

Dear Ms. Buchanan:

This will acknowledge receipt of evidence of Elm Ridge Resources' bonding with the U.S. Department of the Interior, Bureau of Indian Affairs, completed Organization Report (Form 1), and updated Operator's Certificate of Compliance and Authorization to Transport Oil or Gas from Lease (Form 8).

I have enclosed copies of the approved Form 8 for your files.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator

Enclosures

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE		
Federal, State, or Indian Lease Number, or lessor's name if fee lease	Field San Juan	Reservoir San Juan
Survey or Sec-Twp-Rge 2, 3 & 4 T41N R28E	County Apache	State Arizona
Operator Elm Ridge Resources, Inc.		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street 12225 Greenville Ave #950	City Dallas	State Texas 75243-9362
Above named operator authorizes (name of transporter) Giant Industries Attn: Wanda		
Transporter's street address P. O. Box 12999	City Scottsdale	State AZ 85267
Field Address		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the	Oil from said lease
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer Western Gas Resources	% transported 100	Product transported
12200 North Pecos Street #230		
Denver, CO. 80234-3439		
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.		
Change of Operator: From Central Resources, Inc. to Elm Ridge Resources, Inc.		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I the undersigned, under the penalty of perjury, state that I am the President of the Elm Ridge Resources, Inc. (company), and that I am authorized by said company to make this report; that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 1-08-01

Signature [Signature]

Date approved: 2-5-01

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: Steven L. Ranz

Permit No. 22,28,515,490

Mail two copies of completed form to:
Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson, AZ 85701-1315

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 8

Form 8-166
1-1-59
5-5438

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

BOND NO. B05973

NATIONWIDE OIL AND GAS LEASE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, Elm Ridge Resources, Inc., Elm Ridge
Exploration Company of 4925 Greenville Ave., #1305, Dallas, TX 75206-4021
as principal, and Underwriters Indemnity Company

of 8 Greenway Plaza, #400, Houston, TX 77046 as surety, are held and firmly bound unto the
United States of America in the sum of one hundred fifty thousand dollars (\$150,000), lawful money of the
United States, for the payment of which, well and truly to be made, we bind ourselves and each of us, our
and each of our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by
these presents.

Sealed with our seals and dated this 10th day of June, 19 96.

The condition of this obligation is such that whereas the said principal has heretofore or may
hereafter enter into or otherwise acquire an interest in oil and gas mining leases and oil and gas prospect-
ing permits of various dates and periods of duration covering lands or interests in lands held by the United
States in trust for individual Indians, or tribes or bands of Indians, or subject to restrictions against
alienation without the consent of the Secretary of the Interior or his authorized representative, which
leases and permits have been or may hereafter be granted or approved by the Secretary of the Interior
or his authorized representative, and the identification of which herein is expressly waived by both prin-
cipal and surety hereto.

WHEREAS the principal and surety agree that the coverage of this bond shall extend to and
include all extensions and renewals of leases and permits covered by this bond, such coverage to continue
without any interruption due to the expiration of the term set forth therein.

WHEREAS the surety hereby waives any right to notice of any modification of any such lease
or permit, or obligation thereunder whether effected by extension of time for performance, by commit-
ment of such lease to unit, cooperative, or communitization agreement, by waiver, suspension, or change
in rental, except an increase thereof, by minimum royalty payment, except an increase thereof, by com-
pensatory royalty payment, or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principal and surety agree that the neglect or forbearance of the obligee of
any such lease or permit in enforcing the payment of any rental or royalty or the performance of any
other covenant, condition, or agreement of any such lease or permit shall not in any way release the prin-
cipal and surety, or either of them, from any liability under this bond; and

WHEREAS the principal and surety agree that in the event of any default under any such lease
or permit, the obligee may prosecute any claim, suit, action, or other proceeding against the principal
and surety, or either of them, without the necessity of joining the other.

Now, if the said principal herein shall faithfully carry out and observe all the obligations assumed
in said leases and permits to which Elm Ridge Resources, Inc., Elm Ridge Exploration Company
is now or may hereafter become a party, and shall observe all the laws of the United States and regula-

tions made, or which shall be made, thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to said oil and gas mining leases and permits, and shall in all particulars comply with the provisions of said leases, permits, rules and regulations, then this obligation shall become null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$.....; the total premium paid is \$.....

Signed and sealed in the presence of—

WITNESSES*

BY: Kay Buchanan
4925 Greenville Ave., #1305
P.O. Dallas, Texas 75206

BY: Bill Morish
4925 Greenville Ave., #1305
P.O. Dallas, Texas 75206

BY: Nancy Cox
8 Greenway Plaza, Suite 400
P.O. Houston, TX 77046

BY: Sue Noon
8 Greenway Plaza, Suite 400
P.O. Houston, TX 77046

P.O.

P.O.

P.O.

P.O.

Elm Ridge Resources, Inc.
Elm Ridge Exploration Company

as to [Signature] [SEAL]

Underwriters Indemnity Company

as to BY: [Signature] [SEAL]
Roy C. Die, Attorney-in-Fact

as to [SEAL]

as to [SEAL]

*Two witnesses to each signature.

DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
Washington 25, D. C.

AUG 1 1996, 19.....

Approved:

Approved pursuant to authority delegated
at 209 DM 2.5(C), dated 11-4-83.

[Signature]
ACTING Director, Office of Trust Responsibilities

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual
Elm Ridge Resources, Inc.

Mailing Address and Phone Number
12225 Greenville Avenue #950, Dallas, Texas 75243-9362 (971) 889-2100

Plan of Organization (State whether organization is a corporation joint stock association, firm or partnership, or individual
Corporation

Purpose of Organization (State type of business in which engaged)
Oil and Gas Industry

If a reorganization, give name and address of previous organization

If a foreign corporation give (1) State where incorporated	(2) Name and mailing address of state agent	(3) Date of permit to do business in state
Texas	C T Corporation System 3225 North Central Avenue Phoenix, AZ 85012	11/15/00
Principal Officers or Partners (if partnership) NAME	TITLE	MAILING ADDRESS
James M. Clark, Jr.	President	12225 Greenville Ave #950 Dallas, TX 75243-9362

DIRECTORS NAME	MAILING ADDRESS
James M. Clark, Jr., President	12225 Greenville Ave #950, Dallas, Tx 75243

CERTIFICATE I, the undersigned, under the penalty of perjury state that I am the President of the Elm Ridge Resources, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature _____
 Date 1/8/01

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Organization Report
 File One Copy
 Form No. 1

Mail completed form to
 Oil and Gas Program Administrator
 Arizona Geological Survey
 416 W Congress., #100
 Tucson, AZ 85701



February 2, 2001

State of Arizona
Attn: Steve Rauzi
416 West Congress Suite 100
Tucson, Arizona 85701

Dear Mr. Rauzi:

Pursuant to our recent telephone conversation, enclosed please find the Organization Report with the address of state agent changed. Also, the principal officer has been added. As far as the Operator's Certificate of Compliance and Authorization, we have completed the form for the transport percentage, added the gas gatherer and indicated that this certificate was for a change of operator.

We apologize for any inconvenience and should you have any questions, please feel free to call.

Sincerely,

Kay Buchanan
Kay Buchanan

CDB/kb

Enclosures



January 25, 2001

State of Arizona
Oil & Gas Conservation Commission
Attn: Steve Rauzi
416 West Congress, Suite 100
Tucson, Arizona 85701

Dear Mr. Rauzi:

Enclosed please find the Organization Report, Operator's Certificate of Compliance and Authorization to Transport Oil and Gas, and a copy of the Nationwide Oil and Gas Lease Bond.

Should you desire further information, please advise me.

Sincerely,

Kay Buchanan
Kay Buchanan

ext. 103

CDB/kb

Enclosures

Form 3160-5
(June, 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Elm Ridge Resources, Inc.

3. Address and Telephone No.
312 W. LaPlata Street, Farmington, New Mexico (505) 326-7099

4. Location of Well (Footage, T, R, M, or Survey Description)
1980' FSL & 1915' FWL (NE SW) Sec. 3-T41N-R28E

5. Lease Designation and Serial No.
N00C-14-20-603-226

6. If Indian, Allottee or Tribe Name
Navajo Tribal

7. If Unit or CA, Agreement Designation

8. Well Name and No. (490)
Navajo #3-11

9. API Well No.
02-001-20095

10. Field and Pool, or Exploratory Area
East Boundary Butte

11. County or Parish, State
Apache County, AZ

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Surface Casing/Cementing
	<input checked="" type="checkbox"/> Other: CHANGE OF OPERATOR
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form).

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.
If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please be advised that effective October 1, 2000, Elm Ridge Resources, Inc. assumed operatorship of the above referenced well. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Elm Ridge Resources, Inc. under their statewide bond, BLM Bond No. B05706. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Operations Manager Date: September 29, 2000

(This space for Federal or State office use)

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1997

490
Ms. Trina M. Duran
Central Resources, Inc.
2600 Mellon Center
1775 Sherman Street
Denver, CO 80203-4313

Re: Central Resources, Inc.
\$25,000 Oil Drilling Blanket Bond #91372
Frontier Insurance Company

Dear Ms. Duran:

This will acknowledge receipt of evidence of Central Resources' bonding with the BIA for operations on Indian leases in the State of Arizona.

In light of Central Resources' bonding with the BIA, this letter constitutes written permission by the Oil and Gas Conservation Commission of the State of Arizona to terminate liability under the referenced bond.

Let me know if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

CENTRAL
RESOURCES, INC.

November 10, 1997

490
Mr. Steven L. Rauzi
State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

Dear Mr. Rauzi:

Per our conversation of November 7th, please find copies of Central Resources, Inc. \$150,000 Nationwide BIA Bond and \$150,000 BIA Navajo Tribe Bond. These bonds provide coverage for the wells that Central Resources operates in Arizona on Indian leases.

Based upon the enclosed bonds, please release Central's bond #91372 to the State of Arizona for \$25,000.

Thank you for your assistance.

Regards,

Trina M. Duran

Trina M. Duran
Executive Assistant

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 9, 1997

file 490

Ms. Crystal Williams
Merrion Oil & Gas
610 Reilly Ave.
Farmington NM 87401

Re: Blanket Performance Bond No. 01-0130-00972-74-1
United States Fidelity and Guaranty
Amount \$25,000

Dear Ms. Williams:

Our records show that Central Resources has posted a blanket bond for its operations at the East Boundary Butte Field, Arizona, and that Merrion Oil and Gas has no current drilling or plugging obligations in the State of Arizona.

As a result, this letter will serve as written permission of the Oil and Gas Conservation Commission of the State of Arizona to cancel the referenced bond.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator

enclosure: copy of referenced bond



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 9, 1997

Ms. Kris Fox
Aon Risk Services, Inc.
4100 E. Mississippi Ave. #1500
Denver, CO 80222

file 490

Re: Central Resources, Inc. as Principal
\$25,000 Blanket Performance Bond Serial No. 91372
Frontier Insurance Company

Dear Ms. Fox:

This will acknowledge receipt and acceptance of the referenced blanket performance bond. I have enclosed a copy of the approved bond, effective June 9, 1997, for all wells operated by Central Resources in the State of Arizona.

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

c Irene Martinez, Central Resources

PERFORMANCE BOND Annual Premium \$500
KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 91372

That we: CENTRAL RESOURCES, INC.
of the County of _____ in the State of Colorado
as principal, and FRONTIER INSURANCE COMPANY
of Rock Hill, New York

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Twenty Five Thousand and no/100 (\$25,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Blanket Bond
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-518, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety at the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 9th day of May, 1997.

CENTRAL RESOURCES, INC.
Arthur J. Cable
Principal

WITNESS our hands and seals, this 9th day of May, 1997.

FRONTIER INSURANCE COMPANY
Tina E. Switzer
Tina E. Switzer, Attorney-in-Fact

(Surety, Resident Arizona Agent
if issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 6-9-97
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: SLP

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
Five Two Copies
Form No. 2

Permit No. _____
file 490



POWER OF ATTORNEY

Know All Men By These Presents: That FRONTIER INSURANCE COMPANY, a New York Corporation, having its principal office in Rock Hill, New York, pursuant to the following resolution, adopted by the Board of Directors of the Corporation on the 4th day of November, 1985:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business:

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact"

This Power of Attorney is signed and sealed in facsimile under and by the authority of the above Resolution.

DOES HEREBY MAKE, CONSTITUTE AND APPOINT: **ALTUS E. WILDER, III** **TINA E. SWITZER**

of **OKLAHOMA CITY**, in the State of **OKLAHOMA**, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred in its name, place and stead to sign, execute, acknowledge and deliver in its behalf, and as its act and deed, without power of redelegation, as follows:

Bonds guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed; IN AN AMOUNT NOT TO EXCEED THREE MILLION FIVE HUNDRED THOUSAND (\$3,500,000.00) DOLLARS; and to bind FRONTIER INSURANCE COMPANY thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of FRONTIER INSURANCE COMPANY, and all the acts of said Attorney(s)-in-Fact pursuant to the authority herein given are hereby ratified and confirmed.

In Witness Whereof, FRONTIER INSURANCE COMPANY of Rock Hill, New York, has caused this Power of Attorney to be signed by its President and its Corporate seal to be affixed this **16th** day of **February**, 19 **96**

FRONTIER INSURANCE COMPANY



BY: *Walter A. Rhulen*
WALTER A. RHULEN, President

State of New York
County of Sullivan ss:

On this **16th** day of **February**, 19 **96**, before the subscriber, a Notary Public of the State of New York in and for the County of Sullivan, duly commissioned and qualified, came WALTER A. RHULEN of FRONTIER INSURANCE COMPANY to me personally known to be the individual and officer described herein, and who executed the preceding instrument, and acknowledged the execution of the same, and being by me duly sworn, deposed and said, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of the Company, and the Corporate Seal and signature as an officer were duly affixed and subscribed to the said instrument by the authority and direction of the Corporation, and that the resolution of the Company, referred to in the preceding instrument, is now in force.

In Testimony Whereof, I have hereunto set my hand, and affixed my official seal at Rock Hill, New York, the day and year above written.



Christine I. Lane
CHRISTINE I. LANE
Notary Public State of New York
Sullivan County Clerk's No. 1996
Commission Expires May 2, 1998

CERTIFICATION

I, JOSEPH P. LOUGHLIN, Secretary of FRONTIER INSURANCE COMPANY of Rock Hill, New York, do hereby certify that the foregoing Resolution adopted by the Board of Directors of this Corporation and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolution and the Powers of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the facsimile seal of the corporation this **an** day of

May, 19 **97**



Joseph P. Loughlin
JOSEPH P. LOUGHLIN, Secretary.

AON

Aon Risk Services

June 6, 1997

Steven L. Rauzi
Oil & Gas Program Admin.
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, AZ 85701

file 490

Re: Bond number 91372

Dear Mr. Rauzi,

Enclosed please find the above referenced bond for Central Resources, Inc.

Please send written confirmation that this bond has been accepted by Arizona Geological Survey.

Please give me a call if you need anything or if I can be of further assistance.

Sincerely,

Kris Fox

Kris Fox
Technical Assistant
Bond Department

Operator MERRION OIL & GAS CORPORATION

Bond Company UNITED STATES FIDELITY AND GUARANTY Amount \$25,000

Bond No. 01-0130-00972-74-1 Date Approved 11-7-74

Permits covered by this bond:

Cancelled 6-9-59

- 22
- 28
- 58 (P&A 2/83)
- 69 (P&A 3/81)
- 444 (P&A 12/85)
- 490
- 514 (P&A 8/94)
- 515 (SWD)
- 518 (P&A 3/81)

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Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 18, 1997

Ms. Irene Martinez
Central Resources, Inc.
1775 Sherman, Suite 2600
Denver, CO 80203-4313

file 490

Dear Ms. Martinez:

An approved duplicate original *Operator's Certificate of Compliance and Authorization to Transport Oil or Gas from Lease* is enclosed for Navajo leases NOOC-14-20-603-226 (permits 28 and 515) and NOOC-14-20-603-413 (permits 22 and 490) at the East Boundary Butte Field, Arizona.

Please advise if I may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

Federal, State, or Indian Lease Number, or lessor's name if fee lease <u>Navajo NOOC-14-20-603-226</u>	Field <u>East Boundary Butte</u>	Reservoir <u>Paradox</u>
Survey or Sec-Twp-Rge <u>Sec 4-T41N-R28E</u>	County <u>Apache</u>	State <u>AZ</u>
Operator <u>Central Resources, Inc.</u>		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street <u>1775 Sherman St., #2600</u>	City <u>Denver</u>	State <u>CO 80203</u>
Above named operator authorizes (name of transporter) <u>Giant Refining Company</u>		
Transporter's street address <u>P.O. Box 12999</u>	City <u>Scottsdale</u>	State <u>AZ 85267</u>
Field Address <u>Red Mesa, Arizona</u>		
Oil, condensate, gas well gas, casinghead gas		
To transport	100	% of the Oil from said lease
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
<u>Western Gas Resources</u>	<u>100</u>	<u>Gas</u>
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. <u>Change of Owner/Operator</u>		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Engineering Technician of the Central Resources, Inc. (company), and that I am authorized by said company to make this report; that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date February 14, 1997
Date approved: 2-18-97
By: Steven L. Rainey
Permit No. 22490

Steve Martens
Signature

Mail two copies of completed form to:
Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson AZ 85701-1315

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies

Form No. 8

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual
CENTRAL RESOURCES, INC.

Mailing Address and Phone Number
1775 Sherman Street, Suite 2600, Denver, Colorado 80203-4313

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or Individual)
Corporation

Purpose of Organization (State type of business in which engaged)
Oil and Gas

If a reorganization, give name and address of previous organization

If a foreign corporation, give (1) State where incorporated	(2) Name and mailing address of state agent	(3) Date of permit to do business in state
Colorado	CT Corporation 3225 N. Central Avenue Phoenix, Arizona 85012	Applied for <u>1/31/97</u>
Principal Officers or Partners (If partnership) NAME	TITLE	MAILING ADDRESS
Paul J. Zecchi	President & CEO	1775 Sherman Street #2600 Denver, Colorado 80203-4313
Scotty A. Smith	Sr. Vice President	1775 Sherman Street #2600 Denver, Colorado 80203-4313
Catherine I. Eakle	Vice President & Secretary	1775 Sherman Street Denver, Colorado 80203-4313
Ray Hornsby	Vice President & Treasurer	1775 Sherman Street Denver, Colorado 80203-4313
Gary Davis	Vice President	1775 Sherman Street Denver, Colorado 80203-4313

DIRECTORS NAME	MAILING ADDRESS
Paul J. Zecchi	1775 Sherman Street, #2600, Denver, CO 80203-431

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Assistant Secretary of the CENTRAL RESOURCES, INC. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Jeannette H. Feigt
 Signature Jeannette H. Feigt

Date February 14, 1997

file 490



Mail completed form to:
 Oil and Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress, #100
 Tucson, AZ 85701

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Organization Report
 File One Copy

Form No. 1



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 11, 1997

Mr. Paul J. Zecchi, President
Central Resources, Inc.
1775 Sherman, Suite 2600
Denver, CO 80203-4313

file 490

Dear Mr. Zecchi:

We recently received the attached notice that Central Resources purchased the East Boundary Butte Field in Arizona from Merrion Oil and Gas. As a result of that purchase, I am writing to advise you that this office provides administrative and staff support to the Arizona Oil and Gas Conservation Commission.

In order that our records be accurate and current, in accordance with Arizona Statutes and rules, please fill out and submit the enclosed *certificate of compliance* and *organization report* forms to this office as soon as possible. R12-7-183 and R12-7-194 require the operator to submit these forms within 10 days of any change in ownership, etc.

Also for your file and use are blank copies of our *monthly producer's report* and *water disposal report* forms, and a copy of our oil and gas rules. These blank forms may be copied or generated digitally as needed.

We welcome Central Resources to Arizona and hope your venture here is a profitable one. Please let me know if you have any questions about the enclosed forms or rules or if I may be of any further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

Distribution: 0+2 (Arizona OCD); 1-Navajo Tribe; 1-Field; 1-Central Resources

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator MERRION OIL & GAS CORPORATION

2. Oil Well GAS WELL OTHER (Specify) _____

3. Well Name NAVAJO No. 3-11

Location 1980' fsl & 1915' fwl (ne sw)

Sec. 3 Twp. 41N Rge. 18E County Apache Arizona.

4. Federal, State or Indian Lease Number, or issuer's name if fee lease Indian - Navajo Tribe
NOOC-14-20-603-226

5. Field or Pool Name East Boundary Butte

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Change of Operator</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 1/01/97 new owner of the above well is:

CENTRAL Resources, Inc.
 2600 Mellon Center
 1775 Sherman Street
 Denver, Colorado 80203-4313
 Phone No.: (303) 830-0100



I hereby certify that the foregoing is true and correct.

Steven S. Dunn Title Drig & Prod Manager Date 1/16/97

Permit No. 490

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

September 18, 1995

490

Mr. Steven S. Dunn
Operations Manager
Merrion Oil & Gas Corporation
P. O. Box 840
Farmington, New Mexico 87499

Re: **Change of oil transporter**
East Boundary Butte Field, Arizona

Dear Mr. Dunn:

Approved duplicate original Operator's Certificate of Compliance and Authorization to Transport Oil or Gas From Lease are enclosed for the Navajo #1, Navajo #2, and Navajo #3-11 wells at the East Boundary Butte Field, Arizona.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

c Giant Refining Co., Scottsdale, Arizona



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

June 6, 1994

490

Ms. Esther Greyeyes
Drilling & Production Tech
Merrion Oil & Gas Corporation
P. O. Box 840
Farmington, New Mexico 87499

Re: **Recompletion Reports for Navajo 1, 2, & (3-11) wells**
East Boundary Butte Field, Arizona

Dear Esther:

Thank you for taking my telephone call last week during Mr. George Sharpe's absence from the office and for sending copies of the sundry notices on the referenced wells. We have copies of these sundry notices in our file.

We have not received, however, the *Well Completion or Recompletion Reports* (our Form 4) recording the details of the **recompletion** of the referenced wells. As a result, I have enclosed several blank copies of this report form and kindly ask that you forward them to the appropriate personnel to be completed and returned to my attention at the earliest convenience.

Thank you.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

MERRION

OIL & GAS

May 31, 1994

Mr. Steve Rauzi
Arizona Geological Survey
845 North Park Avenue, Ste 100
Tucson, Arizona 85719

RECEIVED
CONSERVATION DIVISION

JUN 3 1994

RE: NAVAJO 1, 2, & 3-11

Dear Steve:

Enclosed are copies of sundry notices that we sent out on the above referenced wells, it looks like we had send several of the sundry notices to you, but never got an approval.

If you need more information, please give me a call.

Sincerely,


Esther J. Greyeyes
Drlg & Prod Tech

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

August 11, 1993

3-11
(490)

Mr. Randy Dirks
Western Gas Resources, Inc.
12200 North Pecos Street, Suite 230
Denver, Colorado 80234-3439

Dear Randy:

I have enclosed the *Operator's certificate of compliance and authorization to transport oil or gas from lease* for Merrion Oil and Gas Corporation's Navajo 1, Navajo 2, and Navajo 3-11 wells at the East Boundary Butte Field, Apache County, Arizona. As I mentioned on the phone, Navajo 1 is currently shut-in and Navajo 2 and Navajo 3-11 are producing.

Let me know if I can be of further assistance.

Sincerely,

Steven L. Rauzi
Oil and Gas Program Administrator

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

October 30, 1992

George F. Sharpe
Merrion Oil & Gas Corporation
P. O. Box 840
Farmington, New Mexico 87499

Dear George:

Enclosed are approved operator's certificate of compliance and authorization to transport oil or gas from lease for the East Boundary Butte Field, Arizona.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

FAX 505-326-5900

MERRION OIL & GAS CORPORATION

610 REILLY AVE. - P. O. BOX 840
FARMINGTON, NEW MEXICO 87499

PH. 505-327-9801

June 26, 1992

Mr. Jack Jim
Teec Nos Pos Chapter House
Teec Nos Pos, Arizona 86514

Re: **Work Plans**
Apache County, Arizona
East Boundary Butte Field



Dear Mr. Jim,

This letter outlines Merrion's short term plans for the East Boundary Butte Field. Please notify the allottees that we will be working there over the next few months. Work will begin about July 8, 1992.

Navajo #1 - We plan to get a rig on this well to squeeze off the Desert Creek/ Issue perforations and complete the well in the Leadville Formation.

Navajo #2 - We plan to get a rig on this well to stimulate the well in an attempt to increase production. We also plan to install a compressor to increase production.

permit # 490 **Navajo #3-11** - We plan to get a rig on this well to repair the down-hole pump and to return it to production.

I have enclosed a topo map showing the location of each well site where the work will be done.

Facilities

Depending on the success of the Navajo #1 recompletion, we may need additional facilities at the Navajo #3 location, which is where the production from the Navajo #1 is handled. The additional facilities should be on the existing well pad and should not require additional surface damages.

Also, we plan to install a water line and a fuel gas line from the Navajo #2 to the Navajo #3 disposal well. These lines will be laid together parallel to the existing gas lines to minimize damages. While our leases allow for line installations, we will honor our previous agreement with the Utah Land Office where we will pay \$250 per acre for damages. For a 5500' long 15' wide right of way that would total 1.9 acres, or \$474.00. Please let us know how to divide this up and who to make the checks out to. We need social security numbers of any individuals receiving money.

Mr. Jack Jim

Page 2

June 26, 1992

Part Time Employment

We understand that many of the allottees would appreciate the chance to earn some money. While we cannot hire these people for the rig work, there is a possibility we can use some of them on the facility and line installations. We will pay \$6.50/hour up to a maximum of 92 hours in one year for one individual. (If someone earns more than \$600 in one year, then we get into alot of reporting and tax complications).

In the past, we have coordinated this work through the Utah Land Office, but we understand that you are now the contact. Please provide a list of names, addresses, and social security numbers of all individuals who are interested in working. We will contact you when and if we need them and we will also send their paychecks through you.

Thank you for your assistance. Please call if you have any questions at phone: (505) 327-9801.

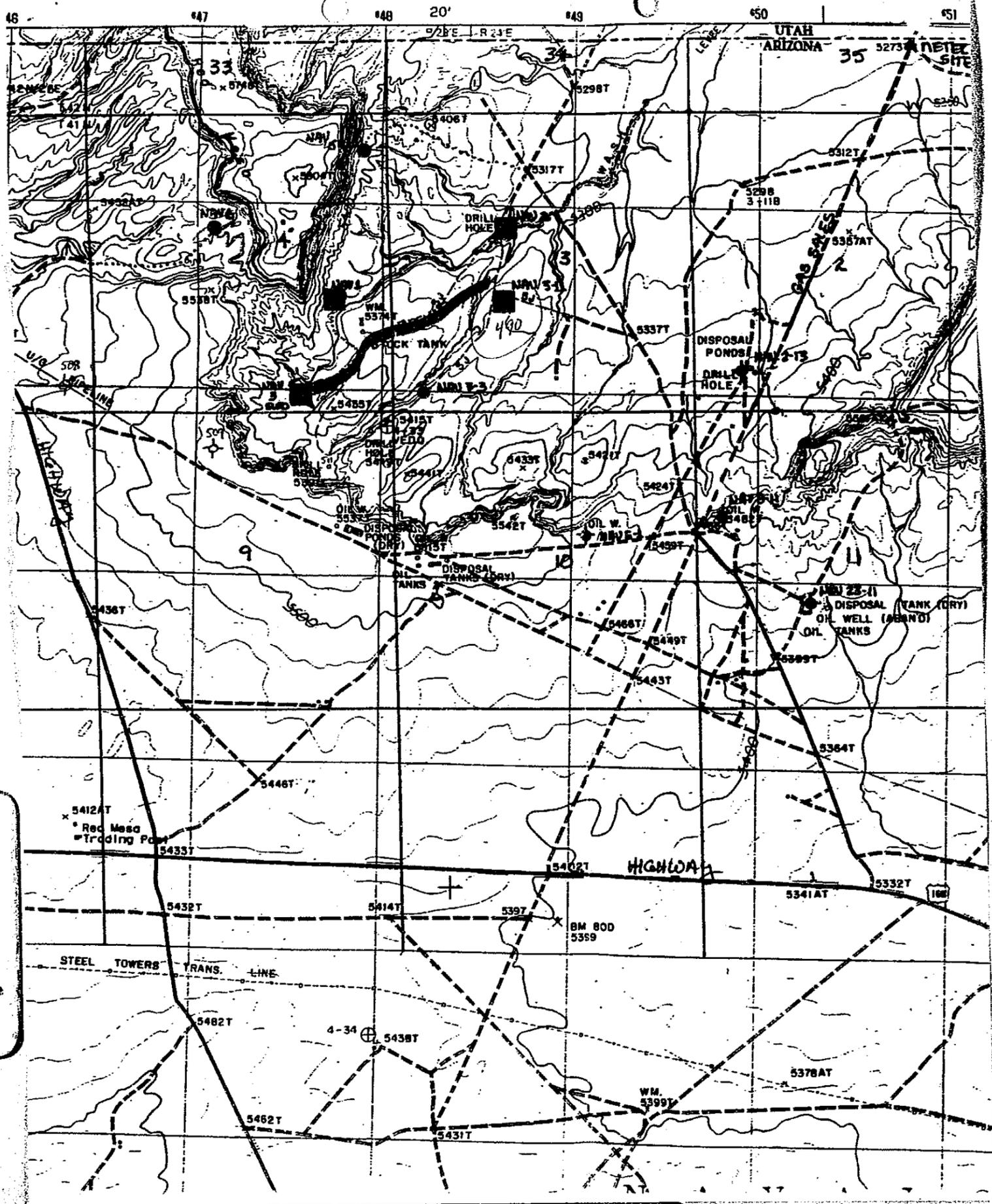
Sincerely,



Steve S. Dunn
Operations Manager/Engineer

SSD/lt

cc: Melvin Capitan - Utah Land Office
Farmington BLM
Steve Rauzi - Arizona Oil Conservation Division
BIA - Window Rock, Arizona
J. Greg Merrion
George F. Sharpe
Pat Hegarty
Field File



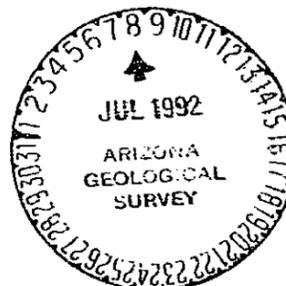
FAX 505-326-5900

PH. 505-327-9801

MERRION OIL & GAS CORPORATION

610 REILLY AVE. • P. O. BOX 840
FARMINGTON, NEW MEXICO 87499

July 6, 1992



Mr. Steven L. Rauzi
Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719

RE: Workover on Navajo 3-11, State Permit #490
Apache County, Arizona

Dear Mr. Rauzi:

As requested enclosed is a copy of the wellbore schematic. I failed to attach a copy to the sundry notice submitted on 6/22/92.

Please call if you have more questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Esther J. Greyeyes".

Esther J. Greyeyes
Operations Tech

CC: BLM-Farmington (5)
BIA-Window Rock, AZ



Fife Symington
Governor

State of Arizona
Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

July 1, 1992

George F. Sharpe
Merrion Oil & Gas Corporation
P. O. Box 840
Farmington, New Mexico 87499

Re: Workover on Navajo #3-11, State Permit #490

Dear Mr. Sharpe:

This will grant Merrion Oil & Gas Corporation approval to perform the referenced workover as described in the "Workover Procedure" prepared by Steve Dunn and dated June 24, 1992, provided that you

1. Advise this office of any modifications to this workover procedure; and
2. Report the final mechanical condition of the well on the enclosed Form 4, *Well completion or recompletion report* as required in A.A.C. R12-7-122.

The workover procedure referred to an attached well bore schematic, which was missing from the mailed material. Please provide this office with this schematic.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

June 20, 1991

Mr. George F. Sharpe
Merrion Oil & Gas Corp.
P. O. Box 840
Farmington, NM 87499

RE: Flaring gas from Navajo 3-11, Permit No. 490
East Boundary Butte Field, Apache Co., Arizona

Dear Mr. Sharpe:

This Commission approves your request to flare up to 1 MMCFGD from the subject well for a 60 day test provided that you shall have a permanent pilot to insure full combustion of the flared gas.

The following forms are enclosed for your use after you have completed the test:

- 1) Well Status Report and Gas-Oil Ratio Tests (Form 3)
- 2) Well Completion or Recompletion Report (Form 4)
- 3) Potential Test and Request for Allowable (Form 6)
- 4) Reservoir Pressure Report (Form 7)

These forms are to be filed with this Commission within 30 days of the completion of the test.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Prgm Admr

Enclosures

FAX 505-326-5900

PH. 505-327-9801

MERRION OIL & GAS CORPORATION

610 REILLY AVE. • P. O. Box 840
FARMINGTON, NEW MEXICO 87499

October 2, 1990

Arizona Oil & Gas Commission
Attn: Mr. Daniel J. Brennan
5150 N. 16th Street, Suite B-141
Phoenix, Arizona 85016-3803

PN 490

Dear Dan:

I received your letter concerning changes to the Navajo 3-11 procedure. I have made those changes, initialled and dated them, and am returning the procedure. Thank you for reviewing the procedure and responding so quickly.

In response to your questions concerning my Navajo 3-11 workover procedure, I hang the packer at the lowest perf in steps 8 and 17 so that I can spot acid across the perfs. The hole will be filled with water and 3 Bbls of acid will be circulated down until it is balanced across the perfs. The packer will then be picked up, set above the perfs, and the acid pumped away. It is often very difficult to establish a rate into the perfs if we don't put acid across them first.

In step 9c, my RBP is set above the lower 8 perfs because I was afraid the acid might break into a water zone which is directly below the lower 8 perfs. I spotted acid across them to provide some clean-up, but did not want to chance communicating with the water on the larger part of the job.

More ball sealers are dropped than there are holes since it is likely they won't all hit. If they do all hit before the job is complete, we will "surge" them off and finish pumping the rest of the acid away.

You also wrote me a letter on September 6, 1990 concerning injecting 300 Bbls of water into our Navajo #3 disposal well after it failed the Mechanical Integrity Test. Upon further review, we did not inject the water, but rather had it trucked off. The person who prepares the reports just assumed the water, which was produced from the Navajo 1, was injected since that has always been the case in the past. I overlooked this error when I signed the report.

The wells on these leases are being produced one day per month to hold the leases and we will continue to truck the water until our Navajo 3 well is repaired and approved for injection. Our Arizona Injection Report has been amended to account for this reporting error.

The State of Arizona and the BLM have approved my procedure to repair the Navajo 3 well. However, I am still waiting for approval from the EPA. I'll let you know when they approve it and when we plan to start the work so you can observe if you wish.

Sincerely,

MERRION OIL & GAS CORPORATION

T. Greg Merrion

T. Greg Merrion
Executive Vice President

TGM/lis



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

September 13, 1990

Mr. T.Greg Merrion
Merrion Oil & Gas Corp.
P.O. Box 840
Farmington, New Mexico 84799

Dear TGreg,

I called you several times to talk about the plan for recompleting the Navajo 3-11 well located in Sec 3, T41N-R28E, Apache County, Arizona. Apparently you never got the messages I left.

At step 14, I suggest that you set the packer at 5475, instead of at 5500 so that you can get 50 feet of cement above the Mississippian perforations that will be required for final abandonment. That will save you having to add 25 feet of cement at final abandonment.

At step 21b, we require 50' of cement above the Ismay and Desert Creek perforations. We also require 50 feet of cement above and below and across the Coconino formation, not just 100 feet across the formation. From looking at the SP log, the Coconino fresh water zone appears to be from 1894' to 1938', so the minimum cement required would be from 1844' to 1988'.

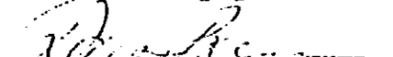
At step 21d, we only require 20' of cement at the surface. We will accept 50' gladly.

Just out of curiosity, at step 8 why is the packer hung at 5666' which is the level of your lowest perforation? You do the same thing at step 17.

Also at step 9c, you set the RBP at 5640, which is above 8 perforations, yet you go ahead and drop 26 ball sealers with only 18 open perforations. I don't care if you do this, but thought I would point it out. You don't do it when you perforate Ismay and Desert Creek, but there you do drop one more ball sealer than you have holes.

If you will modify the plan as noted we can approve it promptly.

Very truly yours,


Daniel J. Brennan

#490



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

September 6, 1990

Mr. T. Greg Merrion
Merrion Oil and Gas Corporation
P. O. Box 840
Farmington, NM 84799

Dear T. Greg:

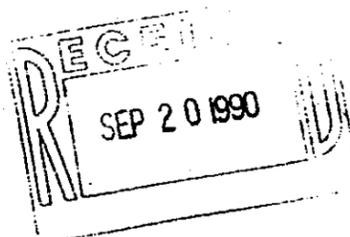
We have received your Monthly Producers Report and Report of Injection Project for the month of July 1990. The reports show production of 300 barrels of water on the lease and injection of 300 barrels of water during the month into your Navajo 14-20-603-413 lease (East Boundary Butte).

Your injection well failed its Mechanical Integrity Test on June 19, 1990, and your representative was informed that the well could not be used for injection until it was satisfactorily repaired.

I do understand that you have indicated an intention to repair this well, but in the meantime, it should not be used for disposal of produced water.

Very truly yours,

Daniel J. Brennan
Executive Director





Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

September 5, 1990

T. Greg Merrion, Production Engineer
Merrion Oil & Gas Corporation
P. O. Box 840
Farmington, NM 87499

P/N 22, 28, 490, 514, 515

RE: R12-7-183, Certificate of compliance and authorization to transport

Dear Mr. Merrion:

I noticed from your production report that you have changed the transporter of oil from the East Boundary Butte field in Arizona effective June 1990.

Please be advised that this change requires you to file a new "certificate of compliance and authorization to transport oil or gas from lease". I have enclosed a copy of the pertinent rule (R12-7-183) and two copies of form 8 for your use.

We appreciate your cooperation in this matter.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Specialist

Enclosures

MERRION OIL & GAS CORPORATION

610 REILLY AVE. - P. O. Box 840
FARMINGTON, NEW MEXICO 87499

RECEIVED PH. 505-327-9801

NOV 24 1986

O & G CONS. COMM.

November 20, 1986

Arizona Oil & Gas Conservation Commission
3110 N. 19th Avenue, Suite 190
Phoenix, Arizona 85007

Attention: Rudy Ybarra

Re: Well Status
East Boundary Butte
Apache Co., Arizona

Dear Mr. Ybarra:

Enclosed please find the "Notice of Intent to" and "Subsequent Report of" sundry notices for the plugging and abandonment of the Navajo 23-11 and the Navajo 2-11. Both wells are located in Section 11, T41N, R28E in Apache Co., Arizona.

The following is a list of the status of the wells which Merrion Oil and Gas operates in the East Boundary Butte Field, Apache Co., Arizona:

LEASE	WELL NAME	STATUS
14-20-603-226	Navajo No. 2 ^{DN} 22	SI Gas Well
	Navajo No. 2-13 481	P & A
	Navajo No. 3-3 514	SI
	Navajo No. 3-11 520	SI
14-20-603-227	Navajo No. 2-11 518	P & A
	Navajo No. 23-11 67	P & A
14-20-603-412	Navajo No. E-1 575	P & A
14-20-603-413	Navajo No. 1 28	Pumping Oil Well
	Navajo No. 3 515	Salt Water Disposal

also 2 Navajo E

If you need any additional information, please advise.

Respectfully yours,

MERRION OIL & GAS CORPORATION

T. Gregory Merrion

T. Gregory Merrion, Production Engineer

TGM/am

Enc.

February 3, 1978

Mr. Robert R. Rosnik
Consolidated Oil and Gas, Inc.
1860 Lincoln Street
Denver, Colorado 80295

Re: Blanket Performance Bond USF&G 31380-13-99-68

Dear Mr. Rosnik:

Consolidated Oil and Gas, Inc., has complied with all the rules and regulations of the Arizona Oil and Gas Conservation Commission. Therefore, I am authorized to release Consolidated Oil and Gas, Inc., from all responsibilities under this bond.

USF&G is being notified by the Oil and Gas Conservation Commission, by copy of this letter, of the release of the bond.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

cc - USF&G

We do not have the address of the issuing office of the referred bond, therefore we are asking you to forward USF&G's copy of this letter to the correct office.

490

Operator Consolidated Oil & Gas, Inc.

Bond Company U.S.F. & G. Amount 25,000

Bond No. 31380-13-99-68 Date Approved 2-13-68

Permits covered by this bond:

- 22
- 69
- 481
- 488
- ~~490~~
- 514
- 524
- 528
- 37
- 518
-
-
-
-
-
-
-
-
-

CANCELLED

DATE 2-2-79 *wal*

*SEE FILE 518 -
For Cancelled Bond*

CANCELLED

February 5, 1976

Mr. J. Gregory Merrion
Merrion & Bayless
P. O. Box 1541
Petroleum Club Plaza
Farmington, NM 87401

RE: U. S. Fidelity & Guaranty Company
Surety Bond #01-0130-972-74

Dear Greg:

Back on October 23, 1974, you requested your surety, USF&G, to notify you of their acceptance of the wells that you had recently taken over from Consolidated Oil & Gas. A check of our files indicates that USF&G never responded to your request.

We have received a request for cancellation of a bond that technically still covers some wells that you as operator have also covered under the above referenced bond. Before, we can comply with the request for the release of this bond, we must have a written statement from USF&G assuming bonding responsibilities of these wells.

Will you please have USF&G write this Commission agreeing to assume bonding responsibilities for all the wells that you operate in this state. The reason that this acknowledgement from USF&G is necessary is because this blanket bond states, "any and all oil and gas wells drilled within the state of Arizona". Our opinion is that legally USF&G could claim that only wells actually drilled by you were covered under Bond #01-0130-972-74.

We will appreciate your cooperation in this matter.

Sincerely,

W. E. Allen, Director
Enforcement Section

WEA/si

490

February 7, 1975

Mr. Robert L. Bayless
Petroleum Club Plaza Building
P. O. Box 1541
Farmington, New Mexico 87401

Re: East Boundary Butte Commingling

We fully concur with Mr. G. R. Daniel's letter of December 26, granting permission to ~~commingle~~ at the surface of production in the ~~Dineh-bi-Kayah~~ *East Boundary Butte* Field. As you have mentioned, it will be necessary to meter the produced gas at each well and monthly production tests will be adequate to determine the oil production from each lease.

You mentioned that your plans are to convert the Consolidated No. 3-11 well, Permit No. 490, into a water disposal well. It will be necessary that you receive permission from this Commission prior to this conversion.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

490

Robert L. Bayless

PETROLEUM CLUB PLAZA BUILDING
P. O. BOX 1541
FARMINGTON, NEW MEXICO 87401

February 4, 1975

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

ATTENTION: Mr. W. E. Allen
Director

Re: East Boundary Butte Commingling

Dear Bill:

Enclosed please find a copy of our letter of October 21, 1974 requesting approval from the United States Geological Survey to commingle production from four Navajo leases and the reasoning behind the request. Also enclosed is a copy of the United States Geological Survey reply approving this request subject to approval by your Commission.

Please consider this a request to commingle the oil and gas produced as set forth in the letter of October 21, 1974.

Yours truly,

MERRION & BAYLESS


Robert L. Bayless

RLB/su

Enclosures: Letter to U.S.G.S. dated October 21, 1974
Letter from U.S.G.S. dated December 26, 1974

490

RECEIVED
FEB 06 1975
O & G CONS. COMM.

October 21, 1974

United States Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

ATTENTION: Mr. Phil McGrath

Re: Request for Permission to Co-
mingle Production from Four
Navajo Leases, East Boundary
Butte Field, Apache County, Arizona.

Gentlemen:

We have heretofore operated the Navajo (14-20-603-413) and Navajo E (14-20-603-412) leases in Apache County, Arizona with production going to parallel tank batteries at a location in the SW/4 of the NW/4 Section 10, T41N, R28E.

We have recently acquired the Consolidated Oil & Gas properties on Navajo leases 14-20-603-226 and 14-20-603-227.

With five wells currently producible, there is a necessity for four tank batteries; each with a great amount of equipment.

Operating costs in this field have been extremely high due to:

1. The necessity to lift large quantities of water to produce either gas or oil.
2. Water disposal expense.
3. Scale and corrosion of flow lines and heater treaters.
4. High gathering and compression costs of natural gas produced.

The continued production from the field depends upon streamlining the operation and getting a better price for the gas. We have negotiated a better gas price and provided we can get FPC approval, we would like to re-vamp the flow line, compressor and tank battery facilities as per the attached plat.

RECEIVED

FEB 06 1975

O & G CONS. COMM.

United States Geological Survey
October 21, 1974
Page 2

Under this plan we can utilize existing flow lines to the maximum extent, and by adding a small amount of additional flow line, we can separately gather gas and fluid in separate lines. Hopefully, we can back pressure against the wells, eliminate flow line turbulence thus reducing scale and paraffin problems and increase compressor suction pressure thus reducing horsepower requirements.

The new tank battery will be located in the NE/4 of the SW/4 of Section 3 (near the old Consolidated 3-11 well, which will be converted to disposal). A new compressor site will be erected in the SW/4 of Section 2 replacing the two existing sites.

Oil-gas separators will be installed at each well and gas will be metered before commingling. Oil will be accounted for by monthly tests of each well.

We would appreciate your consideration and approval of this plan.

Yours very truly,

MERRION & BAYLESS

By _____
J. GREGORY MERRION

JGM/su

Enclosure



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

December 26, 1974

Mr. J. Gregory Merrion
P. O. Box 507
Farmington, New Mexico 87401

*Approval to
Comingle EBB*

Dear Mr. Merrion:

Your letter of October 21, 1974 requests approval to commingle production on leases 14-20-603-412, -413, -226, and -227 located in secs. 1, 2, 3, 4, 10, 11, 12, 13, 14, 15 and 16, T. 41 N., R. 28 E., East Boundary Butte field, Apache County, Arizona.

As set forth in your request, the expense of operating the field does not justify the duplication of equipment and its maintenance. One tank battery would be located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 41 N., R. 28 E., and one compressor set in the SW $\frac{1}{4}$ sec. 2. One oil-gas separator would be set at each well where gas would be metered separately and oil volumes would be allocated back to each well based on monthly tests of each well. The working interest and royalty interest on the four leases are identical.

The method of commingling production is hereby approved subject to like approval by the Arizona Oil and Gas Commission. Any change in this system must receive prior approval from this office. Form 9-361-A, "Lessee's Monthly Report of Sales and Royalty", must show all computations used in oil production allocated to each well.

You are requested to notify the Farmington office when the installation has been completed so that a field inspection can be made.

Sincerely yours,

G. R. DANIELS
Acting Area Oil and Gas Supervisor



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

October 28, 1974

Mr. J. Gregory Merrion
Petroleum Engineer
P. O. Box 507
Farmington, New Mexico 87401

Re: East Boundary Butte Field, Apache County, Arizona

Dear Greg:

If you receive approval from the U.S.G.S. and the Navajo Tribe, this Commission has no objections to the two proposals that you mentioned in your letter of October 23, 1974.

We are enclosing copies of our Form No. 15. It will be necessary that you complete this form in its entirety and return two copies to this Commission for our approval. We will also require a diagrammatic sketch of your down-hole installation for this disposal well.

Very truly yours,

W. E. Allen

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

#490

OFF. 325-0181
REG. 327-9094

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 507
FARMINGTON, NEW MEXICO 87401

October 23, 1974

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

ATTENTION: Mr. W. E. Allen
Director

Re: East Boundary Butte Field
Apache County, Arizona

Dear Bill:

Excuse my delay in answering your letter of September 23.

We have requested our surety, USF&G, to notify you of their acceptance of the following wells to be covered under our bond with them:

Navajo Tribal #2	SE 1/4	NW 1/4	Sec. 3	T41N, R28E
Navajo Tribal #3-3	SW 1/4	SW 1/4	Sec. 3	T41N, R28E
Navajo Tribal #3-11	NE 1/4	SW 1/4	Sec. 3	T41N, R28E
Navajo Tribal #2-11	SW 1/4	NW 1/4	Sec. 11	T41N, R28E
Navajo Tribal #23-11	NE 1/4	SW 1/4	Sec. 11	T41N, R28E

The above wells all being in Apache County, Arizona and effective date of our taking over operations being September 1, 1974.

Enclosed please find a xerox copy of a letter to the U.S.G.S. requesting permission to commingle production in one tank battery to be located in the NE 1/4 SW 1/4 of Section 3. Also enclosed please find a copy of the Federal Sundry Notice requesting approval to convert the 3-11 well to salt water disposal in the Mississippian-Devonian interval.

RECEIVED

OCT 25 1974

O & G CONS. COMM.

22,69,490, 514, 518

J. GREGORY MERRION
PETROLEUM ENGINEER

Oil and Gas Conservation Commission
October 23, 1974
Page 2

After reviewing these, we would appreciate your advising (1) if our proposal for commingling will be acceptable to the State of Arizona with monthly tests of each well to determine the monthly split in lieu of the actual measurement required by Rule #308, and (2) whether a hearing will be necessary for the salt water disposal well conversion or whether this can be done administratively.

Thank you for your advice on the above matters.

Yours very truly,

MERRION & BAYLESS

By J. Gregory Merrion
J. GREGORY MERRION

JGM/su

Enclosures: Letter to U.S.G.S. dated October 21, 1974
Federal Sundry Notice, Navajo Tribe 3-11 Well dated October 22, 1974.
Flowline Plat

RECEIVED
OCT 25 1974
O & G CONS. COMM.

October 21, 1974

United States Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

ATTENTION: Mr. Phil McGrath

Re: Request for Permission to Co-
mmingle Production from Four
Navajo Leases, East Boundary
Butte Field, Apache County, Arizona.

Gentlemen:

We have heretofore operated the Navajo (14-20-603-413) and Navajo E (14-20-603-412) leases in Apache County, Arizona with production going to parallel tank batteries at a location in the SW/4 of the NW/4 Section 10, T41N, R28E.

We have recently acquired the Consolidated Oil & Gas properties on Navajo leases 14-20-603-226 and 14-20-603-227.

With five wells currently producible, there is a necessity for four tank batteries; each with a great amount of equipment.

Operating costs in this field have been extremely high due to:

1. The necessity to lift large quantities of water to produce either gas or oil.
2. Water disposal expense.
3. Scale and corrosion of flow lines and heater treaters.
4. High gathering and compression costs of natural gas produced.

The continued production from the field depends upon streamlining the operation and getting a better price for the gas. We have negotiated a better gas price and provided we can get FPC approval, we would like to re-vamp the flow line, compressor and tank battery facilities as per the attached plat.

RECEIVED

OCT 25 1974

O & G CONS. COMM.

450

United States Geological Survey
October 21, 1974
Page 2

Under this plan we can utilize existing flow lines to the maximum extent, and by adding a small amount of additional flow line, we can separately gather gas and fluid in separate lines. Hopefully, we can back pressure against the wells, eliminate flow line turbulence thus reducing scale and paraffin problems and increase compressor suction pressure thus reducing horsepower requirements.

The new tank battery will be located in the NE/4 of the SW/4 of Section 3 (near the old Consolidated 3-11 well, which will be converted to disposal). A new compressor site will be erected in the SW/4 of Section 2 replacing the two existing sites.

Oil-gas separators will be installed at each well and gas will be metered before commingling. Oil will be accounted for by monthly tests of each well.

We would appreciate your consideration and approval of this plan.

Yours very truly,

MERRION & BAYLESS

Original Signed
J. Gregory Merrion
By J. GREGORY MERRION

JGM/su

Enclosure



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

September 27, 1974

Mr. W. E. Allen
Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Re: COG #1 & 2
Apache County, Arizona

Dear Mr. Allen:

Enclosed per your letter request of September 23, 1974 are Designation of Operator forms executed by Consolidated naming J. Gregory Merion and Robert L. Bayless operator of Navajo Leases 14-20-603-226 and 14-20-603-227 covering all the lands in Apache County, Arizona under those two leases.

If there is anything additional you require, please let me know.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

Robert R. Rosnik

RRR:da
Enclosures

RECEIVED

SEP 30 1974

O & G CONS. COMM.

490



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

September 23, 1974

Mr. J. Gregory Merrion
Merrion & Bayless
P. O. Box 1541
Farmington, New Mexico 87401

Re: Navajo Tribal #2 Navajo #23-11 Consolidated #3
 Sec 3-T41N-R28E Sec 11-T41N-R28E Sec 3-T41N-R28E
 Permit No. 22 Permit No. 69 Permit No. 490

Consolidated Navajo #3-3 Consolidated Navajo #2-11
 Sec 3-T41N-R28E Sec 11-T41N-R28E
 Permit No. 514 Permit No. 518

Dear Greg:

We have been informed by Consolidated that you are now the operators of the above referenced wells. For our records, will you please confirm your take over of these wells listing the well number, legal description and the effective date of the take over.

If it is your intention for these wells to be placed under your existing bond, it will be necessary for your surety company to notify this office that they are accepting these wells to be covered under your bond. It will also be necessary for your surety to specifically describe the wells as to their name and legal description.

I sincerely hope that you people will be able to improve the production on this group of wells.

Very truly yours,

Bill

W. E. Allen, Director
Enforcement Section

WEA/rlb



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

September 23, 1974

Mr. J. D. Smothermon
Manager, Operator
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Navajo Tribal #2 Navajo #23-11 Consolidated #3
 Sec 3-T41N-R28E Sec 11-T41N-R28E Sec 3-T41N-R28E
 Permit No. 22 Permit No. 69 Permit No. 490

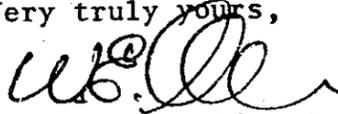
Consolidated Navajo #3-3 Consolidated Navajo #2-11
 Sec 3-T41N-R28E Sec 11-T41N-R28E
 Permit No. 514 Permit No. 518

Dear Mr. Smothermon:

We are attaching Designation of Operator forms for your use in officially notifying the Commission that the operation of the above referenced wells has been transferred to Merrion and Bayless of Farmington, New Mexico.

It would be appreciated if you would complete this form and return it to this Commission as quickly as possible.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

January 3, 1974

Mr. Joe A. Larkin
Consolidated Oil & Gas Inc.
1860 Lincoln Street
Lincoln Tower Building
Denver, Colorado 80203

Re: Well Status Report - Consolidated Navajo #3, Permit 490

Dear Mr. Larkin:

We have not received your Sundry Notices and Reports on Wells, Form 25, on your Navajo No. 3, Permit 490 well, since your September 1973 report.

Please submit these past due reports as soon as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

May 20, 1971

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen

Re: #3 Navajo, NE SW Sect. 3,
T41N-R28E, Apache Co., Ariz.
Your File No. 490

Gentlemen:

In response to your request of May 18, 1971, please find attached two copies of core analyses on the subject well covering the intervals 4626-73, 4775-87, and 5095-5116'.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink

D. E. Smink
Petroleum Engineer

DES/cc

Attachments

RECEIVED

MAY 24 1971

O & G CONS. COMM.

May 18, 1971

Mr. D. E. Swink
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3 Navajo
NE/4 SW/4 Sec. 3-T41N-R28E
Apache County
Our File #490

Dear Mr. Swink:

Our records indicate that you cored the above referenced well from 4626-5118'. If at all possible we would appreciate receiving the analysis of this core.

As you know, our geological department is compiling various geological data on wells drilled in the State of Arizona. The above requested core analysis would be very helpful.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd

May 18, 1971

Mr. D. E. Saink
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3 Navajo
NE/4 SW/4 Sec. 3-T41N-R28E
Apache County
Our File #490

Dear Mr. Saink:

Our records indicate that you cored the above referenced well from 4626-5118'. If at all possible we would appreciate receiving the analysis of this core.

As you know, our geological department is compiling various geological data on wells drilled in the State of Arizona. The above requested core analysis would be very helpful.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

WA

January 19, 1971

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1626 West Adams
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Re: Navajo No. 3-41-28-11
(No. 3 Navajo)
Section 3-T41N-R28E
Apache County, Arizona

Gentlemen:

Please find enclosed two copies of Form 25 - "Subsequent Report of Perforating and Testing Additional Interval" and one copy of Form 4 - "Recompletion Report", re. the subject well. Also enclosed is a daily report of operations.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/cc

Enclosure

cc. The Navajo Tribe, Minerals Dept.
Attention: Mr. P. K. Hurlbut

RECEIVED

JAN 22 1971

O & G CONS. COMM.

490



LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

WR
Consolidated Oil & Gas, Inc.

November 25, 1970

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1626 West Adams
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Re: Navajo No. 3-41-28-11
(No. 3 Navajo)
Sec. 3-T41N-R28E
Apache County, Arizona

Gentlemen:

Please find enclosed the original and one copy of Form 25, signifying our intention to perforate and test additional interval in the subject well. We will be pleased to send you copies of daily activities with the "Subsequent Report" when operations are completed.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/cc

Enclosure

cc. The Navajo Tribe, Minerals Dept.
Attention: Mr. P. K. Hurlbut

RECEIVED

NOV 30 1970

O & G CONS. COMM.

490



LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

WA
Consolidated Oil & Gas, Inc.

November 13, 1970

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen

Re: Consolidated Oil & Gas #3 Navajo
NE/4 SW/4 Section 3-T41N-R28E
Apache County, Arizona
Permit Number 490

Gentlemen:

Reference is made to your letter dated November 10, 1970, regarding the status of the captioned well.

Submittal of Form 25 is being initiated and will be done until the status changes. We are unable however to reconcile the production figures to those quoted in your letter. The August, 1970, Form 16 file copy shows 190 actual barrels oil produced, 4,747 barrels water and 114 MCF used on the lease.

We shall gladly cooperate if further clarification of the matter is desired.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

Joe A. Larkin
Joe A. Larkin
Production Accountant

JAL:gb

RECEIVED
NOV 16 1970
O & G CONS. COMM.

490

November 10, 1970

Mr. Joe A. Larkin
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3 Navajo
NE/4 SW/4 Section 3-T41N-R28E
Apache County
Our File #490

Dear Mr. Larkin:

It has been noticed from your Monthly Producers Report, Form 16, for the month of September that your #3 Navajo has been temporarily abandoned. On your report for August, 1970, you indicated that this well produced a total of 1,000 barrels of oil together with 11,743 MCF gas. Would you please furnish this Commission with a detailed report on the current status of this well including your reason for temporarily abandoning same.

So long as this well remains on a temporarily abandoned or shut in basis, it will be necessary for you to submit to the Commission Form 25, Sundry Notices and Reports on Wells, each month.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd
Enc.



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

December 31, 1969

Mr. John Bannister
Oil and Gas Conservation Commission
State of Arizona
1624 West Adams - Room 202
Phoenix, Arizona 85007

Dear Mr. Bannister:

Enclosed please find the following:

Form No. 5, "Well Status Report and Gas-Oil Ratio Tests" covering our Navajo 3-3 Well, East Boundary Butte Field, Apache County, Arizona.

Form No. 5, "Well Status Report and Gas-Oil Ratio Tests" covering our Navajo 3-11 Well, East Boundary Butte Field, Apache County, Arizona.

Form No. 6, "Potential Test and Request for Allowable - Oil Wells" covering our Navajo 2-11 Well, East Boundary Butte Field, Apache County, Arizona.

We would appreciate your sending us a supply of Forms No. 5 and No. 6. Thank you.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

R. L. Flowers, Jr.

R. L. Flowers, Jr.
Production Manager

RLF:lt
Enclosures



490

X-Chrono
X-Lambert
X-524

November 17, 1969

Mr. D. E. Smink
Consolidated Oil & Gas, Inc.
1860 Lincoln Street
Suite 1300
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3 Navajo (227)
T41N, R28E, G & SRM
Sec. 11: SW/4 NE/4
Apache County

Dear Mr. Smink:

The well located in Section 3 is properly designated the Consolidated Oil & Gas #3 Navajo (226). Our designation on the well to be permitted should properly be Consolidated Oil & Gas #3 Navajo (227). We prefer to permit the well with such a designation and will accept and receive communications and data from you designating it as the 11-3 as you wish to do to avoid misfiling and confusion in your office. The difference in location will be key enough for this office to keep the information pertaining to the two different wells separated.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jd



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

June 9, 1969

Mr. James A. Lambert
Oil and Gas Conservation Commission
State of Arizona
1624 West Adams, Room 202
Phoenix, Arizona 85007

Re: Consolidated Oil & Gas #3
T41N, R28E, G & SRM
Sec. 3: NE SW, Apache Co.
Permit #490

Dear Mr. Lambert:

4 In response to your letter of June 4, 1969, please find enclosed two copies each of the Microlaterolog, Cement Bond Log, Perforating Depth Control Log, and Movable Oil Plot.

If we can be of further assistance to your office, please do not hesitate to contact the undersigned.

Very truly yours,

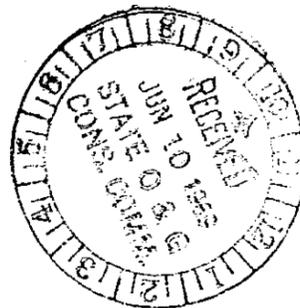
CONSOLIDATED OIL & GAS, INC.

D. E. Smink/cc

D. E. Smink
Petroleum Engineer

DES/cc

Enclosures



490

X-CHRONO
X-LAMBERT

June 4, 1969

Mr. D. E. Smink
Consolidated Oil & Gas, Incorporated
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3
T41N, R28E, G & SRM
Sec. 3: NE SW
Apache County
Permit #490

Dear Mr. Smink:

In checking over the Well Completion Form we noticed that we have received the logs listed with the exception of the Movable Oil Plot, Cement Bond, Temperature Survey, and Perforating Depth Control. We would appreciate receiving copies of these logs at your earliest convenience.

Also, you furnished us a copy of the MicroLaterolog done on April 9, 1969, which you did not mention on the Well Completion Report.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

490



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

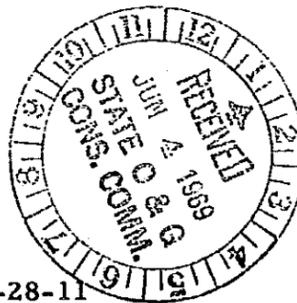
June 2, 1969

State of Arizona
Oil & Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Gentlemen:

Re: Navajo No. 3-41-28-11
Section 3, T41N-R28E
Apache County, Arizona



44 Please find enclosed the original and one copy of Form No. 4,
reporting the completion details of the above-identified well.

According to our records, core analyses and logs have previously
been sent to you; if these copies do not appear in your files, please
contact the undersigned and I will forward copies to you.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/cc

Enclosures

cc: Navajo Tribe, Minerals Dept.
Attention: P. K. Hurlbut

490



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

April 24, 1969

State of Arizona
Oil & Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Gentlemen:

Navajo 3-41-28-11
E. Boundary Butte Field
Section 3, T41-R28E
Apache County, Arizona

4⁴ Enclosed please find two copies of the electrical surveys on
the above well.

If you need any further information, please do not hesitate
to call me.

Yours truly,

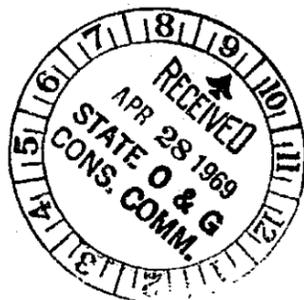
CONSOLIDATED OIL & GAS, INC.

Bill Green

Bill Green
Geologist

BG/jt

Enclosures



490

X - Lambert
X - Chrono

April 21, 1969

Mr. Wayne Rogers
Consolidated Oil & Gas, Incorporated
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #1 Navajo
T41N, R28E, G & SRM
Sec. 2: SW/4 SW/4
Apache County
Permit #481 X

Consolidated Oil & Gas #3 Navajo
T41N, R28E, G & SRM
Sec. 3: NE/4 SW/4
Apache County
Permit #490

Dear Mr. Rogers:

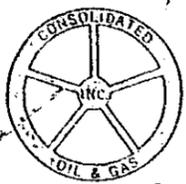
Consolidated's proposal to lay a flow line from the #3 Navajo Well to the tank battery located proximate to the Consolidated #1 Well as outlined in the penultimate paragraph of your letter dated April 18, 1969, is approved by this Commission.

We suggest that you carry the well covered by our Permit #488 X as Consolidated Oil and Gas #2 Navajo as outlined in our letter to you dated April 18, 1969. In all other respects your nomenclature of wells is in accordance with that terminology used by the State of Arizona.

Yours truly,

John Bannister
Executive Secretary

JAL:jf



LINCOLN TOWER BUILDING
1660 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

Consolidated Oil & Gas, Inc.

April 18, 1969



State of Arizona
Oil & Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Attention: Mr. John Banister

Gentlemen:

East Boundary Butte Field
Apache County, Arizona

Consolidated Oil & Gas, Inc. acquired certain wells from Shell Oil in the East Boundary Butte field and one well from Mobil Oil in what is referred to as the North Toh-Atin field, all located in Apache County, Arizona. The two gas wells purchased from Shell in the East Boundary Butte field are known as the Navajo No. 2, located in the SE NW of Section 3, and Navajo No. 23-11, ⁶⁹ located in NE SW of Section 11, T41N-R28E. The Mobil well ³² (Franco Western), Navajo No. 1, is located in the SW NW of Section 22. These names are being used by Consolidated.

Since acquiring the acreage, Consolidated drilled and completed its Navajo No. 2-13, located in the SW SW of Section 2. This well is carried on your records as the No. 1 Navajo under Permit No. 481. It is the dual oil producing and water disposal well.

Consolidated drilled and is currently completing its Navajo No. 3-11, located in the NE SW of Section 3. You call this well the No. 3 Navajo under Permit No. 490. Your Permit No. 488 for the No. 2 Navajo was for a location in the NE SE of Section 3. Consolidated carries this location as the Navajo No. 3-9, and the well has not been drilled.

490

O.K.

State of Arizona
Oil & Gas Commission
Page 2
April 18, 1969

Attached to this letter is a map of the area showing our well locations with Consolidated's designated well numbers. If necessary, we will change our well numbers to meet the requirements of your department.

Consolidated proposes to lay a flow line from the well located in the NE SW of Section 3, Permit No. 490, to the tank battery located near the well in the SW SW of Section 2, Permit No. 481. We propose to produce the full well stream through the pipeline into a heater treater which will be equipped with an oil meter. The oil will be metered to a common tank battery along with oil from our Navajo No. 2-13 well. A difference in working interest owners exists between these two wells. However, the rights of the working interest owners and royalty owners will be protected by metering the oil in accordance with good oil field practices. Oil from our No. 23-11 well is transported through Four Corners Pipeline; however, we are having to truck the oil from our Navajo No. 2-13 well, Permit No. 481. Consequently, oil from our Navajo No. 3-11, Permit No. 490, will also be trucked. Form 8 has been filed with your office.

Even though you have given verbal approval of this proposal, it would be appreciated if you would give us written approval for our records. If you need any additional information, please call me collect.

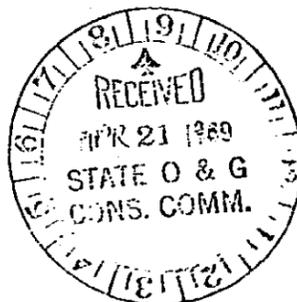
Yours truly,

CONSOLIDATED OIL & GAS, INC.

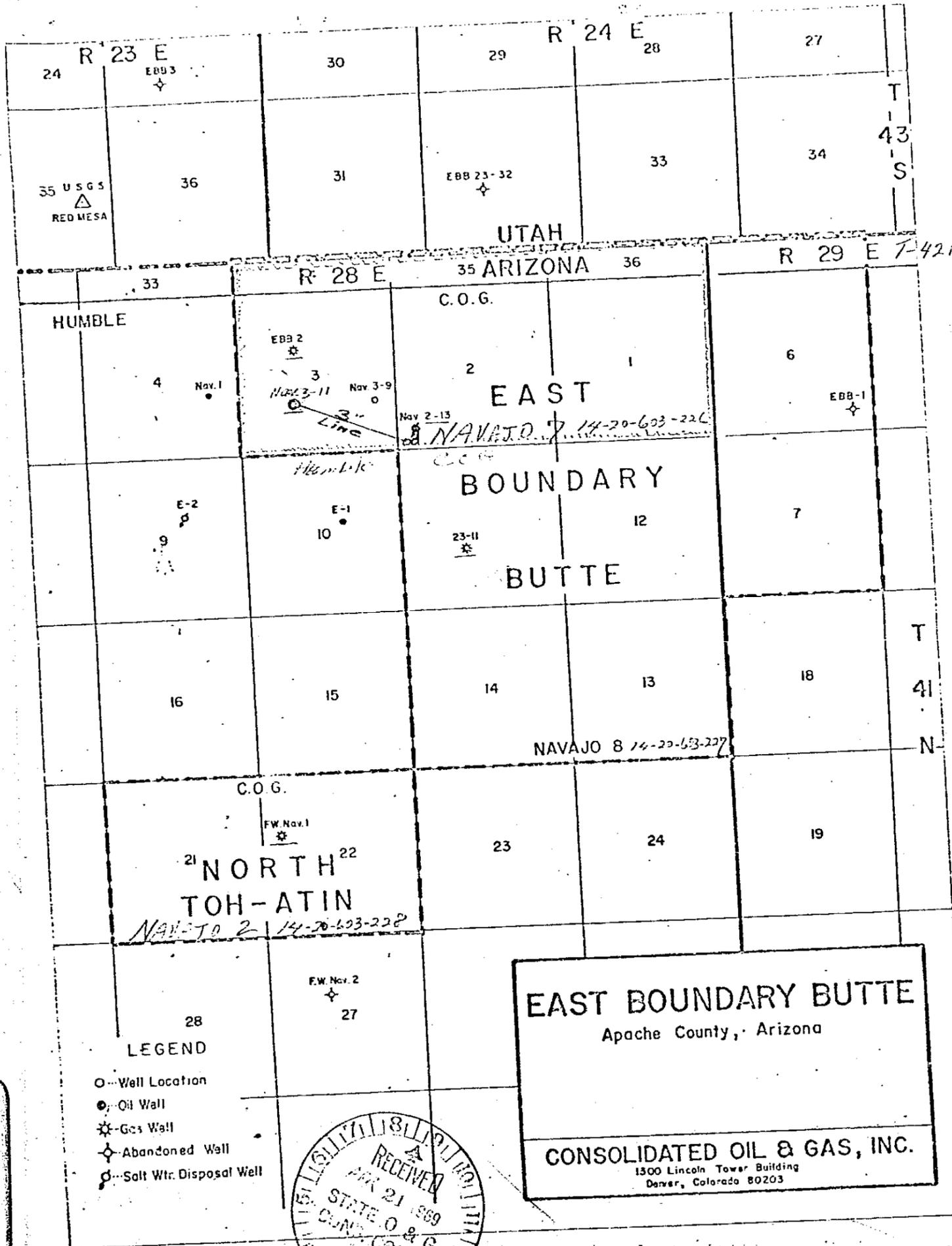
Wayne Rogers
Wayne Rogers

WR/jt

Enclosure



O.C.



- LEGEND
- Well Location
 - Oil Well
 - ★ Gas Well
 - ⊕ Abandoned Well
 - ⊙ Salt Wtr. Disposal Well

EAST BOUNDARY BUTTE
 Apache County, Arizona

CONSOLIDATED OIL & GAS, INC.
 1500 Lincoln Tower Building
 Denver, Colorado 80203



O.K. 490

X - Chesno
X - Lambert

April 18, 1969

Mr. Wayne Rogers
Consolidated Oil & Gas
~~4150 East Mexico Avenue~~ 1860 Lincoln St. Suite 1300
Denver, Colorado 80202

Dear Mr. Rogers:

Enclosed is the publication Mr. Bannister requested be sent to you. We have outlined below how the respective well names were derived as to Permits #481, 488, and 490.

- First. Name of operator, i.e.
Consolidated Oil & Gas
- Second. Numerical designation of well in relation to lease.
#1 etc. (Sequential)
- Third. Type of lease.
Navajo
- Fourth. Identification of lease by terminal digital numbers.
-226
- Fifth. Location.
2-41-28-13 or
2-13

Permit #481 Consolidated Oil & Gas #1 Navajo 226 (2-41-28-13).
Permit #488 Consolidated Oil & Gas #2 Navajo 226 (3-41-28-9).
Permit #490 Consolidated Oil & Gas #3 Navajo 226 (3-41-28-11).

We hope this explanation is clear. Call on us for help anytime you think we might be able to aid you.

Yours truly,

James A. Lambert
Administrative Assistant
Enc.
cc: Mr. Joe Larkin, Consolidated Oil & Gas, Denver



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

April 17, 1969

State of Arizona
Oil & Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Gentlemen:

Form No. 25
Navajo No. 3-41-28-11
Section 3, T41N-R28E
Apache County, Arizona

4^v Please find attached the original and one copy of "Sundry Notices and Reports" summarizing the setting and cementing of production casing in the captioned well.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/sc
Enclosures

cc: Navajo Tribe
Minerals Dept.
Attn: P. K. Hurlbut



490



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

March 26, 1969

State of Arizona
Oil and Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

42
Attention: Mr. James A. Lambert

Gentlemen:

Form No. 25
Navajo No. 3-41-28-11
Section 3, T41N-R28E
Apache County, Arizona

Please find enclosed the original and one copy of Form No. 25 reporting the setting and cementing of surface casing in the subject well. Copies of the daily drilling report summarizing drilling operations will also be mailed to you.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/ss

Enclosures

cc: U. S. G. S.
Farmington
Navajo Tribe
Minerals Dept.

490





Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

March 26, 1969

United States Geological Survey
Department of the Interior
P. O. Box 959
Farmington, New Mexico

Attention: Mr. P. T. McGrath

Gentlemen:

Form No. 9-331
Navajo No. 3-41-28-11
Section 3, T41N-R28E
Apache County, Arizona

Please find attached the original and two copies of Form No. 9-331 reporting the setting and cementing of surface casing in the subject well. Copies of the daily drilling report summarizing drilling operations will also be mailed to you.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

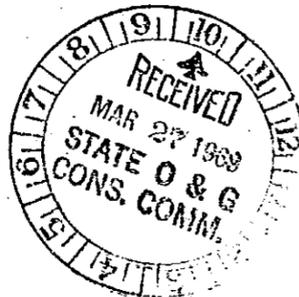
D. E. Smink
D. E. Smink
Petroleum Engineer

DES/ss

Enclosures

cc: Navajo Tribe
Minerals Dept.

State of Arizona
Oil and Gas Conservation Commission



490

*J. Cronin Log
L. Lambert
Log*

March 19, 1969

Mr. Vernon J. Lowe
Consolidated Oil & Gas, Incorporated
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Consolidated Oil & Gas #3
T41N, R28E, G & SRM
Sec. 3: NE/3 SW/4
Apache County, Arizona
Permit #490

Dear Mr. Lowe:

Enclosed is the Application For Permit To Drill which has been approved, our receipt #9571, a copy of your plat, and our Permit To Drill, #490.

We would like to remind you that there is a gas well producing from the Hermosa Paradox Formation, and our spacing regulations allow the full section dedication to that gas well as pertains to that formation.

Yours truly,

James A. Lambert
Administrative Assistant

jf

Enc.

490



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

March 13, 1969

State of Arizona
Oil and Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Attention: Mr. James A. Lambert

Gentlemen:

Application for Permit to Drill
Navajo No. 3-41-28-11
East Boundary Butte Field
Apache County, Arizona

4✓ Please find enclosed the original and one copy of the subject form with certified location plats and our check No. 01788 in the amount of \$25.00.

The location for the subject well is being built and it is anticipated that the well may be spudded on or about March 18, 1969.

Very truly yours,

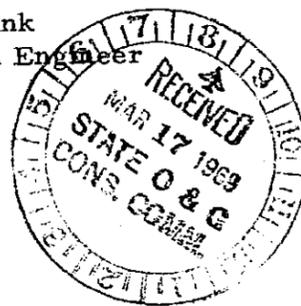
CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/ss
Enclosures

cc: Navajo Tribe
Minerals Dept.

U. S. G. S.
Farmington





March 7, 1969

Mr. Leland Abels
Staff Archaeologist
National Park Service
P. O. Box 1060
Gallup, New Mexico

NE 1/4 SW 1/4 ?

Re: Navajo #3-41-28-11, C NE SW Sec. 3,
T41N, R28E, Apache County, Arizona

Dear Mr. Abels:

This company has employed a surveyor to survey and stake the location of the captioned well preparatory to filing applications to drill with the Oil and Gas Conservation Commission, State of Arizona, and the U. S. G. S., Department of the Interior.

It would be appreciated very much if you would advise us if construction of the subject location would result in any disturbance, destruction, or removal of specimens of archaeological interest.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
Petroleum Engineer

DES:lt
cc: Bureau of Indian Affairs
Window Rock, Arizona 86515

The Navajo Tribe
P. O. Box 146
Window Rock, Arizona

State of Arizona, Oil & Gas Commission
Phoenix, Arizona 85007

490 U. S. G. S.
490 Farmington, New Mexico