[redacted]

P-W

FRANCO WESTERN #1 Navajo
SW NW 22-T41N-R28E APACHE CO. 32

COUNTY Apache AREA Four Corners LEASE NO. Nav 14-20-603-228

Merrion + Bayless (8-1-74) N. Toh-Atin Field
Consolidated Oil + Gas (4-1-68)

WELL NAME Franco Western Oil #1 Navajo

LOCATION SW NW SEC 22 TWP 41N RANGE 28E FOOTAGE 1980' FNL 660 FWL

STATUS Completed P&A 10-8-74

ELEV 5434 GR 5445 KB SPUD DATE 6-28-56 COMP. DATE 9-1-56 TOTAL DEPTH 5902'

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH
~~9 5/8"~~	~~984'~~	~~420 sx~~	
~~5 1/2"~~	~~5466~~		

DRILLED BY ROTARY x

DRILLED BY CABLE TOOL

PRODUCTIVE RESERVOIR Paradox (Penn)

INITIAL PRODUCTION 5359-5392' ~~7,450 MCFPD~~ ~~Gas Well~~

FORMATION TOPS	DEPTHS	SOURCE L.L.	SOURCE E.L.	REMARKS
SEE FILE				

ELECTRIC LOGS	PERFORATED INTERVALS		PROD. INTERVALS
Micro;Radioactivity;	5359-67	5380-92	5359-5367
Micro-Seismogram	5212-20	5138-44	5380-5392 Desert Creek

SAMPLE LOG Am Strat
SAMPLE DESCRP.
SAMPLE NO. T 442 P 181
CORE ANALYSIS
DSTs 4

REMARKS All interest in this well acquired by Socony Mobile Oil Co. 7-1-65. Operator changed to Consolidated Oil & Gas on 4-1-68. ~~Mobil Oil Company is covering the well with their bond as listed~~ below. Well is now covered by Consolidated bond. *Interest sold to Merrion & Bayless 8-1-74.

APP. TO PLUG x
PLUGGING REP. x
COMP. REPORT x

WATER WELL ACCEPTED BY

BOND CO. Federal Insurance Company BOND NO. 8033-85-98

BOND AMT. $ 25,000 CANCELLED 2-2-78 DATE ORGANIZATION REPORT x

FILING RECEIPT LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. DATE ISSUED 4-9-56 DEDICATION All

PERMIT NUMBER 32

(over)

DRILL STEM TEST

NO.	FROM	TO	RESULTS
			See file and Am Strat

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED - COMPLETED		WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

32

ARIZONA
APACHE COUNTY
WILDCAT (W)

PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 41n-28e
Sec 22
SW
(1980 n/s 660 e/w)

OPR: Franco Western Oil

WELL #: 1 Navajo

ELEV: 5434 Gr.
*TOPS: Log-XXXXX

Bluff 90
San Rafael 225
Navajo 415
Kayenta 620
Chinle 1095
Shinarump Conglomerate 2030
Moenkopi 2110
De Chelly 2290
Organ Rock 2755
Cedar Mesa 3340
U-Hermosa 4220
Base Lm member Hermosa 4950

Paradox 5110
Lower Hermosa 5485
Molas 5750
Leadville 5895

650819

*For Electric Logs on Rocky Mountain Wells—Ask Us!

DSTS. & CORES:

DST 5129-79, 2 hrs, gas in 12 min, light to moderate blow, rec 185 O & GCM, rec est 5000 MCFGPD. Perf 5359-67, 5380-92 w/4 per ft, acidized.

SPUD: 6-29-56 COMPL: 9-11-56
TD: 5900 PB: (approx)
CSG: 9-5/8" @ 984 w/420
PERF:

PROD. ZONE:

INIT. PROD: IPF 7,450 MCFGPD thru ½" ck. (Shut in).

32 x

PLUGGING RECORD

#32

Operator: Consolidated Oil & Gas, Inc.	Address: 1860 Lincoln St., Denver, Colo. 80203
Federal, State, or Indian Lease Number, or lessor's name if fee lease: Navajo Tribal 14-20-603-228	Well No.: 1-22
Field & Reservoir: North TohAtin Paradox	
Location of Well: 1980' FNL & 660' FWL Section 22-T41N-R28E (SW NW)	Sec-Twp-Rge or Block & Survey
County: Apache	
Application to drill this well was filed in name of: Franco Western Oil Co.	Has this well ever produced oil or gas: Yes
Character of well at completion (initial production): Oil (bbls/day): 18	Gas (MCF/day): 7450
Dry?	
Date plugged: October 9, 1974	Total depth: 5902
Amount well producing when plugged: Oil (bbls/day): 0	Gas (MCF/day): 30
Water (bbls/day): 2	

Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement
Paradox (open)	Gas, Condensate &	5110-5485	5138-5220 sq. w/25 sx
	Water	(perfs 5138-44, 5212-	50 sx. 4900-5339
		20, 5359-67 &	50 sx. 2012-1812
		5380-92)	60 sx. 1083-933
			25 sx. 50'-surface

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
9-5/8	983.5	-0-	983.5	-	
5-1/2	5466	1912	3554	Shot	Model D @ 5346'w/knockout plug.
					Sand on top of Model D to 5339
					w/drag spring off RBP on top of
					sand.

Was well filled with mud-laden fluid, according to regulations? Yes

Indicate deepest formation containing fresh water. Coconino

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
Navajo Tribe		

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Area Production Manager 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.

November 12, 1974
Date

Floyd E. Ellison, Jr.
Signature

RECEIVED
NOV 18 1974
O & G CONS. COMM.

Permit No. 32

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Plugging Record
File One Copy

Form No. 10

32 × 8

APPLICATION TO ABANDON AND PLUG

#32

FIELD North Toh-Atin

OPERATOR Consolidated Oil & Gas, Inc. ADDRESS 1860 Lincoln St., Denver, Colo. 80203

Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease Navajo Tribal 14-20-603-228 WELL NO. 1-22

SURVEY T41N-R28E SECTION 22 COUNTY Apache

LOCATION 1980' FNL and 660' FWL Section 22-T41N-R28E (SW NW)

TYPE OF WELL Gas (Oil, Gas or Dry Hole) TOTAL DEPTH 5902

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL 0 (Bbls.) WATER 2 (Bbls.)

GAS 30 (MCF) DATE OF TEST 4/74

PRODUCING HORIZON Paradox PRODUCING FROM 5138 TO 5220

1. COMPLETE CASING RECORD 9-5/8" 32.30# H-40 casing set @ 983.5' w/400 sacks
5-1/2" 15.5# J-55 casing set @ 5466' w/275 sacks
Perfs 5392-80 and 5367-59'
Model "D" packer @ 5346' with knock-out plug
Sand on top of Model "D" to 5339 with drag spring off retrievable bridge plug on top of sand
Perfs 5220-5212 and 5144-5138'

2. FULL DETAILS OF PROPOSED PLAN OF WORK Spot 75 sacks cement from sand on top Model "D" to 4700'. Squeeze perfs 5138-44 and 5212-20' leaving top of cement no lower than 5050'.
Place 200' cement plug with 100' in and 100' out of 5-1/2" casing stub (50 sacks).
Place 150' cement plug with 50' in and 100' out of 9-5/8" surface casing (60 sacks).
Place 50' cement plug in top of 9-5/8" casing (25 sacks).
Use an approximate 9 lb/gal mud to fill hole and spot between plugs.
Install regulation dry hole marker, clean up and level location.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS Approximately September 1, 1974

NAME OF PERSON DOING WORK Leo Case ADDRESS P.O. Box 2038, Farmington, New Mexico 87401

CORRESPONDENCE SHOULD BE SENT TO Floyd E. Ellison, Jr.
Name

Area Production Manager
Title

1860 Lincoln St., Denver, Colorado 80203
Address

August 14, 1974
Date

Date Approved 8-21-74
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: W. B. Allen

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies
Form No. 9

RECEIVED
AUG 19 1974
O & G CONS. COMM.

Permit No. 32

32 × 1

32

DATE: July 10, 1974

FROM: W. E. Allen, Director--Enforcement Section

RE: Franco Western Navajo #1
22-T41N-R28E
Apache County, Permit #32

Consolidated #1 Navajo
2-T41N-R28E
Apache County, Permit #481

Leo Case called this date for permission to plug the above referenced wells. He will submit Form 9, Application to Plug and Abandon before work starts. Phil McGrath with U.S.G.S. has approved the plugging program.

Consolidated Oil & Gas sold all their wells in Arizona to Merrion and Bayless. August 1, 1974 is the tentative date for Merrion and Bayless to assume operations of Consolidated wells. The Navajo No. 1 is presently used by Consolidated as a water disposal well. Before this well can be plugged, it will be necessary for Merrion & Bayless to make other arrangements for disposal of water presently produced from the Consolidated wells.

WEA/rlb

#32

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, Colo. 80203
Federal, State or Indian Lease Number or name of lessor if fee lease: Navajo Tribal 14-20-603-228	Well Number: 1-22 / Field & Reservoir: North Toh-Atin
Location: 1980'FNL & 660' FWL (SW NW)	County: Apache County, Arizona
Sec. TWP-Range or Block & Survey: Sec. 22-T41N-R28E	

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.)	Elevation of casing hd. flange
6/28/56	8/11/56	orig. 8/21/56	5445' KB feet	5434' GR. feet

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
5902'	5346'	single	

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
5212-20 & 5138-44	--	--

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 commission)	Date filed
Micro-Seismogram Log-Cased Hole	enclosed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

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.)
2-3/8" in.	5226.5 ft.	5099 ft.	5-1/2" 2-3/8 x/ 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
old 4	1/2" jet	5359-67, 5380-92	3250 gal.+3250 gal.	5359-67, 5380-92
new 4	1/2" jet	5212-20, 5138-44	2000 gal.+2000 gal.	5212-20, 5138-44

INITIAL PRODUCTION

Date of first production	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)
9/21/70	Flowing

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
11/15/70	24	none - 2" line	0 bbls.	140 MCF	0 bbls.	-- °API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil	Gas	Water	Gas—oil ratio
900	0 (pkr)		0 bbls.	140 MCF	0 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 the 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: 12/28/70

Signature: D. E. Smink
D. E. Smink

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DEC 30 1970
O & G CONS. COMM.

Permit No. File No 32

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log
File One Copy
Form No. 4

(Complete Reverse Side)

32 x

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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR: 1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL and 660' FWL Sec 22-T41N-R28E (SW NW)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-228

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME: Navajo

9. WELL NO.: 1-22

10. FIELD AND POOL, OR WILDCAT: North Toh-Atin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 22-41N-R28E

12. COUNTY OR PARISH: Apache

13. STATE: Arizona

14. PERMIT NO.: File No. 32

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5434' GL 5445' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Perforating and Stimulation			☒
(Other)				(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.)*

Perf. 5212-20, 4 JSPF; acidized perfs. w/2000 gals. 15% NE acid. Perf. 5138-44, 4 JSPF; acidized perfs. w/2000 gals. 15% HCl acid. Swabbed well down and returned to production.

Production Rate: 140 MCF/D, FTP = 900 psi.

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

SIGNED D. E. Smink TITLE Petroleum Engineer DATE December 10, 1970

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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DEC 14 1970
O & G CONS. COMM.

32 ×

NAVAJO #1-22:

10/2/70: FTP 350 psi, 26 MCF in 4 hrs. 2-hr. SITP 800 psi. Rigged well to flow to pit. In 18 hrs. produced 130 MCF, 0 BO + 131 BW, 28/64" choke. FTP 120-80 psi, well heading. In 24 hrs. produced 156 MCF, 0 BO + 131 BW.

10/3/70: 220 MCF, 0 BO, and 37 BW in 21 hrs. SI 3 hrs. to install lubricator. FTP 110-80 psi, 28/64" Ck. Well heading. Dropped 3 soap sticks.

10/4/70: 224 MCF, 9 BO, and 40 BW in 24 hrs. FTP 100-70 psi, 28/64" Ck. Well heading.

10/5/70: 159 MCF, 9 BO, and 26 BW in 24 hrs. FTP 100-65 psi, 28/64" Ck. Well heading.

10/6/70: FTP = 70-105 psi. Well heading. Ck. = 28/64". Prodn.: 143 MCF, 3 BO, and 28 BW in 24 hrs.

10/7/70: FTP 100-70 psi. Well heading. Ck. = 28/64". Prodn.: 152 MCF, 0 BO + 34 BW in 24 hrs.

10/8/70: Ran BHP bomb -- made stops going in hole. Shut well in at 12:30 PM for BHP build-up.

10/9/70: SI for pressure build-up.

10/10/70: SI for pressure build-up.

10/11/70: SI for pressure build-up.

10/12/70: SI for pressure build-up. Transferred to Production Department. Final Report.

NAVAJO #1-22:

9/23/70: FTP 100 psi on 20/64" choke. 360 MCF, 0 BO, and 94 BW.

9/24/70: 8:00 AM - 12:00 Noon (4 hrs.), SITP = 680 psi. In 20 hrs. produced: 280 MCF, 0 BO, and 80 BW. FTP 100 psi, 30/64" choke. Will reset on 20/64" choke.

9/25/70: 4-hr. SITP: 640 psi. 20-hr. production: 290 MCF, 0 BO & 76 BW. FTP 130 psi on 20/64" choke. Will put well on intermitter.

9/26/70: 8:00 a.m. - 12 noon - FTP 130 psi, 20/64" choke. 280 MCF in 24 hrs. No measurement on liquids. Stop cock to pit, 4 hrs. SITP after 4 hrs., 640 psi. Intermitter relocated. Will stop cock; 2 hrs. SI, 4 hrs. flow.

9/27/70: FTP 350 psi, 20/64" choke, (2 hr.) SITP 640 psi. 64 MCF in 24 hrs.; 2 BO + 11 BW in 16 hrs. flowing, 8 hrs. SI.

9/28/70: Flowed 8 a.m. to 12 noon. 4-hr. FTP 350 psi, 20/64" choke. 0 BO + 5 BW. Actually flowed 30 min. during 4-hr. period, then logged off. Shut in 12 noon to 2 p.m.; 2-hr. SITP 650 psi. Intermitter malfunction, 18-hr. SITP 1165 psi. Put well to flowing this a.m.

9/29/70: 4-hr. FTP 1175 psi - 350 psi. 112 MCF in 4 hrs. flowing. 2-hr. SITP 800 psi 4-hr. FTP 800 psi - 350 psi, 26 MCF in 4 hrs. 2-hr. SITP 750 psi; 4-hr. FTP 750 - 350 psi, 26 MCF in 4 hrs. 2-hr. SITP 700 psi. 4-hr. FTP 700 psi - 350 psi, 26 MCF. 2-hr. SITP 700 psi. Total gas for 24-hr. period: 190 MCF. 0 BO + 26 BW - 20/64" choke.

9/30/70: FTP 350 psi, 26 MCF in 4 hrs.; 2-hr. SITP 750 psi. Well cycled 4 times. 24-hr. production: 104 MCF, 0 BO + 28 BW.

10/1/70: FTP 350 psi, 26 MCF in 4 hrs. 2-hr. SITP 800 psi. Rigged well to flow to pit. In 18 hrs. produced 130 MCF, 0 BO + 131 BW, 28/64" choke. FTP 120-80 psi, well heading. In 24 hrs. produced 156 MCF, 0 BO + 131 BW.

NAVAJO #1-22:

9/19/70: SITP = 450 psi. Bled to 0 psi in 30 min. on 12/64" choke. Ran swab, tagged FL at 3000'. Pulled swab from 4000', had scum of oil. Swabbed well from 5000'. Rec. 16 BF in one hour. Swabbed well as follows: (hourly data)

BF	SD	FL	% Water
15	5000	4700	99
7	"	"	99
8	"	"	98
3	"	4750	99
3	"	"	99
3	"	4800	
39 BF			

Est. gas rate less than 50 MCF/D on overnight test through meter run. Tagged FL at 4000' this AM. Will put well on production, with perfs. 5138-44' and 5212-20' producing together.

9/20/70: FTP = 0 psi on 14/64" choke. Tagged FL at 4000' (1000' fluid rise in 15 hrs.). Pulled swab from 5000'. Rec. 3.5 BSW and 0.5 BO. Pumped 20 BSW into tubing. Unseated Model "R" packer and pumped 100 BSW down casing, on vacuum. Equalized Model "C" BP. Pulled 60 jts. 2-3/8" tubing. Tubing began to kick. Blew tubing down to tank. Pulled 106 jts. tubing, Model "R" packer, and Model "C" RBP. Left one-half of drag spring from Model "C" RBP in hole. Ran tubing as follows:

4 jts. 2-3/8" tailpipe	123.89
Baker Model "R" packer	6.93
Cup-type PSN	1.16
98 jts. 2-2/8" tubing	3022.11
66 jts. P.C. 2-3/8" tubing	2061.45
Total	5215.54
11' KB	11.00
Set at	5226.54

Top of packer at 5099'. 13,000 lb. wgt. on packer. Nippled up Xmas tree. Ran swab, tagged FL at 75'. Swabbed for 2 hrs., rec. 94 BSW. 730 BLW to recover.

9/21/70: Swabbed well 9 hrs., recovered 350 BSW. Final FL 1500' from surface, final SD 5000'. Good blow after each pull, but would not kick off. SD for night. This AM, 13 hr. SITP 1175 psi. Flowed to pit for 30 min. SITP after 15 min. = 1500 psi. Put well on 20/64" choke. Flowing to pit, FTP 1200 psi. Heavy spray of water. 380 BLW to recover.

9/22/70: Flowed well to pit on 20/64" choke for 23 hrs. FTP = 120-150 psi. Gas at rate of 390 MCF/D. Recovered 207 BSW and 12 BO. 173 BLW to recover.

NAVAJO #1-22:

9/16/70: SICP = 800 psi. Bled off gas pressure from 800 to 200 psi. Slight amount of oil on top. Killed well w/80 BSW down casing. Rigged up wireline unit. Tagged fluid 200' from top. Tagged PBTD at 5339' (GR-N meas.). Perf. 5138-44' w/4" O.D. carrier gun (GR-N meas.), 4 JSPF. Well started kicking. Pumped 140 BSW in well. Ran 5-1/2" Baker Model "C" retrievable bridge plug on 2-3/8" tubing as follows:

Baker Model "C" retrievable bridge plug
2 jts. 2-3/8" tailpipe
Baker Model "R" packer
63 jts. 2-3/8" tubing

Well began to kick, shut rams on BOP. Pumped 120 BSW down tubing, 2 BPM at 800 psi. Well would not bleed off below 150 psi. Set Model "R" and bled off casing pressure. SITP = 150 psi. SD for night. Prep. to run Baker tubing plug. Note: Pumped approx. 200 BSW into well on 9/14/70; 340 BSW on 9/15/70; or total of 540 BSW in well to date.

9/17/70: SITP 65 psi. Rigged up wireline unit. Ran Otis tubing plug, set at 725'. Unseated Baker Model "R" packer. Started picking up tubing (casing pressure 200 psi). Total pipe in hole:

Baker retrieving head	3.83'
2 jts. 2-3/8" tubing	62.03'
Baker Model "R" packer	6.93'
98 jts. 2-3/8" tubing	3022.11'
66 jts. 2-3/8" p.c. tubing	2061.45'
Total	5156.35'
7' to zero	7.00'
	5163.35'

Set Model "C" retrievable bridge plug at 5186', bottom of Model "R" packer at 5097'. Bled off casing pressure. Filled tubing w/salt water. Ran and retrieved Otis plug. Well had 100 psi SITP (gas). Ran swab. Tagged FL at 700'. Swabbed well down to 5000' in 4 pulls. Waited 1 hr. Tagged FL at 5000'. SD for night. Preparing to acidize well.

9/18/70: SITP "zero". Ran swab. Tagged fluid at 4500'. Pulled swab from 5000', recovered salt water. Rigged up B-J, loaded casing w/salt water, loaded tubing w/15% HCl iron inhib. acid. Spotted acid, by equalizing Model "R" packer, on perfs. 5138-44'. Treated w/2000 gals., avg. inj. rate 1 BPM at 1000 psi. ISI 350 psi, 5-min. SIP 250 psi, 10-min SIP 200 psi, and 30-min. SIP "zero". Pulled swab twice from 3000', well kicked off -- unloading acid water and gas to pit. FTP 300 psi on 1" choke, decreased to "zero" pressure in 2 hrs. Well died. Swabbed and flowed well to pit for 5 hrs. Well would not flow. SD for night.

NAVAJO #1-22:

9/2/70: 8:00 AM - 8:00 PM (9/1/70), blew well to pit on various chokes to clean up.
8:00 PM - 8:00 AM (9/2/70), produced well to compressors on 20/64" choke. Gas at rate of 393 MCF/D, oil 6 BOPD, water 26 BWPD. FTP = 600 psi, CP = 992 psi.

Will continue to test well and will obtain gas sample.

9/3/70: 24 hr. test to compressors: gas = 304 MCF/D, water = 3 BWPD. FTP = 500 psi on 20/64" choke, CP = 950 psi. Well unloading fluid this AM when gauge was taken.

9/4/70: 20 hr. test on 20/64" choke: gas at rate of 155 MCF/D, water 5 BWPD. Avg. FTP = 350 psi, CP = 1100 psi. Well dead this AM (tubing logged with water). Will intermit well to pit to clean tubing.

9/5/70: 240 MCF, 350/900. 6 BO + 34 BW. Installed intermitter. Produced 22 hrs., 2 hrs. on intermitter.

9/6/70: 234 MCF, 350/860. 6 BO + 40 BW. Produced 22 hrs., on intermitter 2 hrs. Pulled gas sample and delivered to Core Lab.

9/7/70: 217 MCF, 350/830. 5 BO + 43 BW. Produced 22 hrs., on intermitter 2 hrs.

9/8/70: 220 MCF, 380/760. 7 BO + 42 BW. Produced 22 hrs., on intermitter 2 hrs.

9/9/70: 220 MCF, 325/780. 6 BO + 37 BW. Produced 22 hrs., on intermitter 2 hrs.

9/10/70: FTP 350 psi, CP 780 psi. Gas = 180 MCF, 3 BO and 40 BW (22 hrs. Intermit 6 20-min. intervals.

9/11/70: FTP 320 psi, CP 800 psi. Gas 120 MCF, 0 BO and 60 BW (21 hrs.) Intermit 6 30-min. intervals.

9/12/70: FTP 320/780 psi. Gas 126 MCF, 0 BO + 40 BW (24 hrs.). Intermit 4 30-min. intervals.

9/13/70: FTP 350/800 psi. Gas 126 MCF, 0 BO + 40 BW (24 hrs.). Intermit 4 30-min. intervals.

9/14/70: FTP 320/770 psi. Gas 120 MCF, 0 BO + 36 BW in 24 hrs. Intermit 4/30-min. intervals.

9/15/70: Moved in and rigged up workover rig. Killed well w/120 BSW. Installed BOP. Pulled and laid down 167 jts. 2-7/8" tubing. Dumped 2 sxs 20/40 sand down casing. SD for night.

NAVAJO #1-22:

8/27/70: SITP 0, SICP 0, at 2 p.m. (Well loaded with salt water.) Pulled swab 15 times from 700' to 4900'. Recovered approx. 75 barrels gassy salt water in 4 hrs. Fluid level at end of 4 hrs. was 3900'. Good gas blow after each swab pull. Had casing valve cracked during swab test to unload salt water during swab test. Well failed to kick off. Shut down for night. Preparing to acidize.

8/28/70: SITP 10 psi, SICP 200 psi. Tagged fluid level at 3500'. Pulled swab from 4000'. Recovered 500' salt water. Bled gas off casing. Rigged up Halliburton, loaded well with salt water. Had condensate on top of water--circulate casing, acidized perfs. 5212' - 20' w/2,000 gals. 15% inhibited NE acid. Average injection rate 1-1/4 BPM at 1,000 psi, max. pressure 1500 psi, min. pressure 700 psi. . ISI 450 psi, 5 min. 300 psi, 15 min. 200 psi. Bled off pressure to pit. Well began to unload water. Pulled swab four times from 2000'. Well kicked off. Unloaded salt water, acid water and acid gas to pit. Choke setting 48/64". Blew well alternately between tubing and casing. Pressure varying from 50 psi to 400 psi. Left well open to pit over night. Will continue to flow for clean up.

At 4:00 p.m. FTP 230 psi, CP 600 psi, 20/64" choke.
At 7:00 p.m. 240/600, 20/64" choke. Flowing for cleanup.
Estimated rate 200 - 400 MCF/D.

8/29/70: FTP 260 psi, CP 690 psi, 20/64" choke. Flowing for cleanup. Estimated rate 200 - 400 MCF/D.

8/30/70: FTP 230 psi, CP 650 psi, 20/64" choke. Flowing for cleanup. Estimated rate 200 - 400 MCF/D, water decreasing.

8/31/70: At 10:00 a.m. 8/30/70, put well to pit through blow line (no choke). Regulated flow with valve, could not stabilize pressure. Shut well in at 6:00 p.m. 8/30/70. 15.5 hrs. SITP 1250 psi, SICP 1450 psi. Production unit set & hooked up. Well tended to log off while flowing at 400 psi TP.

9/1/70: Hooked up production equipment. On 8-hr. test, well produced: 3 BO, 37 BW + gas at rate of 413 MCF/D. FTP 220 psi on 16/64" choke. CP 800 psi. On 24-hr. basis: 9 BO, 111 BW, 413 MCF of gas. Will attempt to produce well at 400 psi back-pressure.

Consolidated Oil & Gas, Inc.

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

WORKOVER REPORT

NAVAJO #1-22
SW1/4, NW1/4, Sec. 22
T41N-R28E
Apache County, Arizona

8/25/70: Moving in and rigging up completion unit.

8/26/70: Pumped 20 bbls. salt water in well. Pulled 172 jts. 2-7/8" tubing + 4' perforated sub & bull plug. Tubing extensively pitted to a depth of 1/8". Rigged up Welex, ran 4-3/4" o.d. gauge ring to PBTD at 5400'. Pumped 50 bbls. salt water in well. Ran Gamma-Ray Correlation log & Microseismogram Bond log from 5400' to 4950'. Pumped 50 bbls. salt water in well. Perforated 5212' - 20' with 4 JSPF with 4" o.d. Dyna-jet gun. Fluid level rose from 4400' to 3500' while perforating. Had good gas blow at surface. Ran 4-3/4" o.d. gauge ring to 5400'. Pumped 120 bbls. salt water in well. Ran Model "D" packer with Model "D" knock-out plug & flapper removed. Set at 5346'. Tagged fluid level at 4400' before setting. Pumped 30 bbls. salt water in well. Tagged fluid level at 3700'. Ran 108 jts. of 2-7/8" tubing with 4' perforated nipple & bull plug. Had water gravity in well at 1/2 BPM. Well began to kick. Installed valve on tubing. Shut pipe rams on BOP, circulated 30 bbls. water down tubing holding 150 psi pressure on casing. Tubing would not bleed off. Pumped water down casing. Casing pressure rose to 1000 psi. (limit of pump). Shut casing valve & pumped 10 bbls. salt water down tubing. Tubing pressure reached 1000 psi. Waited 4 hrs. on Halliburton. Rigged up Halliburton. Killed well with 125 bbls. salt water. Pump rate: 1-1/4 BPM at 1700 psi. Circulated 75 bbls. salt water down tubing while holding 200 psi back pressure on casing. Ran 59 jts. 2-7/8" tubing. Landed at 5245'. Removed BOP's & installed wellhead. Shut down for night at 5:00 a.m. 8/26/70. Will resume operations at 2:00 p.m. today. Plan to take flow rate.

RECEIVED
DEC 14 1970
O & G CONS. COMM.

4

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.)

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR: 1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL and 660' FWL of Sec. 22, T41N-R28E (SW NW)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-228

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Navajo

9. WELL NO.: 1-22

10. FIELD AND POOL, OR WILDCAT: North Toh-Atin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 22-41N-28E

12. COUNTY OR PARISH: Apache

13. STATE: Arizona

14. PERMIT NO.: File No. 32

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5434' GL 5445' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other) Perforate and Stimulate			[X]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other)			

(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.)*

Proposed work: Set cast iron bridge plug above perforations 5359 - 67' and 5380 - 92'. Perforate, stimulate and test interval 5212 - 20'.

RECEIVED
JUL 17 1970
STATE O & G
CONS. COMM.

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

SIGNED D. E. Smink TITLE Petroleum Engineer DATE 7/15/70
D. E. Smink

(This space for Federal or State office use)

APPROVED BY W. E. Allen for TITLE DATE 7-20-70
CONDITIONS OF APPROVAL, IF ANY:
John Baninster

*See Instructions on Reverse Side

5

32

X-Chrono

July 28, 1969

Memo to Files (32)
22 X
69 X

Franco Western Oil Navajo #1
Shell Oil Navajo #2
Shell Oil Navajo #23-11

Mr. Leo Case, Consolidated Oil & Gas, Inc, Called this date. He informed this office that he has tested the captioned wells and sent the information to Red Walsh in Farmington. He telephoned Red Walsh this date and Mr. Walsh said he does have the forms with the test information on them but has not had time to mail them to this office. He will mail the forms to us when he finishes with them.

jf

1 32 O.K.

32 x

AR NA OIL AND GAS CONSERVATION COMMISS I

DELIVERABILITY TEST REPORT

Type Test	Test Date	Well Name
☐ Initial ☒ Annual ☐ Special	6-10-69	Franco Wyoming

Company	Connection	Permit No.
Consolidated Oil & Gas	El Paso Natural Gas	File 32
Pool	**Formation**	**Unit**
East Boundary Butte	Paradox	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
August, 1956	5613	5415	5445'	Navajo

Csg. Size	Wt.	d	Set At	Perforations	Well No.
5.500	15.50	4.950	5426	From 5359 5380 To 5367 5392	1

Tbg. Size	Wt.	d	Set At	Perforations	¼ — ¼	Sec.	Twp.	Rge.
Unknown	--	--	--	From -- To --	SW NW	22	41N	28E

Type Well — Single — Bradenhead — G.G. or G.O. Multiple	Packer Set At	County
Single	None	Apache

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Pres. — P_a	State
Casing	129 @ ~~6513~~ 5613'	60°	12.0	Arizona

L	H	Gg.	% CO_2	% N_2	Prover	% He	Meter Run	Taps
5359	5359	0.700	7.87	2.28	---	--	x	Flanged

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X Choke Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
Sl						590		605		4 days
1.	3.00	x 0.750				460		460	--	24 hrs.

NO.	Coefficient (24-Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q. Mcfd
1.		From integration of chart					468

NO.	P_r	Temp. °R	T_r	Z
1.				

P_d 309 (1)

P_d^2 95,481

P_c 617 P_c^2 380,689

Gas Liquid Hydrocarbon Ratio ____ Mcf/bbl.

A.P.I Gravity of Liquid Hydrocarbons ____ Deg.

Specific Gravity Separator Gas ____

Specific Gravity Flowing Fluid ____

Critical Pressure ____ p.s.i.a. ____ p.s.i.a.

Critical Temperature ____ R ____ R

Pf ____ Pf^2 ____

NO.	P_t	P^2	$P_c^2 - P_t^2$	P_w	P_w^2	$P_c^2 - P_w^2$	P_s	P_s^2	$P_f^2 - P_s^2$
1.				472					

$$\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right] = \left[\frac{285{,}208}{157{,}905}\right] = 1.8061$$

$$\text{Log}\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right] = \_\_\_\_$$

$$\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n = 1.653$$

$$n\,\text{Log}\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right] = \_\_\_\_$$

$$\text{Deliv.} = Q\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n = 774$$

Deliv. 774 Mcfd

n 0.85

OGCC Approval 7-10-68

(Source of n)

(1) Assumed Pd=50% Pc

Calculated by: Ewell N. Walsh, P. E.
President, Walsh, Eng. & Prod. Corp.

RECEIVED AUG 6 1969 STATE O & G CONS. COMM.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Prod. Supt. of the Consolidated Oil & Gas (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 therein are true, correct and complete to the best of my knowledge.

Date August 5, 1969

Signature Leo Cone

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Deliverability Test Report
Form No. 20 (File two copies)

32 x

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	Reservoir
14-20-603-228, Navajo Tribal	North Toh-Atin	Akah
Survey or Sec-Twp-Rge	**County**	**State**
SW NW Sec. 22,T.41 N.,R.28E.	Apache	Arizona

Operator
Consolidated Oil & Gas, Inc.

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

Street	City	State
1860 Lincoln Street	Denver,	Colorado 80203

Above named operator authorizes (name of transporter)
El Paso Natural Gas Company

Transporter's street address	City	State
P. O. Box 1492	El Paso	Texas

Field address
P. O. Box 1565 Farmington New Mexico

To transport 100 % of the gas well gas from said lease.
Oil, condensate, gas well gas, casinghead gas

OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
None		

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.

To document Form 8, effective April 1, 1968, at which time there was a change of operator from Mobil Oil Company, to Consolidated Oil & Gas, Inc. A change of operator was shown on a Form 25, dated May 3, 1968 for effective date April 1, 1968.

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 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. 32

RECEIVED
APR 10 1969
STATE O & G
CONS. COMM.

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

8

32 × 8

ARIZONA OIL AND GAS CONSERVATION COMMISSION

DELIVERABILITY TEST REPORT

Type Test: [X] Initial [ ] Annual [ ] Special		Test Date: 8-13-68	Well Name: Franco Wyoming
Company: Consolidated Oil & Gas	Connection: El Paso Natural Gas		Permit No.: File 32
Pool: No. Toh-Atin	Formation: Paradox		Unit:

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
August, 1956	5613	5415	5445'	Navajo

Csg. Size	Wt.	d	Set At	Perforations	Well No.
5.500	15.50	4.950	5426	From 5359 To 5367; From 5380 To 5392	1

Tbg. Size	Wt.	d	Set At	Perforations	¼ — ¼	Sec.	Twp.	Rge.
Unknown	--	--	--	From -- To --	SW NW	22	41N	28E

Type Well — Single — Bradenhead — G.G. or G.O. Multiple	Packer Set At	County
Single	None	Apache

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Pres. — P_a	State
Casing	129 @ 5613	60°	12.0	Arizona

L	H	Gg.	% CO_2	% N_2	Prover	% He	Meter Run	Taps
5359	5359	0.700	7.87	2.28	----	--	x	Flanged

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
Sl						732		830		4 days
1.	3.00	x 0.750				661	--	724	90	24 hrs.

NO.	Coefficient (24-Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q. Mcfd
1.		From integration of chart					424

NO.	P_r	Temp. °R	T_r	Z
1.				

P_d 421 (1)
P_d^2 177,241
P_c 842 P_c^2 708,964

Gas Liquid Hydrocarbon Ratio ____ Mcf/bbl.
A.P.I Gravity of Liquid Hydrocarbons ____ Deg.
Specific Gravity Separator Gas ____
Specific Gravity Flowing Fluid ____
Critical Pressure ____ p.s.i.a. ____ p.s.i.a.
Critical Temperature ____ R ____ R
Pf ____ Pf^2 ____

NO.	P_t	P^2	$P_c^2-P_t^2$	P_w	P_w^2	$P_c^2-P_w^2$	P_s	P_s^2	$P_t^2-P_s^2$
1.				673					

$$\left[\frac{P_c^2-P_d^2}{P_c^2-P_w^2}\right] = \left[\frac{531,723}{256,035}\right] = 2.077 \qquad \text{Log}\left[\frac{P_c^2-P_d^2}{P_c^2-P_w^2}\right] = \_\_\_\_$$

$$\left[\frac{P_c^2-P_d^2}{P_c^2-P_w^2}\right]^n = 1.832 \qquad n\,\text{Log}\left[\frac{P_c^2-P_d^2}{P_c^2-P_w^2}\right] = \_\_\_\_$$

$$\text{Deliv.} = Q\left[\frac{P_c^2-P_d^2}{P_c^2-P_w^2}\right]^n = 777$$

Deliv. 777 Mcfd
n 0.85
OGCC Approval 7-10-68
(Source of n)
(1) Assumed Pd = 50% Pc
Calculated by:
Ewell N. Walsh, P. E., President
Walsh Engineering and Production Corporation

RECEIVED OCT 9 1968 STATE O & G CONS. COMM.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Prod. Superintendent of the Consolidated Oil & Gas, Inc. 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 therein are true, correct and complete to the best of my knowledge.

Date October 6, 1968

Signature Leo Case

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Deliverability Test Report
Form No. 20 (File two copies)

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

Lease	Field	Reservoir
14-20-603-228 Navajo No. 8	East Boundary Butte	Upper Hermosa
Survey or Sec-Twp-Rge	**County**	**State**
C&SLM. Sec 22-T41-R28E	Apache	Arizona

Operator: Franco Western Oil Company

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

Street	City	State
P. O. Box 1176	Bakersfield,	California

Above named operator ~~[illegible]~~ states that El Paso Natural Gas Company

Transporter's street address	City	State
P. O. Box 1492	El Paso	Texas

Field address: P. O. Box 990, Farmington, New Mexico

Oil, condensate, gas well gas, casinghead gas

is authorized To transport 100% of the gas from said lease.

OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
Four Corners Pipe Line Company	100	Crude 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.

This Certificate is for a new lease. One well, ~~Shell East Boundary Butte 29-11~~ Franco Western Hatch Tel. Well #1, is the only well on the subject lease. Emergency authorization granted November 7, 1962, and confirmed by letter of same date from Mr. John K. Petty, Petroleum Geologist, Oil and Gas Conservation Commission.

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 Franco Western Oil Company (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.

FRANCO WESTERN OIL COMPANY

January 25, 1963
Date

H. Romy Hill
Signature President

Navajo Lease 14-20-603-228
Date approved: 2-5-63

By: K. Fenderson
Executive Secretary

Commissioner's Number: 4

File No.

NAL note Rec
letter
& one well —
32 Hatch is not on list I told
Harry Complete. Franco Western
would write him. JK

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to Transport oil or Gas from Lease
Form No. P-17 File three copies
~~Authorized by Order No.~~ ~~[illegible]~~
~~Effective~~ ~~[illegible]~~ 19 ~~[illegible]~~

32 × 1

Form 9-593b

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 22
T. 41 N
R. 26 E
G & SR Mer.

INDIVIDUAL WELL RECORD

INDIAN LAND: Date January 8, 1957 Ref. No.

Reservation Navajo Tribal State Arizona

Contract 14-20-603-828 County Apache

Lessee Shell Oil Company Field Wildcat

Operator France Western Oil Company District Farmington

Well No. 1 Navajo Subdivision SW¼ NW¼

Location 1980 feet from north and 660 feet from west lines of section

Drilling approved March 23, 19 56 Well elevation 5434 (gl) feet

Drilling commenced June 26, 19 56 Total depth 5502 PB 5428 feet

Drilling ceased Aug. 12, 19 56 Initial production 7480 MCFPD

Completed for production Aug. 19, 19 56 Gravity A. P. I.

Abandonment approved ____, 19____ Initial R. P. 1530 psi (SIOP

Geologic Formations		Productive Horizons		
Surface	*Lowest tested*	*Name*	*Depths*	*Contents*
Morrison	Leadville	Paradox	5359-5392	Gas

WELL STATUS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1956						Dry		OSI				

Remarks Test showed 16 B/D of 61° distillate.
Gas is inflammable and sweet but has sulphur odor.

(Geologic tops on reverse side)

U. S. GOVERNMENT PRINTING OFFICE 16—43447-2

32

Tops:

Chinle	1095'	
Shinarump	2030'	
Moenkopi	2110'	
DeChelly	2290'	
Organ Rock	2755'	
Cedar Mesa	3340'	
Upper Hermosa Limestone		4220'
Paradox	5110'	
Lower Hermosa		5485'
Molas	5750'	
Leadville Limestone		5895'

463

COMPANY: Franco Western Oil Company STATE: Arizona

FIELD: NEW FIELD DISCOVERY "North Toh-Atin" COUNTY: Apache

LOCATION: 1980' South and 660' East from the Northwest Corner of Section 22. SEC. 22, Township 41 North, Range 28 East, G. &S.R.B.&M.

ELEVATION: 5434' Ground LEASE: Navajo Well No. 1

Casing Record Beginning of Work

New Well.

Casing Record Completion of Work

9-5/8" Cemented at 983.50' with 400 sacks
5-1/2" Cemented at 5466.25' with 275 sacks
Perforated 4 holes per foot from 5359' to 5367' and 5380' to 5392'

1956

June 17 to June 27 — Fleeger-Riley Drilling Company of Dallas, Texas moving in and rigging up. Set up camp. Ran pump in water well.

June 28 to June 30 — Spudded in at 4:00 a.m., June 28, 1956. Drilled 12-1/4" hole to 942'.

July 1 — Drilled 12-1/4" hole to 1010'. Cemented 9-5/8" 32.30# H-40 casing at 983.50' with 400 sacks.

July 2 to July 9 — Drilled 7-7/8" hole to 3025'.

Mud Weight	9.5#
Viscosity	55 sec.
Hole Deviations:	1200' - 3/4°
	1478' - 1/4°
	1850' - 1/4°
	2293' - 1-1/2°
	2755' - 1-1/2°
	2990' - 1°

July 10 to July 17 — Drilled 7-7/8" hole to 4144'.

Mud Weight	9.5#
Viscosity	50 sec.
Sand	1.5%
Wall Cake	2/32
Water Loss	7 cc/30 minutes
Hole Deviations:	3400' - 3/4°
	3726' - 1/4°
	4050' - 3/4°

32 70

1956

July 18 to July 25 — Drilled 7-7/8" hole to 4927'.

Mud Weight	9.8#
Viscosity	51 sec.
Sand	1-1/2%
Wall Cake	2/32
Water Loss	7.6 cc/30 minutes

July 26 to July 28 — Drilled 7-7/8" hole to 5179'.

Mud Weight	9.7#
Viscosity	54 sec.
Sand	1-3/4%
Wall Cake	2/32
Water Loss	7 cc/30 minutes

July 29 — DST #1: 5129' to 5179'. Open 2 hours. Gas to surface in 12 minutes. Steady 35-50 MCF per day gas blow throughout test. Recovered 185' of oil and gas cut mud.

Initial Shut-in Pressure	1620# - 35 minutes
Final Shut-in Pressure	1215# - 60 minutes
Initial Flow Pressure	140#
Final Flow Pressure	180#
Hydrostatic Pressure	2730#

July 30 — Drilled 7-7/8" hole to 5285'.

Mud Weight	9.8#
Viscosity	55 sec.
Sand	1-1/4%
Wall Cake	2/32
Water Loss	7 cc/30 minutes
Hole Deviation:	5225' - 3/4°

July 31 — DST #2: 5201' to 5285'. Open 3-1/2 hours. Good blow immediately. Gas to surface in 2 minutes. Steady gas blow throughout test as follows:

After 5 minutes	391 MCF per day rate
After 15 minutes	391 " " " "
After 30 minutes	391 " " " "
After 45 minutes	391 " " " "
After 1 hour	416 " " " "
After 1 hour 15 minutes	416 " " " "
After 1 hour 30 minutes	416 " " " "
After 1 hour 45 minutes	416 " " " "
After 2 hours	416 " " " "
After 2 hours 15 minutes	416 " " " "
After 2 hours 30 minutes	416 " " " "
After 2-3/4 to 3-1/4 hours	439 " " " "
After 3-1/2 hours	416 " " " "

1956

July 31 (cont.) Recovered 180' frothy, oily mud cut with black sulphur salty water, 90' dark gray-black salty sulphur water slightly cut with oil and mud.

Initial Shut-in Pressure	2145# - 70 minutes
Final Shut-in Pressure	2145# - 60 minutes
Initial Flow Pressure	200#
Final Flow Pressure	200#
Hydrostatic Pressure	2885#

Aug. 1 to Aug. 3 Drilled 7-7/8" hole to 5415'.

August 4 DST #3: 5356' to 5415'. Tester would not open.

DST #3-A: 5356' to 5415'. Open 1-1/2 hours. Gas to surface in 2 minutes. Mud to surface in 7 minutes. 5/8" surface choke. Gas rate as follows throughout test:

After 15 minutes	4070 MCF per day rate
After 30 minutes	4260 " " " "
After 45 minutes	4022 " " " "
After 1 hour	4735 " " " "
After 1-1/4 hours	4973 " " " "
After 1-1/2 hours	5162 " " " "

Recovered 30' clear pale distillate, gravity 57.4° @ 60° F. Distillate has sour sulphur smell. No free water.

Initial Shut-in Pressure	1770# - 30 minutes
Final Shut-in Pressure	1770# - 30 minutes
Initial Flow Pressure	380#
Final Flow Pressure	700#
Hydrostatic Pressure	2900#

Aug. 5 to Aug. 7 Drilled 7-7/8" hole to 5636'. Ran Lane-Wells Gamma Ray-Neutron log at 5613'.

Mud Weight	9.7#
Viscosity	54 sec.
Sand	1%
Wall Cake	2/32
Water Loss	6 cc/30 minutes

Hole Deviation: 5452' - 1°

Aug. 8 to Aug. 15 Drilled 7-7/8" hole to 5902'. Ran Schlumberger Electric Log, MicroLog and Dipmeter on August 12, 1956.

Mud Weight	9.6#
Viscosity	57 sec.
Sand	1%
Wall Cake	2/32
Water Loss	6.4 cc/30 minutes

1956
August 16 — Cemented 5-1/2" casing at 5466.25' with 275 sacks with 50% Posmix.

August 17 — Perforated four 1/2" holes per foot with Lane-Wells Type "E" Gun from 5359' to 5367' and 5380' to 5392'.

August 18 — Washed perforations with 500 gals. Dowell Mud Acid. Acidized 5380' to 5392' with 250 gals. Mud Acid and 3000 gals. Acid Petrofrac (no sand). Acidized 5359' to 5367' with 250 gals. Dowell XFW Acid and 3000 gals. Acid Petrofrac (no sand).
Ran 2-7/8" 6.5# J-55 EUE tubing and landed at 5399.75' (172 joints) tubing perforated 5394.83' to 5399.75'.
Ran swab five times. Well started to flow water to sump at 8:00 p.m.

Aug. 19 to Aug. 20 — Well blowing to sump on various beans and at various ungauged rates to clean water out of well.
Released rig at 7:00 a.m., August 20, 1956.

August 21 — Ran following production test on well:

Time	Choke	TP	CP	Rate MCF/D	Bbls. Distil-late	Separator Pressure
6:00 p.m.	32/64ths	1540	1560	(static shut-in pressure)		
7:00 p.m.	"	1190	1490	7150	-	110#
8:05 p.m.	"	1190	1490	7150	3/4	110#
9:05 p.m.	"	1190	1490	7450	3/4	88#

(Note: Most steady rate was 7450 MCF/D rate. Measured with Pitot Tube and 4" line pipe. Tried to check flow on 24/64ths bean but valves on separator froze up and test was discontinued. Distillate recovered is water clear 64° @80° F.)

Shut well in. Cleaned up location. When completed well was in perfect mechanical condition. All measurements from K.B. 10.75' above ground level.

Following are the formation tops as picked by our Geological Department:

Bluff Sandstone	90'
San Rafael Formation	225'
Navajo Sandstone	415'
Kagenta Formation	620'
Chinle Formation (ES&GR/N)	1095'
Shinarump Conglomerate	2030'
Moenkopi Formation	2110'
DeChelly Sandstone	2290'
Organ Rock Formation	2755'
Cedar Mesa Formation (d.s.)	3340'
Upper Hermosa Limestone	4220'
Basal Limestone Member of Upper Hermosa	4950'
Paradox Formation	5110'
Lower Hermosa Formation	5485'
Molas Formation	5750'
Leadville Limestone	5895'
	TD5902

11237

FRANCO-WESTERN OIL COMPANY - NAVAJO TRIBAL #1

Location: 1980' SL and 660' EL, Section 22, T. 41 N., R. 28 E., Apache County

Elevation: 5434'

Commenced: April, 1956
Completed: August, 1956

FORMATION TOPS

Bluff Sandstone	90'
San Rafael Formation	225
Navajo Sandstone	415
Kagenta Formation	620
Chinle Formation (ES&GR/N)	1095
Shinarump Conglomerate	2030
Moenkopi Formation	2110
DeChelly Sandstone	2290
Organ Rock Formation	2755
Cedar Mesa Formation (d.s.)	3340
Upper Hermosa Limestone	4220
Basal Limestone Member of Upper Hermosa	4950
Paradox Formation	5110
Lower Hermosa Formation	5485
Molas Formation	5750
Leadville Limestone	5895
TD	5902'

#32

2/58

32 × 8

Form O & G 52

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form Prescribed Under Oil and Gas Conservation Act of 1951

WELL COMPLETION REPORT
(File in Duplicate)

Operator FRANCO WESTERN OIL COMPANY Field Toh-Atin
Street 3132 Eighteenth Street Pool
City Bakersfield State California County Apache
Lease Name Navajo Well No. 1 Acres in Unit 2560
Location 1980' from the North line and 660' from the West line of
Section 22 Township 41 North Range 28 East
Elevation DF - GR 5434' Electric Log Run August 12, 1956
Number of Crude Oil Producing Wells on this Lease, including this well 1
Has Authorization to Transport Oil or Gas from Well, Form O&G 57 been filed? No

OFFICIAL COMPLETION GAUGE

Date Test Commenced 8/21/ 1956 Hour 6PM. Date Test Completed 8/21/ 1956 Hour 9:05 PM
Length of Test 3 Hours 5 Minutes
For Flowing Well:
Flowing pressure on Tbg. 1190 lbs./sq.in.
Flowing pressure on csg. 1490 lbs./sq.in.
Size tbg. 2-7/8 in. No. ft. run 5399.75
Size choke 1/2 in. Type choke National
Length Variable in. Shut in pressure 1560
For Pumping Well:
Length of stroke used _____ inches
Number of strokes per min. _____
Size of working barrel _____ inches
Size tubing _____ in. No. ft. run _____
If flowing well, was this well flowed for the entire duration of this test without the use of swab or other artificial flow device? Yes If jetted, used - cu. ft. gas per bbl oil.
Result of this test (bbls. net oil per 24 hours). (100% tank tables). 18
Gas ~~production of this well is~~ 7,450,000 cu. ft. of gas per ~~bbl of oil~~ day.
Per cent water produced during this test None.
Gravity of oil produced during this test (Corrected to A.P.I. 60° F.) 61.6°
Name of Pipe Line or other carrier -
If perforated: No. Shots 80 From 5359' 5380' To 5367' 5392' Date Perforated 8/17/56
Date well spudded June 28, 1956. Date Well Completed August 22, 1956
Top Pay 5359 ft. Total depth of well 5902 ft.

CASING LINER AND TUBING RECORD

String	Size	Wt./Ft.	Name and Type	Amount Ft.	Amount In.	Depth Set At	Perforated From	Perforated To
1	9-5/8"	32.30	Csg. H-40	983	6	983.50	None	
2	5-1/2"	15.5	Csg. J-55	5466	3	5466.25	5359'	5367'
							5380'	5392'

CEMENT AND TESTING RECORD

Size of Hole	String	Where Cement Placed	No. Sacks of Cement	Method Used	Pressure Applied in Testing	Hardness of Cement Drilled	Type of Cement
12-1/4"	1	To surface	400	Pump	725	Hard	Portland
7-7/8"	2	Around shoe	275	Pump	1000	-	50% Posmix

CHEMICAL OR SHOOTING RECORD BEFORE COMPLETION

Size	Chemical or	Quantity	Date	Depth From	Depth To
1/2"	5359'-5367' and 5380'-5392'		8/17/56	4 holes per foot	
	250 gals. mud acid & 3000 gals. PetroFrac acid		8/18/56	5380' to 5392'	
	250 " XFW acid & 3000 gals. "	" "	8/18/56	5359' to 5367'	

AFFIDAVIT

I, H. D. Campbell, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

H D Campbell
Representative of Company

Subscribed and sworn to before me this 31st day of August 1956
Kern County, ~~Ariz.~~ Calif.
Henrietta M. Hamilton
Notary Public
My Commission expires:
January 5, 1959

21
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Form O & G 54

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form Prescribed Under Oil and Gas Conservation Act of 1951

SHOOTING OR TREATING REPORT

(File Report on This Form Within 30 Days After Shooting or Treating a Well)

Operator FRANCO WESTERN OIL COMPANY Field Toh-Atin

Pool

County Apache

Lease Name Navajo Well No. 1

Section 22 Township 41 North Range 28 East

Date ~~Shot or~~ Treated August 18, 19 56

Daily Production Before Treating or Shooting: Not produced Oil Bbl.; Water Bbl.

Daily Production After Treating or Shooting: Oil 18 Bbl.; Water -0- Bbl.
Gas 7,450,000 cu. ft.

Producing String of Casing (Set or Cemented at) 5466.25 ft.

Depth to Top of Producing Sand or Formation 5359 ft.

Formation Shot or Treated: Top-Ft. 5359'-5367' Bottom-Ft. 5380'-5392'

Size of Shot Used: - Qts. Amount of Acid Used: See details Gals.

Remarks:

STAGE 1: Acidized interval 5380' to 5392' with 250 gals. of Dowell Mud Acid followed by 3000 gals. Dowell PetroFrac Acid (no sand). Pressure break from 3000# to 1800# psi. Maximum pressure 3000# psi, minimum pressure 800# psi, average pressure 2200# psi. Injection rate 5-3/4 bbls. per minute.
STAGE 2: Acidized interval 5359' to 5367' with 250 gals. of Dowell XFW acid followed by 3000 gals. Dowell PetroFrac Acid (no sand). Initial pressure breakdown from 1000# to 800#. Maximum pressure 3800# psi, minimum pressure 800# psi, average pressure 3000# psi. Injection rate 4 bbls. per minute.
Note: Used Baker Retrievable Bridge Plug and Full Bore Packer to selectively acidize the two zones.

H. L. Bomwell
(Representative of Operator of Well)

22

32

10742

Form 9-331 b
(April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R-359.2.
Approval expires 12-31-55.

Indian Agency Navajo

Allottee Tribal

Lease No. 14-20-603-228

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 9, 1956

Well No. 1 is located 1980 ft. [redacted] [redacted] and 660 ft. [redacted] [redacted] of

NW Corner, Sec. 22 (¼ Sec. and Sec. No.) 41 North (Twp.) 28 East (Range) G&S R. & M. (Meridian)

- (Field) Apache (County or Subdivision) Arizona (State or Territory)

The elevation of the ground [redacted] above sea level is 5434 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

9-5/8" 32# H-40 Cemented at 1000'
5-1/2" 17# J-55 Cemented at 5900'

Objective: Paradox Formation - 5900'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company FRANCO WESTERN OIL COMPANY

Address 3132 Eighteenth Street
Bakersfield, California

By H. L. Campbell

Title President

U. S. GOVERNMENT PRINTING OFFICE 16—84376-7

32

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form G 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit must be granted before drilling begins

March 30 19 56

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our intention to commence the work of drilling well No. One (1) Sec. 22,

T. 41 North, R. 28 East, G.&S.R. B.& M., _____ Field,

Apache County.

Legal description of lease Tract No. 183, Sections 21, 22, 27 and 28,
(Attach map or plat to scale)

Township 41 North, Range 28 East, G.&S.R.B.&M., Apache County,

Arizona.

Location of Well: 1980' South and 660' East of the Northwest Corner of Section 22,
(Give exact footage from section corners or other

Township 41 North, Range 28 East, G.&S.R.B.&M.
legal subdivisions or streets)

Proposed drilling depth 5900 feet. Acres in drilling unit 2560. Has surety bond been filed? Yes. Is location a regular or exception to spacing rule? Regular.

Elevation of ground above sea level 5433.9 feet. (ungraded)

All depth measurements taken from top of Kelly Bushing
(Derrick, floor, Rotary Table or Kelly

_____ which is _____ feet above the ground.
Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
9-5/8"	36#	H-40	0	1000'	Around shoe.
5-1/2"	17#	J-55	0	5900'	5900'

Intended Zone or Zones of completion:
Name Paradox Formation Perforated Interval

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

FRANCO WESTERN OIL COMPANY
(Applicant)

By H. L. Campbell
President

Application approved this 9th day of April 19 56

Permit No. 32

State Land Commissioner

27

4140

RECEIVED
APR 2 1956
STATE LAND
DEPT.

RECEIVED
APR 6 1956
STATE LAND
DEPT.

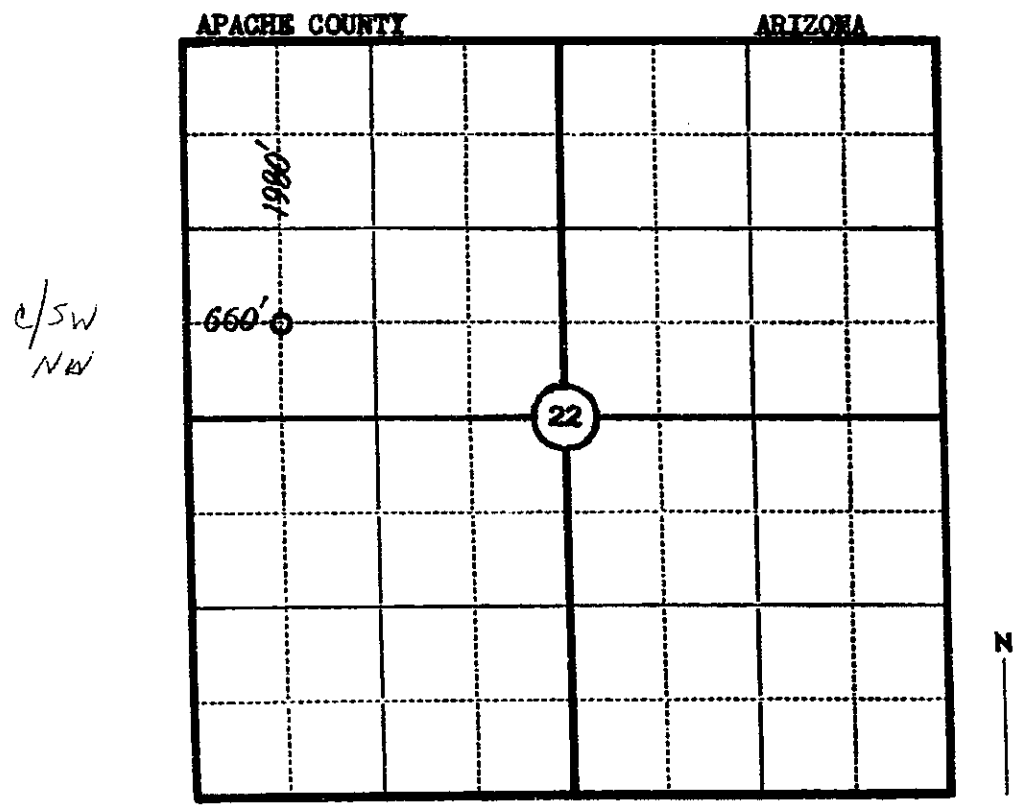
Company FRANCO - WESTERN OIL COMPANY

Lease NAVAJO INDIAN RESERVATION Well No. 1

Sec. 22, T. 41 N., R. 28 E, S.R. & G.M.

Location 1980' FROM THE NORTH LINE AND 660' FROM THE WEST LINE.

Elevation 5433.9 UNGRADED.



C/SW
NW

Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

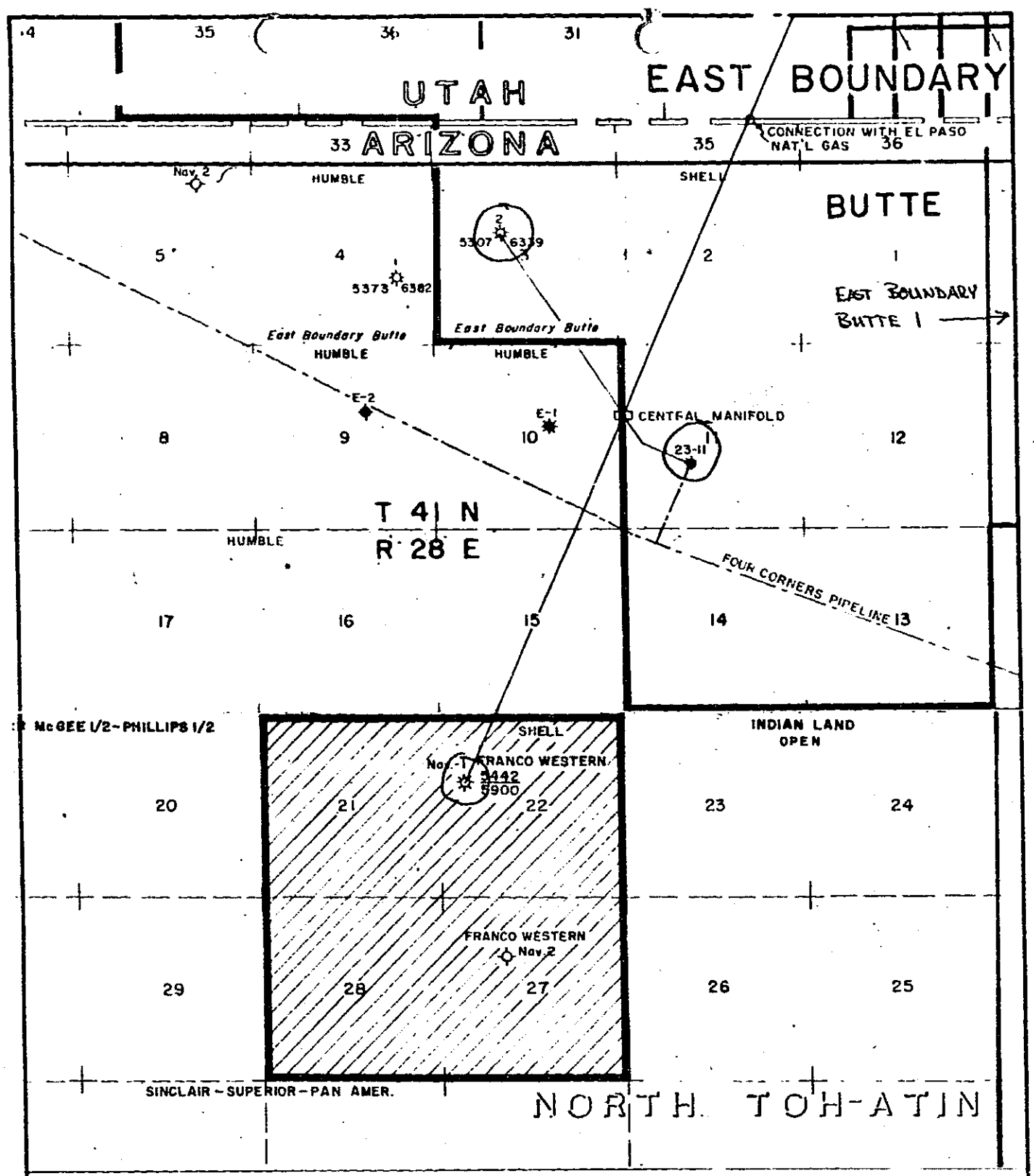
Seal: REGISTERED LAND SURVEYOR CERTIFICATE EXPIRES JAMES P. LEESE DEC. 31. 1956 ARIZONA U.S.A.

James P. Leese
Registered Land Surveyor.
James P. Leese
Ariz. Reg. No. 1849

Surveyed 21 March, 1956

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

3221



—LEGEND—

- Wells discussed in text
- Franco Western earned a 1/2 undivided interest in 2560 acres for test well
- Gas gathering lines
- Oil line to Four Corners Pipeline

SHELL OIL COMPANY	PACIFIC COAST AREA FARMINGTON DIVISION	EXPLOITATION DEPT.

EAST BOUNDARY BUTTE & NORTH TOH-ATIN AREA

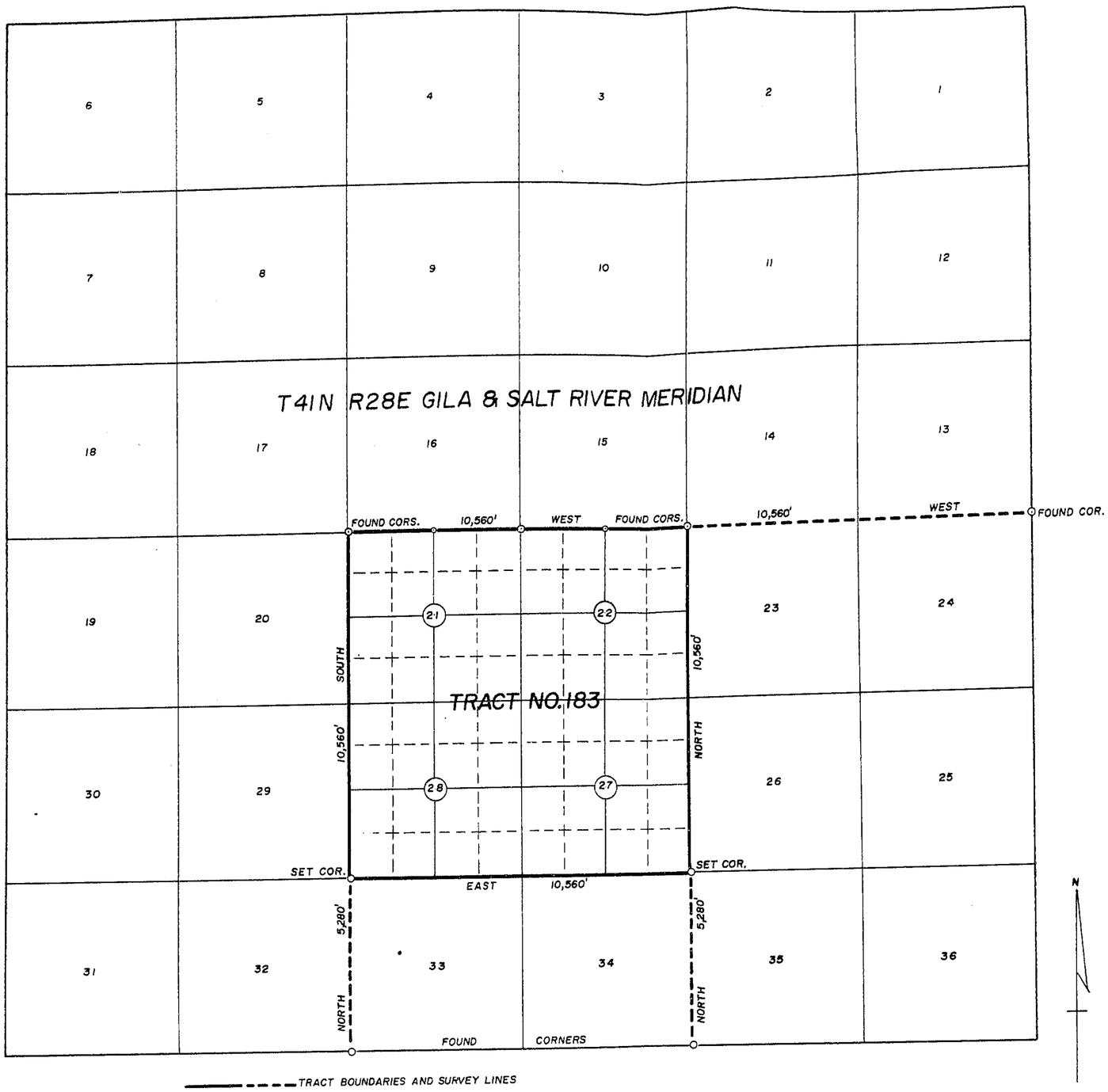
San Juan County, Utah & Apache County, Arizona

DATE 1-11-63 SCALE 1" = 4000' BY R.E.D. APPROVED J.E.D.

FIG. 5

To Accompany Exploitation Engineers' Quarterly Report – 4th Quarter, 1962

32



TRACT BOUNDARIES AND SURVEY LINES

SCALE: 2" = 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDG AND BELIEF.

James P. Leese

JAMES P. LEESE
REG. LAND SURVEYOR
REG. NO. 1849 ARIZONA

TRACT SURVEY
FOR
FRANCO WESTERN OIL CO.
NAVAJO INDIAN RESERVATION LEASE
CONTRACT 14-20-603-228
T41N R28E G. & S.R.M.
SECTIONS 21, 22, 27 & 28
APACHE COUNTY ARIZONA

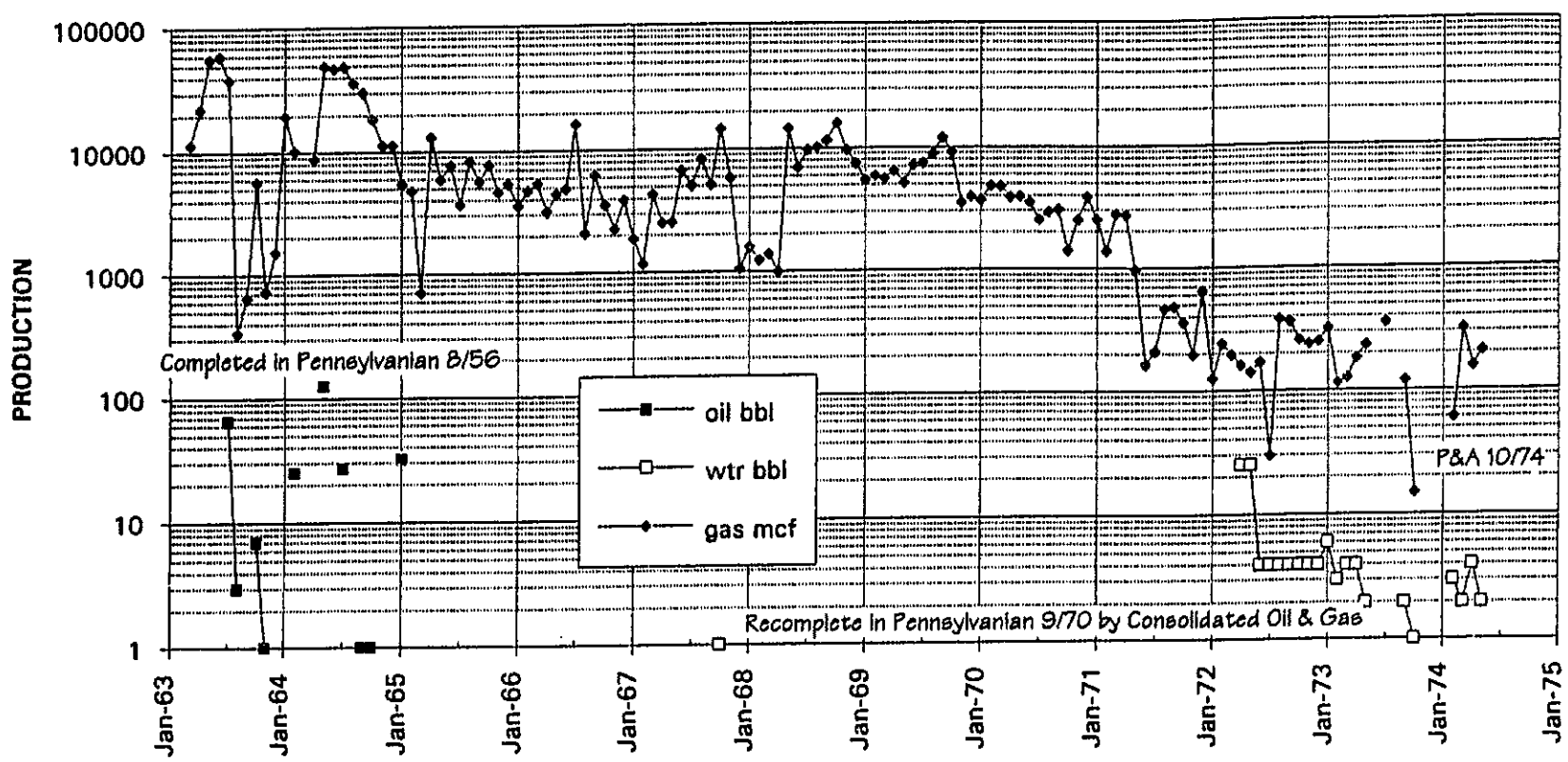
MARCH 21 1956

SAN JUAN ENGINEERING CO. FARMINGTON NEW MEXICO

w.c. 3-22-56

MONTHLY PRODUCTION AT FRANCO WESTERN 1 NAVAJO (32), ARIZONA: MAR 1963 - MAY 1974

sw nw 22-41n-28e, North Toh-Atin Field, Apache County



MONTHLY PRODUCTION AT FRANCO-WESTERN 1 NAVAJO (32), ARIZONA
(per SLR audit of monthly producer's reports 3/63 -- 5/74)
(sw nw 22-41n-28e, North Toh-Atin Field, Apache County)

DATE	oil bbl	wtr bbl	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mc	oil cum bbl	wtr cum bb	gas cum bb	DATE
Jan-63										Jan-63
Feb-63										Feb-63
Mar-63			11527			11527			11527	Mar-63
Apr-63			22612			34139			34139	Apr-63
May-63			56773			90912			90912	May-63
Jun-63			59864			150776			150776	Jun-63
Jul-63	66		38682	66		189458	66		189458	Jul-63
Aug-63	3		340	69		189798	69		189798	Aug-63
Sep-63			655	69		190453	69		190453	Sep-63
Oct-63	7		5697	76		196150	76		196150	Oct-63
Nov-63	1		736	77		196886	77		196886	Nov-63
Dec-63			1542	77		198428	77		198428	Dec-63
Jan-64			19805	0		19805	77		218233	Jan-64
Feb-64	25		10161	25		29966	102		228394	Feb-64
Mar-64				25		29966	102		228394	Mar-64
Apr-64			8824	25		38790	102		237218	Apr-64
May-64	126		49912	151		88702	228		287130	May-64
Jun-64			47506	151		136208	228		334636	Jun-64
Jul-64	27		48834	178		185042	255		383470	Jul-64
Aug-64			36193	178		221235	255		419663	Aug-64
Sep-64	1		30477	179		251712	256		450140	Sep-64
Oct-64	1		18498	180		270210	257		468638	Oct-64
Nov-64			11306	180		281516	257		479944	Nov-64
Dec-64			11356	180		292872	257		491300	Dec-64
Jan-65	32		5448	32		5448	289		496748	Jan-65
Feb-65			4761	32		10209	289		501509	Feb-65
Mar-65			712	32		10921	289		502221	Mar-65
Apr-65			13025	32		23946	289		515246	Apr-65
May-65			5932	32		29878	289		521178	May-65
Jun-65			7754	32		37632	289		528932	Jun-65
Jul-65			3700	32		41332	289		532632	Jul-65
Aug-65			8304	32		49636	289		540936	Aug-65
Sep-65			5639	32		55275	289		546575	Sep-65
Oct-65			7749	32		63024	289		554324	Oct-65
Nov-65			4635	32		67659	289		558959	Nov-65
Dec-65			5387	32		73046	289		564346	Dec-65
Jan-66			3555	0		3555	289		567901	Jan-66
Feb-66			4700			8255	289		572601	Feb-66
Mar-66			5403			13658	289		578004	Mar-66
Apr-66			3171			16829	289		581175	Apr-66
May-66			4423			21252	289		585598	May-66
Jun-66			4863			26115	289		590461	Jun-66
Jul-66			16375			42490	289		606836	Jul-66
Aug-66			2107			44597	289		608943	Aug-66
Sep-66			6239			50836	289		615182	Sep-66
Oct-66			3571			54407	289		618753	Oct-66
Nov-66			2268			56675	289		621021	Nov-66
Dec-66			3907			60582	289		624928	Dec-66
Jan-67			1871			1871	289		626799	Jan-67
Feb-67			1177			3048	289		627976	Feb-67
Mar-67			4301			7349	289		632277	Mar-67
Apr-67			2533			9882	289		634810	Apr-67
May-67			2582			12464	289		637392	May-67
Jun-67			6764			19228	289		644156	Jun-67
Jul-67			5109			24337	289		649265	Jul-67
Aug-67			8384			32721	289		657649	Aug-67
Sep-67			5139			37860	289		662788	Sep-67
Oct-67		1	14716		1	52576	289	1	677504	Oct-67
Nov-67			5833		1	58409	289	1	683337	Nov-67
Dec-67			1064		1	59473	289	1	684401	Dec-67
Jan-68			1589		0	1589	289	1	685990	Jan-68

MONTHLY PRODUCTION AT FRANCO-WESTERN 1 NAVAJO (32), ARIZONA
(per SLR audit of monthly producer's reports 3/63 -- 5/74)
(sw nw 22-41n-28e, North Toh-Atin Field, Apache County)

DATE	oil bbl	wtr bbl	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mc	oil cum bbl	wtr cum bb	gas cum bb	DATE
Mar-73		4	127		13	561	289	92	913689	Mar-73
Apr-73		4	182		17	743	289	96	913871	Apr-73
May-73		2	234		19	977	289	98	914105	May-73
Jun-73					19	977	289	98	914105	Jun-73
Jul-73			357		19	1334	289	98	914462	Jul-73
Aug-73					19	1334	289	98	914462	Aug-73
Sep-73		2	121		21	1455	289	100	914583	Sep-73
Oct-73		1	15		22	1470	289	101	914598	Oct-73
Nov-73					22	1470	289	101	914598	Nov-73
Dec-73					22	1470	289	101	914598	Dec-73
Jan-74					0	0	289	101	914598	Jan-74
Feb-74		3	60		3	60	289	104	914658	Feb-74
Mar-74		2	316		5	376	289	106	914974	Mar-74
Apr-74		4	157		9	533	289	110	915131	Apr-74
May-74		2	209		11	742	289	112	915340	May-74
Jun-74										Jun-74
Jul-74										Jul-74
Aug-74										Aug-74
Sep-74										Sep-74
Oct-74										Oct-74
Nov-74										Nov-74
Dec-74										Dec-74
Jan-75										Jan-75

MONTHLY PRODUCTION AT FRANCO-WESTERN 1 NAVAJO (32), ARIZONA
(per SLR audit of monthly producer's reports 3/63 – 5/74)
(sw nw 22-41n-28e, North Toh-Atin Field, Apache County)

DATE	oil bbl	wtr bbl	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mc	oil cum bbl	wtr cum bb	gas cum bb	DATE
Jan-63										Jan-63
Feb-63										Feb-63
Mar-63			11527			11527			11527	Mar-63
Apr-63			22612			34139			34139	Apr-63
May-63			56773			90912			90912	May-63
Jun-63			59864			150776			150776	Jun-63
Jul-63	66		38682	66		189458	66		189458	Jul-63
Aug-63	3		340	69		189798	69		189798	Aug-63
Sep-63			655	69		190453	69		190453	Sep-63
Oct-63	7		5697	76		196150	76		196150	Oct-63
Nov-63	1		736	77		196886	77		196886	Nov-63
Dec-63			1542	77		198428	77		198428	Dec-63
Jan-64			19805	0		19805	77		218233	Jan-64
Feb-64	25		10161	25		29966	102		228394	Feb-64
Mar-64				25		29966	102		228394	Mar-64
Apr-64			8824	25		38790	102		237218	Apr-64
May-64	126		49912	151		88702	228		287130	May-64
Jun-64			47506	151		136208	228		334636	Jun-64
Jul-64	27		48834	178		185042	255		383470	Jul-64
Aug-64			36193	178		221235	255		419663	Aug-64
Sep-64	1		30477	179		251712	256		450140	Sep-64
Oct-64	1		18498	180		270210	257		468638	Oct-64
Nov-64			11306	180		281516	257		479944	Nov-64
Dec-64			11356	180		292872	257		491300	Dec-64
Jan-65	32		5448	32		5448	289		496748	Jan-65
Feb-65			4761	32		10209	289		501509	Feb-65
Mar-65			712	32		10921	289		502221	Mar-65
Apr-65			13025	32		23946	289		515246	Apr-65
May-65			5932	32		29878	289		521178	May-65
Jun-65			7754	32		37632	289		528932	Jun-65
Jul-65			3700	32		41332	289		532632	Jul-65
Aug-65			8304	32		49636	289		540936	Aug-65
Sep-65			5639	32		55275	289		546575	Sep-65
Oct-65			7749	32		63024	289		554324	Oct-65
Nov-65			4635	32		67659	289		558959	Nov-65
Dec-65			5387	32		73046	289		564346	Dec-65
Jan-66			3555	0		3555	289		567901	Jan-66
Feb-66			4700			8255	289		572601	Feb-66
Mar-66			5403			13658	289		578004	Mar-66
Apr-66			3171			16829	289		581175	Apr-66
May-66			4423			21252	289		585598	May-66
Jun-66			4863			26115	289		590461	Jun-66
Jul-66			16375			42490	289		606836	Jul-66
Aug-66			2107			44597	289		608943	Aug-66
Sep-66			6239			50836	289		615182	Sep-66
Oct-66			3571			54407	289		618753	Oct-66
Nov-66			2268			56675	289		621021	Nov-66
Dec-66			3907			60582	289		624928	Dec-66
Jan-67			1871			1871	289		626799	Jan-67
Feb-67			1177			3048	289		627976	Feb-67
Mar-67			4301			7349	289		632277	Mar-67
Apr-67			2533			9882	289		634810	Apr-67
May-67			2582			12464	289		637392	May-67
Jun-67			6764			19228	289		644156	Jun-67
Jul-67			5109			24337	289		649265	Jul-67
Aug-67			8384			32721	289		657649	Aug-67
Sep-67			5139			37860	289		662788	Sep-67
Oct-67		1	14716		1	52576	289	1	677504	Oct-67
Nov-67			5833		1	58409	289	1	683337	Nov-67
Dec-67			1064		1	59473	289	1	684401	Dec-67
Jan-68			1589		0	1589	289	1	685990	Jan-68

32 ×

MONTHLY PRODUCTION AT FRANCO-WESTERN 1 NAVAJO (32), ARIZONA
(per SLR audit of monthly producer's reports 3/63 -- 5/74)
(sw nw 22-41n-28e, North Toh-Atin Field, Apache County)

DATE	oil bbl	wtr bbl	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mc	oil cum bbl	wtr cum bb	gas cum bb	DATE
Feb-68			1242			2831	289	1	687232	Feb-68
Mar-68			1391			4222	289	1	688623	Mar-68
Apr-68			999			5221	289	1	689622	Apr-68
May-68			14628			19849	289	1	704250	May-68
Jun-68			6950			26799	289	1	711200	Jun-68
Jul-68			9727			36526	289	1	720927	Jul-68
Aug-68			10184			46710	289	1	731111	Aug-68
Sep-68			11575			58285	289	1	742686	Sep-68
Oct-68			16053			74338	289	1	758739	Oct-68
Nov-68			9713			84051	289	1	768452	Nov-68
Dec-68			7472			91523	289	1	775924	Dec-68
Jan-69			5470			5470	289	1	781394	Jan-69
Feb-69			5924			11394	289	1	787318	Feb-69
Mar-69			5600			16994	289	1	792918	Mar-69
Apr-69			6486			23480	289	1	799404	Apr-69
May-69			5174			28654	289	1	804578	May-69
Jun-69			7206			35860	289	1	811784	Jun-69
Jul-69			7510			43370	289	1	819294	Jul-69
Aug-69			8826			52196	289	1	828120	Aug-69
Sep-69			12014			64210	289	1	840134	Sep-69
Oct-69			9102			73312	289	1	849236	Oct-69
Nov-69			3503			76815	289	1	852739	Nov-69
Dec-69			3922			80737	289	1	856661	Dec-69
Jan-70			3668			3668	289	1	860329	Jan-70
Feb-70			4805			8473	289	1	865134	Feb-70
Mar-70			4781			13254	289	1	869915	Mar-70
Apr-70			3886			17140	289	1	873801	Apr-70
May-70			3945			21085	289	1	877746	May-70
Jun-70			3521			24606	289	1	881267	Jun-70
Jul-70			2557			27163	289	1	883824	Jul-70
Aug-70			2935			30098	289	1	886759	Aug-70
Sep-70			3092			33190	289	1	889851	Sep-70
Oct-70			1413			34603	289	1	891264	Oct-70
Nov-70			2507			37110	289	1	893771	Nov-70
Dec-70			3872			40982	289	1	897643	Dec-70
Jan-71			2521			2521	289	1	900164	Jan-71
Feb-71			1398			3919	289	1	901562	Feb-71
Mar-71			2785			6704	289	1	904347	Mar-71
Apr-71			2714			9418	289	1	907061	Apr-71
May-71			970			10388	289	1	908031	May-71
Jun-71			166			10554	289	1	908197	Jun-71
Jul-71			211			10765	289	1	908408	Jul-71
Aug-71			466			11231	289	1	908874	Aug-71
Sep-71			483			11714	289	1	909357	Sep-71
Oct-71			361			12075	289	1	909718	Oct-71
Nov-71			197			12272	289	1	909915	Nov-71
Dec-71			646			12918	289	1	910561	Dec-71
Jan-72			126		0	126	289	1	910687	Jan-72
Feb-72			242		0	368	289	1	910929	Feb-72
Mar-72			195		0	563	289	1	911124	Mar-72
Apr-72		25	162		25	725	289	26	911286	Apr-72
May-72		25	143		50	868	289	51	911429	May-72
Jun-72		4	171		54	1039	289	55	911600	Jun-72
Jul-72		4	30		58	1069	289	59	911630	Jul-72
Aug-72		4	383		62	1452	289	63	912013	Aug-72
Sep-72		4	366		66	1818	289	67	912379	Sep-72
Oct-72		4	260		70	2078	289	71	912639	Oct-72
Nov-72		4	240		74	2318	289	75	912879	Nov-72
Dec-72		4	249		78	2567	289	79	913128	Dec-72
Jan-73		6	319		8	319	289	85	913447	Jan-73
Feb-73		3	115		9	434	289	88	913562	Feb-73

MONTHLY PRODUCTION AT FRANCO-WESTERN 1 NAVAJO (32), ARIZONA
(per SLR audit of monthly producer's reports 3/63 -- 5/74)
(sw nw 22-41n-28e, North Toh-Atin Field, Apache County)

DATE	oil bbl	wtr bbl	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mc	oil cum bbl	wtr cum bb	gas cum bb	DATE
Mar-73		4	127		13	561	289	92	913689	Mar-73
Apr-73		4	182		17	743	289	96	913871	Apr-73
May-73		2	234		19	977	289	98	914105	May-73
Jun-73					19	977	289	98	914105	Jun-73
Jul-73			357		19	1334	289	98	914462	Jul-73
Aug-73					19	1334	289	98	914462	Aug-73
Sep-73		2	121		21	1455	289	100	914583	Sep-73
Oct-73		1	15		22	1470	289	101	914598	Oct-73
Nov-73					22	1470	289	101	914598	Nov-73
Dec-73					22	1470	289	101	914598	Dec-73
Jan-74					0	0	289	101	914598	Jan-74
Feb-74		3	60		3	60	289	104	914658	Feb-74
Mar-74		2	316		5	376	289	106	914974	Mar-74
Apr-74		4	157		9	533	289	110	915131	Apr-74
May-74		2	209		11	742	289	112	915340	May-74
Jun-74										Jun-74
Jul-74										Jul-74
Aug-74										Aug-74
Sep-74										Sep-74
Oct-74										Oct-74
Nov-74										Nov-74
Dec-74										Dec-74
Jan-75										Jan-75

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/yb

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.

32

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

~~517~~

518

CANCELLED

DATE 2-2-79 WEL

See File 518 For Cancelled Bond

DATE

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/sl

32

Consolidated Oil & Gas, Inc.

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

November 12, 1974

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen, Director
Enforcement Section

Re: Navajo No 1-22
Sec. 22-41N-R28E
Apache County, Arizona

Gentlemen:

Enclosed please find completed Form No. 10, "Plugging Record," covering the above captioned well.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

Floyd E. Ellison, Jr.

Floyd E. Ellison, Jr.
Area Production Manager

FEE:lt
Enclosure

RECEIVED
NOV 18 1974
O & G CONS. COMM.

November 4, 1974

Mr. Floyd E. Ellison, Jr.
Area Production Manager
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Franco Western Navajo #1
22-T41N-R28E
Apache Co., Permit #32

Consolidated #1 Navajo
2-T41N-R28E
Apache Co., Permit #481

Dear Mr. Ellison:

Your application to plug the above referenced wells was received on August 19, 1974. Please advise if this work has been performed, and if not, when you expect to complete the plugging of these wells.

When the plugging has been completed, it will be necessary that you submit Form 10, plugging report, to this Commission.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

32 ×

Consolidated Oil & Gas, Inc.

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

August 15, 1974

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Re: Navajo Well 1-22
Sec. 22, T41N, R28E
Apache County, Arizona

Gentlemen:

Enclosed please find two copies of Form No. 9, "Application to Abandon and Plug" covering the above captioned well.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

Floyd E. Ellison, Jr.

Floyd E. Ellison, Jr.
Area Production Manager

FEE:lt
Enclosures

RECEIVED
AUG 19 1974
O & G CONS. COMM.

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

September 18, 1973

Mr. Wayne Rogers
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Dear Mr. Rogers:

Will you please supply this Commission with any information that you might have regarding the recoverable reserves in the East Boundary Butte Field for your Shell Navajo #2 (22), Navajo #2-11 (518), Navajo #3-3 (514) and Shell Navajo #23-11 (69); and also in the North Toh Atin Field for your Mobil Franco Wyo (32)?

This information will be considered confidential if you so desire.

Thank you for your cooperation.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

32 × 1

January 19, 1971

O'Malley Insurance Company
Bond Department
2200 North Central
Phoenix, Arizona

Re: Federal Insurance Company Bond No. 8033-85-98 in the amount of $25,000 issued to Mobil Oil Corporation September 13, 1967.

Franco Western Navajo #1	Socony Mobil Oil Navajo Tract 155-1
SW/4 NW/4 Sec. 22-T41N-R28E	SE/4 NW/4 Sec. 28-T39N-R25E
Apache County	Apache County
Our File #32	Our File #272

Gentlemen:

Records of this office indicate that Mobil Oil Corporation has fulfilled their obligations to the State of Arizona as to the requirements pertaining to the above captioned wells. We authorize termination of the subject bond effective January 19, 1971.

Very truly yours,

W. E. Allen, Director
Enforcement Section

jd
cc: Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

WA

January 15, 1971

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Ave.
Phoenix, Arizona 85013

Attn: Mr. W. E. Allen
Director, Enforcement Section

PD-6800 (YOUR FILE #32)
FEDERAL INSURANCE COMPANY
BOND NO. 8033-85-98
STATE OF ARIZONA

Gentlemen:

In reply to your letter dated December 10, 1970 (copy attached), we request that you furnish us a release of the subject bond. We will send the release to our surety, the Federal Insurance Company, along with our request to cancel said bond.

Thank you for your cooperation in this matter.

Very truly yours,

MOBIL OIL CORPORATION

Henry C. Perry JRK
Henry C. Perry
Title Records Supervisor

JRKent/cbw
Attachment

RECEIVED
JAN 18 1971
O & G CONS. COMM.

32

32 x

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

~~ROOM 202~~ 4515 NORTH 7th AVE.
~~624 WEST ADAMS~~ PHOENIX, AZ. 85013
~~Phoenix, Arizona 85007~~

PHONE: 271-5161

LAND - T/R	
DEC 14 1970	
✓	ENG
	RES
	MFC
	HP
	TS
	GTW
	HL
	SPD
	GHK
RETURN TO	
FILE	

December 10, 1970

Mr. M. T. Whitaker
Mobil Oil Corporation
612 South Flower Street
Los Angeles, California 90054

Re: Franco Western Navajo #1
SW/4 NW/4 Section 22-T41N-R28E
Apache County
Our File #32

Dear Mr. Whitaker:

This is to advise you that the above referenced well is now covered under Consolidated Oil and Gas Company's Bond #31380-13-99-68. The covering of this well under Consolidated's bond releases Mobil from any further bonding obligations within the State of Arizona.

If you so wish, the State of Arizona will release your bond #8033-85-98 issued by Federal Insurance Company.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd

RECEIVED
DEC 30 1970
TITLE RECORDS

RECEIVED
JAN 18 1971
O & G CONS. COMM.

32

32 × 1

Operator Mobil Oil Corporation

Bond Company Federal Insurance Co. **Amount** $25,000.00

Bond No. 8033-85-98 **Date Approved** 9-27-67

Permits covered by this bond:

32 Franco Western #1 Navajo (operated by Consolidated Oil & Gas Inc.)

272

CANCELLED

DATE 1-19-71

32 × 1

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 8033-85-98

That we: MOBIL OIL CORPORATION

of the County of: Natrona in the State of: Wyoming

as principal, and FEDERAL INSURANCE COMPANY

of 90 John Street, New York, New York

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the Oil and Gas Conservation Commission, State of Arizona, in the penal sum as indicated, 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 is that whereas the above bounden principal proposes to drill a well or wells for oil, gas, helium, other minerals, or for 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 of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, 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, then this obligation is void; otherwise, the same shall be and remain in full force and effect. Liability under this bond may not be terminated without written permission of this commission.

Penal sum of TWENTY-FIVE THOUSAND AND NO/100 DOLLARS ($25,000.00)

Approved
Land
Legal
T. R. LHT

Witness our hands and seals, this 13th day of September, 1967

MOBIL OIL CORPORATION

By J. P. Lochridge
Attorney in Fact — Principal

Witness our hands and seals, this 13th day of September, 1967

FEDERAL INSURANCE COMPANY

By Dean L. Beck
Dean L. Beck, Attorney-in-fact — Surety

Countersigned by:
E. J. Malley
Resident Agent

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 9-27-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Bannister

Permit No.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

32 × 8

Certified Copy of

POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 90 John Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

Edward F. Reid, Jerald W. Keenan, Mary F. Nieters and Dean L. Beck of Denver, Colorado -

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds or obligations given or executed in the course of its business, and any instruments amending or altering the same, and consents to the modification or alteration of any instruments referred to in said bonds or obligations.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Vice President and Assistant Secretary and its corporate seal to be hereto affixed this 15th day of August 19 67

FEDERAL INSURANCE COMPANY
By

Frederick C. Gardner
Vice-President

Walter LaForge
Assistant Secretary

FEDERAL INSURANCE COMPANY NEW JERSEY

CANCELLED

STATE OF NEW YORK }
County of New York } ss.:

On this 15th day of August 1967 before me personally came Walter LaForge, to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney and the said Walter LaForge being by me duly sworn, did depose and say that he resides in the City of New York, in the State of New York; that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; that he is acquainted with Frederick C. Gardner and knows him to be Vice President of said Company, and that the signature of said Frederick C. Gardner subscribed to said Power of Attorney is in the genuine handwriting of said Frederick C. Gardner and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me on the date above written.

MARY K. BENDICK NOTARY PUBLIC STATE OF NEW YORK

Notary Public

MARY K. BENDICK
NOTARY PUBLIC, State of New York
No. 24-0237960
Qualified in Kings County
Certificate filed in New York County
Commission Expires March 30, 1969

FORM 12417 (ED. 12-66) 1-6486 (4M)

CITY AND COUNTY OF NEW YORK: ss

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended January 2, 1964 and that this By-Law is in full force and effect.

"ARTICLE XIX.

Section 2. All bonds, undertakings, contracts, powers of attorney, and other instruments other than as above, for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in this section, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, Puerto Rico, and each of the Provinces of the Dominion of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by the laws of the United States.

Given under my hand and seal of said Company at New York, N. Y., this 13th day of SEPTEMBER, 19 67

E. Miller
Assistant Secretary

Certified Copy of

POWER OF ATTORNEY

Know all Men by these Presents. That the FEDERAL INSURANCE COMPANY, 90 John Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

E. J. O'Malley
Eugene A. O'Malley
Sheila Brock
of
Phoenix, Arizona

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds of either of the following classes, to-wit:

1. Bonds on behalf of contractors in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation.
2. Surety Bonds to the United States of America or any agency thereof, including those required or permitted under the laws or regulations relating to Customs or Internal Revenue; License and Permit bonds or other indemnity bonds under the laws, ordinances or regulations of any State, City, Town, Village, Board or other body or organization, public or private; bonds to Transportation Companies, Lost Instrument bonds, Lease bonds, Workmen's Compensation bonds, Miscellaneous Surety bonds and bonds on behalf of Notaries Public, Sheriffs, Deputy Sheriffs and similar public officials.
3. Bonds and Undertakings (other than Fiduciary Bonds) filed in any suit, matter or proceeding in any Court, or filed with any Sheriff or Magistrate, for the doing or not doing of anything specified in such Bond or Undertaking, in which the penalty of the bond or undertaking does not exceed the sum of Fifty Thousand Dollars ($50,000.00).

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Vice President and Assistant Secretary and its corporate seal to be hereto affixed this 1st day of February 19 64.

FEDERAL INSURANCE COMPANY
By

Frederick C. Gardner
Vice-President

Davis Quinn
Assistant Secretary

CANCELLED
6-19-71

STATE OF NEW YORK }
County of New York } ss.:

On this 1st day of February 19 64, before me personally came Davis Quinn, to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney and the said Davis Quinn being by me duly sworn, did depose and say that he resides in the City of New York, in the State of New York; that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; that he is acquainted with Frederick C. Gardner and knows him to be Vice President of said Company, and that the signature of said Frederick C. Gardner subscribed to said Power of Attorney is in the genuine handwriting of said Frederick C. Gardner and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me on the date above written.

Notary Public

MARION J. McGRATH
NOTARY PUBLIC, State of New York
No. 24-7837850
Qualified in Kings County
Certificate filed in New York County
Commission Expires March 30, 1964

Form 12386 (Ed. 3-64)

I-4228 (5M)

CITY AND COUNTY OF NEW YORK: ss

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended January 2, 1964 and that this By-Law is in full force and effect.

"ARTICLE XIX.

Section 2. All bonds, undertakings, contracts, powers of attorney, and other instruments other than as above, for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in this section, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, Puerto Rico, and each of the Provinces of the Dominion of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by the laws of the United States.

Given under my hand and seal of said Company at New York, N. Y., this 13th day of September, 1967

Assistant Secretary

Mobil Oil Corporation

P.O. BOX 1652
CASPER, WYOMING 82601

September 25, 1967

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Blanket Drilling Bond
#8033-85-98
State of Arizona

Gentlemen:

We enclose for your approval original blanket bond executed by Mobil Oil Corporation as principal and Federal Insurance Company as surety, which bond is in the amount of $25,000.

This bond is to replace Bond #256595 with the Pacific Indemnity Company as surety dated October 1, 1965. We will appreciate your advising the Pacific Indemnity Company that their bond is terminated, with a copy to the undersigned.

Yours very truly,

Robert D. Romek

Robert D. Romek
Title Records Supervisor

RDR:dk
Enclosure

Consolidated Oil & Gas, Inc.

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

December 28, 1970

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen

Re: Navajo 1-22
SW NW Sec. 22-T41N-R28E
Apache County, Arizona
Your File No. 32

Gentlemen:

Please find enclosed the original and one copy of Form 4, detailing the recent recompletion of the captioned well. In addition, please find enclosed two copies of the Micro-Seismogram Log-Cased Hole.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink
D. E. Smink
Petroleum Engineer

DES/cc

Enclosures

RECEIVED
DEC 30 1970
O & G CONS. COMM.

32

32 ×

December 15, 1970

Mr. D. E. Smink
Consolidated Oil & Gas, Incorporated
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Franco Western Navajo #1
SW/4 NW/4 Section 22-T41N-R28E
Apache County
Our File #32

Dear Mr. Smink:

Thank you for your detailed workover report covering the remedial work performed on the above well.

Please refer to Rule 120 of the Oil and Gas Conservation Commission Rules and Regulations; and, forward a revised Form 4, Well Completion Report, on this well at your earliest convenience.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd
Enc.

32 x 6

Consolidated Oil & Gas, Inc.

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

December 10, 1970

U. S. Geological Survey
Department of the Interior
P. O. Box 959
Farmington, New Mexico

Attention: Mr. P. T. McGrath

Re: Form 9-331
Navajo No. 1-22
Apache County, Arizona

Gentlemen:

Please find attached the original and two copies of Form 9-331, "Subsequent Report of Perforating and Stimulation", re. the subject well.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink

D. E. Smink
Petroleum Engineer

DES/cc

Attachment

cc. The Navajo Tribe
Minerals Department

The State of Arizona
Oil & Gas Conservation Commission

J. CHRIS. NUNGESSER
President

TOM N. BERNARD
Vice President

J. CHRIS. NUNGESSER, II
Secty. - Treas.

BERNARD & NUNGESSER, INC.

INSURANCE SINCE 1884
GENERAL AGENTS
OUR NEW ADDRESS IS
231 CARONDELET ST., SUITE 302
N. O. LA. 70130 PHONE 581-4231
UNITED STATES FIDELITY AND GUARANTY COMPANY
144 CARONDELET STREET TELEPHONE: 525-0211 - 522-9783
NEW ORLEANS, LA. 70130

December 7, 1970
Air Mail

Mr. W. E.Allen, Director
Oil & Gas Conservation Commission,
State of Arizona,
4515 North 7th Avenue,
Phoenix, Arizona, 85013

Enforcement Section

Dear Mr.Allen:

Consolidated Oil & Gas, Inc.,
Bond No. 31380-13-99-68 -

With reference to your letter of November 27th, addressed to Mr. David E. Smink of Consolidated Oil & Gas, Inc., please be advised that our above bond, in the amount of $25,000 is a Blanket Bond in favor of the State of Arizona and the Oil & Gas Conservation Commission, covering all lands; consequently, since Consolidated is now the operator of Well known as Franco Western Navajo #1, etc. our above Blanket Bond would cover the State of Arizona and the Oil & Gas Conservation Commission as respects this well.

Should you have any further questions concerning the above, please so advise us.

With best regards, I am

Sincerely,

Tom N. Bernard

TNB:mk

cc: Mr. Robert R. Rosnik,
Consolidated Oil & Gas, Inc.,
1860 Lincoln Street,
Denver, Colorado 80203.

RECEIVED
DEC 11 1970
O & G CONS. COMM.

32

U. S. F. & G. REPRESENTATIVE SINCE 1896

32 x

December 10, 1970

Mr. M. T. Whitaker
Mobil Oil Corporation
612 South Flower Street
Los Angeles, California 90054

Re: Franco Western Navajo #1
SW/4 NW/4 Section 22-T41N-R28E
Apache County
Our File #32

Dear Mr. Whitaker:

This is to advise you that the above referenced well is now covered under Consolidated Oil and Gas Company's Bond #31380-13-99-68. The covering of this well under Consolidated's bond releases Mobil from any further bonding obligations within the State of Arizona.

If you so wish, the State of Arizona will release your bond #8033-85-98 issued by Federal Insurance Company.

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

RECEIVED
DEC 7 1970
O & G CONS. COMM.

December 4, 1970

Mr. Tom N. Bernard
Bernard & Nungesser, Inc.
231 Carondelet Street, Suite 302
New Orleans, Louisiana

Dear Tom:

Enclosed is a copy we received of a letter from the Arizona Oil and Gas Conservation Commission. Could you please verify to the Commission that the well referred to in the letter is covered by our USF&G bond. I assume that it is since the bond reads it covers all lands and is a blanket bond. However, I would appreciate your specific inclusion of the Navajo #1 well thereunder.

Thank you for your help in this matter.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

Robert R. Rosnik

RR/pm

32

32 x

November 27, 1970

Mr. David E. Smink
Consolidated Oil & Gas, Inc.
Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Franco Western Navajo #1
SW/4 NW/4 Section 22-T41N-R28E
Apache County
Our File #32

Dear Mr. Smink:

In checking our files we find that the above well is still under Mobil Oil Company's bond.

Since you are the present operator of this well will you please have your bonding company, United States Fidelity & Guaranty Company, place this well under your Bond No. 31380-13-99-68; and, have your bonding company notify this office of their acceptance of this well. When we receive notification of acceptance from United States Fidelity & Guaranty Company, we will then be in a position to release Mobil from their bonding obligations.

Thank you for your cooperation.

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

July 15, 1970

U. S. Geological Survey
Department of the Interior
P. O. Box 959
Farmington, New Mexico

Attention: Mr. P. T. McGrath

Re: Form 9-331
Navajo No. 1-22
Apache County, Arizona

Gentlemen:

Please find attached the original and two copies of Form 9-331 signifying our intention to set a cast iron bridge plug above perforations 5359-67' and 5380-92'; and to perforate, stimulate and test interval 5212-20'.

A "Subsequent Report" of operations will be furnished you upon completion of operations.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

D. E. Smink

D. E. Smink
Petroleum Engineer

DES/cc
Attachment

cc. The Navajo Tribe
Minerals Department

✓ The State of Arizona
Oil & Gas Conservation Commission

32

PETROLEUM ENGINEERING
RESERVOIR STUDIES
EVALUATIONS
GEOLOGICAL STUDIES

EWELL N. WALSH, P.E.
President

WALSH
ENGINEERING & PRODUCTION
CORPORATION
PETROLEUM CLUB PLAZA BUILDING
P. O. BOX 254
FARMINGTON, NEW MEXICO 87401

LEASE MANAGEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WORKOVER SUPERVISION

TELEPHONE 325-8203

July 31, 1969

Mr. Leo Case
Production Superintendent
Consolidated Oil & Gas, Inc.
P. O. Box 757
Cortez, Colorado 81321

Ref: Shell Navajo No. 23-11
Shell Navajo No. 2
Franco Wyoming Navajo No. 2

Dear Mr. Case:

Enclosed you will find six copies each of the Deliverability Test Reports for the above-referred-to wells.

Two copies of each should be sent to the Arizona Oil and Gas Conservation Commission. The other copies are for your files and distribution.

Very truly yours,

Ewell N. Walsh, P. E.
President

ENW:lt

Enclosures

bcc: Mr. James A. Lambert
Arizona O&CCC

O.K.

Rcd 7/29
Rcd Lambert

July 25, 1969

Mr. Leo Case
Consolidated Oil & Gas, Incorporated
P. O. Box 757
Cortez, Colorado 81321

Re: Franco Western Oil Navajo #1 — Permit 32
Shell Oil Navajo #2 — Permit 22
Shell Oil Navajo #23-11 — Permit 69

Dear Mr. Case:

Please advise when we may expect to receive the reports requested in our letters dated May 22 and July 10.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

O.K.

32

32 x

X-Lambert

X-Chrono

July 10, 1969

Mr. Leo Case
Consolidated Oil & Gas, Incorporated
P. O. Box 757
Cortez, Colorado 81321

Re: Franco Western Oil Navajo #1 — Permit 32
Shell Oil Navajo #2 — Permit 22 X
Shell Oil Navajo #23-11 — Permit 69 X

Dear Mr. Case:

Please refer to our letter dated May 12, 1969. Please advise when we may expect to receive our completed forms 18 and 20 pertaining to the captioned wells. These reports were due this date.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

O.K. 32

32 x

X-Chrono
X-Lambert

June 19, 1969

Memo to File #32
T41N, R28E, G & SRM
Sec. 22: SW/4 NW/4
Apache County

9:00 a.m.

From J. Lambert

Raleigh Kreuz (Crites) of Mobil Oil, Midland, Texas, called this date. He reminds us that Mobil's Casper office is closed and that the Midland office is handling matters that were formerly handled by the Casper office.

JL

32

32 × 1

X-Lambert
X-Chrono

May 22, 1986

Mr. Leo Case
Consolidated Oil & Gas, Incorporated
P. O. Box 757
Cortez, Colorado 81321

Re: Franco Western Oil Navajo #1 — Permit #32
Shell Oil Navajo #1 — Permit #43 X
Shell Oil Navajo #13-11 — Permit #63 X

Dear Mr. Case:

In accordance with Rule 401 the Oil and Gas Conservation Commission, State of Arizona, has adopted procedures for the annual testing for all gas and/or helium wells.

The Commission's procedure is based upon and must be used in conjunction with the Manual of Back pressure Testing of Gas Wells as issued by Interstate Oil Compact Commission, P. O. Box 53127, Oklahoma City, Oklahoma 73105.

The Commission has prepared, in addition, a supplement to the IOCC manual inasmuch as that manual is based upon a pressure base other than the 13.025 required by the State of Arizona. The supplement to the IOCC manual has made all necessary corrections to the IOCC manual to reflect the 13.025 pressure base.

The tests required by Rule 401 shall be conducted during the month of June each year and reported in duplicate by July 10th of each year. Forms 18 and 20 will be used for this purpose.

Yours truly,

James A. Lambert
Administrative Assistant

JB:jf
Enc.
cc: Consolidated Oil & Gas in Denver, Colorado

C.K.

32

32 x 8

Consolidated Oil & Gas, Inc.

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

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
22 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.

32 O.K.

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.

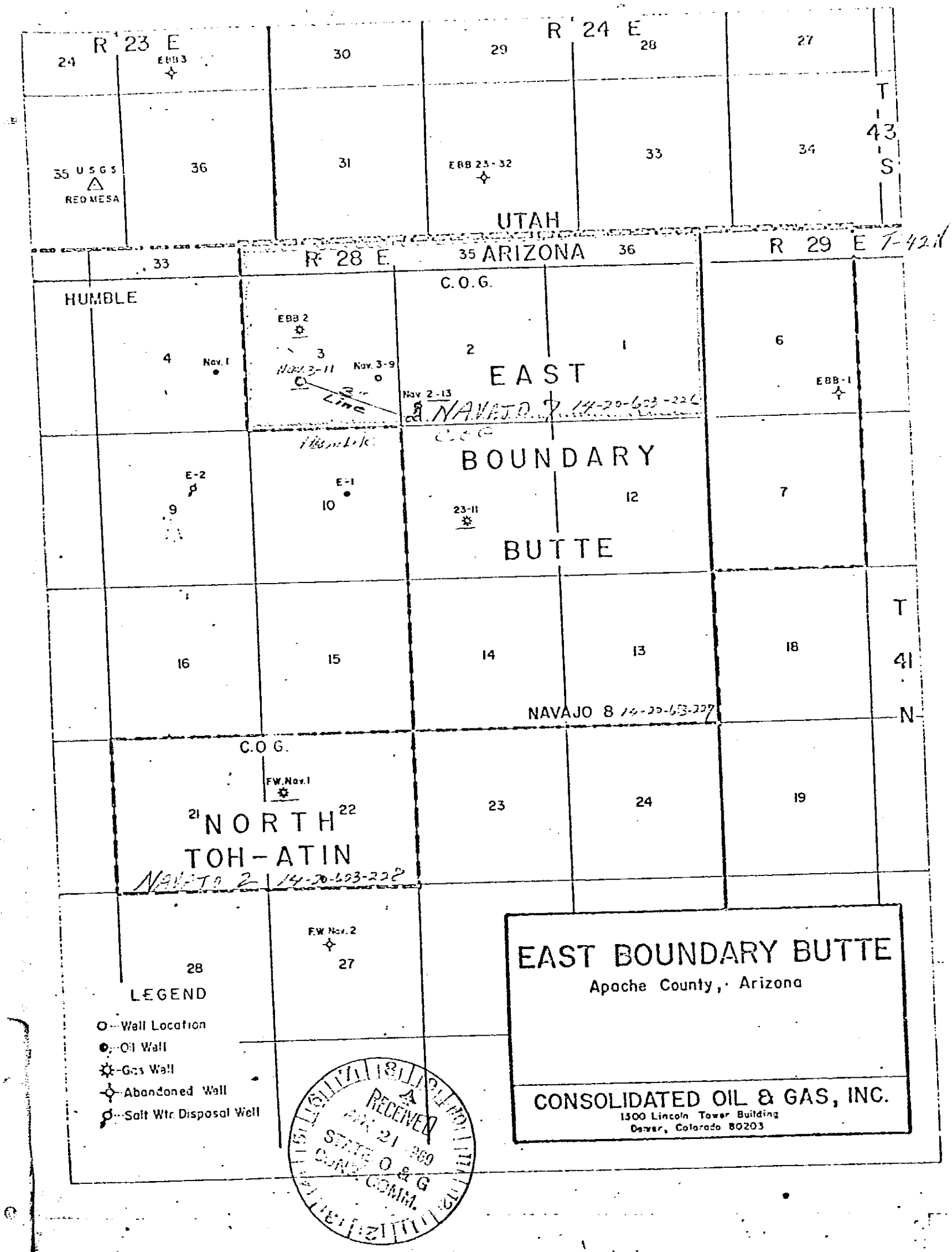
Wayne Rogers

Wayne Rogers

WR/jt

Enclosure

O.K.


R 23 E
R 24 E
R 28 E
R 29 E
T 43 S
T 41 N
UTAH
ARIZONA
HUMBLE
C.O.G.
EBB 3
EBB 23-32
EBB 2
Nov. 1
Nov. 3-11
Nov. 3-9
Nov 2-13
EBB-1
E-2
E-1
23-11
U S G S
RED MESA
FW. Nov. 1
FW. Nov. 2
EAST
BOUNDARY
BUTTE
NAVAJO 8 14-20-603-227
NORTH
TOH-ATIN
NAVAJO 2 14-20-603-228
LEGEND
Well Location
Oil Well
Gas Well
Abandoned Well
Salt Wtr Disposal Well
EAST BOUNDARY BUTTE
Apache County, Arizona
CONSOLIDATED OIL & GAS, INC.
1300 Lincoln Tower Building
Denver, Colorado 80203
RECEIVED
FEB 21 1969
STATE O & G CONS. COMM.

O.K.

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

October 7, 1968

Mr. Ewell N. Walsh
Petroleum Club Plaza Building
P. O. Box 254
Farmington, New Mexico 87401

Re: Shell #2 Navajo
T41N, R28E, G & SRM
Sec. 3: SE/4 NW/4
Apache County, Arizona
Permit #22

Shell #23-11 Navajo
T41N, R28E, G & SRM
Sec. 11: NE/4 SW/4
Apache County, Arizona
Permit #69

Franco Wyoming #1 Navajo
T41N, R28E, G & SRM
Sec. 22: SW/4 NW/4
Apache County, Arizona
Permit #32

Dear Mr. Walsh:

Mr. Case, Consolidated Oil and Gas Company, reported to us on September 12 that the captioned wells were tested on July 7, and the information is in your hands. Mr. Case indicated that we should expect to receive the test information in a "reasonable" period of time. Almost four weeks have passed, and we have not received the test results. Rule 401 - Capacity Tests of Gas Wells - requires a report for the annual testing of all gas wells. Please furnish these reports at once. — Recd 10/9/68

Yours truly,

J. A. Lambert

James A. Lambert
Administrative Assistant

RECEIVED
OCT 14 1968
STATE O. & G.
CONS. COMM.

The reports referred to above have been sent to Leo Case, Consolidated Oil and Gas, for signature and mailing to Arizona O&GCC.

Ewell N. Walsh

Ewell N. Walsh, P. E.
Pres., Walsh Eng. & Prod. Corp.

32 O.K.

32 x

September 30, 1968

Mr. Leo Case
Consolidated Oil and Gas, Inc.
P. O. Box 757
Cortez, Colorado

Re: Shell #2 Navajo
T41N, R28E, G & SRM
Sec. 3: SE/4 NW/4
Apache County, Arizona
Permit #22

Shell #23-11 Navajo
T41N, R28E, G & SRM
Sec. 11: NE/4 SW/4
Apache County, Arizona
Permit #69

Franco Wyoming #1 Navajo
T41N, R28E, G & SRM
Sec. 22: SW/4 NW/4
Apache County, Arizona
Permit #32

Dear Mr. Case:

The Commission looks to you for the report necessary to satisfy Rule 401. Our conversation on September 12 indicates that we would receive these tests within a reasonable period of time. It is your responsibility to see that Mr. Walsh or whoever your contractual agent may be delivers the reports.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

D.K.

Memo: File
From: J. Lambert

9-12-68
1:25 p.m.--Time

Re: Shell #2 Navajo
T41N, R28E, G & SRM
Sec. 3: SE/4 NW/4
Apache County, Arizona
Permit #22

Shell #23-11 Navajo
T41N, R28E, G & SRM
Sec. 11: NE/4 SW/4
Apache County, Arizona
Permit #69

Franco Wyoming #1 Navajo
T41N, R28E, G & SRM
Sec. 22: SW/4 NW/4
Apache County, Arizona
Permit #32

Mr. Case, Consolidated Oil and Gas, called this date. He states that each of the captioned wells were tested on July 7, and the information is in the hands of Red Walsh, Farmington. Mr. Case feels that the delay in reporting is due to secondary information needed by Mr. Walsh on the Franco Wyoming #1 Navajo well. He indicates that we should expect to receive these tests in a reasonable period of time.

JL

O.K.

September 10, 1968

Mr. Leo Case
Consolidated Oil and Gas, Inc.
P. O. Box 757
Cortez, Colorado

Re: Shell #2 Navajo
T41N, R28E, G & SRM
Sec. 3: SE/4 NW/4
Apache County, Arizona
Permit #22

Shell #23-11 Navajo
T41N, R28E, G & SRM
Sec. 11: NE/4 SW/4
Apache County, Arizona
Permit #69

Franco Wyoming #1 Navajo
T41N, R28E, G & SRM
Sec. 22: SW/4 NW/4
Apache County, Arizona
Permit #32

Dear Mr. Case:

Rule 401 - Capacity Tests of Gas Wells - requires a report for the annual testing of all gas wells. By letter dated July 10, 1968, this office granted an extension and exception in your particular case pertaining to the captioned wells. We call attention to the fact that we have not received the report due August 10, 1968. Please furnish this report by return mail.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

OK.

32 x

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1624 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

July 10, 1968

Consolidated Oil and Gas, Inc.
P.O. Box 757
Cortez, Colorado

Attention: Mr. Leo Case, Production Superintendent

Re: Capacity Testing of Gas Wells

Shell #s Navajo
SE NW 3-41N-28E Apache County, Arizona, File 22

Shell #23-11 Navajo
NE SW 11-41N-28E Apache County, Arizona, File 69

Franco Wyoming #1 Navajo
SW NW 22-41N-28E Apache County, Arizona, File 32

Gentlemen:

Mr. Ewell N. Walsh outlined to this Commission your request for an exception to the procedure for capacity testing of captioned wells.

Consolidated Oil and Gas, Inc. is granted an exception in that it will not be necessary to obtain the multi-point back pressure curve. In all calculations for deliverability the value of "n" shall be 0.85.

Further, an extension is granted to conduct the tests during the month of July and to submit the reports by August 10, 1968.

Very truly yours,

John Bannister

John Bannister
Executive Secretary
mr

cc: Mr. Wayne Rogers, Consolidated Oil and Gas, Inc., Denver
Mr. Ewell N. Walsh

O.K.

EWELL N. WALSH
PETROLEUM ENGINEER CONSULTANT
PETROLEUM CLUB PLAZA BLDG.
P. O. BOX 254
FARMINGTON, NEW MEXICO
87401

TELEPHONE BUS. 325-8203
RES. - 325-6455

July 3, 1968

RECEIVED
JUL 8 1968
STATE O & G
CONS. COMM.

Mr. John Bannister
Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
1624 West Adams, Room 202
Phoenix, Arizona 85007

Reference: Consolidated Oil and Gas Company
Shell Navajo No. 23-11 #69
Shell Navajo No. 2 #22
Mobil Franco Wyo. Navajo #32

Dear Mr. Bannister:

Mr. Leo Case, Consolidated Oil and Gas, requested that I obtain approval for exception to Rule 401 and date for filing the results of tests concerning the above referred to wells.

It is necessary to compress the gas production from the wells due to high gathering line pressure. In order to obtain sufficient drawdown of flowing pressures, to obtain a multi-point back pressure curve, it would be necessary to produce the wells to the atmosphere. Producing the wells to the atmosphere at this time would be a waste of gas. Therefore, it is requested that our exception to Rule 401 be approved to eliminate the necessity of obtaining the multi-point back pressure curve.

With approval of the above exception the slope or "n" value for use in the deliverability calculation will not be determined. It is requested that the "N" value of 0.85 be approved for use in the necessary calculations.

It is also requested that approval be given to file the necessary forms as soon as possible after July 15, 1968. The forms cannot be filed by the July 15 date due to the time needed to conduct the deliverability test, obtain calculated gas volumes and prepare the necessary forms.

Your approval of the requests would be greatly appreciated.

Very truly yours,

Ewell N. Walsh

Ewell N. Walsh, P. E.
Petroleum Engineer Consultant

Mary - letter to Consolidated granting exceptions
Copy to Walsh - copy of both in #22, 32 & 69

OK
LB 7-8-68

OK

32 x

cc: Mr. Wayne Rogers
Production Manager
Consolidated Oil and Gas, Inc.
4150 East Mexico Avenue
Denver, Colorado 80222

Mr. Leo Case
Production Superintendent
Consolidated Oil and Gas, Inc.
P. O. Box 757
Cortez, Colorado

DRY NOTICES AND REPORTS ON WELL

1. Name of Operator CONSOLIDATEL & GAS, INC.

2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify)

3. Well Name Navajo Lease No. 2, Well No. 1

Location

Sec. 22 Twp. 41N Rge. 28E County Apache, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribal 14-20-603-228

5. Field or Pool Name North Toh-Atin

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	MONTHLY PROGRESS	☐
FRACTURE TREAT	☐	DIRECTIONAL DRILL	☐	FRACTURE TREATMENT	☐	REPAIRING WELL	☐
SHOOT OR ACIDIZE	☐	PERFORATE CASING	☐	SHOOTING OR ACIDIZING	☐	ALTERING CASING	☐
REPAIR WELL	☐	CHANGE PLANS	☐			ABANDONMENT	☐
(OTHER)	☐			(OTHER) Documentation of Change of Operator			X

(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 7:00 a.m., April 1, 1968, the Operator of the above-described property changed to Consolidated Oil & Gas, Inc., from Mobil Oil Company.

Address: Consolidated Oil & Gas, Inc.
4150 East Mexico Avenue
Denver, Colorado 80222

RECEIVED MAY 7 1968 STATE O & G CONS. COMM.

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

Signed Joe A. Larkin Title Production Accountant Date May 3, 1968

Permit No. 32

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

32 × 1

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual

Consolidated Oil & Gas, Inc.

Post Office Address (Box or Street Address)

4150 East Mexico Avenue, Denver, Colorado 80222

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)

Exploration, development and operation of oil and gas properties

If a reorganization, give name and address of previous organization.

N/A

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
Colorado	CT Corporation 14 North 18th Avenue Phoenix, Arizona	October 11, 1967

Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
Harry A. Trueblood, Jr.	President	4150 East Mexico Avenue Denver, Colorado 80222
L. Douglas Hoyt	Vice President and Secretary	"Same"
Harold C. Gutjahr	Treasurer and Asst. Secretary	"Same"

DIRECTORS NAME	POST OFFICE ADDRESS
Harry A. Trueblood, Jr.	4150 East Mexico Avenue, Denver, Colorado 80222
L. Douglas Hoyt	4150 East Mexico Avenue, Denver, Colorado 80222
James D. Landauer	200 Park Avenue, Suite 2905, New York, New York 10017
Daniel T. O'Shea	1270 Avenue of the Americas, Suite 1270, N. Y., N. Y. 10020
John E. Price	P. O. Box 936, Fort Myers, Florida 33902
Theodor F. Rittenberg	31 Cherry Lane Drive, Englewood, Colorado 80110
Henry A. Wilmerding	19th Floor, 135 East 44th St., New York, N. Y. 10017
Alfred Gross	110 East 57th Street, New York, New York 10022
Donald W. Brink	375 Park Avenue, New York, New York
Lee J. Spiegelberg	120 East 56th Street, New York, New York 10022

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary 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.

L. Douglas Hoyt

Signature L. Douglas Hoyt, Secretary

January 19, 1968

Date

RECEIVED JAN 29 1968 STATE O & G CONS. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Organization Report
File One Copy

Form No. 1

SHELL OIL COMPANY
POST OFFICE BOX 999
BAKERSFIELD, CALIFORNIA 93301

SEP 28 1967

Arizona Oil and Gas Conservation Commission
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Gentlemen:

This refers to your letter of September 11, 1967, concerning Directive D-2-67 covering Gas-Oil Ratio Tests (Rule 301) and Capacity Tests of gas wells (Rule 401).

Our production in Arizona consists of two wells at East Boundary Butte and a part interest well at North Toh-Atin. Past production shows all three of these wells with a GOR greater than 50,000 cubic feet of gas per barrel which would place them in the "Gas Well" category under the Commission's definition. As confirmation, a test was made on September 14, 1967, with production as follows:

	Mcf/D	Oil B/D
East Boundary Butte		
No. 2	880	4
~~No. 23-11~~	1300	12
North Toh-Atin		
Mobil-Shell Navajo 1 - produces intermittently against line pressure and no test obtained. No oil or condensate produced over past year.		

Consequently, we consider these wells come under your Rule 401 and we take note that an open flow capacity determination by the back pressure test method is to be made in June of each year. Would you please send us your Form 18 for the reporting of the capacity tests.

Yours very truly,

W. W. Weller, Jr.
for M. J. Edwardson
Division Production Manager
San Joaquin Division

32 × 8

Operator ~~SOCONY~~ MOBIL OIL CO

Bond Company Pacific Indemnity Co Amount 25,000

Bond No. 256595 Date Approved 11-5-65

Permits covered by this bond:

272 See file

32

CANCELLED

DATE 9-27-67

Lee Taylor
Mobil
PO 1652
Casper 82601

32 × 1

September 27, 1967

Mobil Oil Corporation
P.O. Box 1652
Casper, Wyoming 82601

Attention: Mr. Robert D. Romek, Title Records Supervisor

Re: Pacific Indemnity Company Bond 256595

Gentlemen:

You have furnished this Commission with Federal Insurance Company blanket bond 8033-85-98. Inasmuch as this bond is now in full force and effect, this letter constitutes authority from this Commission to terminate captioned bond effective this date.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Pacific Indemnity Company
3200 Wilshire Boulevard
Los Angeles, Calif. 90005

Mobil

Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

612 SOUTH FLOWER STREET, LOS ANGELES, CALIF. 90054

January 26, 1966

Oil and Gas Conservation Commission
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

1.52 PRODUCING REPORTING
NAVAJO WELL #1
APACHE COUNTY, ARIZONA
RE: FILE #32

Gentlemen:

Regarding your letter of January 13, 1966 on the above subject property, our records indicate that there were no pipe line deliveries of condensate during the year 1965 to the Four Corners Pipeline Company for the purchaser.

Current status of this gas well indicates that no condensate is being produced. If further information is required, please advise.

Very truly yours,

C. G. Hoover, Department Manager,
Exploration and Producing Accounting

LMusick/dk

RECEIVED
JAN 27 1966
STATE O & G
CONS. COMM.

#32

32 × 1

SHELL OIL COMPANY

Post Office Box 1200
Farmington, New Mexico

January 21, 1966

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona

Gentlemen:

We refer to your letter of January 13, 1966, advising of our responsibility under Rule 301 of the Rules and Regulations wherein a gas-oil ratio test for each producing well is called for on a semi-annual basis.

Our wells in Arizona are gas wells and therefore we wonder if Rule 301 applies. The wells do produce a very limited amount of condensate.

Very truly yours,

R B Lingel

R. B. Lingel
Division Office Supervisor

RBL:CC

OK

January 17, 1966

Shell Oil Company
1008 West Sixth Street
Los Angeles, California 90054

Attention: Right of Way Section Certified Mail 461067

Re: Travelers Indemnity Company Bonds S-218 and S-92

Gentlemen:

Enclosed please find an approved copy of Travelers Indemnity Company Bond S-218 in the amount of $25,000, wherein Shell Oil Company is Principal.

Please be advised that Bond S-218 has replaced Travelers Bond S-92 and that said Bond S-92 may now be cancelled and Shell Oil Company has no further obligation to this Commission under said Bond S-92.

In reviewing Bond S-218 the conditions and obligations expressed therein are "for the production of oil and gas and the installation of equipment necessary and incidental thereto for the operation and maintenance of such wells.". While this wording is satisfactory to the Commission, it must be understood by all parties that this bond does specifically cover the obligations of Shell Oil Company to comply with all rules and regulations of this Commission concerning not only production, but the drilling, completion, plugging and abandoning of any well by Shell Oil Company within the State of Arizona as well.

Should you have any questions would you please advise.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

Certified Mail 461069

cc: The Travelers Indemnity Co., 2200 N. Central, Phoenix, Ariz.
Mr. D.E. Clark, Manager, Land Department, Shell Oil Co.,
1008 W. Sixth Street, Los Angeles Certified Mail 461068

Files: 22 and 69
32

O.K.

32

January 13, 1966

Mobil Oil Company
612 South Flower Street
Los Angeles, California 90054

Re: Franco Western Oil #1 Navajo well
SW/4NW/4 22-41N-23E, Apache County, Arizona
Our File 32

Gentlemen:

In reviewing our records we note that, according to the Certificate of Compliance and Authorization to Transport Oil or Gas from Lease on file with this Commission covering the production from this well, that Four Corners Pipe Line Company is the authorized transporter of the oil. However, Four Corners Pipe Line Company is not reporting this product on their Transporters and Storers Monthly Report.

At your earliest convenience, would you please advise this Commission as to the disposition of oil produced from this well.

El Paso Natural Gas Company does report the gas received.

Very truly yours,

John Bannister
Executive Secretary
mr

32 ×

Operator Franco Western Oil Company

Bond Company Hartford Accident & Indem. Co. Amount $2,500

Bond No. 2995473 Date Approved 3-26-56

Permits covered by this bond:

32

CANCELLED

DATE 1-12-66

32 ×

STATE OF ARIZONA

Bond No. 2995473

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

That we, Franco Western Oil Company,

hereinafter called Principal, and Hartford Accident and Indemnity Company, hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of Twenty-Five Hundred Dollars ($2,500) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas the Principal has obtained a permit from the State Land Commissioner to drill a well in search of oil or gas, and whereas said Principal is required by provisions of the Oil and Gas Conservation Act of 1951 to deposit with the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such that if the Principal shall drill, case and plug said well drilled by said Principal in such manner as to prevent the escape of oil or gas from one stratum to another and to prevent the intrusion of water into an oil or gas stratum from a separate stratum, and to prevent the pollution of fresh water supplies by oil, gas or salt water and in such manner as to prevent waste, and shall make such reports to the Commissioner as are required by the Oil and Gas Conservation Act of 1951 by said Principal, and shall file the log and drilling record kept by said Principal within six (6) months from the time of the completion or abandonment of said well drilled for oil or gas and shall plug the same in the manner provided by the rules and regulations adopted by said Commissioner, then this obligation to be null and void, otherwise to be and remain in full force and effect.

Witness our hands and seals this 26th day of March, 1956.

FRANCO WESTERN OIL COMPANY

CANCELLED

Principal

DATE 1-12-66

HARTFORD ACCIDENT AND INDEMNITY COMPANY

Paul Sybrandt

Paul Sybrandt Surety Attorney-In-Fact

Approved this _____ day of _____, 195__.

_____

_____
State Land Commissioner

32 × 6

3-1-1

Z OF NAME RIDER
IPAL OR OBLIGEE
ELLANEOUS BONDS

Please Sign and Return

HARTFORD ACCIDENT AND INDEMNITY COMPANY

PACIFIC DEPARTMENT, HARTFORD BUILDING
SAN FRANCISCO 20, CALIFORNIA

Effective from 9th day of October 19 64, the name of the Principal under the bond attached hereto is changed to read:

FRANCO WYOMING OIL COMPANY

Nothing herein contained shall be held to vary, waive, alter or extend any of the terms, conditions, agreements or warranties of the undermentioned bond, other than as stated above.

Attached to and forming a part of Bond No. 2995473 issued by the HARTFORD ACCIDENT AND INDEMNITY COMPANY, of Hartford, Connecticut, dated 26th day of March, 19 56, on behalf of FRANCO WESTERN OIL COMPANY

in favor of State of Arizona, State Land Department

Signed and sealed at San Francisco, California, this 13th day of October, 19 64

HARTFORD ACCIDENT AND INDEMNITY COMPANY,

By Alfred M. Garcia, Jr.
Alfred M. Garcia, Jr. Attorney-in-fact.

The conditions of this endorsement are hereby agreed to and accepted this 9th day of October, 19 64

FRANCO WYOMING OIL COMPANY

By: Assistant Secretary

(This copy must be signed by the old and new Obligee and returned. If the Obligee is a corporation the name must be signed by the proper officer and the corporate seal affixed.)

Please Sign and Return

Approved this _____ day of _____, 195__.

_____

_____
State Land Commissioner

32 × 8

OFFICE OF

State Land Department

STATE OF ARIZONA

Phoenix, Arizona

April 3, 1956

APR 9 1956

ROGER ERNST
STATE LAND COMMISSIONER

ROUTING	
H.D.C.	✓
GEOL.	✓
ENG.	
ACC'T.	✓
LAND	✓
PROD.	✓
PURCH.	
FILE	✓

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th Street
Bakersfield, California

Dear Mr. Braddy:

We are in receipt of our form O&G 51, "Notice of Intention to Drill New Well", in Section 22, Township 41 North, Range 28 East, Apache County, Arizona, together with your check in the amount of $25.00 to cover cost of filing fee.

We also wish to acknowledge receipt of bond number 2995473 in the amount of $2,500.00, issued by the Hartford Accident & Indemnity Company, in behalf of the Franco Western Oil Company, and in favor of the State of Arizona, which bond has been duly approved this 3rd day of April, 1956, copy inclosed.

As soon as your drilling permit has been granted approval on your proposed casing program, we will return a copy to you for your files.

At this time, we should like to call to your attention the matter of our state policy with regard to the collection of sample cuttings from all oil tests drilled in the State of Arizona, and to request your cooperation in helping us to carry out this program. Mr. Phillip W. Johnson, Geologist, will no doubt write you in the near future to acquaint you with this procedure.

We would like to know the names of the men in charge of your drilling operation and geology on the rig. Also, could you give us an idea of your anticipated drilling program or schedule?

We certainly wish you every success in your undertaking, and if this Department can assist you in any way, please let us know.

Sincerely yours,

Roger Ernst,
State Land Commissioner

RE:mb

32 × 1

Note Bond 2995473 endorsed
to Franco Wyoming Oil Co. 10-9-64

BOND NO. 2995473

AMOUNT $2,500

CANCELLED

ORGANIZATION REPORT yes

~~Covered by~~
~~Shell Company Bond:~~
~~Travelers Indemnity Co. #A-92.~~
~~(Covering 7-14-64 superseded Shell's~~
~~Federal Indemnity Insurance~~
~~Co. Bond No 7915 64.)~~

#32

January 12, 1966

Mobil Oil Company
612 South Flower Street
Los Angeles, Calif. 90054

Attention: Mr. F.A. Johnson

The Hartford Insurance Group
2111 E. Dakota Avenue
Fresno, California 93726

Attention: Mr. D.E. Wine

Re: Franco Western Oil #1 Navajo well
SW/4NW/4 22-41N-28E, Apache County, Arizona
Our File 32

Hartford Accident & Indemnity Company Bond 2995473

Gentlemen:

Rider filed with this Commission by your letter of January 10, 1966 confirms that captioned well is covered by Pacific Indemnity Company Bond 266595.

This letter then constitutes authority from this Commission to terminate Hartford Accident and Indemnity Company Bond 2995473.

Very truly yours,

John Bannister
Executive Secretary
mr

Mobil

Mobil Oil Company

A Division of Socony Mobil Oil Company, Inc.

612 SOUTH FLOWER STREET, LOS ANGELES, CALIF. 90054

January 10, 1966

Oil and Gas Conservation Commission
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Bannister
Executive Secretary

FRANCO WESTERN OIL COMPANY
1 NAVAJO WELL
YOUR FILE NO. 32

Gentlemen:

Your letter of November 15, 1965, addressed to The Hartford Insurance Group and Mobil Oil Company indicates that you will release Hartford Bond No. 2995473 upon evidence that Pacific Indemnity Company will assume full responsibility under its Bond 256595. We enclose a Rider to the Pacific Indemnity Bond adding the subject well.

We trust that this will meet your requirement and that The Hartford Bond may now be terminated. We would appreciate your verification of this to The Hartford Insurance Group and ourselves.

Yours very truly,

F. A. Johnson

SROLLER/ach
Enclosure

F. A. JOHNSON
Area Claim Manager

cc: The Hartford Insurance Group

Mr. Paul Sybrandt

RECEIVED
JAN 1966
STATE O & G
CONS. COMM.

32 x

Mobil

Mobil Oil Company

Los Angeles Exploration and Producing Division

November 23, 1965

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Bannister
Executive Secretary

Gentlemen:

Re: Franco Western Oil Co. No. 1 Navajo Well
SW/4 NW/4 22-41N-28E, Apache County,
Arizona - Your File 32 - Mobil File N-2652

In reply to your letter of November 15, 1965, this is to advise that Socony Mobil Oil Company, Inc. acquired all the interest in the subject well from Franco Wyoming Oil Company, by instrument dated July 1, 1965.

Yours very truly,

L. O. Faris, Supervisor
Title Records Section

LOF/asm

cc: F. A. Johnson
Attn: Stan Roller

32

November 15, 1965

The Hartford Insurance Group
2111 E. Dakota Avenue
Fresno, California 93726

Attention: Mr. D.E. Wine

Mobil Oil Company
612 South Flower Street
Los Angeles, Calif. 90054

Attention: Mr. F.A. Johnson

Re: Franco Western Oil Co. #1 Navajo well
SW/4NW/4 22-41N-28E, Apache County, Arizona
Our File 32

Hartford Accident & Indemnity Company Bond 2995473, in the amount of $2,500, covering captioned well

Pacific Indemnity Company Bond 256595, in the amount of $25,000, Socony-Mobil Oil Company, Principal

Gentlemen:

We are in receipt of a letter dated November 4, 1965 from Mr. D.E. Wine of the Hartford Insurance Group concerning the captioned well and captioned Hartford bond.

Mr. Wine advised that Mobil Oil Company, a division of Socony Mobil Oil Co., Inc., has acquired the Franco Wyoming Oil Company (nee Franco Western Oil Co.), and that Hartford now feels that its bond is no longer necessary inasmuch as they feel that the captioned Socony Mobil Oil Company bond will cover the captioned well.

Please be advised that the Hartford bond, No. 2995473, may only be terminated upon evidence that Pacific Indemnity Company will assume full responsibility under its Bond 256595.

At such time as evidence of Pacific's acceptance of liability is filed with this office the Hartford bond may be terminated. Until that time the Hartford bond must remain in full force and effect.

This office has not received notification of the acquisition of Franco Wyoming Oil Company by Mobil Oil Company.

HARTFORD FIRE INSURANCE COMPANY
HARTFORD ACCIDENT AND INDEMNITY COMPANY
HARTFORD LIFE INSURANCE COMPANY

CITIZENS INSURANCE COMPANY OF NEW JERSEY
NEW YORK UNDERWRITERS INSURANCE COMPANY
TWIN CITY FIRE INSURANCE COMPANY

THE HARTFORD INSURANCE GROUP
HARTFORD, CONNECTICUT 06115
FRESNO REGIONAL OFFICE
2111 E. DAKOTA AVENUE, FRESNO, CALIFORNIA 93726
TELEPHONE: 229-3511

November 4, 1965

State of Arizona
Oil and Gas Conservation Commission
Room 202, 1624 West Adams
Phoenix, Arizona 85007

RE: BOND NO: 2995473.
PRINCIPAL: FRANCO WYOMING OIL CO.
$2,500.00 COVERING WELL SW/4, NW/4, S22, T41N, R28E, APACHE COUNTY, ARIZONA

Gentlemen:

The captioned bond was executed on or about March 26, 1956, on behalf of the Franco Western Oil Company. The principal's name was changed by rider to the Franco Wyoming Oil Company sometime during 1964.

It has now been brought to our attention that the firm which appears as principal on this bond has been sold to the Mobil Oil Company, a division of Socony Mobil Oil Company, Inc. Accordingly, it is alleged that the captioned bond is no longer required as the Socony Mobil Oil Company, Inc. has on file a $25,000.00 bond in favor of the State of Arizona, executed by the Federal Insurance Company and bearing Bond Number 8017-09-14.

Would you please be kind enough to check your records and let us know whether or not termination of the captioned bond would be in order, providing the necessary termination evidence so that we may close our file.

Thank you for your cooperation and assistance in this matter.

Very truly yours,

D.E. Wine

D.E. Wine
SPECIAL AGENT
FRESNO REGIONAL OFFICE

DEW:msd

RECEIVED NOV 10 1965 STATE O & G CONS. COMM.

#32

32 x

SHELL OIL COMPANY
L.A. Data Service Center
675 So. Westmoreland Avenue
Los Angeles, California 90005

Telephone 482-3131
Area Code 213

April 22, 1965

Oil and Gas Conservation Commission
Room 202
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. James R. Scurlock

Gentlemen:

In reply to your letter of March 26, 1965, regarding the Franco Wyoming Navajo #1 well, we find that the Well Report is correct in showing no oil production for the month of February.

Please note the well is shown as a gas producer, status code number 40, in the status column.

Yours very truly,

F. D. Flink
Manager Accounting

JPK:sa

October 26, 1964

Franco Western Oil Company
P.O. Box 1176
Bakersfield, California

Attention: Mr. Bryant K. Zimmerman

Re: Hartford Accident and Indemnity Company bond 2995473
$2,500 covering Franco Western Oil Company well
SW/4NW/4, S22, T41N, R28E, Apache County, Arizona

Gentlemen:

We are in receipt of your letter of October 14, 1964 concerning the captioned bond wherein Hartford Accident and Idemnity Company has changed the name of the Principal to Franco Wyoming Oil Company.

This is to inform you that this substitution is acceptable to the Oil and Gas Conservation Commission. However, we must have affidavits of Attorney in Fact for Mr. Alfred M. Garcia, Jr., wherein he is allowed to bind Hartford Accident and Indemnity Company.

Will you please secure a copy of Mr. Garcia's Attorney in Fact and forward to this Commission at your earliest convenience.

Yours very truly,

John Bannister
Executive Secretary

wr

cc: Hartford Accident & Indemnity Co.
Hartford Bldg., San Francisco
Attention: Mr. Alfred M. Garcia, Jr.

FRANCO WESTERN OIL COMPANY

OIL PRODUCTION AND ROYALTIES
P. O. BOX 1176
BAKERSFIELD, CALIFORNIA

HARRY D. CAMPBELL
PRESIDENT

3132 EIGHTEENTH STREET
TELEPHONE FAIRVIEW 7-2213

RECEIVED
STATE O & G
CORP. COMM.

October 14, 1964

Arizona Corporation Commission
Capitol Annex
Phoenix, Arizona

Re: North Toh-Atin
Drilling Bond #2995473

Dear Sirs:

We are pleased to announce that, effective September 30, Franco Western Oil Company was merged into its sole stockholder Franco Wyoming Oil Company.

Enclosed is an endorsement of the above bond, dated October 9, 1964, evidencing the change of name of the principal under the bond.

Operations under our Toh-Atin lease will be carried on by Franco Western Oil Company as a division of Franco Wyoming Oil Company.

Very truly yours,

FRANCO WESTERN OIL COMPANY

BRYANT K. ZIMMERMAN

BKZ:hh
Enclosure

#32

32 ×

No. 7815611
Premium $60.00

B O N D

KNOW ALL MEN BY THESE PRESENTS:

THAT, the undersigned SHELL OIL COMPANY, a corporation organized under the laws of the State of Delaware and duly authorized to do business in the State of Arizona, as Principal, and the undersigned FEDERAL INSURANCE COMPANY, a corporation organized under the laws of the State of New Jersey, as Surety, are held and firmly bound unto the State of Arizona for the use and benefit of the Oil and Gas Conservation Fund in the sum of Ten Thousand Dollars ($10,000.00) for the payment of which well and truly to be made, we bind ourselves, our successors and assigns, jointly and severally, by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the said Principal is contemplating the drilling of wells in the State of Arizona for the production of oil and gas.and the installation of equipment necessary and incidental thereto for the operation and maintenance of such wells;

NOW, THEREFORE, if in its oil and gas operations in the State of Arizona said Principal shall comply with rules, regulations and orders promulgated under subsections 1, 2 and 3 of Paragraph (a) of Section 17 (Sec. 11-1717 Arizona Code) of the Oil and Gas Conservation Act of 1951, then this obligation shall be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, said Principal and Surety have caused their respective names to be subscribed hereto this 22 day of November, 1953.

SHELL OIL COMPANY

ACKNOWLEDGMENT OF ANNEXED INSTRUMENT

STATE OF CALIFORNIA
COUNTY OF Los Angeles } ss.:

On this 20th day of November in the year one thousand nine hundred and fifty-three before me, M. S. Banks, a Notary Public in and for the County of Los Angeles residing therein, duly commissioned and sworn, personally appeared F. Graeszel known to me to be the attorney-in-fact of FEDERAL INSURANCE COMPANY, the Corporation that executed the within instrument, and also known to me to be the person who executed the within instrument on behalf of the Corporation therein named and acknowledged to me that such Corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County of Los Angeles the day and year in this certificate first above written.

CANCELLED DATE 7-15-64

M S Banks
Notary Public in and for the County of
Los Angeles State of California

My Commission expires Feb. 2, 1955

SP-870 PRINTED IN U. S. A. (7-53-5M B16183)

See Permit 18 for Bond

32 x

XXXXXXXXXXXXXX
XXXXX

July 15, 1964

Copies mailed to: Federal Insurance Company
C/O Tucson REalty & Trust Co.
Tucson, Arizona

The Travelers Indemnity Company
Hartford, Connecticut

Shell Oil Company
Shell Building
1008 West Sixth Street
Los Angeles 54, California

Attention: Right of Way Section

Re: Travelers Replacement
Oil & Gas Drilling Bond S-92
Your File: Bonds General
Property No. 287

Gentlemen:

In reply to Mr. Bruce G. Kerr's letter of July 7, 1964, we accept your Travelers Indemnity Company Bond No. S-92 in the amount of $10,000.00 as a replacement bond for your Federal Insurance Company Bond No. 7915611. It is understood that the replacement bond is to be concurrent with your discontinued bond and covers the following wells and locations:

Shell Oil Company - Navajo Tribal #2
SE/4 NW/4 Section 3 - T41N - R28E, Apache County
File No. 22

Shell Oil Company - Navajo Tribal #23-11
NE/4 SW/4 Section 11 - T41N - R28E, Apache County
File No. 69

Shell Oil Company - Franco Western Navajo #1
SW/4 NW/4 Section 22 - T41N - R28E
Apache County, Arizona
File No. 32

This letter constitutes our authority to cancel the existing bond No. 7915611 with the Federal Insurance Company.

If we may be of further assistance, please advise.

Yours very truly,

John Bannister
Executive Secretary
JB:mkc

Cc: The Travelers Indemnity Company
Federal Insurance Company

O.K. ✓

April 24, 1964

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Attention: Mr. Joe E. Dozier, Jr.
Division Production Superintendent

Re: Monthly Individual Well Reports, Form PD-189(Rev.9/63)
22 East Boundary Butte 2, Lease 7, Sec. 3-T41N-R28E
69 East Boundary Butte 23-11, Lease 8, Sec.11-T41N-R28E
32 Franco Western, North Toh-Atin 1, Navajo Lease 2
Sec.22-T41N-R28E

Gentlemen:

The captioned reports for the month of March have apparently gone astray. We would appreciate your sending us copies in duplicate at your very earliest convenience.

Your usual prompt handling of this matter will be greatly appreciated.

Very truly yours,

John Bannister
Executive Secretary

JB/mkc

Cc: Shell Oil Company Rec'd from this address
Area Mailroom
1008 West 6th Street
P. O. Box 3397 Terminal Annex
Los Angeles 90054
Air Mail

O.K.

32 x

SHELL OIL COMPANY
Post Office Box 1200
Farmington, New Mexico

October 10, 1963

Subject: Cumulative Production
East Boundary Butte and
North Toh-Atin

Oil & Gas Conservation Commission
State of Arizona
Room 202 - 1624 West Adams
Phoenix 7, Arizona

Attention Mr. John K. Petty

Gentlemen:

With reference to your letter of October 3, 1963, we submit subject data for the following wells:

		Cumulative Oil (Bbls.)	Cumulative Gas (MCF)
22	East Boundary Butte, Lease 7, Well No. 2	---	164,343
69	East Boundary Butte, Lease 8, Well No. 23-11	5,288	221,061
32	Franco Western, North Toh-Atin, Navajo Lease 2, Well No. 1	326	189,798
18	East Boundary Butte, Lease 5, Well No. 1 (Idle)	---	497

The above figures are totals through August, 1963, as the Monthly Individual Well Reports for September are not yet available.

Yours very truly,

Joe E. Dozier, Jr.
Division Production Superintendent

EDH:OR

O.K.

32 x

XXXXXXXXX
XXXXXXXXXXX

October 3, 1963

Mr. Joe E. Dozier, Jr.
Division Production Superintendent
Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Re: Monthly Individual Well Reports - Form PD-189 (Rev 8-59)
22 East Boundary Butte 2, Lease 7
6 9 East Boundary Butte 23-11, Lease 8
32 Franco Western, North Toh-Atin, Navajo Lease 2, Well #1
18 East Boundary Butte 1, Lease 5

Dear Mr. Dozier:

We appreciate very much your compliance with our request for monthly individual well reports on the subject wells.

In order that our records of oil, gas and helium production for the state of Arizona may be as accurate as possible; we now request that you forward to us the total cumulative production figure for each well through September, 1963. Thus as you send us your monthly production figures for each well, we will be able to keep the cumulative figures accurate.

Your prompt cooperation is appreciated.

Very truly yours,

John K. Petty
Acting Executive Secretary

JKP:mkc

Cc: Shell Oil Company
Area Mailroom
1008 West 6th Street
Los Angeles 34, California

O.K

SHELL OIL COMPANY

Post Office Box 1200
Farmington, New Mexico

September 13, 1963

Subject: Monthly Individual Well Reports - Form PD-189 (REV 8-59) East Boundary Butte Leases 5, 7, 8 and Franco Western North Toh-Atin Navajo Lease 2

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix 7, Arizona

Attention Mr. John K. Petty

Gentlemen:

Per our telephone conversation on September 11, 1963, we are forwarding subject data from inception of production through July, 1963. By copy of this letter we are requesting our Los Angeles Office to send you copies monthly, commencing with the August report. We note that you will also require the monthly gas disposition report for each field.

The subject Shell Oil Company report will be utilized in lieu of your Form G-7, requested in your letter dated August 7, 1963, per Chapter III, Article II of the State of Arizona's General Rules and Regulations governing the oil industry.

The attached plat will show sites for the three producing wells in the following surveyed locations:

East Boundary Butte 2 Lease 7	- 1980' east, 1980' south of the NW corner of Section 3, T. 41 N., R. 28 E.
East Boundary Butte 23-11 Lease 8	- 1980' east, 1980' north of the SW corner of Section 11, T. 41 N., R. 28 E.
Franco Western, North Toh-Atin Navajo Lease 2, Well #1	- 660' east, 1980' south of the NW corner of Section 22, T. 41 N., R. 28 E.
East Boundary Butte 1 Lease 5	- Not producing and not shown on plat - 660' north, 660' west of the SE corner of Section 30, T. 41 N., R. 29 E.

Treat the 6

All locations are from the Gila and Salt River Meridian Base Line.

O.K.

22

It is hoped that the above information will satisfy Shell's obligation to your office.

Very truly yours,

Joe E. Dozier, Jr.
Division Production
Superintendent

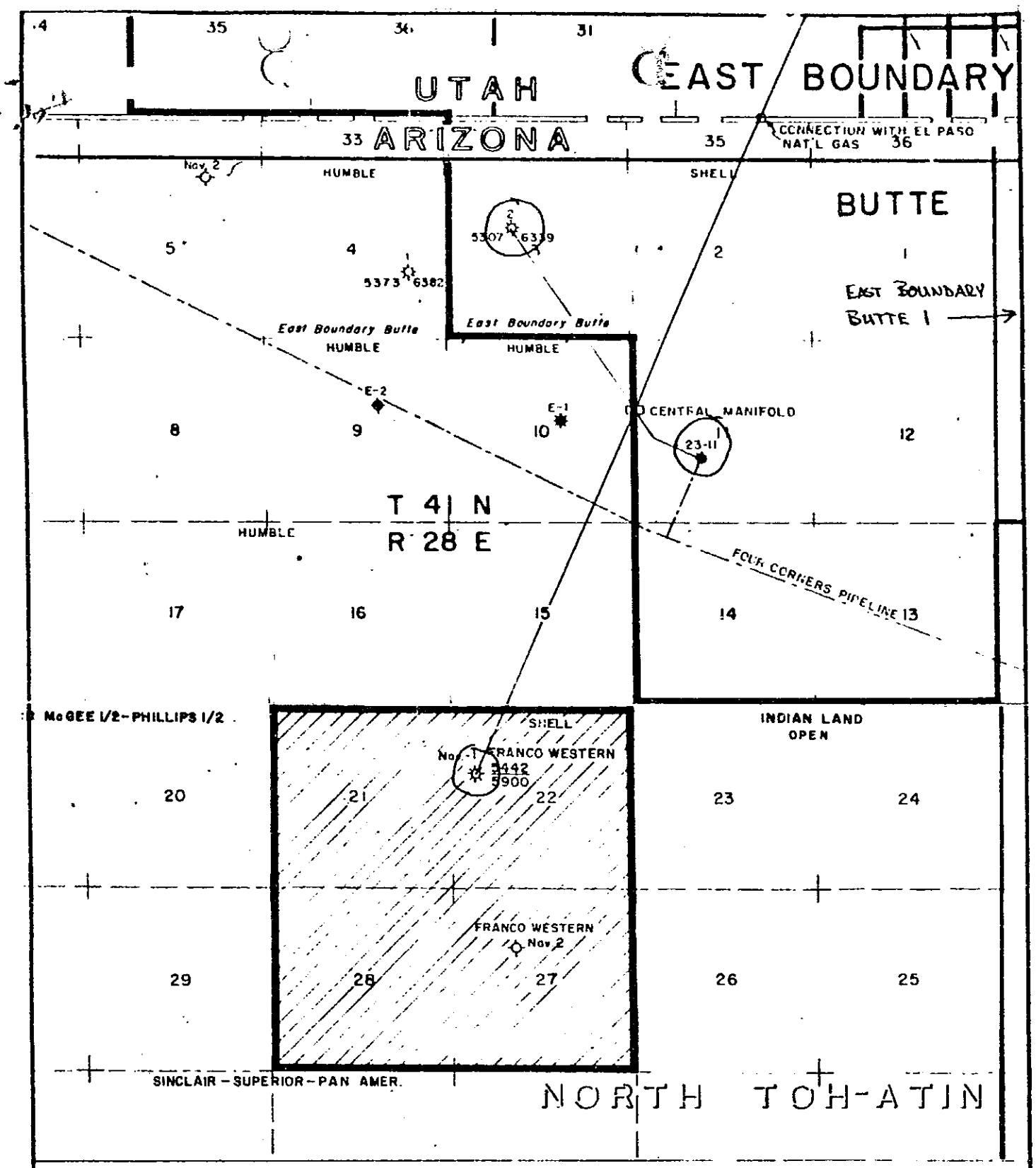
EDM:MFD

Attachments

cc - Area Mailroom, Los Angeles Office

22

32 × 1



—LEGEND—

- Wells discussed in text
- Franco Western earned a 1/2 undivided interest in 2560 acres for test well.
- Gas gathering lines
- Oil line to Four Corners Pipeline

SHELL OIL COMPANY	PACIFIC COAST AREA FARMINGTON DIVISION	EXPLOITATION DEPT.

EAST BOUNDARY BUTTE & NORTH TOH-ATIN AREA

San Juan County, Utah & Apache County, Arizona

Date 1-11-63 Scale 1" = 4000'
By R.F.D.
Approved J.F.D.

FIG 5

To Accompany Exploitation Engineers' Quarterly Report – 4th Quarter 1962

File
with Shell & Boundary Butte

NE Arizona
Apache Co

LOS ANGELES
PETTY & SCHUYLER
IN
HELENA, MONTANA

Mr. John K. Petty:

Our Production Department will forward to you shortly under separate cover the gas analysis comparison as per your request.

Surety Bond
Cash Bond

DK

[redacted]

Post Office Box 1200
Farmington, New Mexico

November 21, 1962

Subject: F.P.C. Docket No. C162-1037
East Boundary Butte Field

Oil and Gas Conservation Commission
State of Arizona
3500 North Central Avenue
Phoenix 12, Arizona

Attention Mr. John E. Petty

Gentlemen:

The Federal Power Commission is expected to set a date shortly for a hearing on Shell's application for a certificate to sell East Boundary Butte Area, Arizona (including North Toh-Atin) gas production to El Paso Natural Gas Company. It is possible that the hearing will be consolidated to include similar applications by Humble Oil & Refining Company and The Superior Oil Company for the sale of their gas production in Apache County, Arizona. It is our understanding that the hearing will be held before the end of the year; however, they must give thirty days' advance notice.

The contract price for pipeline quality gas is 17.7¢/MCF on a 15.025 psia pressure base, which is the same as for the Boundary Butte Field and Greater Aneth Area in San Juan County, Utah. This price was set by the F.P.C. as a condition for the sale of gas from these Utah fields. The original contract price was 20¢/MCF.

Shell Oil Company made application for a certificate to sell East Boundary Butte Area (including North Toh-Atin) gas production on March 7, 1962, in which we invoked temporary authority in order to expedite sale before a permanent certificate was received. Finally, after six months of waiting, we received, on September 5, 1962, a temporary authority with the price conditioned to 15¢/MCF from the 17.7¢/MCF contract price. In accepting the temporary certificate, the F.P.C. was informed that we would not accept a permanent certificate at 15¢/MCF without having an opportunity to justify the 17.7¢/MCF price.

O.K.

It would be helpful to our case if we could enlist the help of the State of Arizona in supporting the 17.7¢/MCF contract price, and stop a reduction to 15¢/MCF. It would be to their advantage for the following reasons.

East Boundary Butte being in the same geological and geographical province as gas in the Greater Aneth Area of Utah, Arizona should be entitled to the same price for gas being produced in both areas. Anything less would be discriminatory against the State of Arizona.

To have a depressed price of an already depressed gas price would discourage rather than encourage exploratory activity. To have a lower price so short a distance away from the Greater Aneth Area would eventually lead to placement of a low setting over the entire state. This would also tend to reduce the tax base and income of Arizona's citizens. Therefore, East Boundary Butte being in the same geological province as Aneth, an increased price would increase exploratory incentive, which in turn would increase development essential to the progress of the state. However, any reduction in the price freely contracted between buyer and seller in the East Boundary Butte Area would be detrimental to further oil and gas activity in the state of Arizona.

We hope you will either file a statement or have someone present it in person, supporting Shell's contracted 17.7¢/MCF price, supported by the reasons above stated. If you wish to participate, we request that we be given an advance copy of your statements.

If we may be of any further help, please do not hesitate to contact us.

Very truly yours,

F. W. Mantker

F. W. Mantker
Division Land Manager

DDC:GL

O.K

SHELL OIL COMPANY

Post Office Box 120
Farmington, New Mexico

Nov. 9, 1962

Oil and Gas Conservation Commission
State of Arizona
3500 N. Central, Suite 221
Phoenix 12, Arizona

Attention Mr. John K. Petty

Gentlemen:

Attached are executed copies, in triplicate, of Operator's Certificate of Compliance and Authorization to Transport Oil or Gas from Lease, Form No. P-17, to cover movement of oil and gas from our Navajo No. 8 Lease and gas from our East Boundary Butte No. 7 Lease. We trust you will find these Certificates in order and will grant the requested authorization.

We have requested Franco Western Oil Company to submit to you three executed copies of Form No. P-17 to cover movement of gas from the Navajo No. 2 Lease.

Very truly yours,

Joe E. Dosier, Jr.
Division Production
Superintendent

FJK:BD

Attachments

OK

22

November 7, 1962

Mr. Coleman
Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Dear Mr. Coleman:

This is to confirm emergency authorization for El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico to purchase and move gas in their pipeline from the following wells located in Apache County, Arizona in the Four Corners area:

1 - Shell Oil Co. #2 East Boundary Butte Navajo Lease #7
Sec. 3, T41N, R28E

2 - Shell Oil Co. #23-11 Navajo Tribal - Navajo Lease #8
Sec. 11, T41N, R28E

3 - Franco Western #1 Navajo Lease #2
Sec. 22, T41N, R28E

This authorization is the result of a telephone conversation between you and this office this afternoon.

Yours truly,

John K. Petty
Petroleum Geologist

cc El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico

O.K.
32
~~22~~

32 x

April 19, 1961

Franco Western Oil Company
3132 - 18th Street
Bakersfield, California

Re: Franco Western Oil Company Navajo #1 - SW NW
Section 22, T 41 N, R 28 E, Apache Co., Arizona

Gentlemen:

We are in receipt of a letter from Hartford Fire Insurance Company in which they stated that you had requested that your Bond #2995473 in the amount of $2,500 be cancelled as it is no longer needed.

In reviewing the file on your test, I am unable to find where you have plugged and abandoned the Navajo #1 in accordance with the rules and regulations of the state of Arizona. Therefore, we cannot release you from your bond until we have approved your plugging records.

I would appreciate it if you would furnish this office with the present status of your test at your earliest opportunity.

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme

April 19, 1961

Hartford Fire Insurance Company Group
Pacific Department
720 California Street
San Francisco 20, California

Attention: Fidelity and Surety Department

Re: Bond No. 2995473 - FRANCO WESTERN OIL COMPANY
Navajo #1 - SW NW Section 22, T 41 N, R 28 E,
Apache County, Arizona

Gentlemen:

We are in receipt of your letter of March 13 directed to the State Land Department. You stated that your principal, Franco Western Oil Company, had requested that the above mentioned bond was to be cancelled as it was no longer needed.

This is to advise that the status of this well, so far as this office is concerned, is a shut-in gas well owing to lack of pipeline facilities, and has never been plugged in accordance with the rules and regulations prescribed by the state of Arizona; therefore, it is impossible for us to authorize the cancellation of this bond.

I have, this date, written Franco Western Oil Company to furnish us with the complete status of this well. Immediately upon receipt of their answer, I shall inform you as to what procedure we will follow.

Yours very truly,

Brooks Pierce
Petroleum Geologist

BP:hme

32

HARTFORD FIRE INSURANCE COMPANY
HARTFORD ACCIDENT AND INDEMNITY COMPANY
HARTFORD LIVE STOCK INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF NEW JERSEY
HARTFORD CONNECTICUT

NEW YORK UNDERWRITERS INSURANCE COMPANY
NEW YORK NEW YORK
TWIN CITY FIRE INSURANCE COMPANY
MINNEAPOLIS MINNESOTA

HARTFORD FIRE INSURANCE COMPANY GROUP

PACIFIC DEPARTMENT
ADDISON C. POSEY, MANAGER
720 CALIFORNIA STREET
SAN FRANCISCO 20, CALIFORNIA

FIDELITY AND SURETY DEPARTMENT
ALFRED E. FULLER, SUPERINTENDENT

March 13, 1961

State of Arizona
State Land Department
Capitol Annex Office B
Phoenix, Arizona

Re: Bond No. 2995473-FRANCO WESTERN OIL COMPANY
Drilling Oil or Gas Well, Apache County-$2,500

Gentlemen:

We, as Surety, became liable effective 3-26-56 on the above captioned principal's Oil or Gas Well Drilling Bond in the amount of $2,500.00 for Apache County.

Our principal has now requested that this bond be cancelled as it is no longer needed.

We would therefore appreciate your usual advices allowing us to cancel our liability under the above captioned bond.

A self-addressed return envelope is enclosed for your convenience in forwarding termination evidence to us.

Very truly yours,

Clark W. Gilbert
Surety Underwriter

CWG:mll
Enclosure

32

3600

32 × 1

May 7, 1957

Mr. C. W. Braddy
Franco Western Oil Company
3132 Eighteenth St.,
Bakersfield, California

Dear Mr. Braddy:

We wish to acknowledge receipt of your letter in which you state you have renewed the bond in connection with your drilling operation in the State of Arizona.

We wish to thank you for your promptness in complying with State regulations, and if this Department can be of assistance to you at any time, please be assured that we will cooperate to the fullest extent.

Very truly yours,

STATE LAND DEPARTMENT

Louis C. Duncan,
Manager

mb

32

FRANCO WESTERN OIL COMPANY

OIL PRODUCTION AND ROYALTIES

BAKERSFIELD, CALIFORNIA

HARRY D. CAMPBELL
PRESIDENT

3132 EIGHTEENTH STREET
TELEPHONE FAIRVIEW 7-2213

April 15, 1957

State Land Department
State of Arizona
Phoenix, Arizona

Attention: Mr. Louis C. Duncan, Manager

Dear Mr. Duncan:

Thank you very much for your letter of April 10, 1957 relative to the bond in the amount of $2,500.00 covering our drilling operation in Section 22, Township 41 North, Range 28 East, Apache County, Arizona. In accordance with your suggestion, we have taken the necessary steps to renew the drilling bond and will keep same in effect until such time as the well is either produced or abandoned.

May we take this opportunity to thank you for your courtesy and cooperation in connection with our drilling operations. I sincerely hope that future developments will be such that we can drill many more wells in your state.

Very truly yours,

C. W. Braddy
C. W. BRADDY

CWB:hh

5186

32

April 10, 1957

Mr. C. W. Braddy
Franco Western Oil Company
3132 Eighteenth St.,
Bakersfield, California

Dear Mr. Braddy:

We wish to advise you that this Department has taken under advisement the matter of the cancellation of your bond in the amount of $2,500. covering your drilling operation in Section 22, Township 41 North, Range 28 East, Apache County, Arizona.

It is our opinion that since you still hold interest in the well, and insofar as the well is still shut in and is classified as an idle commercial gas well, it would be to your advantage, as well as protection to keep this bond in effect.

Since the anniversary date of your bond filed with Hartford Accident & Indemnity Company was March 26, 1956, it is suggested that you renew the above mentioned bond.

Thank you for your splendid cooperation in filing the necessary forms in conjunction with this well, as well as all the logs which were run on the well, and if we can be of further assistance to you, please let us know.

Very truly yours,

STATE LAND DEPARTMENT

Louis C. Duncan,
Manager

nb

cc - Hartford Accident & Indemnity Co.
P. W. Johnson

32

FRANCO WESTERN OIL COMPANY

OIL PRODUCTION AND ROYALTIES

BAKERSFIELD, CALIFORNIA

HARRY D. CAMPBELL
PRESIDENT

3132 EIGHTEENTH STREET
TELEPHONE FAIRVIEW 7-2213

March 8, 1957

RECEIVED MAR 11 1957 STATE LAND DEPT.

3272

Mr. Louis C. Duncan, Manager
State Land Department
State of Arizona
Phoenix, Arizona

Dear Mr. Duncan:

Thank you very much for your letter of March 4, 1957 pertaining to the status of our well located in Section 22, Township 41 North, Range 28 East, Apache County, Arizona.

I am advised by the Engineering Department of this company that upon completion of this well the State of Arizona was furnished with a complete history on the well together with your form O&G 52. After the completion of the well and testing, the well was then shut in. The well is still shut in and is classified as an idle commercial gas well.

Although future drilling activity is not contemplated on this well, it does not seem to us that your O&G forms 55 or 56 would be applicable. In the event that you require any additional information, kindly let us know.

Very truly yours,

C. W. Bradley
C. W. BRADLEY

see (illegible)

CWB:mw

32

32 × 1

M E M O R A N D U M

TO: Mr. Lassen

FROM: Emmet Barry

DATE: March 7, 1957

The question arises as to whether or not bond required by Section 27-516, A.R.S., can or should be exonerated and cancelled on request of the driller of an Oil and Gas well once the well has been capped and plugged and the log filed with this Department.

There is no statutory provision for exonerating and cancelling such a bond and further more even though the well has been capped there still remains the danger of pollution of fresh water supplies and of intrusion of water into the Oil or Gas stratum.

Therefore, it would be unwise to take any affirmative action to exonerate or cancel the bond.

EB:dt

cc: Louis C. Duncan

COPY

32

OFFICE OF

State Land Department

STATE OF ARIZONA

Phoenix, Arizona

OBED M. LASSEN
[redacted]ST
STATE LAND COMMISSIONER

March 4, 1957

Mr. Phillip W. Johnson
P. O. Box 2270
Tucson, Arizona

Dear Phil:

We have a request from Hartford Accident & Indemnity Company asking that we release the bond in the amount of $2,500 for Franco Western Oil Company.

As you may recall, we have various logs, RL; ML; DL; etc, also well completion report and casing program. They have not filed our forms O&G 55 and 56. Please see letter attached.

I believe the samples on this well are at Four Corners. Is this correct?

Under the present conditions, do you deem it advisable to release the bond? According to the law, we can go ahead and release the bond, provided all requirements have been met, or hold it if they contemplate any further activity on the well.

Very truly yours,

STATE LAND DEPARTMENT

Louis C. Duncan

Louis C. Duncan,
Manager

mb
Encl.

I don't know what the law on this is for we have never had a similar case. This well is a producer and I feel we should have the bond as a protection for the State interests. Therefore if there is any way to keep it enforced we should do so. Phil

32

2992

March 4, 1957

Mr. C. W. Braddy
Franco Western Oil Company
3132- 18th St.,
Bakersfield, California

Dear Mr. Braddy:

We have a request from the Hartford Accident & Indemnity Company regarding your bond which covered the drilling of your well located in Section 22, Township 41 North, Range 28 East, Apache County, Arizona.

We wish to advise you that if you do not contemplate any future drilling activity on this well, then we must have the inclosed O&G forms 55 and 56 completed and returned to this office for approval.

Upon receipt of the inclosed forms which are to be filed in duplicate, you will be notified as to whether or not the above mentioned bond will be released by this Department.

Very truly yours,

STATE LAND DEPARTMENT

Louis C. Duncan,
Manager

mb
cc - P.W.Johnson
cc - Hartford Accident & Indemnity Company
Encls.

32

32 x 6

WILSON C. JAINSEN, PRESIDENT

HARTFORD ACCIDENT AND INDEMNITY COMPANY

ADDISON C. POSEY
VICE-PRESIDENT

PACIFIC DEPARTMENT, HARTFORD BUILDING
SAN FRANCISCO 20, CALIFORNIA

FIDELITY AND SURETY DEPARTMENT
ALFRED E. FULLER, SUPERINTENDENT

February 28, 1957

State of Arizona
State Land Department
Capitol Annex Office B
Phoenix, Arizona

Gentlemen:

Re: Bond No.2995473
FRANCO WESTERN OIL COMPANY,Bakersfield
Drilling Oil or Gas Well,Apache County

We have been informed by our principal that the captioned bond is no longer required. In order to cancel our bond we must have your confirmation of this fact.

Please advise on the carbon copy of this letter which is enclosed and return to us at your early convenience.

A self-addressed stamped envelope is enclosed for your convenience in reply.

Very truly yours,

Wm. R. Wilson
Surety Department

WRW/vk
Encl.: 2

2764

RECEIVED MAR 2 1957 STATE LAND DEPT.

32

YEAR IN AND YEAR OUT YOU'LL DO WELL WITH THE HARTFORD

32 x

September 10, 1956

Mr. C. W. Braddy
Franco Western Oil Co.,
3132 - 18th Street
Bakersfield, California

Dear Mr. Braddy: Re: Franco Western, Sec. 22-41N-28E

We wish to acknowledge receipt of the following material:

MicroLogging - Schlumberger Well Surveying Corporation
Electrical Log - Schlumberger Well Surveying Corporation
Radioactivity Log - Lane Wells Company
Casing Record Completion of Work

We sincerely wish to thank you for submitting these official records to us.

Very truly yours,

Louis C. Duncan,
Manager

LCD:mb

32

September 7, 1956

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th Street
Bakersfield, California

Dear Mr. Braddy:

We wish to acknowledge receipt of our O&G forms 52 and 54 relating to well completion report and shooting report, and for which we wish to thank you. These reports cover your well #1 Navajo in the NW¼ of Section 22, Township 41 N., Range 28 E., Apache County, Arizona, and were filed by your representative, Mr. H. D. Campbell.

We shall be glad to forward a copy of these reports to our field representative, Mr. Phillip W. Johnson at Tucson for his perusal.

At this time we would like to call your attention to our letter dated April 9, 1956 relating to delivery of samples to the Four Corners Sample Cut at Farmington, New Mexico. To date, we have not been notified as to whether or not any samples were received. We would also like to obtain any logs that were run.

Thank you again for your splendid cooperation in supplying this Department with the necessary information.

Very truly yours,

Roger Ernst,
State Land Commissioner

32

REmb
cc- P.W. JOHNSON

ARIZONA REPUBLIC 8/28/56

Northeast Arizona Tests Bring In 2 Big Gassers

A GAS FIELD in northeast Arizona is indicated in tests reported here yesterday.

El Paso Natural Gas Co. on its own leases, and Franco-Western Oil Co. on a farmout from Shell Oil Co., drilled the two newest of this state's gassers.

El Paso's Bita Pear, 4½ miles south of Four Corners and 1 mile west of the New Mexico line in Arizona, has been developed as a gasser with production of 19 million cubic feet of gas daily.

FRANCO-WESTERN'S well is 10 miles west of El Paso's. It is the Toh-Atin.

In a drill-stem test, the Franco-Western well flowed at the rate of 76 million cubic feet through a half-inch choke. It also yielded an estimated 18 barrels of distillate.

Franco-Western hit production at from 5,359 to 5,367, a range of 8 feet.

Oil and gas journals describe Franco-Western's discovery as a new field.

EL PASO'S test was drilled to 5,648 feet but plugged back to 5,115. It then was perforated with 88 shots between 5,080 and 5,102 feet, and acidized with 6,000 gallons of 15 per cent acid.

An intermediate flow-back was reported, which was gauged at 16 million cubic feet after seven hours, and increased to 19 million after 24 hours. A shut-in pressure of 1,900 pounds after 13 hours also was reported. The well then was opened 30 minutes, the flow again gauged at 19 million cubic feet, and the well then was shut-in.

BEFORE drilling the Bita Pear wildcat, El Paso sank half a dozen stratigraphic tests to determine structure.

The well is the company's first in Arizona. It holds leases on 26 sections in the state's northeast area.

32

32 × 8

April 9, 1956

COPY

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th St.,
Bakersfield, California

Dear Mr. Braddy:

Inclosed please find your copy of our Form O&G 51, "Notice of Intention to Drill New Well" in Section 22, Township 41 North, Range 28 East, Apache County, Arizona for your files.

This permit has been granted approval this 9th day of April, 1956 by the State Land Commissioner.

Very truly yours,

Louis C. Duncan,
Office Manager

LCD:mb
Encl.

32

32 × 8

April 9, 1956

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th St.,
Bakersfield, California

Dear Mr. Braddy:

I am writing you to acquaint you with the collection of sample cuttings from all oil test wells drilled in Arizona and to request your cooperation in helping us to carry out this program.

Under the law it is mandatory that samples of cuttings of all oil test wells, as well as logs and other pertinent information be filed with the State Land Commissioner within six months after completion or abandonment. The over-all policy of the collection and preservation of samples has been a joint venture between the State Land Department, the U. S. Geological Survey, Groundwater Branch, University of Arizona and the Museum of Northern Arizona. Under this program samples of all types of wells are collected and cut two or three ways depending upon the type and location of the well. All oil test wells in the northern part of the State (plateau regional) are cut three ways, and all oil test wells in the southern part are cut two ways.

Inasmuch as your test wells are in the northern part of the State, we will require enough samples in order that it can be cut three ways. One sample for the loan library at the State Land Department, one sample for the permanent library at the University of Arizona, Tucson, Arizona, and one sample for the Research Center, Museum of Northern Arizona at Flagstaff, Arizona. Arrangements have been made with Mrs. Annabelle Smith, Manager of the Four Corners Sample Cut, Farmington, New Mexico to handle our samples. I would appreciate it if you could arrange with your representative in charge of these wells to take these samples to the Four Corners Sample Cut.

I presume that you will be collecting samples at 10' intervals, or less, and that possibly you will also do some coring. We would appreciate getting core chips samples and copies of whatever logs you run. If we can be of any further service, please feel free to call on us.

Very truly yours,

Phillip W. Johnson,
Geologist

32

PWJ:mb

C O P Y

April 3, 1956

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th Street
Bakersfield, California

Dear Mr. Braddy:

We are in receipt of our form OGI 51, "Notice of Intention to Drill New Well", in Section 22, Township 41 North, Range 28 East, Apache County, Arizona, together with your check in the amount of $25.00 to cover cost of filing fee.

We also wish to acknowledge receipt of bond number 2995473 in the amount of $2,500.00, issued by the Hartford Accident & Indemnity Company, in behalf of the Franco Western Oil Company, and in favor of the State of Arizona, which bond has been duly approved this 3rd day of April, 1956, copy inclosed.

As soon as your drilling permit has been granted approval on your proposed casing program, we will return a copy to you for your files.

At this time, we should like to call to your attention the matter of our state policy with regard to the collection of sample cuttings from all oil tests drilled in the State of Arizona, and to request your cooperation in helping us to carry out this program. Mr. Phillip W. Johnson, Geologist, will no doubt write you in the near future to acquaint you with this procedure.

We would like to know the names of the men in charge of your drilling operation and geology on the rig. Also, could you give us an idea of your anticipated drilling program or schedule?

We certainly wish you every success in your undertaking, and if this Department can assist you in any way, please let us know.

Sincerely yours,

Roger Ernst,
State Land Commissioner

32 REmb

April 3, 1956

Mr. Phillip W. Johnson
P. O. Box 2270
Tucson, Arizona

Dear Phil:

Inclosed please find a new permit for the following proposed oil test well:

Franco Western Oil Company, Section 22, Township 41 North, Range 28 East, Apache County.

Would you note their proposed casing program and if in good order, kindly approve same. The bond for this well has been sent in, as well as their check in the amount of $25.00 to cover filing fee.

I would also like to mention that the bond in the amount of $10,000.00 has come in for the Hancock Oil Company well.

Also, Mr. McGrath, U.S.D.I. sent us a copy of letter to El Paso granting approval for their Four Corners Strat Test No. 10. Looks as if it's a busy corner. Will you be making a trip soon?

Things and conditions, as you so aptly put it, are about the same. Your last enclosure was very much appreciated. Regards.

Sincerely,

Muriel R. Bates

32 mb

FRANCO WESTERN OIL COMPANY

OIL PRODUCTION AND ROYALTIES

BAKERSFIELD, CALIFORNIA

HARRY D. CAMPBELL
PRESIDENT

3132 EIGHTEENTH STREET
TELEPHONE FAIRVIEW 7-2213

March 30, 1956

3979

RECEIVED APR 2 1956 STATE LAND DEPT.

State Land Department
State of Arizona
Phoenix, Arizona

Attention: Mr. Louis C. Duncan
Office Manager

RE: Navajo Indian Reservation Lease, Contract #14-20-603-228, Apache County, Arizona

Gentlemen:

Pursuant to telephone conversation between your Mr. Duncan and the undersigned, and your letter of March 23, 1956, we enclose herewith the following:

1. Notice of Intention to Drill New Well, in triplicate, dated March 30, 1956,
2. Check in the amount of $25.00 to cover permit fee in connection with our Application to Drill New Well,
3. Bond #2995473, in duplicate, in the amount of $2500.00.
4. Certified copy of lease survey plat,
5. Certified copy of well survey plat.

In the event that there are any additional requirements, please do not hesitate to let us know.

Very truly yours,

C. W. Braddy

C. W. BRADDY

CWB:hh
Enclosures

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32 x

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

March 23, 1956

Franco Western Oil Company
3132 Eighteenth Street
Bakersfield, California

Re: Navajo Tribal 14-20-603-228

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated April 9, 1956 covering your well No. 1 Navajo in NW¼ sec. 22, T. 41 N., R. 28 E., G. & S.R.B. & M., Apache County, Arizona.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.

2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) J. W. LONG

Jerry W. Long
Acting District Engineer

JWLong:ac
cc - Arizona State
Navajo Agency

5136

38

32 × 6

OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

ROGER ERNST
STATE LAND COMMISSIONER

March 23, 1956

COPY

Mr. C. W. Braddy
Franco Western Oil Company
3132 - 18th Street
Bakersfield, California

Dear Mr. Braddy:

As per your request, we are inclosing two copies of the form, "Bond for Drilling Oil or Gas Well", which may be used in conjunction with your proposed drilling operation in Apache County, Arizona.

As soon as approval has been granted, we will be pleased to send you a copy for your files.

Very truly yours,

Louis C. Duncan,
Office Manager

LCD:mb
Encl. (2)

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