

P-W

Salt Water Injection

AAA Fishing Tool & Raw-E
SW NE 9-41N-28E Apache County

sl

COUNTY Apache AREA 1 miE. Red Mesa LEASE NO. Nav. 14-20-0603-579 old
 PERMIT TO RE-ENTER Nav 14-20-603-412 NEW
 WELL NAME ORIGINALLY AAA FISHING TOOL 2 Nav-E NOW MERRION DAYLESS
 LOCATION SW NE SEC 9 TWP 41N RANGE 28E FOOTAGE 1980 FNL & 1980 FEL
 ELEV 5527' GR 5537 KB Re-ENTRY STATUS SWD TOTAL 706520
 SPUD DATE 11-30-67 COMP. DATE 12-29-67 DEPTH 4936 PBT
 CONTRACTOR P4A 12-6-85

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<input checked="" type="checkbox"/>
9 5/8	1008	150 SK +325	Sax 4% gel NA	DRILLED BY CABLE TOOL	
7	4949	250 SK		PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
				See completion report this file and #65

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Per. Depth Control	4890-4900' / 4508-4512'	4286-4900'	SAMPLE DESCRP.
(Original logs-#65)	4456-4462'; 4368-4372		SAMPLE NO.
	4286-4296		CORE ANALYSIS
			DSTs

REMARKS Hole originally drilled, P&A by Humble Oil & Refining Co. Permit #65. See this file for survey, plat and all other info developed at that time. Operator Merrion & Bayless 1970. Potential test 1-3-68, 7 1/2 BPOD 25.7 MCF Flowing (Now used as salt water disposal injection well)

APP. TO PLUG
 PLUGGING REP.
 COMP. REPORT

WATER WELL ACCEPTED BY _____

BOND CO. United States Fidelity & Guaranty BOND NO. 010130-972-74
 BOND AMT. \$ 25,000 CANCELLED 12-14-67 DATE 11-30-67
 FILING RECEIPT 9531 LOC. PLAT x WELL BOOK x PLAT BOOK x
 API NO. 02-001-20067-1 DATE ISSUED see file #65 DEDICATION S/2 NE/4

PERMIT NUMBER 444

(over)

INJECTION WELL REPORTS

Filed in cabinet of Enforcement Director

Form 3100-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Expires August 31, 1985

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.)

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AZ OIL & GAS

CONSERVATION COMMISSION

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface
1980' FNL and 1980' FEL

RECEIVED

SEP 26 1986

7. PERMIT AGREEMENT NAME

NAVAJO

8. NAME OF LEASE

Navajo E

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA

Sec. 9, T41N, R28E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, ST, CR, etc.)

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Reclamation

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

17. DESCRIBE PROMISED 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.)

Reclamation for this P & A'd well has been completed.

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

SIGNED

TITLE Operations Manager

ACCEPTED FOR RECORD /86

(This space for Federal or State office use)

APPROVED BY

TITLE

SEP 29 1986

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY *Alan D. Hines*

*See Instructions on Reverse Side

FARMINGTON COPY

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

444

November 1985
Formerly 10-101

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(either instructions on reverse side)

Expires August 31, 1985

5. LEASE DENIGATION AND SERIAL NO.

14-20-603-517

6. INDIAN ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

Use "APPLICATION FOR PERMIT" for such proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.

NAVAJO OIL & GAS
CONSERVATION COMMISSION

1. WELL TYPE: WELL OTHER Disposal Well

7. UNIT AGREEMENT NAME

MAR 10 1983

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

8. FARM OR LEASE NAME

Navajo

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

9. WELL NO.

E2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface
1980' FNL and 1980' FEL

10. FIELD AND POOL, OR WILDCAT

East Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9, T41N, R28E

12. COUNTY OR PARISH; 13. STATE

Apache Arizona

14. PERMIT NO. 5536'KB BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

RECEIVED
DEC 12 1985

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

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

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

17. DESCRIBE IN DETAIL ALL 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.)

12/5/85 Perfed 1' with 4 JSPF at 1869'. Fish @ 1871' KB.
 Trip in hole with 2-3/8" tubing to 1870' KB. Circulated 350 sx Class B .4% retarder.
 (413 cu. ft.) Pull out of hole with tubing.
 Pumped 75 Bbls cement down 7" casing with 9-5/8" - 7" annulus open. (421 cu. ft.) Lost circulation and shutdown for 1-1/2 hours.
 Pumped 61 Bbls down casing (343 cu. ft.). Lost circulation again.
 Pumped 32 Bbls down 7" - 9-5/8" annulus. (180 cu. ft.) Well on vacuum.
 12/6/85 Pumped 5-1/2 Bbls RFC thixotropic cement down 9-5/8" - 7" annulus. (31 cu. ft.)
 Pressured to 500 PSIG - held.
 Pumped 11 Bbls RFC down 7" casing, left full. (62 cu. ft.)
 Installed dry hole marker.

Work completed 12/6/85.

APPROVED BY: J. Brennan TITLE: Production Engineer DATE: 12/10/85

APPROVED BY: _____ TITLE: _____ DATE: **APPROVED**

Approved as to plugging of the well head.
Liability under bond is retained until
surface restoration is completed.

FEB 06 1986
M. MILLENBACH
AREA MANAGER
R. W. Wilson

FARMINGTON COPY

WR 2-20-86 BC

RECEIVED

Form Approved
Budget Bureau No. 42-RM275

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 7 1982
O & G CONS. COMM.

4. LEASE 14-20-603-412
~~Business Lease~~

5. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo E

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
East Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9, T41N, R28E

12. COUNTY OR PARISH | 13. STATE
Apache | Arizona

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5527' G.L. 5536' K.B.

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 Form 9-331-C for such proposals.)

1. oil well gas well other Salt Water Disposal

2. NAME OF OPERATOR
Merrion and Bayless

3. ADDRESS OF OPERATOR
P. O. Box 1017, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1950' FNL and 1980' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO:
- TEST WATER SHUT-OFF
 - FRACTURE TREAT
 - SHOOT OR ACIDIZE
 - REPAIR WELL
 - PULL OR ALTER CASING
 - MULTIPLE COMPLETE
 - CHANGE ZONES
 - ABANDON*
 - (other) Discontinue Injection

SUBSEQUENT REPORT OF:

RECEIVED
JUN 16 1982

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Lost injection pressure May 26th and shut down injection. Attempted to pull tubing and tubing parted at 1500'. Fished 300' tubing from hole. Tubing badly corroded and casing full of Iron Sulfide.

Pumped in and circulated to braden head indicating hole in casing.

Needle valve plugged with Iron Sulfide had prevented effective monitoring of bad tubing.

(Plan to plug and abandon this well and convert the Navajo No. 3 to a Salt Water Disposal Well.)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Duane Merrion TITLE Co-Owner DATE 6/15/82

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 31 1982

FARMINGTON DISTRICT

BY SPK

*See Instructions on Reverse Side

444

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 See below	Field East Boundary Butte	Reservoir Paradox
Survey or Sec-Twp-Rge Sec. 9-T41N-R28E	County Apache	State Arizona
Operator ARI-MEX OIL & EXPLORATION INC.		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street c/o Walsh Engineering & Prod. Corp., Box 254,	City Farmington,	State New Mexico 87401
Above named operator authorizes (name of transporter) Permian Corporation		
Transporter's street address P.O. Box 1702	City Farmington	State New Mexico 87401
Field address Same		
Oil, condensate, gas well gas, casinghead gas		
To transport	100	% of the Oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. Change in transporter (Former Transporter - Four Corners Pipeline) Lease Numbers 14-20-0603-597 and 14-20-0603-597A		

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 Agent of the ARI-MEX OIL & EXPLORATION, 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.

March 22, 1974
Date

Ewell N. Walsh
Signature Ewell N. Walsh, P. E.

Date approved: 3-27-74
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: *[Signature]*

Permit No. 444

RECEIVED

MAR 27 1974

O & G CON. COMM.

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease 444 File Two Copies Form No. 8

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator A.A.A. Fishing Tool Co., Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo E# 4
 Location NE/4 NW/4
 Sec 9 Twp 41N Rge 28E County Apache Arizona
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-597A

5. Field or Pool Name East Boundary Butte

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

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

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

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

We wish to dispose approximately 500 barrels per day of salt water from the Navajo E# 4, Sec. 9 into the Navajo E# 2, SW/4 NE/4 Sec 9, T41N, R28E

RECEIVED

DEC 23 1970

O & G CONS. COMM.

I hereby certify that the foregoing is true and correct.

Signed

[Signature]

Title

President

Date

12/21/70

Form No. 25

W.C.C.
12-24-70
509

4444

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

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-663-597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Havajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Havajo Tribe of Indians "B"

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

East Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9-41E-20E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

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 Salt Water Disposal Well

2. NAME OF OPERATOR
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR
P. O. Box 120, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW NE (1980' FBL & 1980' FBL) of Section 9

14. PERMIT NO.
Arizona No. 444

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
5537' 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Convert to Salt Water Disposal	
(Other) <input type="checkbox"/>		(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.)

4
Ran 2" tubing to 4230', set packer at 4200'. Injection formation: Maricopa - perforations 4286-96', 4369-72', 4456-62', 4508-12' and 4890-4900'. Pumped in 250 BPD, went in on vacuum. Injected first produced water on 10-2-69.

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

SIGNED COPY (Original) J. ROY DORROUGH

TITLE Dist. Supt.

DATE 1-15-69

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

444

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION: **RECOMPLETE AS SALT WATER DISPOSAL**

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

DESCRIPTION OF WELL AND LEASE

Operator: **Humble Oil & Refining Company** Address: **P. O. Box 120, Denver, Colorado 80201**

Federal, State or Indian Lease Number or name of lessor if fee lease: **Navajo Tribe of Indians "E" - 14-20-603-412** Well Number: **2** Field & Reservoir: **Boundary Butte, East**

Location: **1980' FNL & 1980' FEL of Section 9** County: **Apache**

Sec. TWP-Range or Block & Survey: **Sec. 9-41N-28E - G&SRM**

Date spudded: **9-6-58** Date total depth reached: **11-12-58** Date completed, ready to inject: **Water - 10-2-68** Elevation (DE, RKB, RT or Gr.): **5537 RKB** feet Elevation of casing hd. flange: **5527** feet

Total depth: **6520'** P.B.T.D.: **4936'** Single, dual or triple completion?: **-** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: **Dry Hole - Converted to Salt Water Disposal** Rotary tools used (Interval): **0-6520'** Cable tools used (Interval): **None**

Was this well directionally drilled? **No** 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): **IES & Radioactivity** Date filed: **1958**

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
Surface	13-3/4"	9-5/8"	36#	1008'	475	None
Production	8-3/4"	7"	20# & 23#	4949'	250	None

TUBING RECORD - After Recompletion

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 in.	4230 ft.	4200 ft.	None in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth interval	Am't. & kind of material used	Depth Interval
2	-	4286-96'; 4368-72'; 4456-62'; 4508-12' & 4890-4900'	NO STIMULATION ON RECOMPLETION	

INITIAL PRODUCTION

Date of first production: **Dry Hole - Converted to Salt Water Disposal - First produced water injected on 10-2-68.** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

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

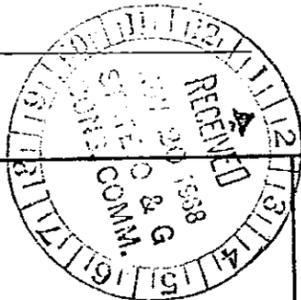
Tubing pressure: **-** Casing pressure: **-** Cal'ed rate of Production per 24 hrs.: **-** Oil: **-** Gas: **-** Water: **-** Gas-oil ratio: **-**

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 **Dist. Supt.** of the **Humble Oil & Refining 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 therein are true, correct and complete to the best of my knowledge.

Date: **11-18-68**

Signature: **J. Roy Dorough**



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

Permit No. **444**

Recompleted as SWD

(Complete Reverse Side)

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.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Navajo Tribe of Indians "E"

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
East Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9-41E-28E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

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 **Salt Water Disposal**

2. NAME OF OPERATOR
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR
P. O. Box 120, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
SW NE (1980' FNL & 1980' FEL) of Section 9.

14. PERMIT NO.
Arizona #444

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5537' 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to Salt Water Disposal <input checked="" type="checkbox"/>	

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.)*

TD 6520' - FBTD 4936'.

Ran tubing with packer and set packer at 4200'. Injected into perforations 4286-96', 4368-72', 4456-62', 4508-12' and 4890-4900'. Initial injection rate of 250 BPD on vacuum. First produced water injected on 10-2-68.



cc: 2 - Arizona Oil & Gas Conservation Commission
1 - Minerals Supervisor - Navajo Tribe

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

SIGNED J. Roy Darrough TITLE Dist. Supt. DATE 10-23-68
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

444

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company, P. O. Box 120, Denver, Colorado 80201
 2. OIL WELL GAS WELL OTHER (Specify) Salt Water Disposal
 3. Well Name Navajo Tribe of Indians "E" #2
 Location SW NE (1980' FNL & 1980' FEL) of Section 9
 Sec. 9 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-597

5. Field or Pool Name East Boundary Butte

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

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

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

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

in commercial quantities

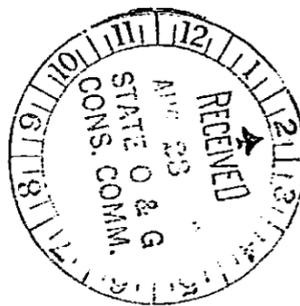
This well is non-productive of oil or gas and has open perforations 4286-96'; 4368-72'; 4456-62'; 4508-12' and 4890-4900'. 7" casing is set at 4949' and has a cement plug from below the casing point to 4936'. Humble requests approval to set a packer on 2" tubing at 4200' and inject produced water from other wells in the field into all of the above perforations.

NOTE: Subject well is currently owned by AAA Fishing Tool Company, Inc. of Farmington, New Mexico and being sold to Humble. Proof of ownership by Humble Oil & Refining Company will be submitted to your office prior to using well as a disposal well.

APPROVED

By John Bannister

Date 9-3-68



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

Signed J. Roy Dorrrough Title Dist. Supt. Date 8-20-68

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

Permit No. 444

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO POROUS FORMATION			
Operator Humble Oil & Refining Company		Address P. O. Box 120, Denver, Colorado 80201	
Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-597	Well No. Navajo 2-E	Field East Boundary Butte	County Apache
Location 1980' from north line and 1980' from east line, Section 9-T41N-R28E, G&SRM			
CASING AND TUBING DATA			
Name of string	Size	Length	Cement Data
Surface Casing	9-5/8"	1008'	Cemented to surface
Intermediate			
Long String	7"	4949'	Top of cement at 3570'
			Name, Model and Depth of Tubing Packer
Tubing	2-3/8"	4200'	Baker Model D set at 4200'
Name of Top and Bottom of Injection Zone Hermosa Formation			
Is Injection through Tubing, Casing or Annulus? Tubing	Perforations or Oper. Hole? Perforations	Is this a new well Drilled for Disposal? No - dry oil well	
List all Cement Squeeze Operations, Giving Interval and Number Sacks Cement Squeezed 4596'-4632' w/75 sx, squeezed 4668'-4722' w/75 sx, squeezed 4810'-54' w/50 sx			
Is Injection Zone Productive of Oil or Gas in This Field? Yes	Depth of Deepest Fresh Water Zone Coconino 2209' to 2620'	Depth of Shallowest Productive Zone	
Anticipated Daily Injection Volume (bbls.) 200	Minimum 200	Maximum 1000	Open or Closed System? Closed
Is Injection to be by Gravity or Pressure? Pressure	Approx. Pressure (Psi) 350	Source of Water to be Injected Hermosa Formation	
Are there any other Salt Water Disposal Wells using this same Zone in this Field? No	Yes or No No	If so name one such well below	
Name of Operator of Disposal Well in same zone	Lease Name	Well No.	
Is this well so cased and completed that water can enter no other formation than the above set out injection zone? Yes	Yes or No Yes	Have notices of this application been mailed or given to all operators within 1/2 mile of this injection well?	Yes or No Yes
List names and addresses of all operators within one-half (1/2) mile of this injection well: AAA Fishing Tool Company, P. O. Box 1281, Farmington, New Mexico			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Denver District Superintendent</u> of the <u>HUMBLE OIL & REFINING</u> company, and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p>			
<p>INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. Attach a complete full-scale electrical log of this well, if available. Indicate on electrical log, or by other evidence, the base of fresh water zones in this field. 2. Attach waivers from all operators within one-half (1/2) mile of injection well, or copies of letters notifying such operators of this application. Also attach waiver from surface owners of land on which the disposal well is located, or copy of letter from operator making this application notifying such surface owners of this application and requesting waivers. 3. Should all necessary waivers not accompany application, the State of Arizona Oil & Gas Conservation Commission shall hold such application for a period of ten (10) days from date of receipt. If, after said ten (10) day period, no protest or request for a hearing is received, the application will then be processed. 		<p>Signature <i>[Signature]</i> Date 6-26-68</p>	
<p>Date approved 7-10-68 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By <i>[Signature]</i></p>		<p>STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application To Dispose of Salt Water by Injection Into a Porous Formation File Two Copies RECEIVED JUN 28 1968 O & G COMM.</p>	
<p>Permit No. 444</p>		<p>Form No. 15</p>	

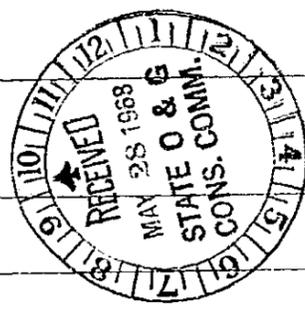
EXHIBIT NO. 1

1 OGCC 1 AAA 1 File

RESERVOIR PRESSURE REPORT

Operator: AAA Fishing Tool Co., Inc. Address: Box 234, Farmington, New Mexico Date: 5/27/68
 Field: Apache County
 Producing Formation: Hermosa Oil Gradient: 9.368
 Water Gradient: NoAO Initial Completion: X
 General Survey: Apache Datum Plane: +700 Gas Gravity: 0.620

Well Name	Fert. Rate	Oil Gradient	Date Tested	Water Gradient	Initial Completion	Bomb Test Data			Wire Line			Instrument Test Data			Pressure At Datum	
						Shut-in Tubing Pressure	Test Depth	R.H. Temp.	Observed Pressure	Prod. Test (Bbls per Day)	Liquid Level	Liquid Gradient	Wt. of Liquid Column	Wt. of Gas Column		Casing Pressure
Navajo E #2			3/23/68	72	520						2450	0.368	874	7	520	140



AAA

* Designate type of report by "X".

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Engineer of the AAA Fishing Tool Co., Inc., and that I am authorized by said company to make this report; and this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature: *[Handwritten Signature]*

Date: 5/27/68

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Reservoir Pressure Report
 Form No. 1
 File One Copy

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Re-entry Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: AAA Fishing Tool Co., Inc. Address: Box 1281, Farmington, New Mexico 87401

Federal, State or Indian Lease Number or name of lessor if fee lease: Navajo E 14-20-0603-579 Well Number: 2 Field & Reservoir: East Boundary Butte

Location: 1980' fnl 1980' eel County: Apache

Sec. TWP-Range or Block & Survey: Sec. 9, T41N, R28E

Date ~~XXXX~~ Re-entry 11/30/67 Date total depth reached 12/4/67 Date completed, ready to produce 12/29/67 Elevation (DF, REB, RT or Gr.) Gr. 5527 feet Elevation of casing hd. range 5529 feet

Total depth Re-entry 4936' P.B.T.D. 4936' Single, dual or triple completion? Single If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: 4286'-4900' Hermosa Rotary tools used (interval): Surface to 4936' Cable tools used (interval): ---

Was this well directionally drilled? No Was directional survey made? No Was copy of directional survey filed? No Date filed: N.A.

Type of electrical or other logs run (check logs filed with the commission): Schlumberger Gamma Ray Correlation Date filed: 1/18/68

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
Surface		9 5/8"	36	1008'	325 sx. 4% gel. plus 150 sx.	None
Production		7"	20 & 23	4949'	250 sx. neat	None

TUBING RECORD			LINER RECORD				
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 3/8 in.	4914 ft.	None ft.	None in.	---	ft.	ft.	ft.

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
See reverse side			See reverse side	

INITIAL PRODUCTION

Date of first production: 12/29/67 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): Flow with free piston

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
1/3/68	24	---	7 1/2 bbls.	---	1 bbls.	32 ° API (Corr)

Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
100	350		24 bbls.	---	1 bbls.	---

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

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

Date: 1/31/68 Signature: *Thomas A. Morgan*

Permit No. 444

RECEIVED
FEB 1 11 1968
STATE OF ARIZONA
OIL & GAS
CONSERVATION COMM.

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

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
0	2735	2735	Sand & Shale (2210' top of Cutler-Rico)
2735	3153	418	Shale
3153	3393	240	Shale & Lime Streaks (2260' top of Coconino)
3393	3609	216	Shale & Sand (2619' top of Organ Rock)
3609	3955	346	Shale
3955	4282	327	Shale & Lime (4210' top of Hermosa)
4282	4373	91	Shale
4373	4506	133	Shale & Lime with Chert
4506	5643	1137	Shale & Lime (4950' top of Paradox)

PERFORATION & ACID RECORD

No. per ft.	Sized Type	Depth Interval	Acid
2	1/2" jet	4890-4900	1500 gal. HCl
2	1/2" jet	4508-4512	250 gal. HCl
2	1/2" jet	4456-4462	250 gal. HCl
			1500 gal. BDA
2	1/2" jet	4368-4372	250 gal. HCl
2	1/2" jet	4286-4296	1000 gal. HCl

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

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

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

Form 9-33
(Rev. 5-63)

5 USGS

AAA

1 Nav.

1 Ariz.

1 File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

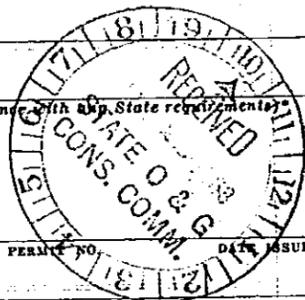
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. CESVR. Other **Re-entry**

2. NAME OF OPERATOR
AAA Fishing Tool Co., Inc.

3. ADDRESS OF OPERATOR
Box 1281, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with app. State requirements)
At surface **1980' fn1 1980' fe1**
At top prod. interval reported below
At total depth



5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo E

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
East Boundary Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 9, T41N, R28E

12. COUNTY OR PARISH
Apache

13. STATE
Ariz.

14. PERMIT NO. DATE ISSUED

15. DATE **Re-entry** 16. DATE T.D. REACHED **12/4/67** 17. DATE COMPL. (Ready to prod.) **12/29/67** 18. ELEVATIONS (OF REB, RT, OR, ETC.)* **5527' Gr.** 19. ELEV. CASINGHEAD **5520'**

20. TOTAL DEPTH, MD & TVD **Re-entry 4936'** 21. PLUG, BACK T.D., MD & TVD **4936'** 22. IF MULTIPLE COMPL., HOW MANY* **Single** 23. INTERVALS DRILLED BY ROTARY TOOLS **0-4936** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **4286'-4900' Hermosa** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Schlumberger Gamma Ray Correlation** 27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	1008		325 sx. 4% Gel. + 150 sx.	---
7"	20 & 23	4949		250 sx. neat	---

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2 3/8	4914	---

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4286'-4900'	1500 gal. HCl
4508'-12	250 gal. HCl
4456'-62	250 gal. HCl. 1500 BDA
4368'-72	250 gal. HCl.
PRODUCTION 4286'-96 1000 gal. HCl.	

33. DATE FIRST PRODUCTION **12/29/67** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/3/68	24*	---	→	7 1/2	---	1	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	350	→	7 1/2	---	1	32°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY **McClellan**

35. LIST OF ATTACHMENTS ***15 min. 4 times per day**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
Original signed by **T. A. Dugan** TITLE **Engineer** DATE **1/18/68**

*(See Instructions and Spaces for Additional Data on Reverse Side)

444

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals; top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals/Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION		GEOLOGIC MARKERS	
TOP	BOTTOM	NAME	TOP NEAR. DEPTH TRUE VERT. DEPTH
37. SUMMARY OF POROUS ZONES OF IMPORTANCE AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES DRILL-STEM TESTS, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC.			
See Humble final log			

Blacky McClelland
AAA Tool Fishing
Permit 444

Has plunger bit on
well. Getting 4-5 bopd.
If he can get cycling
properly can improve
on that -

Has been shut down 13 days
due to weather.

Plans to install separator
1-18-68 or 1-19-68
to get GOR.

This a "booger" because
perforated all over. But
if he can get commercial
produc. on this, will
drill another well on
base.

All reports due will be
in mail today -

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator AAA Fishing Tool Co., Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo E #2
 Location 1980' fnl 1980' fe1
 Sec. 9 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo

5. Field or Pool Name East Boundary Butte

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

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

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

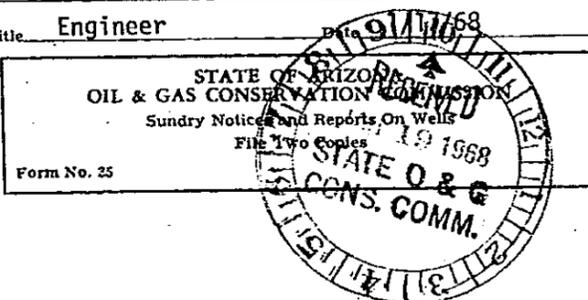
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

12/12/67 Ran 158 jts. 2 3/8" O.D., 4.7# J-55, 8R EUE tbg. set at 4914' - swab well.
 12/13/67 Swab well 10 hrs. - swabbing est. 2 bbls./hr. Released Drake.
 12/14/67
 to
 12/27/67 Shut in because of snow storm.
 12/28/67 Moved in Drake Well Service - swab well - fluid level at 1700' - well kicked off - flowing to tank.
 12/29/67 Swab well - flowing to tank, released rig.
 1/3/67 Install free piston in well - flowing well 15 min. four times per day. Well making 7 1/2" B.O.P.D.

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

Signed J. H. Buzan Title Engineer

Permit No. 444



SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator AAA Fishing Tool Co., Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo E #2
 Location 1980' fnl 1980' fel
 Sec. 9 Twp. 41N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo

5. Field or Pool Name East Boundary Butte

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

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

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

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

12/9/67 Welex perf. 2 jets per ft. 4508'-12, 4456'-62, 4368'-72 and 4286'-96. Ran Baker retrievable bridge plug and Brown packer. Set bridge plug at 4520' and packer at 4485'. Acidized zone 4508'-12 with 250 gal. 15% HCl. I.R. 4 1/2 B/M. Max. treating press. 1000 psi. Ave. 700 psi. Swab back acid-show of oil. Reset bridge plug at 4470' with packer at 4428'. Treated perf. 4456'-62 with 250 gal. HCl. I.R. 5 B/M. Ave. and Max. treating press. 1200 psi. Went on vac. after treatment, reset bridge plug at 4397' with packer at 4335', treated perf. 4368'-72' with 250 gal. HCl. I.R. 4 B/M. Ave. and Max. treating press. 1600 psi. Reset bridge plug at 4304' with packer at 4276' - treating perf. 4286'-96' with 1000 gal. HCl. I.R. 4 B/M. Ave. and Max. treating press. 1500 psi. Swab well - shut in over night.

12/10/67 Zone 4286'-96. tbg. press. 450 psi. - blew well down - swabbed well - making small amount gas. Reset bridge plug 4470' with packer at 4428'. Swab zone 4456'-62' - swabbing est. 1 bbl./hr.

12/11/67 Zone 4456'-62 shut in over night. Tbg. press. 350 psi. Swab 4 bbls. oil - reacidized zone 4456'-62' with 1500 gal. B.D.A. Max. treating press. 1750 psi. Ave. 900 psi. Immediate shut in 350 psi., 10 min. shut in 50 psi. Ave. I.R. 3 3/4 B/M - swab back acid water, pulled bridge plug and packer.

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

Signed J. H. Nguyen Title Engineer Date 1/17/68

Permit No. 444

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

RECEIVED
 JAN 18 1968
 STATE O & G
 CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator AAA Fishing Tool Co., Inc.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo E #2
 Location 1980' fnl 1980' fel
 Sec 9 Twp 41N Rge 28E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo

5. Field or Pool Name East Boundary Butte

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

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

(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.)

- 11/30/67 Move in Drake Well Service Rig and install blowout preventor.
- 12/1/67 Drilled cement in surface and cleaned out to 750'.
- 12/2/67 Drilled cement 4450' to 4550' - drilling on bridge plug.
- 12/3/67 Drilled B.P. - drilled cement 4770' to 4888'.
- 12/4/67 Drilled cement to 4936' RKB - pulled bit, ran casing scraper to T.D.
- 12/5/67 Ran Schlumberger Gamma Ray Correlation log. Perf. 2 jets per ft. - 4890'-4900'. Ran Brown packer. Halliburton acidized 4890'-4900' with 500 gal. 15% HCl. Max. treating press. 2500 psi. I.R. 3 B/W.
- 12/6/67 Swab zone 4890'-4900' - swab dry. Dowell acidized 4890'-4900' with 1000 gal. 15% HCl. Ave. treating press. 1600 psi. Max. 1700 psi.
- 12/7/67 Swab well - pulled swab line in two - pulled tbq. to recover swab. Re-ran tbq. and set packer.
- 12/8/67 Swab well - swab some new oil, est. 1 bbl. per day. Pulled tbq. and packer.

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

Signed J. H. Duggan Title Engineer Date 1/17/68

Permit No. 444

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Three Copies JAN 19 1968
 Form No. 25
 STATE O & G
 CONS. COMM.

Telephone 1-2-68

AAA Dishing Tool

Shut down weather. Up flowing
10-15 BOPD. Making approx 500,000 cfspd.
Plan to rig piston lift so as to lift oil
with the gas.

#

AAA

Dec. 8, 1967

Telephone/Jim Jacobs.-----doing work for AAA.....Farmington

Have perforated 4890-4900. Swabbing. Wanted permission to dually complete in this zone (Upper Hermosa) and 4285-4300 (Both of these zones are limestone Hermosa zones.).....permission granted. (Told him to double-check on paper work needed here.)

6001
1967



PERMIT TO ~~DRILL~~ RE-ENTER

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: AAA FISHING TO CO., INC.
(OPERATOR)

to drill a well to be known as

AAA FISHING TOOL #E-2(Humble) Navajo
(WELL NAME)

located 1980' FNL and FEL (SW/4 NE/4)

Section 9 Township 41N Range 28E, Apache County, Arizona.

The S/2 NE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 14th day of December, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By

John Bannister
EXECUTIVE SECRETARY

PERMIT No 444

RECEIPT NO. 9531

API # 02-001-20067

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

"Forms-When to File" Attached.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR
AAA Fishing Tool Co., Inc.
 Box 1281, Farmington ~~87401~~ New Mexico 87401

Drilling Contractor
J. A. Drake Well Servicing Co.
 1408 Camino Monte, Farmington, New Mexico 87401

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo 14-20-0603-579	Well number E 2	Elevation (ground) 5527
Nearest distance from proposed location to property or lease line: 1980 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: -- feet	
Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: one	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address

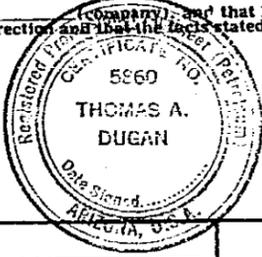
Well location (give footage from section lines) 1980 fnl 1980 fel	Section—township—range or block and survey 9 T41N R28E	Dedication (Comply with Rule 105) S/2 NE/4
Field and reservoir (if wildcat, so state) East Boundry Butte	County Apache	

Distance, in miles, and direction from nearest town or post office
One mile east Red Mesa

Proposed depth: 4950	Rotary or cable tools Rotary	Approx. date work will start 11-30-67
Bond Status Single Well	Organization Report	Filing Fee of \$25.00
Amount \$5000.00	On file Or attached <input checked="" type="checkbox"/>	Attached <input checked="" type="checkbox"/>

Remarks:
Re-enter Humble Navajo E #2
See # 65 for Survey plat

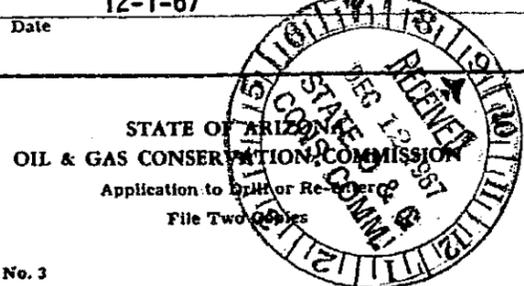
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Engineer** of the **AAA Fishing Tool Co., Inc.** and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.



Signature: *Thomas A. Dugan*
 Date: **12-1-67**

Permit Number: **441**
 Approval Date: **12-12-67**
 Approved By: *John K. Kinnester*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.



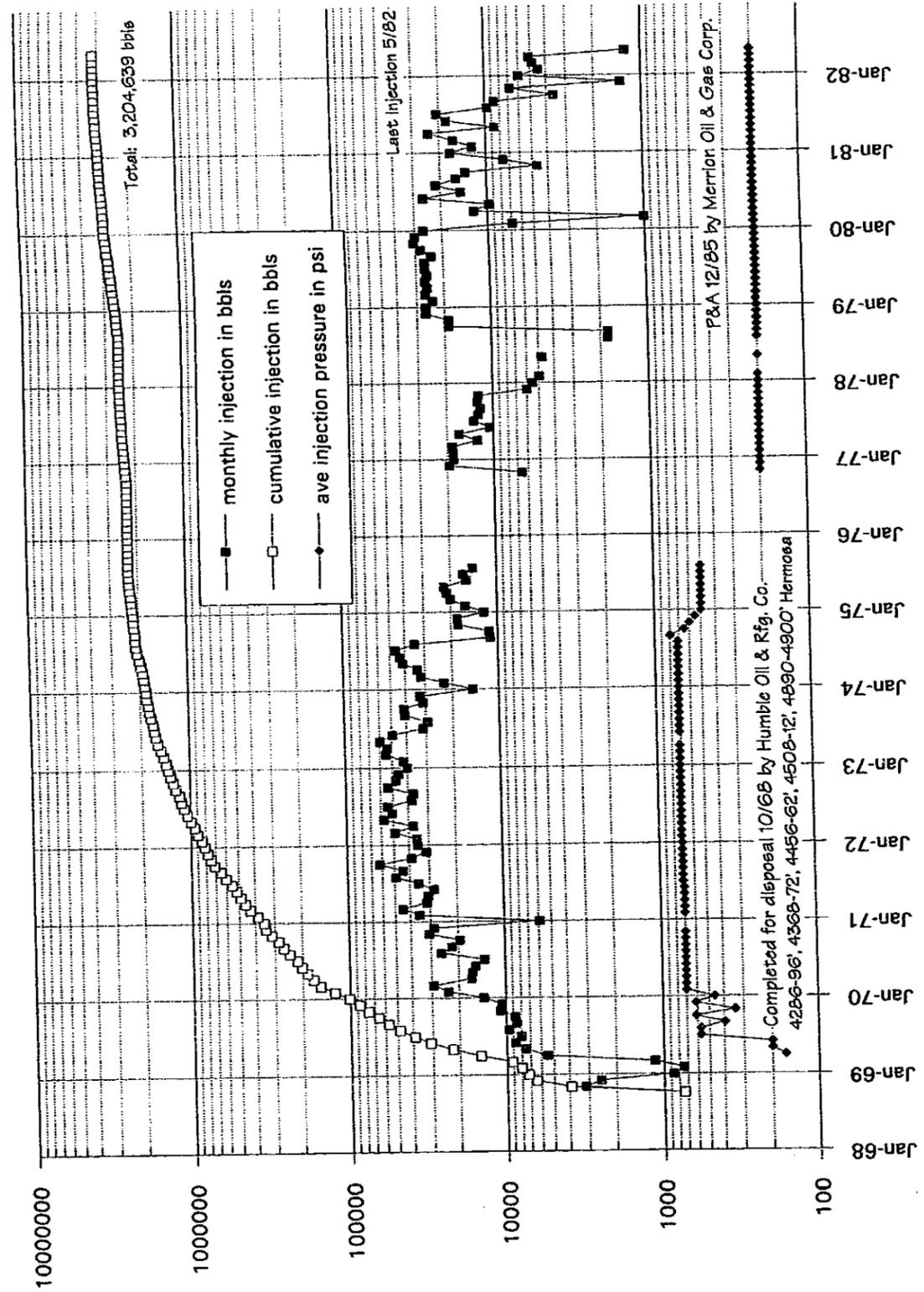
- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner AAA Fishing Tool Co., Inc.	Land Description S/2 NE/4
CERTIFICATION	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 50%; border-left: 1px solid black; padding-left: 5px;"> <p style="margin: 0;"><i>Thomas A. Dugan</i></p> <p>Name Thomas A. Dugan</p> <p>Position Engineer</p> <p>Company AAA Fishing Tool Co. Inc.</p> <p>Date 12-1-67</p> </div> </div>	
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
<p style="margin: 0;">Surveyed by Humble</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor</p>	
Certificate No. _____	

~~XXXXXXXX~~ CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
7"	23	J-55	Surface	4950	Top cement 3570 Temp. Survey	250 sx
Pipe run by Humble 11-17-58						

WATER DISPOSAL AT 2 NAVAJO-E (444), EAST BOUNDARY BUTTE FIELD, ARIZONA: 10/68 -- 5/82
 sw ne 9-41n-28e, Apache County



MONTHLY WATER DISPOSAL AT 2 NAVAJO-E (444), EAST BOUNDARY BUTTE FIELD, ARIZONA
(per SLR audit of producer's monthly injection reports 10/68 - 5/82)

date	inj bbls	ave psi	cum bbls	comments
Jan-68				
Feb-68				
Mar-68				
Apr-68				
May-68				
Jun-68				Humble Oil & Rfg. Company
Jul-68				#2 Navajo-E (permit 444)
Aug-68				
Sep-68				
Oct-68	738		738	1st injection 10/2/68
Nov-68	3150		3888	4286-96', 4368-72', 4456-62', 4508-12', and
Dec-68	2492		6380	4890-4900'
Jan-69	862		7242	Pennsylvanian Hermosa Fm.
Feb-69	745		7987	
Mar-69	1132		9119	
Apr-69	5473	165	14592	
May-69	7550	200	22142	
Jun-69	8683	200	30825	
Jul-69	7989	570	38814	
Aug-69	9580	570	48394	
Sep-69	8500	395	56894	
Oct-69	8722	610	65616	
Nov-69	10820	340	76436	
Dec-69	10559	610	86995	
Jan-70	13753	460	100748	
Feb-70	23442	700	124190	add AAA Fishing Tool Co. lease wtr
Mar-70	28986	700	153176	
Apr-70	16456	700	169632	
May-70	16260	700	185892	
Jun-70	15385	700	201277	
Jul-70	13483	700	214760	
Aug-70	25791	700	240551	Merrion & Bayless purchases property
Sep-70	21966	700	262517	
Oct-70	19434	700	281951	
Nov-70	30564	700	312515	
Dec-70	28334		340849	
Jan-71	5924		346773	
Feb-71	34995	700	381768	
Mar-71	44709	700	426477	
Apr-71	31321	700	457798	
May-71	30617	700	488415	
Jun-71	28056	700	516471	
Jul-71	35118	710	551589	
Aug-71	49030	710	600619	
Sep-71	44118	710	644737	
Oct-71	62018	710	706755	
Nov-71	38811	710	745566	

MONTHLY WATER DISPOSAL AT 2 NAVAJO-E (444), EAST BOUNDARY BUTTE FIELD, ARIZONA
(per SLR audit of producer's monthly injection reports 10/68 -- 5/82)

date	inj bbls	ave psi	cum bbls	comments
Dec-71	31052	710	776618	
Jan-72	34912	710	811530	
Feb-72	35624	715	847154	
Mar-72	48939	715	896093	
Apr-72	37259	715	933352	
May-72	57337	715	990689	
Jun-72	50841	715	1041530	
Jul-72	54195	715	1095725	
Aug-72	37913	715	1133638	
Sep-72	36896	715	1170534	
Oct-72	53806	715	1224340	
Nov-72	47553	715	1271893	
Dec-72	45581	715	1317474	
Jan-73	40186	715	1357660	
Feb-73	42214	715	1399874	
Mar-73	54676	715	1454550	
Apr-73	53511	715	1508061	
May-73	59552		1567613	
Jun-73	49560	715	1617173	
Jul-73	31330	715	1648503	
Aug-73	29045	715	1677548	
Sep-73	40586	715	1718134	
Oct-73	41427	715	1759561	
Nov-73	31059	715	1790620	
Dec-73	32423	715	1823043	
Jan-74	14742	715	1837785	
Feb-74	22561	715	1860346	
Mar-74	31576	715	1891922	
Apr-74	33282	715	1925204	
May-74	41176	715	1966380	
Jun-74	43096	715	2009476	
Jul-74	46095	715	2055571	
Aug-74	34543	715	2090114	AAA Fishing Tool lease abandoned
Sep-74	11087	800	2161201	
Oct-74	11261	650	2112462	
Nov-74	17948	600	2130410	
Dec-74	18140	550	2148550	
Jan-75	12090	500	2160640	
Feb-75	16059	500	2176699	
Mar-75	20015	500	2196714	
Apr-75	21213	500	2217927	
May-75	21920	500	2239847	
Jun-75	15642	500	2255489	
Jul-75	16386	500	2271875	
Aug-75	14132	500	2286007	
Sep-75			2286007	
Oct-75			2286007	

MONTHLY WATER DISPOSAL AT 2 NAVAJO-E (444), EAST BOUNDARY BUTTE FIELD, ARIZONA
(per SLR audit of producer's monthly injection reports 10/68 -- 5/82)

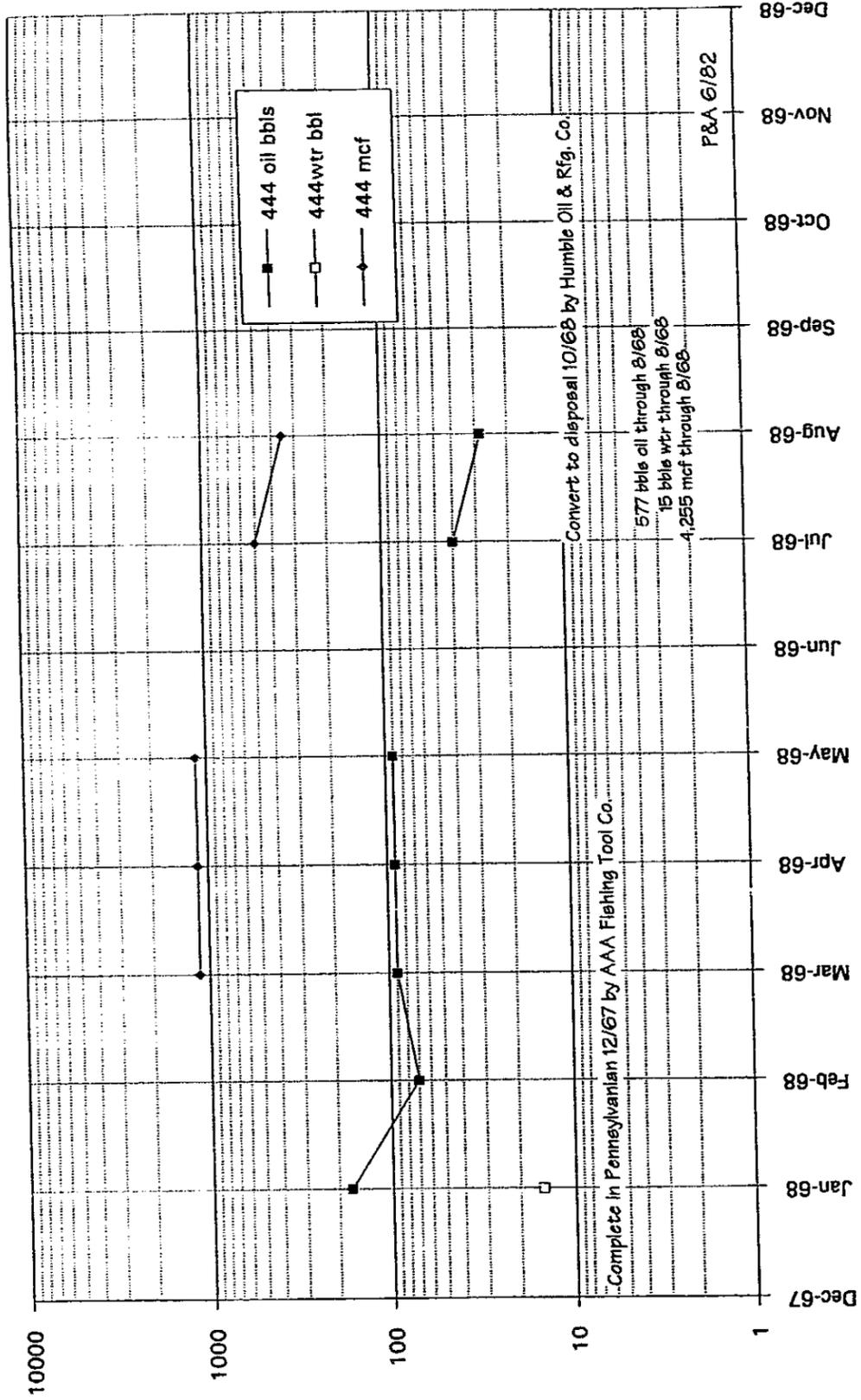
date	inj bbls	ave psi	cum bbls	comments
Nov-75			2286007	
Dec-75			2286007	
Jan-76			2286007	
Feb-76			2286007	
Mar-76			2286007	
Apr-76			2286007	
May-76			2286007	
Jun-76			2286007	
Jul-76			2286007	
Aug-76			2286007	
Sep-76			2286007	
Oct-76			2286007	
Nov-76	6554	200	2292561	
Dec-76	19453	200	2312014	
Jan-77	18056	200	2330070	
Feb-77	18171	200	2348241	
Mar-77	18467	200	2366708	
Apr-77	12666	200	2379374	
May-77	16620	200	2395994	
Jun-77	10465	200	2406459	
Jul-77	13250	200	2419709	
Aug-77	12447	200	2432156	
Sep-77	12054	200	2444210	
Oct-77	12584	200	2456794	
Nov-77	12362	200	2469156	
Dec-77	6012	200	2475168	
Jan-78	5498	200	2480666	
Feb-78	4956	200	2485622	
Mar-78			2485622	
Apr-78			2485622	
May-78	4779	200	2490401	
Jun-78			2490401	
Jul-78			2490401	
Aug-78	1800	200	2492201	
Sep-78	1800	200	2494001	
Oct-78	18942	200	2512943	
Nov-78	18942	200	2531885	
Dec-78	26350	200	2558235	
Jan-79	26350	200	2584585	
Feb-79	23800	200	2608385	
Mar-79	26350	200	2634735	
Apr-79	25500	200	2660235	
May-79	26350	200	2686585	
Jun-79	25500	200	2712085	
Jul-79	26350	200	2738435	
Aug-79	26350	200	2764785	
Sep-79	23800	200	2788585	

MONTHLY WATER DISPOSAL AT 2 NAVAJO-E (444), EAST BOUNDARY BUTTE FIELD, ARIZONA
(per SLR audit of producer's monthly injection reports 10/68 -- 5/82)

date	inj bbls	ave psi	cum bbls	comments
Oct-79	27580	200	2816165	
Nov-79	30450	200	2846615	
Dec-79	30000	200	2876615	
Jan-80	26300	200	2902915	
Feb-80	6905	200	2909820	
Mar-80	1000	200	2910820	
Apr-80	12160	200	2922980	
May-80	9690	200	2932670	
Jun-80	25870	200	2958540	
Jul-80	14800	200	2973340	
Aug-80	21337	200	2994677	
Sep-80	15820	200	3010497	
Oct-80	13730	200	3024227	
Nov-80	4670	200	3028897	
Dec-80	7720	200	3036617	
Jan-81	17070	200	3053687	
Feb-81	12250	200	3065937	
Mar-81	16250	200	3082187	
Apr-81	23443	200	3105630	
May-81	8673	200	3114303	
Jun-81	17993	200	3132296	
Jul-81	20520	200	3152816	
Aug-81	9645	200	3162461	
Sep-81	8724	200	3171185	
Oct-81	3608	200	3174793	
Nov-81	6794	200	3181587	
Dec-81	1348	200	3182935	
Jan-82	6010	200	3188945	
Feb-82	4460	200	3193405	
Mar-82	4850	200	3198255	
Apr-82	5134	200	3203389	
May-82	1250	200	3204639	final report -- well shut-in
Jun-82				
Jul-82				replaced by injection into permit 515 Feb '83
Aug-82				
Sep-82				well p&a 12/6/85
Oct-82				
Nov-82				
date	inj bbls	ave psi	cum bbls	comments

MONTHLY PRODUCTION AT 2 NAVAJO-E (444), ARIZONA: JAN 1968 - AUG 1968

sw ne 9-41n-28e, East Boundary Butte Field, Apache County



Complete in Pennsylvania 12/67 by AAA Fishing Tool Co.
 Convert to disposal 10/68 by Humble Oil & Rfg. Co.
 577 bbls oil through 8/68
 15 bbls wtr through 8/68
 4,255 mcf through 8/68
 P&A 6/82

FAX 505-326-5900

MERRION OIL & GAS CORPORATION

810 REILLY AVE. • P. O. Box 840
FARMINGTON, NEW MEXICO 87499

PH. 505-327-9801

444

March 13, 1990

**AZ OIL & GAS
CONSERVATION COMMISSION**

MAR 19 1990

State of Arizona
Oil & Gas Conservation Commission
ATTN: Daniel J. Brennan
5150 N. 16th Street, Suite B-141
Phoenix, Arizona 85016

Dear Sir;

Pursuant to your letter of February 15, 1990, I've enclosed copies of BLM forms showing plugging and reclaiming.

Should you need further information, please advise.

Yours Truly,

J. Maurice Johnson
J. Maurice Johnson
Office Manager

JMJ/tvr



P/N 444

Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

February 15, 1990

Mr. Maurice Johnson
Merrion Oil Co.
P. O. Box 840
Farmington, NM 87499

Dear Mr. Johnson:

Enclosed is a copy of our letter of November 7, 1989. As of this date, we have not received a reply.

Please respond with verification of plugging or a plan of action by March 15, 1990.

We are looking forward to hearing from you.

Very truly yours,


Daniel J. Brennan
Executive Director

Enclosure



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

November 7, 1989

Maurice Johnson
Merrion Oil Co.
P. O. Box 840
Farmington, NM 87499

Dear Mr. Johnson:

In reviewing our files to check our compliance with state law and EPA requirements we have noticed that we do not have a plugging report for one of your old salt water disposal wells.

The well is the old Merrion and Bayless (Humble, AAA Fishing Tools) No. 2 Navajo "E" located in SW NE Sec. 9, T41N. R28E. I am enclosing a copy of the last paperwork we have on this well.

Has it been plugged as was planned on the report? If it has, please send us a copy of the plugging report. The USGS and BLM don't send us copies of reports they receive.

This well is still listed as a liability on your bond and if it has been plugged we should cross it off the list.

Thank you for your attention.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Dan Brennan", written over a horizontal line.

Daniel J. Brennan
Executive Director

Encl.

MERRION OIL & GAS CORPORATION

610 REILLY AVE. • P. O. Box 840
FARMINGTON, NEW MEXICO 87499

RECEIVED PH. 505-327-9801

NOV 24 1986

O & G CONS. COMM.

November 20, 1986

Arizona Oil & Gas Conservation Commission
3110 N. 19th Avenue, Suite 190
Phoenix, Arizona 85007

Attention: Rudy Ybarra

Re: Well Status
East Boundary Butte
Apache Co., Arizona

Dear Mr. Ybarra:

Enclosed please find the "Notice of Intent to" and "Subsequent Report of" sundry notices for the plugging and abandonment of the Navajo 23-11 and the Navajo 2-11. Both wells are located in Section 11, T41N, R28E in Apache Co., Arizona.

The following is a list of the status of the wells which Merrion Oil and Gas operates in the East Boundary Butte Field, Apache Co., Arizona:

LEASE	WELL NAME	STATUS
14-20-603-226	Navajo No. 2 22 ✓	SI Gas Well
	Navajo No. 2-13 481	P & A
	Navajo No. 3-3 514	SI
	Navajo No. 3-11 520	SI
14-20-603-227	Navajo No. 2-11 518	P & A
	Navajo No. 23-11 67 ✓	P & A
14-20-603-412	Navajo No. E-1 55 ✓	P & A
14-20-603-413	Navajo No. 128 ✓	Pumping Oil Well
	Navajo No. 3 515 ✓	Salt Water Disposal

also 2 Navajo

If you need any additional information, please advise.

Respectfully yours,

MERRION OIL & GAS CORPORATION

T. Gregory Merrion

T. Gregory Merrion, Production Engineer

TGM/am

Enc.

August 1, 1980

J. Gregory Merrion
Merrion & Bayless
P.O. Box 507
Farmington, New Mexico 87401

Re: Navajo 3-11, Permit No. 490
NE SW 3-41N-28E, Apache County

Dear Mr. Merrion:

On October 9, 1979, we approved your application to convert the above captioned well into a salt water disposal well. In your letter to us October 12, you stated your intent to abandon the E-2 well if conversion of the 3-11 was successful. Please advise the status of the Navajo 3-11, since your monthly injection report indicates the Navajo E-2 is still being used as an injection well.

Also, we will need a sundry report of all work performed in the attempted conversion of the 3-11 well. This information is needed to bring these wells in compliance with state rules and regulations.

Our attention was focused on these wells by the State Water Board. As you are no doubt aware, the Environmental Protection Agency is required by the Safe Drinking Water Act to develop minimum requirements for state programs to protect underground drinking water sources from endangerment by the placement of fluids through well injection. The State Water Resources Board is in the process of promulgating criteria that will be acceptable to the E.P.A. As a result of this, our records are being checked on all injection wells and the findings from this investigation will be used to establish and implement the state injection control program.

Your cooperation in this matter is requested and will be appreciated.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os

copy

OFF. 326-3093
RES. 327-9094

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 807
FARMINGTON, NEW MEXICO 87401

RECEIVED
OCT 15 1979
O & G CONS. COMM.

October 12, 1979

State of Arizona
Oil & Gas Conservation Commission
1645 W. Jefferson St., #420
Phoenix, AZ 85007

ATTENTION: Mr. Don Whittaker, Director
Enforcement Section

Dear Mr. Whittaker:

Thank you for your approval of our Application for Salt Water Disposal at
our Navajo #3-11 well.

Assuming this work is successful, we will plug and abandon the E-2 well
which is currently being used for disposal.

-PN 490
-PN 474
↓
PN 65

Yours very truly,

MERRION & BAYLESS

By *J. Gregory Merrion*
J. GREGORY MERRION

JGH/eh

255-

October 9, 1979

J. Gregory Merrion
P.O. Box 507
Farmington, New Mexico 87401

Re: Navajo 3-11
NE SW sec. 3-T. 41 N.-R. 28 E.
Apache County
Permit No. 490

Dear Mr. Merrion:

Please find enclosed an approved copy of your application to convert the above captioned well into a salt water disposal well. This is contingent upon the approval of the U.S. Geological Survey.

After the work has been completed it will be necessary to file a recompletion report and packer setting report, forms enclosed.

Please advise what you intend to do with the E-2 well you are now using as a disposal well.

PN444

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os
Enc.



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

November 7, 1974

Mr. Gordon Woods
Woods Insurance Company
115 East Main Street
Farmington, New Mexico 87401

Dear Mr. Woods:

Merrion & Bayless have furnished this Commission with a blanket bond, No. 010130-972-74 in the amount of \$25,000 which covers their oil and gas operations within the State of Arizona. Mr. Merrion has requested that this Commission authorize the cancellation of the four \$5,000 single well bonds that had previously covered their operations within the state.

This letter is your authority to cancel the above mentioned single well bonds, copies of which are enclosed.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

cc Merrion & Bayless

Encs.

444

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. _____

That we: Robert L. Bayless and J. Gregory Merrion

of the County of San Juan in the State of New Mexico

as principal, and United States Fidelity and Guaranty Company

of Baltimore, Maryland

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five thousand and No/100 (\$5,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

#E-2 Humble Navajo - SW 1/4 NE 1/4 Section 9-Twp. 41 N., R. 28 E., Apache County, Arizona
File No. 444

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filling with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 23rd day of December, 19 70

DATE 11-7-74

CANCELLED

Robert L. Bayless
J. Gregory Merrion
Principal

WITNESS our hands and seals this 23rd day of December, 19 70

UNITED STATES FIDELITY AND GUARANTY COMPANY
Surety

By: Kerwin H. Woods
Surety Attorney-In-Fact

Countersigned: W. W. Pidot
Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, this 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: _____
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Bannister

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
JAN 04 1971
Form No. 2
O & G CONG. COMM.

Permit No. 444

(CERTIFIED COPY)

GENERAL POWER OF ATTORNEY

No. 74300

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

Gordon G. Woods and/or H. C. Dickinson

of the City of Farmington, State of New Mexico, its true and lawful attorney in and for the State of New Mexico

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever either the said Gordon G. Woods or the said H. C. Dickinson

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 4th day of October, A. D. 1961

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed) By E. G. Hundley Vice-President. (Signed) E. W. Buffington Assistant Secretary.

STATE OF MARYLAND, BALTIMORE CITY, DATE as 11-7-74

On this 4th day of October, A. D. 1961, before me personally came E. G. Hundley, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and E. W. Buffington, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said E. G. Hundley and E. W. Buffington were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company. My commission expires the first Monday in May, A. D. 1963.

(Signed) Anne M. O'Brien Notary Public. RECEIVED

STATE OF MARYLAND, BALTIMORE CITY, Ct. JAN 04 1971

I, James F. Carney, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Anne M. O'Brien, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 4th day of October, A. D. 1961

(Signed) James F. Carney Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

That Whereas, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, be it Resolved, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **David L. Royer**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to

Gordon G. Woods and/or H. C. Dickinson

of **Farmington, New Mexico**, authorizing and empowering **them** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on **December 23, 1970**
(Date)


Assistant Secretary.

OFF. 328-0181
RES. 327-9094

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. BOX 807
FARMINGTON, NEW MEXICO 87401

October 31, 1974

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

ATTENTION: Mr. J. E. Allen
Director

Re: Blanket Arizona Bond

Dear Bill:

Enclosed please find original and one copy of a statewide bond covering all of our wells in Arizona.

We would appreciate your advising USFAS through their agent, Woods Insurance Company, 115 East Main Street, Farmington, New Mexico, of the release of our existing one well bonds.

Yours very truly,

MERRION ~~SAYLESS~~

J. Gregory Merrion
J. GREGORY MERRION

JGM/su

Enclosures: Statewide Bond - 2

RECEIVED

NOV 2 1974

O & G CONS. COMM.

444

WA

ENGINEERING & PRODUCTION SERVICE, Inc.

P. O. BOX 190 PH. 325-1924

FARMINGTON, NEW MEXICO 87401

February 15, 1974

Oil & Gas Conservation Commission
State of Arizona
4514 North 7th Avenue
Phoenix, Arizona 85013

Att: Mr. W. E. Allen

Re: Operations & Reports
Ari-Mex Oil & Exploration, Inc.
Navajo "E" Lease
Apache County, Arizona

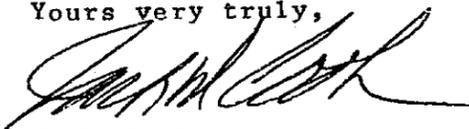
Dear Mr. Allen:

Please be advised that Engineering & Production Service, Inc. is no longer associated with Ari-Mex Oil & Exploration, Inc. in any capacity, effective February 1, 1974. Any matters regarding Ari-Mex's Navajo "E" lease, Apache County, Arizona, should be directed to Mr. I. D. Nightingale, P. O. Box 749, Moab, Utah, 84532. (801) 259-7161

Enclosed please find January monthly reports which will be the final reports filed by Engineering & Production Service, Inc. relative to the Navajo "E" lease.

Should you have any questions concerning this matter, please advise.

Yours very truly,



Jack D. Cook

JDC/ig

444

RECEIVED

FEB 22 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

February 13, 1974

Mr. Ewell N. Walsh, P.E.
Walsh Engineering & Production
P. O. Box 254
Farmington, New Mexico 87401

Dear Red:

We are enclosing the forms that you have requested. Since you are familiar with our rules and regulations, I won't dwell to any great extent on these. Also, we are enclosing a current copy of our rules.

Form 16, Monthly Producers Report, is due to reach this office by the 25th of the month following the month of production. We also accept this form for your reported gas production. Form 20 is not required except on a new producer or on a well that has been workedover and recompleted as a gas well. We do require a semi-annual gas oil ratio test, we are enclosing a supply of these forms.

I talked with Jack Cook this morning and I am assuming that you are going to operate Ari-Mex production in the Boundary Butte area. A good engineer, like yourself, should be able to increase the production on these leases; we hope so--Arizona needs it!

If we can be of any help whatsoever, please let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

444

PETROLEUM ENGINEERING
RESERVOIR STUDIES
EVALUATIONS
GEOLOGICAL STUDIES

EWELL N. WALSH, P.E.
President

**WALSH
ENGINEERING & PRODUCTION
CORPORATION**

EXECUTIVE BLDG. - 413 W. MAIN
P. O. BOX 254
FARMINGTON, NEW MEXICO
87401

LEASE MANAGEMENT
CONTRACT PUMPING
DRILLING SUPERVISION
WORKOVER SUPERVISION

TELEPHONE 325-8203

February 12, 1974

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

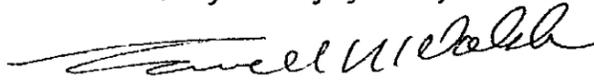
Gentlemen:

Please send me a supply of the following Arizona Oil and Gas Conservation Commission forms, together with pertinent instructions for filing same covering wells in Northeastern Arizona.

- Form 14. Report of Injection Project.
- Form 16. Monthly Producer's Report.
- Form 20. Producer's Report of Gas Production.

Thank you.

Very truly yours,



Ewell N. Walsh, P. E.
President

ENW:lt

RECEIVED
FEB 22 1974
O & G CONS. COMM.

444

ARI-MEX Oil & Exploration, Inc.

P. O. Box 1228
Long Beach, California 90801
Phone (213) 437-4116

September 29, 1972

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

Dear Bill:

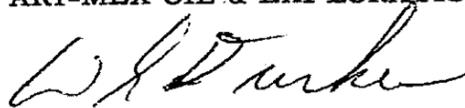
We are enclosing, per our conversation, a copy of the
"Organization Report" filed April 6, 1972.

We are also enclosing a current form, effective Septem-
ber 29, 1972.

It was certainly nice talking with you, and I hope to have
the pleasure of seeing you in the near future.

Sincerely,

ARI-MEX OIL & EXPLORATION, INC.



W. E. Durkee
President

WED:les

Enclosures

RECEIVED

OCT 07 1972

O & G CONS. COMM.

444

September 14, 1972

Mr. Jack D. Cook
Ari-Mex Oil & Exploration, Inc.
P. O. Box 190
Farmington, New Mexico 87401

Re: Water Injection Report, Form 14

Dear Mr. Cook:

We have revised our Water Injection Report (Form 14) and are enclosing a supply of these revised forms for your use. We hope that you will find this form to be somewhat more convenient than the old form.

Very truly yours,

W. E. Alien, Director
Enforcement Section

WEA/rlb

Encs.

444

ENGINEERING & PRODUCTION SERVICE, Inc.

P. O. BOX 190 -- PH. 325-1924
FARMINGTON, NEW MEXICO 87401

May 15, 1972

Oil & Gas Conservation Commission
State of Arizona
4514 North 7th Avenue
Phoenix, Arizona 85013

Att: Mr. W. E. Allen

Re: Monthly reports
Navajo "E" Lease
Apache County, Ariz.

Gentlemen:

Enclosed please find copies of forms #14 and #16
for the month of April pertinent to Ari-Mex Oil and
Exploration's Navajo "E" lease: Sec. 9, T. 41N, R. 28E;
Apache County, Arizona.

Yours very truly,



Jack D. Cook

JDC:sw

Enclosures

444

RECEIVED
MAY 18 1972
O & G CON'S. COM.

104

ENGINEERING & PRODUCTION SERVICE, Inc.

P. O. BOX 190 -- PH. 325-1924
FARMINGTON, NEW MEXICO 87401

April 13. 1972

Oil & Gas Conservation Commission
State of Arizona
4514 North 7th Avenue
Phoenix, Arizona 85013

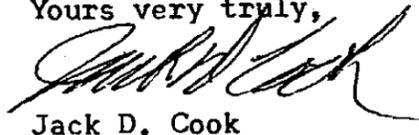
Att: Mr. W. E. Allen

Re: Monthly reports
Navajo "E" Lease
Apache County, Ariz.

Gentlemen:

Enclosed please find copies of forms #14 and #16
for the month of March pertinent to Ari-Mex Oil and
Exploration's Navajo "E" Lease; Sec. 9, t. 41N, R. 28E;
Apache County, Arizona.

Yours very truly,



Jack D. Cook

JDC:sw

Enclosures

104

RECEIVED
APR 17 1972
O & G CONS. COMM.

ENGINEERING & PRODUCTION SERVICE, INC.

P. O. BOX 190 -- PH. 325-1924
FARMINGTON, NEW MEXICO 87401

March 28, 1972

Oil & Gas Conservation Commission
State of Arizona
4514 North 7th Avenue
Phoenix, Arizona 85013

Attn: Mr. W. E. Allen

Re: Monthly reports
Navajo "E" Lease
Apache County, Ariz.

Gentlemen:

Enclosed please find copies of form #14 and #16
for the month of February pertinent to AAA Production
Company's Navajo "E" Lease; Sec. 9, T. 41N, R. 28E;
Apache County, Arizona.

Yours very truly,


Jack D. Cook

JDC:sw

Enclosures

RECEIVED

MAR 30 1972

O & G CONS. COMM.

444

... your firm in providing your monthly reports to the Commission as soon as possible.

... of the fact that...

March 20, 1972
Very truly yours,

Mr. Jack Cook
Engineer Production Service
P. O. Box 190
Farmington, New Mexico 84401

Re: AAA Fishing Tool Company, #E-2 Humble Navajo
SW/NE Section 9-T41N-R28E
Apache County
Our File #444

Dear Mr. Cook:

Since your firm has assumed operations of AAA Fishing Tool Company's wells in Apache County, Arizona; this Commission will require the following forms and reports to be submitted: (1) Organization Report and (2) Designation of Operator.

In addition to the two forms listed above, we will require the various routine reports, ie., Monthly Production Report, Water Injection Report, Gas Oil Ratio Tests and so forth.

Until such time as the new owners of these wells submit a bond acceptable to this Commission covering all wells under the new ownership, the present bond will be retained. For your information each well must be covered by a \$5,000 bond or if you choose, a blanket bond in the amount of \$25,000 to cover all wells may be submitted. For information on bonding, refer to Rule 101 of the Rules and Regulations.

As you are aware both AAA and Merrion and Bayless use the same water injection well. This Commission requires Injection Reports (Form 14) from each operator. I would suggest that you discuss this with Gregg Merrion, as they also report the water you inject and the figures that you submit should be close to the figures Merrion and Bayless indicate that you injected.

Enclosed are the various forms that you will need at the present time. When more forms are needed, please advise. Also enclosed is a copy of the Rules and Regulations.

444

March 20, 1972

Mr. Jack Cook
Engineer Production Service
P. O. Box 190
Farmington, New Mexico 84401

Re: AAA Fishing Tool Company, #E-2 Humble Navajo
SW/NE Section 9-T41N-R28E
Apache County
Our File #444

Dear Mr. Cook:

Since your firm has assumed operations of AAA Fishing Tool Company's wells in Apache County, Arizona; this Commission will require the following forms and reports to be submitted: (1) Organization Report and (2) Designation of Operator.

In addition to the two forms listed above, we will require the various routine reports, ie., Monthly Production Report, Water Injection Report, Gas Oil Ratio Tests and so forth.

Until such time as the new owners of these wells submit a bond acceptable to this Commission covering all wells under the new ownership, the present bond will be retained. For your information each well must be covered by a \$5,000 bond or if you choose, a blanket bond in the amount of \$25,000 to cover all wells may be submitted. For information on bonding, refer to Rule 101 of the Rules and Regulations.

As you are aware both AAA and Merrion and Bayless use the same water injection well. This Commission requires Injection Reports (Form 14) from each operator. I would suggest that you discuss this with Gregg Merrion, as they also report the water you inject and the figures that you submit should be close to the figures Merrion and Bayless indicate that you injected.

Enclosed are the various forms that you will need at the present time. When more forms are needed, please advise. Also enclosed is a copy of the Rules and Regulations.

444

Page 2
Mr. Jack Cook
March 20, 1972

We would appreciate receiving your Monthly Production Report for February as quickly as possible.

If this office can be of any further service, please to not hesitate to let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

444

October 19, 1971

Merrion and Bayless
P. O. Box 1541
Farmington, New Mexico 87401

AAA Fishing Tool Company, Inc.
P. O. Box 1497
Farmington, New Mexico 87401

Re: Water Injection Well- Humble Navajo E-#2
SW/NE Sec. 9-T41N-R-28E
Apache County
Our File #444

Gentlemen:

Attached are copies of your Water Injection Reports for the months of August and September. You will note that for the month of August Merrion and Bayless reported that AAA Fishing Tool Company injected 35,945 barrels of water in the above referenced well, while AAA reports 17,250 barrels of water injected. During September Merrion and Bayless reports AAA injected 28,067 barrels of water, AAA reports 19,200 barrels. There is also a considerable difference in the indicated injection pressure.

This Commission cannot accept reports that have such a wide discrepancy. Please get together on these reports in order to reconcile the differences indicated and submit corrected reports for the months of August and September. These corrected reports should be received within 20 days from the date of this letter.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rfb

Encs.

bcc: AAA-please complete your report indicating your accumulative injected water.

July 26, 1971

Mr. C. E. McClelland
AAA Fishing Tool Company
P. O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Humble Navajo
SW/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #444

Dear Blackie:

Please refer to our letter of June 22, 1971, As yet, we have not received Form 14, Report of Injection Project, concerning the amount of water injected into the above referenced well. It would be appreciated if you would give this matter your immediate attention.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd



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

June 22, 1971

Mr. C. E. McClelland
AAA Fishing Tool Company
P. O. Box 1281
Farmington, New Mexico 87401

Re: Water Injection Reports

Dear Blackie:

Your Monthly Producers Report for the month of May indicates that your wells produced 12,000 barrels of water during this period. Merrion and Bayless's Water Injection Report which has been carrying your injected water indicates that you injected 19,245 barrels of water for this same period. Please advise immediately the reason for this discrepancy; and, if there is an error in your Producers Report, please submit a corrected report.

In the future please file Form 14, Report of Injection Project, with this Commission on a monthly basis. This report is due on or before the 20th of each month. Thank you for your cooperation.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd
Enc.

444

December 28, 1970

Mr. Robert L. Bayless
Merrion and Bayless
P. O. Box 1541
Farmington, New Mexico

Re: (AAA Fishing Tool) #E-2 Humble Navajo
SW/4 NE/4 Section 9-T41N-R28E
Apache County
Our File #444

Dear Mr. Bayless:

Please refer to our letter dated November 24, 1970, pertaining to a bond on the above referenced well.

Until we receive a bond from you in the amount of \$5,000 covering this well, we will be unable to release Humble from their bonding obligations.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd

ROBERT L. BAYLESS

PETROLEUM CLUB PLAZA BUILDING

P. O. BOX 1541

FARMINGTON, NEW MEXICO 87401

WPA

December 14, 1970

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

Gentlemen:

By some mistake we either mailed you all of the copies of the November Report of Injection, or sent the only copy. Would you please return one copy so that we may remit December's report and also complete our files.

Thank you,

MERRION & BAYLESS

James M. Johnson
James M. Johnson
OFFICE MANAGER

JMI/eah

*mailed 12-16-70
A.D.*

444

RECEIVED

DEC 16 1970

O & G CURR 6600

Post Office Box 294
Zip Code 87401

DUGAN PRODUCTION CORP.

THOMAS A. DUGAN, President
709 BLOOMFIELD RD.
FARMINGTON, NEW MEXICO

December 11, 1970

325-0238
TELEPHONE: ~~325-0238~~ Office
325-5894 Home
Area Code 505

M.P.

Mr. W. E. Allen
Director, Enforcement Section
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

We have been receiving correspondence for AAA Fishing Tool Co., Inc. Since we no longer send in their reports, would you please address all future correspondence concerning them to:

AAA Fishing Tool Co., Inc.
P. O. Box 1281
Farmington, New Mexico 87401

Sincerely,

DUGAN PRODUCTION CORP.

Shirley Cox

(Mrs.) Shirley Cox

RECEIVED

DEC 14 1970

O & G CONS. COMM.

444

December 11, 1970

Memo from W. E. Allen, Director
Enforcement Section

Memo to: Globe #E-4 Navajo (597) Globe (AAA #E-3)
NE/4 NW/4 Section 9-T41N-R28E NE/4 NE/4 Section 9-T41N-R28E
Apache County Apache County
Our File #509 Our File #483

AAA #E-1 Navajo (597)
NE/4 NE/4 Section 9-T41N-R28E
Apache County
Our File #511

Call From Blackie McClelland this date. He advised me that one of the offending pits that had been seeping salt water had been emptied and that the other offending pit was in the process of being emptied. He also said that he had submitted Form 25 (mailed 12-10-70) requesting permission to inject produced water into the Humble E-2 Navajo. — 1/4/4

He also requested permission to comingle production from the Globe wells into the AAA well. He was told to submit all the information on these leases and we would consider his request.

Blackie further related that he had received the assignment on the Globe leases from the Navajo Tribe; and, that all the details of transferring these leases to AAA had been cleared. AAA is the total interest holder of these leases.

444
East Boundary Butte

December 5, 1970

MRC E. McLelland
AAA Fishing Pool, Incorporated
Box 234
Farmington, New Mexico 87401

RE: Salt Water Seepage
East Boundary Butte Field

DEAR Blackie:

On December 1, 1970, I had occasion to visit your leases on the East Boundary Butte Field. There are no signs on your batteries. This is in violation of AM Section 27-516 Paragraph A-8, a copy of which is enclosed.

Of a much more serious nature is the seepage occurring from several of the pits you are using to contain produced salt water. Since the tank batteries have no identifying signs, I am unable to point out the offending pits, however, they are easily identified. That is necessary is to drive around the south side of the pits.

The water seeping from these offending pits has traveled several hundred feet from the storage ponds. Stock are much in evidence around these seeps; and, the water is destroying the vegetation.

You are strongly urged to take the necessary measures to inject this produced water into the injection well that you have access to instead of attempting to use these storage ponds. If this is not feasible at this time, we insist that you do whatever is required to the above situation to put a halt to these conditions immediately. See Rule 307 Section A which is enclosed.

444

see pictures in #511

December 8, 1970

Page 2

Mr. E. McClelland

Should you wish to discuss this situation further, feel free
to call me at your convenience.

Very truly yours,

J. G. Allen
Director, Enforcement Section

Enc. 1
enc.

444

November 30, 1970

Mr. Raymond L. Kysar, Jr.
Kysar Insurance and Real Estate
West Main
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Humble Navajo
SW/4 NE/4 Section 9-T41N-R28E
Apache County
Our File #444

Great American Insurance Company
Bond No. 158-50-05

Dear Ray:

Attached are letters from this office indicating that the
above referenced bond was released September 13, 1968.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd
Enc.

November 24, 1970

Mr. Robert L. Bayless
Merrion and Bayless
P. O. Box 1541
Farmington, New Mexico 87401

Re: (AAA Fishing Tool) #E-2 Humble Navajo
SW/4 NE/4 Section 9-T41N-R28E
Apache County
Our File #444

Dear Mr. Bayless:

It has come to our attention that when you supplied the Oil and Gas Conservation Commission with bonds on your acquired wells: the Navajo #1, the Navajo E-1, and the Navajo #3 from Humble Oil and Refining Company that you failed to furnish a bond for the #E-2 Navajo that was also acquired from Humble and is presently being used as a water injection well. Will you please furnish the Commission with an additional bond in the amount of \$5,000 to cover this well.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd

cc: Humble Oil & Refining Company

Enc.

XXXXXXXXXX
XXXXXXXXXXXXXXXXX 4515 N. 7th Avenue
XXXXXXXX 85013

October 7, 1970

Mr. C. E. McClelland
AAA Fishing Tool, Incorporated
Box 234
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Navajo (Humble
SW/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #444 (Injection well)

Globe Minerals (AAA #E-3)
NE/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #483

Globe Minerals #E-4 Navajo
NE/4 NW/4 Sec. 9-T41N-R28E
Apache County
Our File #509

Dear Blackie:

Please refer to my letter of September 14 regarding the above referenced wells. It is imperative that you submit our Form 25 immediately detailing the information we require in order for you to inject water from your E-3 and E-4 wells into the Humble E-2 Navajo.

If you have started injecting produced water from these two wells, it is also necessary for you to submit Form 15, Application to Dispose of Salt Water by Injection into a Porous Formation, on the above referenced wells.

Also, let me know any plans for placing your two recently acquired wells, the Globe Minerals #E-3 and #E-4 under bond immediately. For your information each well will require a \$5,000 bond or you may place your entire Arizona operations under a blanket bond in the amount of \$25,000. Please give this request your immediate attention.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd

444

September 14, 1970

Mr. C. E. McClelland
AAA Fishing Tool, Incorporated
Box 234
Flagstaff, New Mexico 87401

Re: AAA Fishing Tool #E-2 Navajo (Humble)
SW/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #444 (Injection well)

Globe Minerals (AAA #E-3)
NE/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #483

Globe Minerals #E-4 Navajo
NE/4 NW/4 Sec. 9-T41N-R28E
Apache County
Our File #509

Globe Minerals #1 Navajo 10022
SE/4 SE/4 Sec. 5-T41N-R28E
Apache County
Our File #508

Dear Blackie:

Please refer to John Bannister's letter dated August 10, 1970, pertaining to your request to inject produced water from your #E-4 and #E-3 into the Humble #E-2 Navajo. As of this date we have not received the Form 25 on the subject wells detailing the information required for the tie-in for injection purposes.

We need to know your plans for bonding the two wells you have recently acquired from Globe. As you well know, we cannot release Globe's bonds without first receiving your bond on these two wells.

In your conversation with Mr. Bannister and also with me at a later date, you indicated that you planned to re-enter the Globe #1

September 14, 1970
Page 2
Mr. C. E. McClelland

Navajo. It will be necessary for you to submit a new application for a permit to re-enter this well together with your check in the amount of \$25 before you start any re-completion work on this well.

Kindest personal regards,

W. E. Allen
Director, Enforcement Section

WEA:jd

444

August 10, 1970

Mr. C. E. McClelland
AAA Fishing Tool, Incorporated
Box 234
Farmington, New Mexico 87401

Re: Globe #E-4 Navajo (507)
NE/4 NW/4 Sec.9-T41N-R28E
Apache County
Our File #509

Globe (AAA #E-3) Navajo
NE/4 NE/4 Sec.9-T41N-R28E
Apache County
Our File #483

Globe #1 Navajo 10022
SE/4 SE/4 Sec.5-T41N-R28E
Apache County
Our File #508

AAA Fishing Tool #E-2 Humble Navajo
SW/4 NE/4 Sec.9-T41N-R28E
Apache County
Our File #444

Dear Mr. McClelland:

You advised the Commission by telephone this date that you are acquiring Globe's interest in the Globe #E-4 Navajo, Permit 509, and Globe (AAA #E-3) Navajo, Permit #483. You, of course, must place these wells under your bond immediately or else the Globe bonds currently on file with us must remain in effect.

In addition, you have notified this Commission that you intend to make application to re-enter Globe #1 Navajo 10022, Permit #508. This, of course, will be considered an entirely new permit and we must have an Application to Re-Enter, a check for \$25, a plat of the location, and a bond covering this operation.

Page 2
Mr. C. E. McClelland
August 10, 1979

Upon receipt of our Form 25 advising the tie-in to the injection system of the Humble (AAA Fishing Tool #E-2) Navajo, Permit #444, approval will be forwarded to you.

Should you have any questions concerning our actions, please advise.

Sincerely,

John Bannister
Executive Secretary

JB:jd
Enc.

cc: Globe Minerals

444

August 10, 1970

Memo from John Bannister

Memo to: AAA Fishing Tool #E-2 Navajo (Humble)
SW/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #444 (Injection Well)

Globe Minerals (AAA #E-3)
NE/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #483

Globe Minerals #E-4 Navajo
NE/4 NW/4 Sec. 9-T41N-R28E
Apache County
Our File #509

AAA Fishing Tool #E-1 Navajo 597
NW/4 NE/4 Sec. 9-T41N-R28E
Apache County
Our File #511

Globe Minerals #1 Navajo 10022
SE/4 SE/4 Sec. 5-T41N-R28E
Apache County
Our File #508

Blackie McClelland telephoned this date requesting permission to inject water from #483, 509, and 511, into the Humble #E-2, Permit #444. Approximately 400 barrels per day is being injected currently and he anticipates approximately 600 to 700 additional barrels will be involved. The Commission Order of July 10, 1968, permits a maximum of 1,000 barrels per day estimated; however, inasmuch as the Commission's figure is based upon an estimate, this amount would not be objectionable. The maximum amount of water that could be put in this formation is desirable.

Mr. McClelland was instructed to send in a Form 25 on the two wells, #483 and #509, which will be tied in for injection purposes.

In addition, he advised he desires to re-enter the Globe #1 Navajo, #508 and requested that Applications to permit same be ~~sent~~ sent to him.

January 16, 1970

Mr. C. E. McClelland
AAA Fishing Tool, Incorporated
Box 234
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Humble Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County
Permit #444

Dear Mr. McClelland:

This letter constitutes authority from this
Commission to commence injecting water into
the captioned well as of this date.

Sincerely,

John Bannister
Executive Secretary

jd
cc: Mr. J. Roy Donrough, Humble Oil & Refining Co.

November 8, 1968

Mr. J. R. Dorrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: AAA Fishing Tool #E2 Humble Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444

Dear Mr. Dorrough:

A review of the file pertaining to the captioned well indicates that a "Well Completion or Recom-
pletion Report" is needed. We enclose our form
#4 for your convenience. Please complete this
form fully and return it to this office.

Yours truly,

James A. Lambert
Administrative Assistant

ji

Enclosure

444

October 29, 1968

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

Re: Humble #4-88 Navajo
T36N, R29E, G & SRM
Sec. 25: SE/4 NW/4
Apache County, Arizona
Permit #447

AAA Fishing Tool #E2 Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444

Dear Mr. Walsh:

Enclosed are the "Sundry Notices and Reports On Wells" pertaining to the captioned wells. Take note each indicates the date water first injected into these salt water disposal wells.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf
Enclosures

444



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

DENVER DISTRICT

July 17, 1968

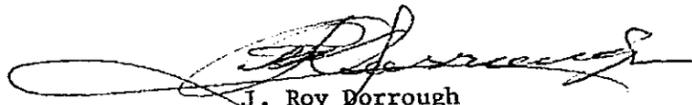
POST OFFICE BOX 120

Mr. John Bannister
Oil and Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Dear Sir:

Attached are copies of such water analyses as we have from producing formations in the vicinity of the East Boundary Butte Field, Apache County, Arizona, which you requested.

Very truly yours,



J. Roy Dorrough

JRD:mg
Attachments



444

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 158 50 05

That we: A.A.A. Fishing Tool Co., Inc., Box 1281, Farmington, New Mexico

of the County of San Juan in the State of New Mexico

as principal, and Great American Insurance Company

of New York, New York AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND AND NO/100----- lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

T 41 N., R - 28E G&S. R.M. Section 9 (May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 1st day of December, 19 67

A.A.A. Fishing Tool Co., Inc.

Irvin D. Nightingale Principal Sec-Treas.

WITNESS our hands and seals this 1st day of December, 19 67

Great American Insurance Company

Raymond L. Kysar, Jr. Surety Attorney - In - Fact

Surety, Resident Arizona Agent If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: 12-15-67 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By: John Gannister

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

Permit No. 444

GREAT AMERICAN INSURANCE COMPANY

The number of persons authorized by this power of attorney is not more than **ONE**

NEW YORK, NEW YORK

No. O -5251

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of New York, does hereby nominate, constitute and appoint the person or persons named below its true and lawful attorney-in-fact or attorneys-in-fact, for it and in its name, place and stead to execute in behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship: provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name	Address	Limit of Power
RAYMOND L. KYSAR, JR.	FARMINGTON, NEW MEXICO	\$500,000.

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this **13** day of **September** 19 **65**



Attest:

William G. Fettis, Jr.
Secretary

GREAT AMERICAN INSURANCE COMPANY

W. R. Morpeth, Jr.
Vice President

STATE OF NEW YORK, COUNTY OF NEW YORK - ss:

On this **13th** day of **September** 19 **65**, before me personally appeared W. R. MORPETH, JR., to me known, being duly sworn, deposes and says that he resided in the County of Essex, State of New Jersey, that he is a Vice President of the Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal: that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



Julie Parveth

NOTARY PUBLIC, STATE OF NEW YORK
NO. 60-8273850 WESTCHESTER COUNTY
CERT. FILED IN NEW YORK COUNTY
COMMISSION EXPIRES MARCH 30, 1966

This Power of Attorney is granted under and by authority of Article IV of the By-Laws of the Company, extracts of which read as follows:

ARTICLE IV.

Officers: Powers and Duties.

Section 4....The President...shall also have power and authority, from time to time, to appoint and fix the compensation of one or more attorneys-in-fact, to prescribe their respective duties and the respective limits of their authority and to revoke any such appointment, at any time, in his discretion.

Section 5....the several Vice Presidents...shall act, in the order of their appointment, in the place of the President exercising all his powers and performing his duties, during his absence or disability.

This Power of Attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of the Great American Insurance Company at a meeting duly called and held on the 5th day of May, 1965.

RESOLVED, that the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney and revocation of any power of attorney or certificate of either given for the execution of any bond, undertaking, or contract of suretyship, such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, WILLIAM G. FETTIS, JR., Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney, the above quoted abstracts of Sections 4 and 5 of Article IV of the By-Laws, and the Resolution of the Board of Directors of May 5, 1965, have not been revoked and are now in full force and effect.

Signed and sealed this **1** day of **December** 19 **67**.



444

William G. Fettis, Jr.
Secretary

September 13, 1968

The Great American Insurance Company
The Luhrs Central Building
Phoenix, Arizona 85004

Re: AAA FISHING TOOL #E-2 HUMBLE NAVAJO
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444
Bond #158 50 05

Gentlemen:

Records of this office indicate that on 9-13-68 the AAA Fishing Tool Company, Incorporated, fulfilled its obligation to the State of Arizona as to the requirements pertaining to the captioned well. We authorize termination of the captioned bond effective this date.

Yours truly,

John Bannister
Executive Secretary

JL:jf
cc: AAA Fishing Tool Company

444

 FIREMAN'S
FUND
AMERICAN
INSURANCE COMPANIES

HOUSTON BRANCH OFFICE: 3015 RICHMOND AVENUE, ROOM 200 • HOUSTON, TEXAS 77006 • PHONE: JACKSON 6-2771

MAILING ADDRESS: POST OFFICE BOX 66490

Stanley Spore: BRANCH MANAGER

September 12, 1968

James A. Lambert, Administrative Assistant
Oil and Gas Conservation Commission
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

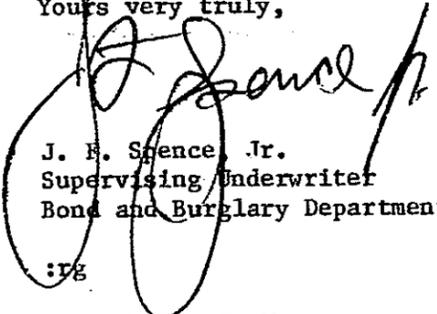
AAA FISHING TOOL NUMBER E-2 HUMBLE NAVAJO T41 N, R28 E
G & SRM SECTION 9: SW/4 NE/4 APACHE COUNTY, ARIZONA
PERMIT NUMBER 444.

Dear Mr. Lambert:

This will confirm that the American Insurance Company
considers the above captioned well to be included under
and covered by bond number 5 10 11 58.

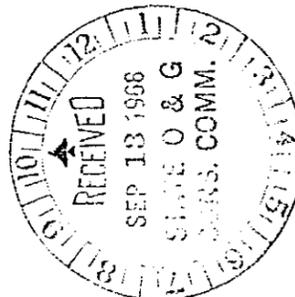
We assume that the above will be sufficient evidence for
you to notify the Great American Insurance Company of
cancellation of their bond covering this well.

Yours very truly,


J. E. Spence, Jr.
Supervising Underwriter
Bond and Burglary Department

:E

cc: Mr. S. E. Key
Humble Oil and Refining Company
2000 Classen Blvd.
Oklahoma City, Oklahoma



444

September 3, 1968

Mr. J. R. Dorrrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: AAA Fishing Tool #E2 Humble Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444

Dear Mr. Dorrrough:

Please have the American Insurance Company advise this office that they are willing to accept the captioned well under their bond Serial No. 5-10-11-58, your blanket bond. —

When we receive their notification of acceptance, we will be in position to notify the Great American Insurance Company of their release as to this well. The Great American Insurance Company is the surety for AAA Fishing Tool Company, Incorporated, principal. *dated 9/12/68*

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf
cc: AAA Fishing Tool Company

444

September 3, 1968

Mr. J. Roy Dorrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: AAA Fishing Tool #E2
Humble Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444

Dear Mr. Dorrough:

Enclosed is Sundry Notice Form dated August 20 approved by this office. Please furnish our form No. 4, Well Completion Report, when this procedure has been accomplished.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf
Enc.



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

PRODUCTION DEPARTMENT
DENVER DISTRICT
J. R. DORROUGH
SUPERINTENDENT

August 30, 1968

POST OFFICE BOX 120
TELEPHONE 534-1251

Oil and Gas Conservation Commission
1624 W. Adams, Room 602
Phoenix, Arizona

Attn: Mr. John Bannister

Gentlemen:

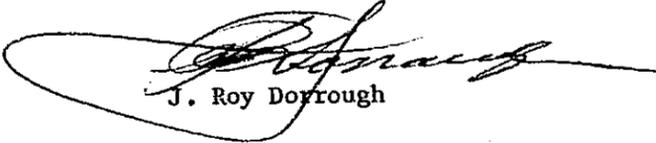
On August 20 we submitted sundry notice for approval to convert Well No. E-2 in the SW NE of Section 9-41N-28E, East Boundary Butte Field, Apache County, Arizona, to a salt water disposal well.

Attached are copies of the following instruments:

1. Assignment agreement whereby Humble Oil & Refining Company acquires ownership and future responsibility for the subject well.
2. Application to the Bureau of Indian Affairs dated July 5, 1968, for approval of right-of-way, easement, and injection rights pertaining to this project.
3. Approval letters signed by the Chairman of the Navajo Tribal Council and the Area Director of the Bureau of Indian Affairs.

You should now be able to approve our sundry notices as requested.

Very truly yours,


J. Roy Dorrough

JRD:mg

444



444

MEMORANDUM OF AGREEMENT

THIS AGREEMENT by and between AAA Fishing Tool Company, a corporation with an address at P. O. Box 1281, Farmington, New Mexico, hereinafter called "AAA" and Humble Oil & Refining Company, a corporation with an address at P. O. Box 120, Denver, Colorado, hereinafter called "HUMBLE",

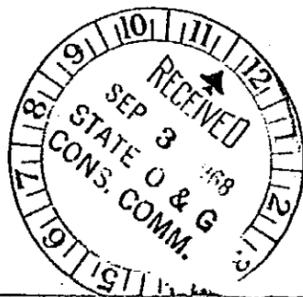
WHEREIN IT IS MUTUALLY AGREED AS FOLLOWS:

1. Subject to the obtaining of the appropriate and requisite approvals by landowners and public authorities, AAA hereby sells and assigns unto HUMBLE for water injection and disposal that certain well, with all of AAA's equipment and personal property therein and thereto, known as the Navajo Tribe of Indians "E" No. 2, hereinafter called "SUBJECT WELL", situate at the following location in Apache County, Arizona, to-wit:

1980' FNL & 1980' FEL of Section 9, Township
41 North, Range 28 East, G&SRM.

2. HUMBLE shall have the right and privilege to inject and dispose of water and other substances into the Hermosa formation through the SUBJECT WELL and shall have sufficient surface rights and easements to accomodate HUMBLE's surface equipment, with rights of ingress and egress for such purpose.

3. HUMBLE shall proceed with reasonable diligence to obtain the requisite approvals for the use of the SUBJECT WELL as a disposal well and to determine whether physical conditions and circumstances are such that the SUBJECT WELL can be re-entered ~~and used for disposal~~ without undue or extraordinary difficulty or expense. Promptly after HUMBLE has obtained such approvals and has determined that the SUBJECT WELL may be so



entirely
used without such difficulties, HUMBLE shall pay AAA the sum

of \$7,796.94 plus the sum of 50 cents for each linear foot of useable tubing in the SUBJECT WELL.

4. AAA retains the right, should it so desire, to use the SUBJECT WELL for disposal purposes, to the extent that the SUBJECT WELL has capacity for disposal in the Hermosa zone beyond the capacity required from time to time by HUMBLE. In the event AAA avails itself with the right and privilege to so use the SUBJECT WELL, it shall deliver the water or other substances to be disposed of to the well head at its own cost, risk and expense and shall share with HUMBLE on a prorated basis all of the costs, including depreciation, incurred by HUMBLE in the acquisition, preparation, operation and maintenance of the SUBJECT WELL for disposal.

IN WITNESS WHEREOF, THIS AGREEMENT has been duly executed by the parties as of the 17 day of AUGUST, 1968.

AAA FISHING TOOL COMPANY

By *C. E. McClelland*
President

HUMBLE OIL & REFINING COMPANY

By *J. L. Rogers*
J. L. Rogers, Operations Mgr.
Central Production Division

O. K. as to transaction
O. K. as to Form *215*



444
Denver, Colorado
July 5, 1968

Superintendent
Navajo Area Office
Bureau of Indian Affairs
United States Department of the Interior
Window Rock, Arizona 86515

Dear Sir:

Humble Oil & Refining Company, a corporation with an address at P. O. Box 120, Denver, Colorado 80201 respectfully submits its Application for Right-of-Way and easement across and affecting Navajo Tribal lands and in support of its Application respectfully shows:

1. This Application is made under and pursuant to, and to obtain the benefits of, the applicable laws and regulations, particularly the Act of February 5, 1948 (62 Stat. 17) and 25 CFR 161.

2. There is attached hereto and submitted herewith an original and three copies of the prescribed map showing the Right-of-Way desired.

3. That the Right-of-Way and Easement desired and applied for is thirty feet in width, being fifteen feet on either side of the center line of the survey as shown on the attached map, together with the right and easement to place at the westerly terminus of said right-of-way such surface and well equipment as may be needed or be desirable from time to time in order to accomplish subsurface injection and disposal of waters. Applicant further requests the easement, right and privilege for and during the full term of the grant to use the well known as the AAA Fishing Tool Company, Inc. Navajo "E" No. 2 located:

1930' FEL and 1980' FEL of Section 9, Township
41 North, Range 22 East, G&SRM, Apache County,
Arizona,



Superintendent
July 5, 1968
Page 2

and the personal property and equipment therein and thereon for the purpose of injection and subsurface disposal of waters and substances with the right to dispose of waters and substances into the Hermosa formation through said well. Applicant also hereby requests and applies for rights of ingress and egress to and from said pipeline and injection well and the equipment therein and thereon for the purposes of construction, operation and maintenance of its Salt Water Disposal Facility.

4. The Right-of-Way and easement hereby applied for is asked for the period provided the regulations, 50 years, subject to earlier termination upon discontinuance of the use of the pipeline for the conveying of waters for injection and disposal and subject to renewal upon compliance with the applicable regulations, should the use be continued beyond the stated term.

5. Should the Right-of-Way and easement hereby applied for be approved and should the requisite contractual rights and further approvals by public authorities be obtained by applicant so that water injection may proceed as planned, then applicant stipulates and agrees as follows:

A. That it will construct and maintain the Right-of-Way in a workmanlike manner.

B. That it will pay promptly all damages, in addition to the deposit made pursuant to the regulations, determined by the Superintendent to be due the landowners on account of the construction and maintenance of the Right-of-Way.

C. That it will indemnify the Navajo Indian Tribe and the United States against any liability for damages to

Superintendent
July 5, 1968
Page 3

life or property arising from the occupancy or use of the lands by the applicant.

D. That it will restore the lands as nearly as may be possible to their original condition upon completion of the construction.

E. That the applicant will not interfere with the use of the lands by or under authority of the Navajo Indian Tribe for any purpose not in consistent with the primary purpose for which the Right-of-Way was granted.

IN WITNESS WHEREOF, the applicant has caused this application, containing the foregoing stipulations, to be duly executed this 11th day of July, 1968.

HUMBLE OIL & REFINING COMPANY

By [Signature]
Attorney in Fact

STATE OF OKLAHOMA)
) SS.
COUNTY OF OKLAHOMA)

O. K. 22 10
Transaction
O. K. 22 10
Form 100

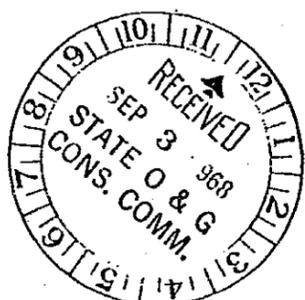
This instrument was acknowledged before me this 11th day of July, 1968, by I. L. Rogers as Attorney in Fact of Humble Oil & Refining Company.

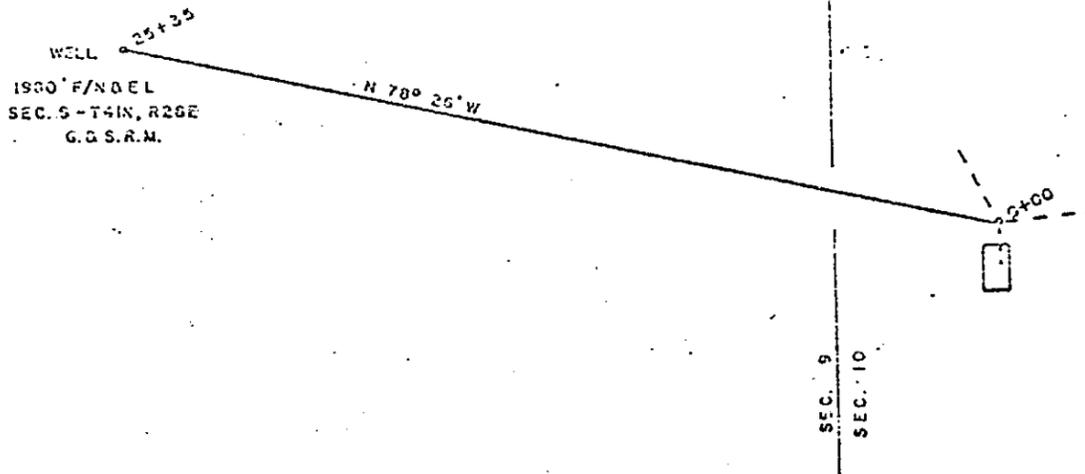
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year first above written.

[Signature]
Notary Public

My commission expires:

August 28, 1969





Application For Right-of-Way Through Indian Tribal Lands

22 May 1968

HUMBLE OIL & REFINING COMPANY

Scale 1" = 500'

Salt Water Disposal Line

Township 41 North, Range 28 East, G. & S.R. M.
Navajo Indian Reservation
Apache County, Arizona

SURVEYOR'S STATEMENT:

ROBERT H. ERNST states, he is by occupation a Registered Professional Engineer and Land Surveyor employed by Humble Oil & Refining Company, to make the survey for a pipeline located on the Navajo Indian Reservation, T41N, R28E, G. & S.R.M., Apache County, Arizona as described and shown on this map. That the survey of said works was made by him or under his supervision and under authority commencing on the 22nd day of May 1968 and ending on the 22nd day of May 1968 and that such survey is accurately represented upon this map. The total length of right-of-way through the Navajo Indian Tribal Lands is 2,935 feet with a width of 30 feet, being 15 feet on either side of the center line of survey.

Robert H. Ernst
Robert H. Ernst
Colo. P.E. & L.S. 4979
N. Mex. P.E. & L.S. 2463



Sworn and Subscribed to before me this 29th day of May 1968.

Deann Balliger
Notary Public

My Commission Expires March 30, 1970

APPLICANT'S CERTIFICATE:

This is to certify that Robert H. Ernst, who subscribed the statement hereon is the person employed by the undersigned applicant to prepare this map which has been adopted by the applicant as the approximate final location of the works thereby shown, and that this map is filed as a part of the complete application and in order that the applicant may obtain the benefits of the Act of Feb. 5, 1948 (62 STAT. 17) and departmental regulations 25 CFR (Revised Jan 1, 1958) 161 for Rights-of-Way pertaining to Pipe Lines and I further certify that the right-of-way herein described is desired for the purpose of transporting oil and gas by pipe line.

G. J. Rogers
Attorney in fact for Humble Oil & Refining Company

John C. Burt

O. K. as to
Construction *L.W.B.*
O. K. as to
Form *J.H.C.*

THE NAVAJO TRIBE
WINDOW ROCK, ARIZONA

RAYMOND NAKAI
CHAIRMAN, Navajo Tribal Council

NELSON DAMON
VICE CHAIRMAN, Navajo Tribal Council



August 28, 1968

Mr. J. R. Dorrrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Dear Mr. Dorrrough:

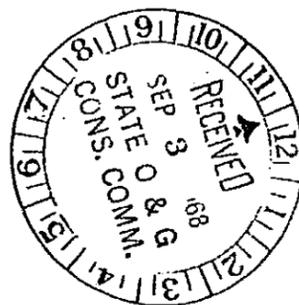
Your request for right-of-way and easement for purposes of salt water disposal into your 2-E well in SW NE Section 9, Township 41 North, Range 28 East, Apache County, Arizona has been reviewed favorably.

In view also of the concurrence by the U. S. Geological Survey, the Arizona Oil and Gas Conservation Commission, and our Tribal Minerals Department, this application is approved.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Raymond Nakai".

Raymond Nakai, Chairman
Navajo Tribal Council





UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF INDIAN AFFAIRS
Navajo Area Office
Window Rock, Arizona 86515

IN REPLY REFER TO:

444
Real Property Management
Right-of-Way

AUG 28 1968

Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Gentlemen:

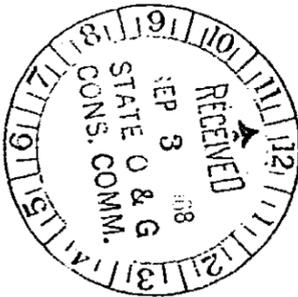
Your application to construct 2,535 feet of salt water disposal line across Navajo Tribal lands located in Section 9, Township 41 North, Range 28 East, G. & S.R.M., Apache County, Arizona, has been approved by the Chairman of the Navajo Tribal Council. In approving your application, the Navajo Tribe has stipulated certain conditions, copy of which is attached.

Authorization is hereby granted to proceed with the above project, subject to the stipulations by the Navajo Tribe and subject to any prior rights or adverse claims and to all applicable regulations of Title 25, Code of Federal Regulations, Part 161.

Sincerely yours,

Val McBroom
Acting Assistant Area Director

Enclosures



THE NAVAJO TRIBAL COUNCIL
WINDOW ROCK, ARIZONA

RAYMOND NAKAI
CHAIRMAN, Navajo Tribal Council

NELSON DAMON
VICE CHAIRMAN, Navajo Tribal Council

August 20, 1968

RECEIVED

AUG 23 1968

AREA DIVISION OF
REAL PROPERTY MGMT.



ARRMO	
ASST	
GENERAL	
CPD	
RECORDS	
FILE	

MEMORANDUM

To: Area Director, Navajo Area Office
Attention: Area Real Property Management Officer

From: Chairman, Navajo Tribal Council

Subject: Humble Oil Company - Salt Water Disposal Line, Section 9,
Township 41 North, Range 28 East, G&SRM, Apache County,
Arizona

Reference is made to an application submitted by Humble Oil and Refining Company for right-of-way and easement across Navajo Tribal lands in the vicinity of Red Mesa, Arizona.

The right-of-way and easement desired and applied for is 30 feet in width, being 15 feet in width on either side of the center line of the survey as shown on the attached map. The distance of the salt water disposal line is 2,535 feet in length.

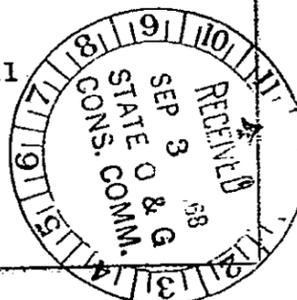
We have reviewed the survey furnished by the Humble Oil and Refining Company of Denver, Colorado and believe that the construction of the salt water disposal line will have little or no effect on Navajo use and occupancy.

Tribal consent is hereby granted you to permit Humble Oil and Refining Company to construct the salt water disposal line subject to the following stipulations. These stipulations are in addition to those listed in Humble Oil and Refining Company's letter of application dated July 5, 1968.

1. The applicant is to make every effort to practice conservation on its construction as certain areas of Navajo Tribal lands have suffered much range damage.
2. That proper disposal will be made of the salt water and that said salt water will not endanger the safety of livestock in the area.

Nelson Damon
ACTING Chairman, Navajo Tribal Council

Attachment



August 19, 1968

AAA Fishing Tool Company
P. O. Box 1281
Farmington, New Mexico

Re: AAA Fishing Tool #E2 Humble
Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apache County, Arizona
Permit #444

Gentlemen:

According to our records this is still an active well; therefore,
we must have your production report for July immediately.

Should there be any change in the status of this well, it is
necessary that this commission be informed and substantiating
data be filed.

Very truly yours,

John Bannister
Executive Secretary

Jf

yellow copy

August 15, 1968

Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: AAA Fishing Tool #E2
Humble Navajo
T41N, R28E, G & SRM
Sec. 9: SW/4 NE/4
Apachs County, Arizona
Permit #444

Gentlemen:

By letter of 7-16-68 you were advised that before operations could be commenced by you on captioned well this commission must have evidence of change of ownership (operator), liability, etc.

To date this has not been received. May we have this at your earliest convenience.

Yours truly,

John Bannister
Executive Secretary

JB:jf

<u>Name</u>	<u>Company</u>	<u>Location</u>
George Eaton	Pan American	Farmington
Charles Boye	Pan American	Denver
JOHN I. FISHER	KERR-McGEE	OKLA CITY
(P.D.) "Bud" Williams	KERR-McGEE	Farmington
Gilbert C. Begay	NAVAJO TRIBE	WINDOW ROCK, Ariz
John A. Anderson	U.S.G.S.	Roswell, N. Mex
P.T. Mc Grath	U.S.G.S.	Farmington
M. L. SEELINGER		
W.H. Jarvis	Humble Oil Ref Co	Farmington
Max E. Deneel	"	Denver
J. Roy Dorrbaugh	"	"
JOHN F. RICHARDSON	"	"
JIM SCURLOCK	ARIZ OIL & GAS COMMISSION	PHOENIX
Ewell N. Walsh	Petroleum Engineer Consultant ARIZ OIL & GAS COMMISSION	Farmington
John Bannister	"	Phoenix

July 16, 1968

Humble Oil & Refining Company
P.O. Box 120
Denver, Colorado 80201

Attention: Mr. William S. Livingston

Gentlemen:

Attached are approved copies of your applications to dispose of salt water by injection into the #4-88 Navajo and the #E-2 Navajo wells. We will of course need to have the sundry reports of operations to convert and ~~well completion reports~~ on both these wells. *rec'd 8/23*

Re ports of injection should be submitted monthly. A supply of Form 14 is enclosed for your convenience in this reporting. *will request on 8/30*

As you were previously advised concerning the #E-2 Navajo well, we doo need evidence of change of ownership (operator), liability, etc. In addition, it is noted that our files do not contain a copy of the analysis of the water to be injected. Will you please forward this also.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

444

July 15, 1968

AAA Fishing Tool Co., Inc.
P.O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Navajo Humble
SW NE 9-41N-28E Apache County, Arizona
Permit 444

Gentlemen:

Our letter of July 3, 1968 directed your attention to Rule 502 which requires the filing of monthly production reports. Further, you were advised that reports for March, April, May and June, 1968 should be filed immediately.

To date these written reports have not been received. You are urged to bring yourself into compliance with the rules and regulations at once.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Humble Oil & Refining Co., Denver, Colo.

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

July 11, 1968

TELEPHONE BUS. 325-0203
RES. - 325-6455

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

Ref: Humble Oil Company water
disposal wells No. 4-88
and No. E-2

Dear Mr. Bannister:

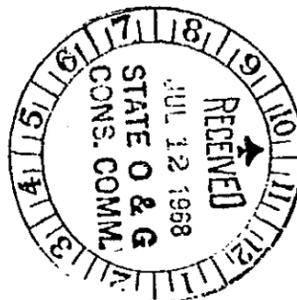
After reviewing the applicant's request for the
above-referred-to matter, the exhibits presented with
the request, your files and the information presented
at the meeting of July 10, 1968, I would recommend
that both of the requests be approved.

Very truly yours,



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

ENW:lt



July 3, 1968

AAA Fishing Tool Co., Inc.
P.O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Navajo Humble
SW NE 9-41N-28E Apache County, Arizona
Permit 444

Gentlemen:

As you know, Rule 502 requires that production reports shall be filed for each month.

Reports for March, April, and May 1968 have not been received by this office. This office has undergone the expense of telephoning you for these production figures each month; however, this does not relieve an operator of submitting the required reports.

Will you please file the above reports immediately, as well as the report for June, 1968. For your convenience we are again enclosing a supply of the forms to be used in this reporting.

Very truly yours,

John Bannister
Executive Secretary
nr
enc

Handwritten notes:
- 7-3-68 M... 502
- ...
- ...
- ...
- ...

July 2, 1968

Mr. Ewell N. Walsh
Consulting Petroleum Engineer
P.O. Box 254
Farmington, New Mexico 97401

Dear Mr. Walsh:

I am transmitting our file on the Humble #4-88 Navajo well, SE NW 25-36N-29E, Apache County, Arizona, our file 447, together with a request from Humble that said well be converted into a salt water disposal well.

I am further enclosing our file, including the exhibits, in our Case 29, Kerr-McGee's salt water injection hearing.

As I advised you by telephone today, there will be a meeting on July 10, 1968 at 10:00 a.m. in Room 202, Petroleum Center Building, with Humble, Kerr-McGee, Pan Am, U.S.G.S., the Navajos, and this Commission. You are requested to sit as a consultant to this Commission at this meeting. Should you need any further information, please advise.

We are, further, enclosing another application from Humble to make the AAA Fishing Tool #E2 Navajo well, SW NE 9-41N-28E, our file 444, into a salt water disposal well.

While the AAA Fishing Tool well is not the subject of the call to meeting, I would appreciate it if you would review this file and should there be any apparent objections we could discuss this with Humble following the meeting.

There has been no "official" objection to date as to either of these disposal requests, although as I previously advised, U.S.G.S. has expressed concern about the Humble #4-88 Navajo.

Upon completion of your work, would you please submit a bill to this Commission.

Very truly yours, /

John Hannister
Executive Secretary
mr
enc

*Write for the
231434
2.7380000
30.00000*

444

July 2, 1968

Humble Oil & Refining Company
P.O. Box 120
Denver, Colorado 80201

Attention: Mr. William S. Livingston, Attorney

Re: Application to Dispose of Salt Water by Injection
AAA Fishing Tool #E-2 Navajo well
(formerly: Humble #E-2 Navajo)
SW NE 9-41N-28E Apache County, Arizona

Gentlemen:

Our files concerning the well at the above captioned location indicate this well is a producing oil well operated by AAA Fishing Tool Co. Inc. under Navajo Lease # 14-20-0603-579. Mr. C.E. McClelland of that company has indicated that a sale to Humble was imminent.

Evidence of course must be presented as to the present condition of the well, Humble's right to entry, liability, etc.

Very truly yours,

John Bannister
Executive Secretary
nr

444



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

POST OFFICE BOX 120

WILLIAM S. LIVINGSTON
ATTORNEY

June 27, 1968

Arizona Oil & Gas Conservation Commission
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Bannister, Executive Secretary

Gentlemen:

We enclose herewith in two copies our Application To Dispose of Salt Water By Injection Into a Porous Formation. We also attach a copy of the electric log of the well upon which is indicated the fresh water zone.

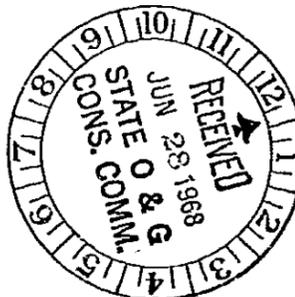
In accordance with the instructions of the Commission, we also enclose copies of our letters notifying AAA Fishing Tool Company and Consolidated Oil & Gas Inc., the operators within one-half mile of the proposed injection well other than the applicant, and copies of similar letters to the Minerals Supervisor of the Navajo Tribe, the surface owner, and to the United States Geological Survey.

Would you please hold our application for 10 days in accordance with the Commission's practices and then process the same in the absence of a protest or request for a hearing.

Sincerely yours,

William S. Livingston
William S. Livingston

WSL:m
Enclosures



444



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

POST OFFICE BOX 120

WILLIAM S. LIVINGSTON
ATTORNEY

June 27, 1968

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

Gentlemen:

For your information and file, we attach a copy of our Application To Dispose of Salt Water By Injection Into a Porous Formation which has this date been filed with the Arizona Oil & Gas Conservation Commission.

Very truly yours,

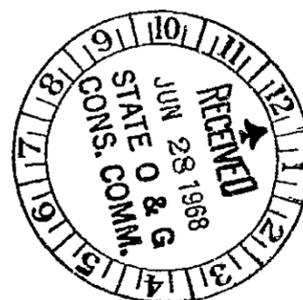
COPY ^{Original} _{Signed} William S. Livingston

William S. Livingston

WSL:m

Enclosure

cc: Arizona Oil & Gas Conservation Commission



444



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

POST OFFICE BOX 120

WILLIAM S. LIVINGSTON
ATTORNEY

June 27, 1968

AAA Fishing Tool Company
P. O. Box 1281
Farmington, New Mexico

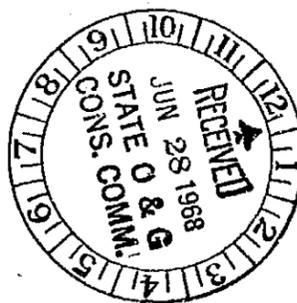
Gentlemen:

For your information and file, we attach a copy of our Application to Dispose of Salt Water by Injection into a Porous Formation which has this date been filed with the Arizona Oil & Gas Conservation Commission.

Very truly yours,

William S. Livingston

WSL:m
Enclosure
cc: Arizona Oil & Gas Conservation Commission





HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

WILLIAM S. LIVINGSTON
ATTORNEY

POST OFFICE BOX 120

June 27, 1968

Mr. John A. Anderson
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Dear Mr. Anderson:

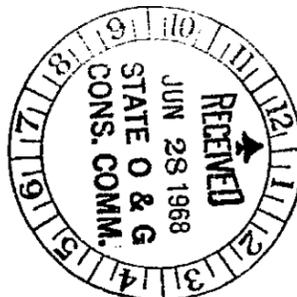
Attached for your information and file is a copy of our Application To Dispose of Salt Water By Injection Into a Porous Formation, involving Navajo Tribal lands, which we have this date filed with the Arizona Oil & Gas Conservation Commission. We are also enclosing a copy of the electric log which was required by the Commission's procedures on which has been noted the fresh water zone.

Sincerely yours,

COPY Original Signed William S. Livingston

William S. Livingston

WSL:m
Enclosures
cc: Arizona Oil & Gas Conservation Commission



444



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

POST OFFICE BOX 120

WILLIAM S. LIVINGSTON
ATTORNEY

June 27, 1968

Mr. Perry K. Hurlbut
Minerals Supervisor
The Navajo Tribe
P. O. Box 146
Window Rock, Arizona 86515

Dear Mr. Hurlbut:

For your information and file, we enclose a copy of our Application to Dispose of Salt Water By Injection Into a Porous Formation as filed with the Arizona Oil & Gas Conservation Commission, together with a copy of the electric log filed with the application, upon which has been noted the fresh water zone in the field.

The procedures of the State Commission in Arizona require that you see that the Tribe, the surface owner, be notified of our application and also that we request a waiver from the Tribe of the right to protest or ask for a hearing. Since we believe that you will agree that the injection proposed is in accordance with sound oil field practices and is to the advantage of the Tribe, we request that you indicate to the Commission, attention Mr. John Bannister, Executive Secretary, that the Tribe has no objection to the water injection as set forth in the application.

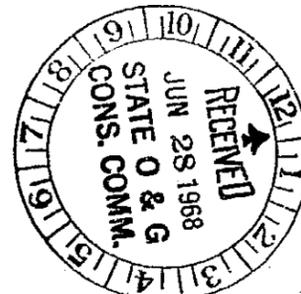
Thank you for your cooperation.

Sincerely yours,

COPY ^{Original} Signed William S. Livingston

William S. Livingston

WSL:m
Enclosures
cc: Arizona Oil & Gas Conservation Commission



444

May 28, 1968

AAA Fishing Tool Co. Inc.
P.O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #3-2 Humble Navajo
SW NE 9-41N-28E Apache County
Permit 444

Gentlemen:

Report of reservoir pressure test has been received.

Enclosed is approved copy of Operator's Certificate of Compliance and Authorization to Transport Oil or Gas from Lease.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

cc: U.S.G.S., Farmington

MAGNETIC BASKETS
SQUARE DRILL COLLARS
KEYSET WIPERS
MILLS

PHONE 325-4240
PHONE 325-4410
P. O. BOX 1281
FARMINGTON, NEW MEXICO

A. A. A. FISHING TOOL CO., INC.

May 23, 1968



Mr. Jim Scurlock
Arizona Oil & Gas Commission
1624 W. Adams, Room 202
Phoenix, Arizona

RE: A.A.A. Fishing Tool Co. Inc.
Arizona Lease
BIA Contract 14-20-0603-597

Dear Mr. Scurlock:

As per our conversation this week, please be advised that we intend to sell the well that was recently re-entered by us, on the above named lease, to Humble Oil & Refining Company, to be used as a salt-water disposal well by them. The sale is expected to be completed by June 1, 1968. Humble Oil & Refining Company is to be responsible for plugging and any other expenses, directly connected with this particular well.

Sincerely,

C. E. McClelland
President

CEMcC/lh

cc: Mr. Harold Farris
Drawer I
Farmington, New Mexico

444

*Certified mail
No. 231627*

May 21, 1968

AAA Fishing Tool Co. Inc.
P.O. 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Humble Navajo
SW NE 9-41N-28E Apache County
Permit 444

Gentlemen:

As you were advised by our letters of March 29 and April 18, 1968, this Commission is holding your request for authorization to transport oil from the lease containing captioned well.

You were advised in the above letters that authorization to transport your production would be approved upon receipt of the report of reservoir pressure test as required by Rule 302. To date we have had no reply from you.

Again I would call your attention to the fact that no product may be transported or sold from the lease until there has been full compliance with our rules and regulations. I would also call your attention to Rule 202.B which states that when operations have been suspended for 60 days the well shall be plugged and abandoned unless written permission to temporarily abandon has been secured from the Commission.

May we hear from you at once concerning your plans for this well.

Very truly yours,

John Bannister
Executive Secretary
mr
enc: Form 7

cc: U.S.G.S., Farmington

POST OFFICE DEPARTMENT OFFICIAL BUSINESS		PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300	
			
INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.			
REGISTERED NO.	NAME OF SENDER		
CERTIFIED NO. 231627	STREET AND NO. OR P. O. BOX GAS CONSERVATION COMMISS STATE OF ARIZONA 1624 WEST ADAMS, SUITE 202 TELEPHONE: 271-5151 PHOENIX, ARIZONA, 85007		
INSURED NO.	CITY, STATE, AND ZIP CODE		

POB Form 3811 Sep. 1962
C55-16-71548-E-F

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1024 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

March 29, 1968

4-18-68

AAA Fishing Tool Co. Inc.
P.O. 1281
Farmington, New Mexico 87401

Gentlemen:

According to our records, the data indicated below has not been submitted as called for by our rules and regulations. You are urged to submit this data at once to bring this operation into compliance with the rules and regulations.'

<u>Well</u>	<u>Data</u>
AAA Fishing Tool #E-2 Humble Navajo SW NE 9-41N-28E Apache County Permit 444	Rule 302 Reservoir Pressure Test

(Authorization to transport oil from lease cannot be released until above information is received.)

You are urged to bring yourself into compliance with our rules and regulations as soon as possible.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: U.S.G.S., Farmington, N.M.

444

March 14, 1968

AAA Fishing Tool Co. Inc.
P.O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #-2 Humble Navajo
SW NE 9-41N-28E, Apache County, Arizona
Permit 444

Gentlemen:

We call your attention to Rule 301 which calls for certain GOR tests. The first test shall be performed not sooner than five days after completion (the completion date as reported to us is December 29, 1967). We have received a report of the test performed on January 20, 1968.

The second GOR test is to be performed not sooner than thirty days nor later than sixty days following the completion. Therefore another test should have been performed before February 29, 1968. To date we have not received the report of this test.

Further, Directive D-2-67, a copy of which was enclosed with our letter to you of February 2, 1968, sets March and September as times to perform the semi-annual GOR Tests.

In this instance, the Commission feels that it can accept the March GOR test to fulfill the requirement for the second as well as the semi-annual GOR test. Will you file this as soon as possible.

Rule 302 calls for a reservoir pressure test to be filed with this Commission within 60 days after completion of the well. To date we have not received this report. It should be filed immediately.

Rule 502 calls for the filing of production reports monthly. We have received your report of January production and of course feel your report of February production will be received shortly.

Rule 801 requires that the producer or operator file "Operators Certificate of Compliance and Authorization to Transport Oil or Gas From Lease (Form 8). Until this form is executed and approved by the Commission, no oil or gas can be transported from the lease for sale or any other purpose. Since this authority has not been issued, would you please advise what arrangements have been made for your production.

AAA Fishing Tool Co. Inc.
March 14, 1968
Page 2

To date we have not received a copy of the Schlumberger gamma ray correlation log. This also must be filed as soon as possible.

It is not the intention of this Commission to cause any undue hardship for an operator; however, compliance with our rules and regulations must be met. We urge your earliest cooperation. And if this office may at any time be of assistance to you, or if you have any questions, please contact us.

Very truly yours,

John Bannister
Executive Secretary

MR

enc: Form 5, Form 7, Form 8

February 2, 1968

AAA Fishing Tool Co. Inc.
P.O. Box 1281
Farmington, New Mexico 87401

Re: AAA Fishing Tool #E-2 Humble Navajo
SW NE 9-41N-28E Apache County, Arizona
Permit 444

Gentlemen:

The well completion report indicates this well has been completed for production. Your attention is directed to Rules 301, 302, 502, and 801 which calls for the filing of specified information. The appropriate forms to report this information are enclosed.

Directive D-2-67, attached, states the dates for the semi-annual gas-oil ratio tests subsequent to those initially required.

Our files do contain the perforating depth control log. However, we do not have a copy of the Schlumberger gamma ray correlation log. A copy of this log must also be filed with this Commission.

Your cooperation is very much appreciated; and of course if this office can be of help to you in any way, please let us know.

Very truly yours,

John Bannister
Executive Secretary
mr
encs

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1024 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

January 11, 1968

AAA Fishing Tool Company
P.O. Box 1281
Farmington, New Mexico 87401

Attention: Mr. C.E. McClelland, President

Gentlemen:

As you are aware, you, as operator, must keep this Commission currently informed as to the progress of any oil or gas well operation anywhere in the State of Arizona and file such data as required or called for by the Commission. For your guidance, a copy of "Forms--when to file" was attached to your permit to drill. For your convenience, a marked copy is enclosed again.

According to our records, the data indicated below has not been submitted. You are requested to submit this data at once in order to bring this operation into compliance with our Rules and Regulations.

<u>Well</u>	<u>Progress Report</u>	<u>Completion Report</u>	<u>Logs</u>	<u>Samples</u>	<u>Other</u>
AAA Fishing Tool #E2 Humble Navajo	Detailing your operations from spud to current				

A review of our file reveals that we have no documented reports nor copies of your reports to U.S. Geological Survey. It is imperative that a detailed report of your operations be filed immediately.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

44

MINERALS DEPARTMENT
THE NAVAJO TRIBE

RAYMOND NAKAI
CHAIRMAN, NAVAJO TRIBAL COUNCIL

NELSON DAMON
VICE-CHAIRMAN

412 PETROLEUM PLAZA BUILDING
3535 EAST 30TH STREET
FARMINGTON, NEW MEXICO
PHONE: 325-4284 (CODE 505)

December 20, 1967



Mr. John Bannister
Executive Secretary
Oil & Gas Conservation Commission
1624 West Adams
Phoenix, Arizona 85007

Dear Sir:

The E-2 well by Humble Oil & Refining Company is located in the SW¹/₄NE¹/₄ of Section 9, Township 41 North, Range 28 East, Apache County, Arizona.

On January 8, 1963 Humble Oil & Refining Company released Section 9 which was part of 14-20-603-412.

On May 25, 1967 (Oil & Gas Sale No. 88) Section 9 was resold to the highest bidder A.A.A. Fishing Tool Company, Inc. They are the owner of this tract of land and entitle to what ever necessary to produce oil and gas. (Lease No. being 14-20-0603-579)

Very truly yours,

THE NAVAJO TRIBE MINERALS DEPT.

Herbert Tsosie

Herbert Tsosie
Administrative Assistant

HT:et

444

December 15, 1967

Mr. Hank Pohlmann
Minerals Department
The Navajo Tribe
412 Petroleum Plaza Bldg.
Farmington, New Mexico 87401

Dear Hank:

Humble Oil and Refining Company originally drilled both their #E-1 and #E-2 wells in 1958 on Navajo Lease 14-20-603-412. The #E-1 is still producing and Humble still references this lease number when reporting the production.

The #E-2 well was subsequently plugged and abandoned in 1958.

AAA Fishing Tool Co., Inc., Farmington, has re-entered the #E-2 and they show the lease as 14-20-0603-579 with themselves as owners.

In order to clarify our records then, will you please advise us as to the current status of these leases.

Very truly yours,

John Bannister
Executive Secretary
mr

444

CERTIFIED MAIL
No. 231872

December 8, 1967

AAA Fishing Tool Company
P.O. Box 1281
Farmington, New Mexico 87401

Attention: Mr. C.E. McClellan

Re: Application for Permit to
Humble #E-2 Navajo
SW NE 9-41N-28E, Apache C
File 444

Gentlemen:

On November 30, 1967 you were that your operations in re-entering the Humble Oil #E-2 Navajo well would have to comply with this Commission's regulations. By telegram that same date Kyser Insurance Agency advised that Great American Insurance Company is issuing the performance bond.

Then on December 6, 1967, in response to our telephone call, you advised that the application forms had been placed in the mail on Saturday afternoon, December 2.

To date the necessary forms have not been received in this office. We are enclosing another set of the necessary forms and copy of the rules and regulations for operations anywhere within the State of Arizona. We direct your attention to Rule 102.

Should this office not receive immediately all the necessary information as required by our rules and regulations, we have no choice but to enforce the provisions of Rule 102. (As stated to you previously, the original surveyor's plat is on file and will be used to fulfill the requirement for the surveyor's plat.)

Your immediate cooperation to bring this well into compliance is requested.

Very truly yours,

John Bannister
Executive Secretary

cc: Kyser Insurance Agency
U.S. Geological Survey
Humble Oil & Refining Co.

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver <i>ONLY</i> to addressee	<input type="checkbox"/> Show address where delivered
<i>(Additional charges required for these services)</i>	
RECEIPT	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>C.E. McClellan</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
<i>12/12/67</i>	
CS5-16-31548-5-F GPO	

12-6-67

Phoned Blackie Mc Clelland

AAA Fishing Tool Co

Re recenty into Humble EZ
he advised that application
etc - mailed in Saturday
afternoon (12-2-67)

CLASS OF SERVICE
This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

W. P. MARSHALL
CHAIRMAN OF THE BOARD

TELEGRAM

R. W. McFALL
PRESIDENT

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

318P PST NOV 30 67 LA379
L-FRA039 PD FARMINGTON NMEX 30 416P MST 516
JIM SCURLOCK

ARIZONA GAS AND OIL COMMISSION PHOENIX ARIZ
GREAT AMERICAN INSURANCE COMPANY IS ISSUING A BOND TO THE STATE
OF ARIZONA IN ACCORDANCE WITH COMMISSION RULES AND REGULATIONS
COVERING AAA FISHING TOOL CO OPERATIONS TO REENTER HUMBLE OIL
AND REFINING CO 2-E NAVAJO SECTION 9 41 NORTH 28 EAST APACHE
COUNTY ARIZONA
KYSER INSURANCE AGENCY RAYMOND KYSER JR



AAA 2-E 9 41 28
(17).

1967 NOV 30 PM 4 29
1504

444

Try 371 5161

1	2	3	4
5	6	7	8
9	10	11	12

1967 NOV 30 PM 4 20

File

1967 NOV 30 PM 4 20

B- 85735