

P-W

MIAMI OIL PRODUCERS #1 NAVAJO 425
NE NW 30-41N-30E Apache County

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator **MIAMI OIL PRODUCERS, INC.** Address **P. O. Drawer 2040, Abilene, Texas**

Federal, State or Indian Lease Number or name of lessor if fee lease **Navajo 14-20-603-4154** Well Number **# 1** Field & Reservoir **Wildcat** 425

Location **NE $\frac{1}{4}$ NW $\frac{1}{4}$ - 1980' FWL, 660' FNL** County **Apache**

Sec. TWP-Range or Block & Survey **Sec. 30 - T41N - R30E**

Date spudded **11/17/67** Date total depth reached **12/12/67** Date completed, ready to produce _____ Elevation (DF, RT, or Gr.) **5339** feet Elevation of casing hd. **5353** feet

Total depth **6635'** P.B.T.D. _____ 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 **None** Rotary tools used (interval) **0-6635'** Cable tools used (interval) _____

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) **Schlumberger IES, BHC/GR (both filed herewith)** Date filed _____

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	15"	10 $\frac{3}{4}$ "	32.75#	389' KB	400 SX	-0-

TUBING RECORD

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production **None - D & A** 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 bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

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

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

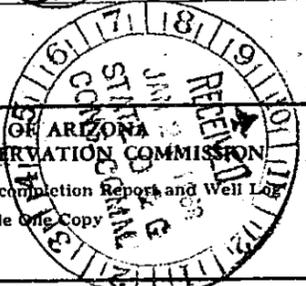
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Vice President** of the **MIAMI OIL PRODUCERS, INC.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

January 22, 1968
Date

Jaen Rivers
Signature

Permit No. **425**

Form No. 4



DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
ELECTRIC LOG TOPS:			
Chinle	1410		<p>DRILL STEM TEST # 1 - 5010' to 5035' - Lower Ismay Section. Tool open 1½ hours, gas to surface in 50 minutes with 3' flare. Recovered 35' of gas cut drilling mud. IFP 28# FFP 28#, ISIP for 90 Min. 1706#, FSIP for 90 Min. 1398# - In. Hydro. 2466#, Final Hydro. 2437#.</p> <p>DRILL STEM TEST # 2 - 5157' to 5185' - Desert Creek Section. Tool open 5 Min. for preblow with gas to surface in 5 Min. Shut in for 1 Hr. Reopened for 2 hours, gas to surface immediately. Measured 1,000,000 cft. in 10 min. on 3/4" choke, 60# FP. Remained steady for 1 Hr. At the end of 1 hr. spray of water to surface. Flow estimate 2 bbls. of SW the last 60 Min. Recovered 1290' SW, no oil or cond. FP 243# to 646# - 60 Min. ISIP 1812# - 180 Min. FSIP 2524#. In. Hydro. and final Hydro. 2524#.</p> <p>DRILL STEM TEST # 3 - 6422' to 6432' - McCracken Dolomitic Sandstone. Tool open 2 hours, weak air blow throughout. Recovered 35' OCDM. IFP 29# - FFP 29# - ISIP 60 Min. 145# - FSIP 150 Min. 203# - In. Hydro and Final Hydro 3485#.</p> <p>DRILL STEM TEST # 4 - 6600' to 6635' - Lynch Dolomite. Tool open 2½ hr. with weak air blow increasing to strong. Pulled test tool - recovered 2880' fluid - 150' SOCM - 2730' O&GCSW. In & F Hdyro 3273#- FP 920# to 1283# - 60 Min. ISIP 2307#. 60 Min. FSIP did not record.</p> <p>No Cores.</p>
DeChelly	2373		
Hermosa	4190		
Ismay Limestone	4888		
Desert Creek	5092		
Molas	5752		
Mississippian	5860		
Elbert	6202		
McCracken	6315		
McCracken Cong	6485		
Lynch Dolomite	6546		
TD - Logs	6637		

* 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.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

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. REVR. Other P & A

2. NAME OF OPERATOR
MIAMI OIL PRODUCERS, INC.

3. ADDRESS OF OPERATOR
P. O. Drawer 2040, Abilene, Texas 79604

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NE 1/4 NW 1/4 Sec. 30-1980' FWL, 660' FNL
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-4154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
MIAMI FEDERAL 41-54

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
30-41N-30E

14. PERMIT NO. Arizona #425 DATE ISSUED 8/17/67

12. COUNTY OR PARISH Apache 13. STATE Arizona

15. DATE SPUNDED 11/17/67 16. DATE T.D. REACHED 12/12/67 17. DATE COMPL. (Ready to prod.) Plugged 12/13/67 18. ELEVATION (OF, RKB, BT, OR, ETC.)* 5339' GL - 19. ELEV. CASINGHEAD 5353'

20. TOTAL DEPTH, MD & TVD 6635' 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL. HOW MANY? _____ 23. INTERVALS DRILLED BY 0-6635' ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger IES/BHC/GR 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
<u>10-3/4"</u>	<u>132.75#</u>	<u>389' KB</u>	<u>15"</u>	<u>400 SX</u>	<u>-0-</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

None - D and A

32. ACID, SEPT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

35. LIST OF ATTACHMENTS
1 Copy of electric logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Representative DATE 12/22/67

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

4425

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.), formations 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 35.

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 21: "Secks 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.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY 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

38.

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DRILL STEM TEST # 1	5010'	5035'	Lower Ismay Section. Tool open 1 1/2 hours, gas to surface in 50 minutes with 3' flare. Recovered 35' of gas cut drilling mud. IFP 28# - FFP 28# - ISIP for 90 Min. 1706# - FSIP for 90 Min. 1398# - In Hydro 2466# - Final Hydro. 2437#.			
DRILL STEM TEST # 2	5157'	5185'	Desert Creek Section. Tool open 5 min. for preblow, with gas to surface in 5 min. Shut in for 1 hr. Reopened for 2 hrs. gas to surf. immediately. Measured 1,000,000 cft. in 10 min on 3/4" choke, 60# FP. Remained steady for 1 hr. At the end of 1 hr. spray of water to surface. Flow estimate 2 bbls. of SW the last 60 min. Recovered 1290' SW, no oil or cond. FP 243# to 647#. 60 Min. ISIP 1812# - 180 Min. FSIP 2524#. In. Hyd. and final Hydr. 2524#.			
DRILL STEM TEST # 3	6422'	6432'	McCracken Dolomitic Sandstone. Tool open 2 hrs. weak air blow throughout. Recovered 35' OCDM. IFP 29# - FFP 29# - ISIP 60 Min. 145#-FSIP 150 Min. 203#-In. Hydro. and Final Hydro. 3485#.			
DST # 4			on attached sheet.			

MIAMI NAVAJO 41-54 #1 - Apache County, Arizona. Form 9-330 - Page 2.

DRILL STEM TEST # 4 - 6600' to 6635' - Lynch Dolomite.
Tool open 2½ hr. with weak air blow, increasing to strong. Pulled
test tool - recovered 2880' fluid - 150' SOCM, 2730' O&GCSW.
In. and Final Hydro. 3273# - FP 920 to 1283# - 60 Min. ISIP 2307#.
60 Min. FSIP - did not record.

Electric log tops:

Chinle	1410
DeChelly	2373
Hermosa	4190
Ismay Limestone	4888
Desert Creek	5092
Molas	5752
Mississippian	5860
Elbert	6202
McCracken	6315
McCracken Congl.	6485
Lynch Dolomite	6546
TD - logs	6637

425

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(SUNDRY NOTICES AND REPORTS ON WELLS)

1. Name of Operator MIAMI OIL PRODUCERS, INC.
 2. OIL WELL GAS WELL OTHER (Specify) DRY HOLE
 3. Well Name NAVAJO 41-54 # 1
 Location NE 1/4 NW 1/4 - 1980' FWL - 660' FNL Sec. 30
 Sec. 30 Twp. 41 Rge. 30E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Federal 14-20-603-4154

5. Field or Pool Name Wildcat

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 checked="" 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.)

Well was spud on 11/16/67. 15" surface hole was drilled to 389' KB; 13 jts of 10 3/4" OD 32.75# Grade H-40 surface casing was set and cemented with 400 sx regular cement - cement circulated with good returns. Well was drilled to TD of 6635'. All possible productive zones were drill stem tested, with no recovery of commercial quantities of oil or gas encountered. Well was not cored. Requested and received verbal permission from the United States Geological Survey (Mr. Ward) and the State of Arizona to plug and abandon. Well was plugged 12/13/67, as follows: Hole was filled with
 Plug #1: 5800' to 5900' with 40 sx cement.
 Plug #2: 5050' to 5150' with 40 sx cement.
 Plug #3: 4150' to 4250' with 40 sx cement.
 Plug #4: 2340' to 2440' with 40 sx cement.
 Dry hole marker was installed and rig released at 4:00 a.m. 12/13/67.

8. I hereby certify that the foregoing is true and correct.
 Signed Sam L. Loy Title Representative Date Dec. 22, 1967

Permit No. 425

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
verse side)

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.
14-20-603-4154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MIAMI FEDERAL 41-54

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

30-41N-30E

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 Dry Hole

2. NAME OF OPERATOR
MIAMI OIL PRODUCERS, INC.

3. ADDRESS OF OPERATOR
P. O. Drawer 2040, Abilene, Texas 79604

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NE 1/4 NW 1/4 Sec. 30 - 1980' FWL, 660' FNL

14. PERMIT NO.
Arizona #425

15. ELEVATIONS (Show whether DF, FT, OR, etc.)
5339' GL - 5353' KB

12. COUNTY OR PARISH 13. STATE
Apache Arizona

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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

Well was spud 11/16/67. 15" surface hole was drilled to 389' KB; 13 jts. of 10 3/4" OD 32.75# Grade H-40 surface casing was set and cemented with 400 sx regular cement. Cement circulated with good returns. Well was drilled to TD of 6635, and drill stem tested in four zones with no recovery of oil or gas in commercial quantities. Requested and received verbal permission from Mr. Ward with USGS and Mr. Scurlock with the State of Arizona to plug and abandon.

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

SIGNED

[Signature]

TITLE

Representative

DATE

12/22/67

(This space for Federal or State office use)

APPROVED BY

TITLE

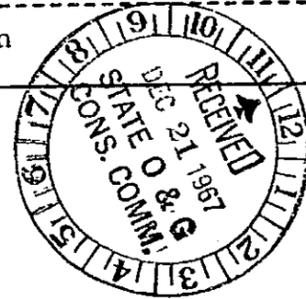
DATE

CONDITIONS OF APPROVAL, IF ANY:

425

*See Instructions on Reverse Side

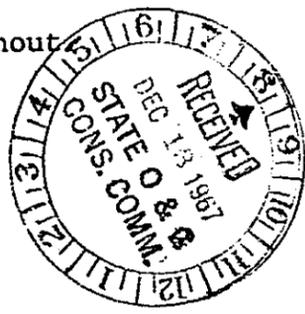
Date	Depth	Drilling Information
<u>1967</u>		
Dec. 11	Contd.	McCracken 6315' -962 McCracken Congl. 6485' -1132 Lynch Dolomite 6546' -1193 TD Electric logs 6637'
Dec. 12	6635'	Calculated all porosity readings from electric logs - no separation between water/gas sand in the interval covered by DST #2 - 5' section in Lower Ismay from 5044' to 5049' calculated 10% to 11% porosity, 45% water. All other zones calculated exceedingly low porosity and high water saturation. All shows have been properly tested. Awaiting decision from Chevron, after their examination of logs. Ran Drill Stem Test #3 - 6600' to 6635' - Lynch Dolomite. Tool open 2½ hours with weak air blow, increasing to strong. Pulled test tool - recovered 2880' fluid - 150' slightly oil cut mud, 2730' of oil and gas cut salt water. Will have tool out around noon today.
Dec. 13	6635'	Total Depth. DST #3 - 6600' to 6635' - Lynch Dolomite. Tool open 2½ hours with weak air blow increasing to strong air blow; gas to surface in 148 minutes, too small to measure. <u>Recovery:</u> 150' oil and gas cut mud, slightly oily. 1400' heavy oil and gas cut salt water. 1330' salt water. <u>Pressures:</u> In. Hydrostatic 3273# Final Hydrostatic 3273# FP 920 to 1283# 60 Min. ISIP 2307# 60 Min. FSIP Did not record. Requested and received permission from George Nevers with Chevron Oil Company, Mr. Ward with USGS and Mr. Scurlock with the State of Arizona to plug and abandon. Plugged as follows: Plug #1: 5800' to 5900' with 40 sx. Plug #2: 5050' to 5150' with 40 sx. Plug #3: 4150' to 4250' with 40 sx. Plug #4: 2340' to 2440' with 40 sx. 10 sx. at surface. Dry hole marker installed. Rig released at 4 A.M. 12/13/67. Preparing to file State and USGS plugging forms. FINAL REPORT.



Dec. 13
D&A →

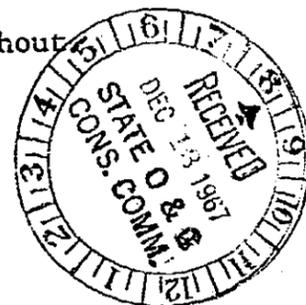
10 #425

Date	Depth	Drilling Information																								
1967 Dec. 5	6192'	Drilling - Basal Mississippian. Deviation at 6164' 1½°. Mud weight 9.8 -- Viscosity 45 -- Water Loss 6.4 cc's -- Filter cake 1/32nd -- PH 9. Circulated drilling break 6120' to 6140' - dolomite, sucrosic, no show.																								
Dec. 6	6302'	Drilling in Elbert Section. Top of Elbert at 6195' (-842) +274' to the Superior well. Mud weight 9.8 -- Viscosity 44 -- Water Loss 5.8 -- Filter cake 1/32 -- PH 9 -- Deviation at 6272' 1½°.																								
Dec. 7	6380'	Drilling in McCracken formation. Top of McCracken at 6325' (-972) +288' to Superior "H" well. McCracken Section dolomite, tan to grey, with fine grained sandstone, hard and tite, no show. Averaging 10 minutes per foot drilling time. Mud weight 9.8 -- Viscosity 48 -- Water Loss 5.8 ccs. Filter cake 1/32nd -- PH 9.0. Went in at 6355' with button bit.																								
Dec. 8	6432'	<p>Pulled DST # 2 - 6422' to 6432' - McCracken dolomitic sandstone. Drilling break 6422' to 6432' - broke from 16-21-11-9-6-4-4-6-4-6-10-8. Good stain, fluorescence and cut. 15 Net Unit on Hot Wire.</p> <p>Tool open 2 hours - weak air blow throughout Recovered 35' oil cut drilling mud.</p> <table data-bbox="611 1884 1223 2099"> <tr><td>IFP</td><td>29#</td></tr> <tr><td>FFP</td><td>29#</td></tr> <tr><td>ISIP - 60 Min.</td><td>145#</td></tr> <tr><td>FSIP - 150 Min.</td><td>203#</td></tr> <tr><td>Initial Hydrostatic</td><td>3485#</td></tr> <tr><td>Final Hydrostatic</td><td>3485#</td></tr> </table> <p>Bottom hole temperature 130°. Preparing to drill ahead.</p>	IFP	29#	FFP	29#	ISIP - 60 Min.	145#	FSIP - 150 Min.	203#	Initial Hydrostatic	3485#	Final Hydrostatic	3485#												
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FSIP - 150 Min.	203#																									
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Final Hydrostatic	3485#																									
Dec. 9	6502'	Drilling - McCracken/Anneth section. Top of McCracken/Anneth at 6485' (-1132) +152' to the Superior well. No shows in Lower McCracken section. Drilling 10 to 15 minutes per foot. Mud weight 9.7 -- Viscosity -- 43 - Water Loss 4 cc's - Filter cake 1/32nd -- PH 9																								
Dec. 10	6587'	Drilling - Lynch Dolomite. Top of Lynch Dolomite at 6545' (-1192). No shows - drilling exceptionally hard and slow.																								
Dec. 11	6635'	<p>Lynch Dolomite. Conditioned hole, ran electric logs, tops as follows:</p> <table data-bbox="611 2456 1223 2741"> <tr><td>Chinle</td><td>1410'</td><td>+3943</td></tr> <tr><td>DeChelly</td><td>2373'</td><td>+2980</td></tr> <tr><td>Hermosa</td><td>4190'</td><td>+1163</td></tr> <tr><td>Ismay Limestone</td><td>4888'</td><td>+465</td></tr> <tr><td>Desert Creek</td><td>5092'</td><td>+261</td></tr> <tr><td>Molas</td><td>5752'</td><td>-399</td></tr> <tr><td>Mississippian</td><td>5860'</td><td>-507</td></tr> <tr><td>Elbert</td><td>6202'</td><td>-849</td></tr> </table>	Chinle	1410'	+3943	DeChelly	2373'	+2980	Hermosa	4190'	+1163	Ismay Limestone	4888'	+465	Desert Creek	5092'	+261	Molas	5752'	-399	Mississippian	5860'	-507	Elbert	6202'	-849
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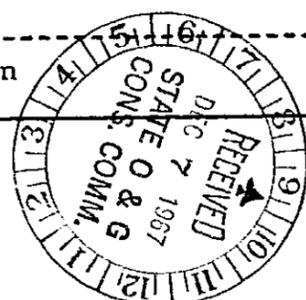
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Date	Depth	Drilling Information																								
<u>1967</u>																										
Dec. 5	6192'	Drilling - Basal Mississippian. Deviation at 6164' 1½°. Mud weight 9.8 -- Viscosity 45 -- Water Loss 6.4 cc's -- Filter cake 1/32nd -- PH 9. Circulated drilling break 6120' to 6140' - dolomite, sucrosic, no show.																								
Dec. 6	6302'	Drilling in Elbert Section. Top of Elbert at 6195' (-842) +274' to the Superior well. Mud weight 9.8 -- Viscosity 44 -- Water Loss 5.8 -- Filter cake 1/32 -- PH 9 -- Deviation at 6272' 1½°.																								
Dec. 7	6380'	Drilling in McCracken formation. Top of McCracken at 6325' (-972) +288' to Superior "H" well. McCracken Section dolomite, tan to grey, with fine grained sandstone, hard and tite, no show. Averaging 10 minutes per foot drilling time. Mud weight 9.8 -- Viscosity 48 -- Water Loss 5.8 ccs. Filter cake 1/32nd -- PH 9.0. Went in at 6355' with button bit.																								
Dec. 8	6432'	<p>Pulled DST # 2 - 6422' to 6432' - McCracken dolomitic sandstone. Drilling break 6422' to 6432' - broke from 16-21-11-9-6-4-4-6-4-6-10-8. Good stain, fluorescence and cut. 15 Net Unit on Hot Wire.</p> <p>Tool open 2 hours - weak air blow throughout Recovered 35' oil cut drilling mud.</p> <table data-bbox="613 1896 1231 2096"> <tr><td>IFP</td><td>29#</td></tr> <tr><td>FFP</td><td>29#</td></tr> <tr><td>ISIP - 60 Min.</td><td>145#</td></tr> <tr><td>FSIP - 150 Min.</td><td>203#</td></tr> <tr><td>Initial Hydrostatic</td><td>3485#</td></tr> <tr><td>Final Hydrostatic</td><td>3485#</td></tr> </table> <p>Bottom hole temperature 130°. Preparing to drill ahead.</p>	IFP	29#	FFP	29#	ISIP - 60 Min.	145#	FSIP - 150 Min.	203#	Initial Hydrostatic	3485#	Final Hydrostatic	3485#												
IFP	29#																									
FFP	29#																									
ISIP - 60 Min.	145#																									
FSIP - 150 Min.	203#																									
Initial Hydrostatic	3485#																									
Final Hydrostatic	3485#																									
Dec. 9	6502'	Drilling - McCracken/Anneth section. Top of McCracken/Anneth at 6485' (-1132) +152' to the Superior well. No shows in Lower McCracken section. Drilling 10 to 15 minutes per foot. Mud weight 9.7 -- Viscosity -- 43 - Water Loss 4 cc's - Filter cake 1/32nd -- PH 9																								
Dec. 10	6587'	Drilling - Lynch Dolomite. Top of Lynch Dolomite at 6545' (-1192). No shows - drilling exceptionally hard and slow.																								
Dec. 11	6635'	<p>Lynch Dolomite. Conditioned hole, ran electric logs, tops as follows:</p> <table data-bbox="613 2467 1231 2724"> <tr><td>Chinle</td><td>1410'</td><td>+3943</td></tr> <tr><td>DeChelly</td><td>2373'</td><td>+2980</td></tr> <tr><td>Hermosa</td><td>4190'</td><td>+1163</td></tr> <tr><td>Ismay Limestone</td><td>4888'</td><td>+465</td></tr> <tr><td>Desert Creek</td><td>5092'</td><td>+261</td></tr> <tr><td>Molas</td><td>5752'</td><td>-399</td></tr> <tr><td>Mississippian</td><td>5860'</td><td>-507</td></tr> <tr><td>Elbert</td><td>6202'</td><td>-849</td></tr> </table>	Chinle	1410'	+3943	DeChelly	2373'	+2980	Hermosa	4190'	+1163	Ismay Limestone	4888'	+465	Desert Creek	5092'	+261	Molas	5752'	-399	Mississippian	5860'	-507	Elbert	6202'	-849
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continued

Date	Depth	Drilling Information										
1967 Nov. 28		FP 243# to 647# 60 Min. ISIP 1812# 180 Min. FSIP 2524# Initial Hydrostatic 2524# Final Hydrostatic 2524# Resistivity of water .066 at 130°, 65,000 parts per million. Going back in hole, preparing to mix mud, increase mud weight to counteract bottom hole pressure of 2524#.										
Nov. 29	5315'	Drilling. Deviation at 5270' 1 1/4°. Revised sample tops: Desert Creek 5055' (+298), 220' high to Superior well. Akah 5195' (+158), 240' high to Superior well. Two drilling breaks in Akah formation - 5227' to 5232' and 5244' to 5248'. 10 Unit gas kick on first break, 80 Unit gas kick on second break. No stain - dull gold fluorescence, section too thin for testing. Will evaluate from logs.										
Nov. 30	5456'	Drilling in Barker Creek. Deviation at 5393' 1 1/2°. <table data-bbox="513 1785 982 1956"> <tr><td>Mud weight</td><td>9.9</td></tr> <tr><td>Viscosity</td><td>43</td></tr> <tr><td>Water Loss</td><td>54 cc's</td></tr> <tr><td>Filter cake</td><td>2/32</td></tr> <tr><td>PH</td><td>10.5</td></tr> </table> Show in Barker Section from 5250' to 5260' - no drilling break, no kick on mud logging unit. Samples: Argillaceous tan sucrosic dolomite, fine crystalline, with stain, fluorescence, and cut. Will evaluate from logs and test if necessary.	Mud weight	9.9	Viscosity	43	Water Loss	54 cc's	Filter cake	2/32	PH	10.5
Mud weight	9.9											
Viscosity	43											
Water Loss	54 cc's											
Filter cake	2/32											
PH	10.5											
Dec. 1	5552'	Making a trip. <table data-bbox="513 2142 982 2299"> <tr><td>Mud weight</td><td>9.9</td></tr> <tr><td>Viscosity</td><td>42</td></tr> <tr><td>Water Loss</td><td>5.5</td></tr> <tr><td>Filter cake</td><td>2/32</td></tr> <tr><td>PH</td><td>9</td></tr> </table>	Mud weight	9.9	Viscosity	42	Water Loss	5.5	Filter cake	2/32	PH	9
Mud weight	9.9											
Viscosity	42											
Water Loss	5.5											
Filter cake	2/32											
PH	9											
Dec. 2	5715'	Drilling - Barker Creek Section. Deviation at 5684' 1 1/4°. No shows in Barker Creek Section. Mud weight 9.8 -- Viscosity 46 -- Water Loss 6.4 cc's -- Filter cake 1/32nd -- PH 10.5.										
Dec. 3	5845'	Tripping - Molas Section. Top of Molas at 5765' (-412) + 243' to the Superior well. Mud weight 9.8 -- Viscosity - 46 -- Water Loss 6 cc's -- Filter cake 1/32nd -- Ph 10.5. No shows in any of the Barker Creek Section.										
Dec. 4	6019'	Tripping. Deviation at 5894' 1 1/4°. Top of Mississippian at 5880' (-526) + 243' to the Superior well. Upper part of Mississippian 70% shale in samples. Averaged 4 to 5 min. per foot drilling time. Mud weight 9.7 -- Viscosity 42 -- Water Loss 6.8 cc's -- Filter cake 2/32nds -- PH 10.0										



425

Date	Depth	Drilling Information
1967		
Nov. 24	4650'	Drilling in Hermosa. Deviation at 4608' 1 1/2°. Mud weight 9.4 - viscosity 39 - water loss 9.6 cc's - filter cake 2/32 - PH 8
Nov. 25	4855'	Drilling - Lower part of Upper Hermosa. Expect Upper Ismay at approximately 4900'. Deviation at 4775' 1 1/2°. Mud weight 9.3 - viscosity 38 - water loss 10 - PH 8.5 - Filter cake 2/32 - no shows in Hermosa Section.
Nov. 26	5035'	Circulating samples. Deviation at 4927' 1 1/2°. Mud weight 9.4 - viscosity 61 - water loss 8.8 - PH 8.0 - Filter cake 2/32nds. Top of Upper Ismay at 4910' (+443) 175' high to comparison well. Lower Ismay at 4995' (+358) 175' high to comparison well. Drilling break 5010' to 5035' erratic drilling, breaking from 6 to 4 minutes per foot for a few feet - estimated 12 to 15 feet of porosity in the 25' section. 25 to 30 unit gas kick on unit logger. Samples - coarse, crystalline limestone, slightly fossilous, pin-point porosity with apparent fractures, dull gold fluorescence with weak cut. Preparing to run Drill Stem Test No. 1 from 5010' to 5035'. DRILL STEM TEST # 1 - 5010' to 5035' - Lower Ismay Section. Tool open 1 1/2 hours, gas to surface in 50 minutes with 3' flare. Recovered 35' of gas cut drilling mud. IFP 28# FFP 28# ISIP for 90 Min. 1706# FSIP for 90 Min. 1398# Initial Hydrostatic 2466# Final Hydrostatic 2437#
Nov. 27	5130'	Drilling in Desert Creek Section. Slight gas kick 5040' to 5047'. Samples as above - not worthy of testing. Approximate pick on Desert Creek at 5060' (+293).
Nov. 28	5185'	Running DRILL STEM TEST # 2 - 5157' to 5185' - Desert Creek Section. Drilling break 5160' to 5185'. 1 1/2 to 3 1/2 minutes per foot - 72 unit gas kick on mud logger. Samples - oolitic limestone, dull gold fluorescence, slow cut, no stain. DRILL STEM TEST # 2 - 5157' to 5185' - Desert Creek Section. Tool open 5 minutes for pre-blow, with gas to surface in 5 minutes. Shut in for one hour - reopened for two hours with gas to surface immediately. Measured 1,000,000 cft. in 10 minutes, 3/4" choke, 60# FP. Remained steady for one hour; at the end of one hour, spray of water to surface. Flow pressure increased to 160# - 3/4" choke, gas volume remained steady. Flow estimate of 2 bbls. of SW the last 60 minutes. Recovered 1290' SW, no oil or condensate.



425

MIAMI OIL PRODUCERS, INC.
 DAILY DRILLING PROGRESS REPORT PROSPECT # 154

Lease MIAMI -NAVAJO 41-54 Well # 1

Location NE $\frac{1}{2}$ NW $\frac{1}{2}$ Section 30-T41N-R30E, Apache County, Arizona

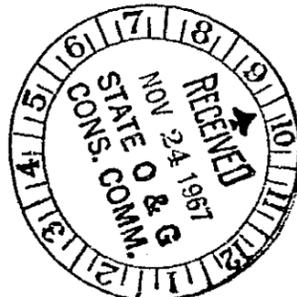
1980' FWL, 660' FNL

Elevation 5339' GL GEOLOGIST Weldon C. Julander

Projected TD 6500' Farmington, New Mexico

Contractor Loffland Bros. Drilling Co., Farmington, New Mexico

Date	Depth	Drilling Information
<u>1967</u>		
Nov. 15		Moving equipment and rigging up.
Nov. 16		Rigging up.
Nov. 17		Spud 3:00 p.m. 11/16/67. Drilled 15" surface hole to 389'. Ran 13 jts of 10 $\frac{1}{2}$ " OD 32.75# Grade H-40 surface casing, set at 389'. Cemented with 400 sx regular cement, 2% cc. Plug down at 5:00 a.m. 11/17/67. Good returns on cement. Deviation at 90' $\frac{1}{4}$ °; at 180' 1°; 236' 1 $\frac{1}{2}$ °; 389' 1°.
Nov. 18	1340'	Drilling in sand and shale. Deviation at 1263' 1°. Drilling with clear water.
Nov. 19	2037'	Drilling. Deviation at 2037' $\frac{1}{2}$ °.
Nov. 20	3050'	Drilling. Deviation at 2531' $\frac{3}{4}$ °, at 2906' 1 $\frac{1}{4}$ °. Viscosity 36 Water Loss 8.8 Mud weight 9.1
Nov. 21	3630'	Top of Chinle at 1460' (+3890), 165' high to Superior H-2 well. Top of deChelly at 2420' (+2933), 165' high to Superior H-2 well. No shows in upper section. Drilling in lime and shale. Deviation at 3393' 1 $\frac{3}{4}$ °. Mud weight 9.3, viscosity 36, water loss 12.2, filter cake 2/32nd. Rigging up Baroid Mud Logging Unit, today.



425

November 20, 1967

TelCall from Marjorie Lubbering, Miami Oil Producers

Re: Miami Oil Producers #1 Navajo
Permit 425

Had been in Houston on business--left word that we should be notified when well was spudded; however, it was overlooked.

Spudded at 3:00 p.m. on November 16, 1967.

Drilling today at 3050 feet.

Will send us copies of daily drilling report to bring us up to date and daily thereafter.

11-15-67

TelCall from Marjorie Lubbering, Secretary to Jack Stivers,
Vice President in charge of Production, Miami Oil Producers
Telephone: (915) 674-6253

Re: Miami Oil Producers #1 Navajo
Permit 425 //

Received Commissions' letter of 10-14-67. They had put in
the mail yesterday, 11-14-67, a letter giving Loffland Drilling,
Farmington, as contractor, preping the site at present, planning
to spud by 11-16 or 11-17-67, and enclosing a sundry report to
this effect.

It is definitely their intent to spud just as quickly as possible;
when they actually do will telephone or telegram. If for some
reason they are held up beyond 11-17-67 will advise and request
extension on permit.

They have been held up because drillers unavailable.

425

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator MIAMI OIL PRODUCERS, INC.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name MIAMI-NAVAJO 41-54 # 1
 Location NE 1/4 NW 1/4 - 660' FNL, 1980' FWL
 Sec. 30 Twp. 41N Rge. 30E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo 14-20-603-4154

5. Field or Pool Name Wildcat

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

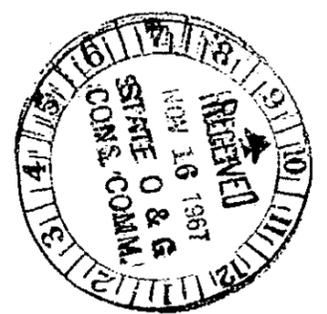
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	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"/>

(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.)

DRILLING CONTRACTOR - Loffland Bros. Drilling Co.
Farmington, New Mexico.

Contractor moving equipment to location. Expects to spud November 17th or 18th, 1967.



8. I hereby certify that the foregoing is true and correct.
 Signed Jaen Stevens Title Vice President Date Nov. 14, 1967

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

Permit No. 425

16

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

MIAMI OIL PRODUCERS, INC.

NAME OF COMPANY OR OPERATOR

P. O. Drawer 2040

Abilene
City

Texas 79604
State

Address

Will advise

Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo 14-20-603-4154	Well number # 1	Elevation (ground) 5339' GL
Nearest distance from proposed location to property or lease line: 660' feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: 0' feet	
Number of acres in lease: 1280	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

Well being drilled under farmout agreement with Chevron Oil Co.

Well location (give footage from section lines) **660' FNL & 1980' FWL** Section—township—range or block and survey **30 T 41 N R 30 E** Dedication (Comply with Rule 105) **80 acres**

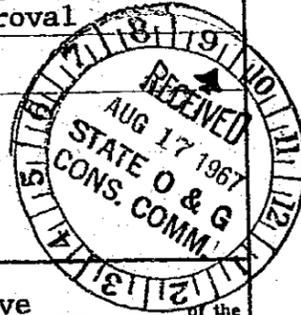
Field and reservoir (if wildcat, so state) **Wildcat** County **Apache**

Distance, in miles, and direction from nearest town or post office
30 Miles West of Shiprock, New Mexico

Proposed depth: **6500'** Rotary or cable tools **Rotary** Approx. date work will start **Upon approval**

Bond Status **Nat. Surety 5-11-85** Organization Report **On file XX** Or attached **Attached Yes**
Amount **\$5,000.00**

Remarks:
Designation of Operator to be furnished directly to your office by Chevron Oil Company.



CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Representative** of the

MIAMI OIL PRODUCERS, INC. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature *Sam L. Hoyt*

Date **August 16, 1967**

Permit Number: **425**

Approval Date: **8-17-67**

Approved By: *John Bannister*

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

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**
Application to Drill or Re-enter
File Two Copies

Form No. 3

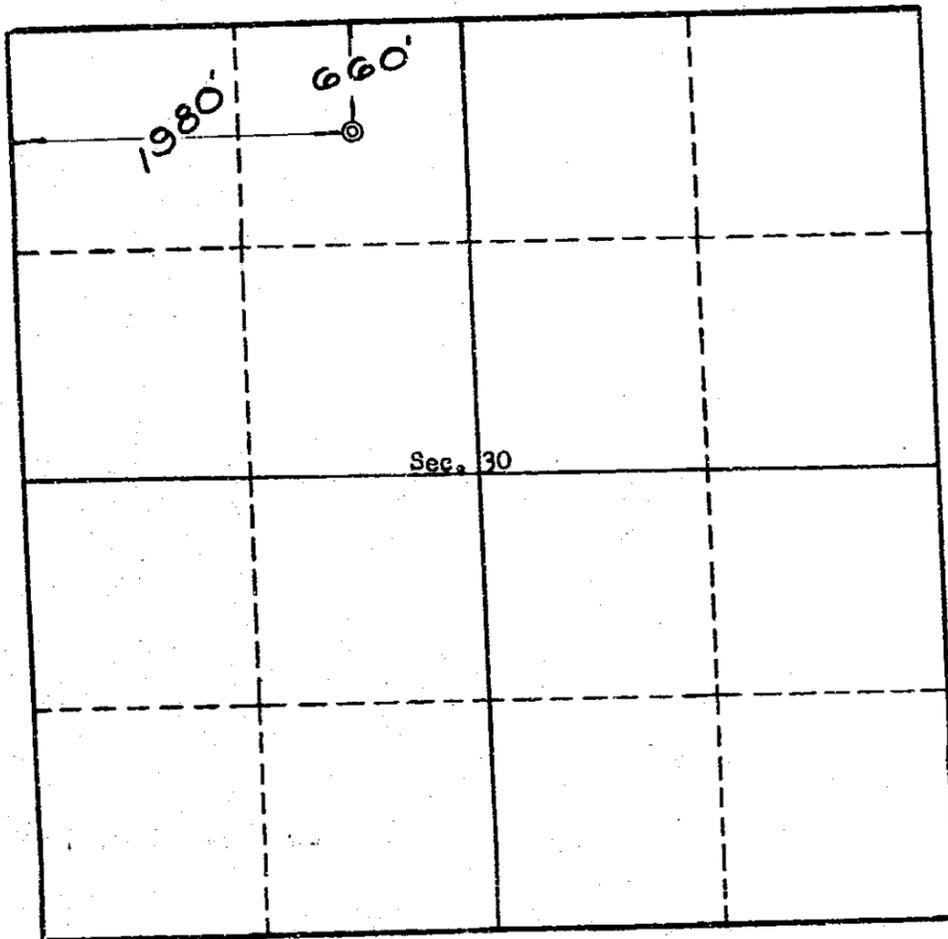
1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.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

Owner.	Land Description																
<div style="display: flex; justify-content: space-between;"> <div style="width: 55%;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%; height: 100px; vertical-align: middle;">O #1</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td style="height: 100px;"></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="height: 100px;"></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="height: 100px;"></td> <td></td> <td></td> <td></td> </tr> </table> </div> <div style="width: 40%; padding-left: 10px;"> <p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name: <i>[Signature]</i> Representative</p> <p>Position MIAMI OIL PRODUCERS, INC.</p> <p>Company August 16, 1967</p> <p>Date</p> <p>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> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p>Certificate No. _____</p> </div> </div>		O #1															
O #1																	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	24#	J-55	0	350	350	175 sx
5 1/2"	15 1/2#	J-55	0	6500'	6500-4000'	450 sx

Company Miami Oil Producers, Inc.
 Well Name & No. North Mesa #1
 Location 660 feet from the North line and 1980 feet from the West line.
 Sec. 30, T. 41 N., R. 30 E., G. & S. R. M., County Apache, Arizona
 Ground Elevation 5339, ungraded.



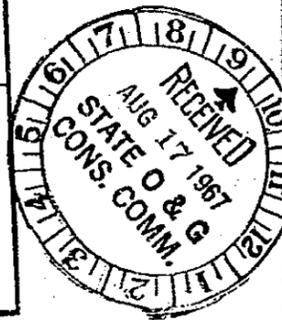
Scale, 1 inch = 1,000 feet

Surveyed June 15, 19 67

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



Ernest V. Echohawk
 Ernest V. Echohawk
 Registered Land Surveyor
 Arizona Registration No. 2311





PERMIT TO DRILL

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

To: MIAMI OIL PRODUCERS, INC.
(OPERATOR)

to drill a well to be known as
MIAMI OIL PRODUCERS #1 NAVAJO
(WELL NAME)

located 660' FWL and 1980' FWL (NE/4NW/4)

Section 30 Township 41N Range 30E, Apache County, Arizona.

The E/2 NW/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 17th day of August, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Kammeter
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (S.R.C., G), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT **Nº 425**
API N. 09-001-20049
RECEIPT NO. 9515

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

AREA CODE 915-677-6253 P. O. DRAWER 2040

Abilene, Texas 79604

CARL MILES
PRESIDENT

June 17, 1969

H25-0993

Mr. Weldon C. Julander
Petroleum Geologist
508 Security Building
650 17th Street
Denver, Colorado 80202

Dear Weldon:

Jim Scurlock, of the Oil and Gas Commission at Phoenix, is in need of some information relative to the location of the highway in conjunction with the location of our Navajo 41-54 well in Apache County. His address is 1624 W. Adams, Room 202, Phoenix, Arizona 85007.

Would appreciate it if you would get in touch with Mr. Scurlock and give him whatever information he needs.

Yours very truly,

Jack Stivers
Jack Stivers

JS:g

CC: Mr. Jim Scurlock ✓
Phoenix, Arizona

COPY

#425



KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 5-11-85-17

That we: MIAMI OIL PRODUCERS, INC.

of the County of: TAYLOR in the State of: TEXAS

as principal, and NATIONAL SURETY CORPORATION

of NEW YORK AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the Oil and Gas Conservation Commission, State of Arizona, in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents. The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas, helium, other minerals, or for stratigraphic purposes in and upon the following described land situated within the State, to wit:

NEW Sec. 30, Township 41N Range 30E, Apache County, Arizona
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect. Liability under this bond may not be terminated without written permission of this commission.

Penal sum of FIVE THOUSAND AND NONE (\$5,000.00)

Witness our hands and seals this 27th day of June, 1967

(Seal not required)

MIAMI OIL PRODUCERS, INC.

BY: [Signature]
Principal Vice-Pres.

Witness our hands and seals, this 27th day of June, 1967

NATIONAL SURETY CORPORATION

BY: [Signature]
A. C. Tinch, Jr., Attorney-in-Fact

[Signature]
Surety, Resident Arizona Agent Elaine Laass
(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 _____
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: _____

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



Permit No. 425

NATIONAL SURETY CORPORATION

A Member of The Fireman's Fund American Insurance Companies

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that NATIONAL SURETY CORPORATION, a Corporation duly organized and existing under the laws of the State of New York and having its principal office in the City of New York, New York, and its home office in the City and County of San Francisco, California, (hereinafter called the Corporation), has made, constituted and appointed, and does by these presents make, constitute and appoint

A. C. TINCH, JR. -----

of LUBBOCK and State of TEXAS its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver ANY AND ALL BONDS, RECOGNIZANCES, CONTRACTS, AGREEMENTS OF INDEMNITY AND OTHER CONDITIONAL OR OBLIGATORY UNDERTAKINGS -----

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

IN WITNESS WHEREOF, NATIONAL SURETY CORPORATION has caused these presents to be signed by its Assistant Vice President, attested by its Assistant Secretary, and its corporate seal to be hereto affixed this 21ST day of OCTOBER A.D. 19 65 NATIONAL SURETY CORPORATION

(Seal) By JAMES H. WELLS James H. Wells, Assistant Vice President

ATTEST: ROBERT P. J. COONEY ROBERT P. J. COONEY Secretary

STATE OF CALIFORNIA CITY AND COUNTY OF SAN FRANCISCO } ss

On this 21ST day of OCTOBER A.D. 19 65 before me personally came JAMES H. WELLS to me known, who, being by me duly sworn, did depose and say, that he is Assistant Vice President of NATIONAL SURETY CORPORATION, the Corporation described in and which executed the above instrument, that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order. And said JAMES H. WELLS further said that he is acquainted with ROBERT P. J. COONEY and knows him to be an Assistant Secretary of said Corporation; and that he executed the above instrument.

ETHEL L. WATKINS Notary Public ETHEL L. WATKINS

STATE OF CALIFORNIA CITY AND COUNTY OF SAN FRANCISCO } ss: My Commission Expires March 2, 1967

I, ROBERT P. J. COONEY Secretary of NATIONAL SURETY CORPORATION, do hereby certify that the following is a full, true and correct copy of Article VIII of the By-laws of the NATIONAL SURETY CORPORATION adopted on the 5th day of September, 1962, and now in full force and effect, to wit:

ARTICLE VIII

Appointment and Authority of Resident Assistant Secretaries, and Attorneys-in-Fact and Agents to Accept Legal Process and Make Appearances.

SECTION 30. APPOINTMENT. The Chairman of the Board of Directors, the President, any Vice President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice President, may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

SECTION 31. AUTHORITY. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact, and Agents shall be as prescribed in the instrument evidencing their appointment, and any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment.

And I do hereby further certify that the following is a full, true and correct copy of an Instrument of Authority executed on the 15th day of June, 1964, pursuant to Article VIII, Section 30 and Section 31, of the By-laws of NATIONAL SURETY CORPORATION, and that said Instrument of Authority is now in full force and effect, to wit:

INSTRUMENT OF AUTHORITY. KNOW ALL MEN BY THESE PRESENTS: That James H. Wells, Assistant Vice-President of NATIONAL SURETY CORPORATION, is hereby vested with full power and authority to appoint and revoke Resident Assistant Secretaries or Attorneys-in-Fact of this Corporation and Agents to accept legal process and make appearances for and on behalf of this Corporation under and pursuant to Article VIII, Section 30 and Section 31, of the By-laws of this Corporation.

NATIONAL SURETY CORPORATION By STUART D. MENIST Stuart D. Menist, Vice-President

And I do hereby further certify that STUART D. MENIST, who executed said Instrument of Authority, is, and at the time of the execution thereof was a Vice-President and duly authorized to so act on behalf of said NATIONAL SURETY CORPORATION, and that JAMES H. WELLS, who executed the foregoing Power of Attorney on behalf of said Corporation, is, and at the time of the execution thereof was Assistant Vice-President and duly authorized to so act on behalf of said NATIONAL SURETY CORPORATION.

And I do hereby further certify that the Certification of this Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolution adopted by the Board of Directors of the NATIONAL SURETY CORPORATION at a meeting duly called and held on the 7th day of June 1962, and that said resolution has not been amended or repealed:

RESOLVED, that the signature of any Assistant Secretary of this Corporation, and the seal of this Corporation, may be affixed or printed by facsimile to any certificate to a Power of Attorney of this Corporation, and that such printed facsimile signature and seal shall be valid and binding upon this Corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of NATIONAL SURETY CORPORATION, this 26TH day of OCTOBER 19 65

(Corporate Seal)

ROBERT P. J. COONEY ROBERT P. J. COONEY Secretary of NATIONAL SURETY CORPORATION

CERTIFICATE

I, **WINIFRED H. BROWNE**, Assistant Secretary of NATIONAL SURETY CORPORATION, a Corporation of the State of New York, do hereby certify that the above and foregoing is a full, true and correct copy of the original power of attorney issued by said Corporation and that I have compared same with the original and that it is a correct transcript therefrom and of the whole of the original. Said power of attorney is in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto by facsimile set my hand and affixed the seal of said Corporation, at the City County of San Francisco, this 27th day of June, 1957.



Winifred H. Browne
Assistant Secretary

NATIONAL SURETY CORPORATION

A Member of The Fireman's Fund American Insurance Companies

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that NATIONAL SURETY CORPORATION, a Corporation duly organized and existing under the laws of the State of New York and having its principal office in the City of New York, New York, and its home office in the City and County of San Francisco, California, (hereinafter called the Corporation), has made, constituted and appointed, and does by these presents make, constitute and appoint **ELAINE LAASS** - - - - -

of **PHOENIX** and State of **ARIZONA**
its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver **ANY AND ALL BONDS, RECOGNIZANCES, CONTRACTS, AGREEMENTS OF INDEMNITY AND OTHER CONDITIONAL OR OBLIGATORY UNDERWRITINGS** - - - - -

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

IN WITNESS WHEREOF, NATIONAL SURETY CORPORATION has caused these presents to be signed by its Assistant Vice President, attested by its Assistant Secretary, and its corporate seal to be hereto affixed this **23RD** day of **FEBRUARY** A.D. 19 **66**
NATIONAL SURETY CORPORATION

(Seal) By **JAMES H. WELLS**
James H. Wells, Assistant Vice President

ATTEST: **WINIFRED H. BROWNE** Assistant Secretary

STATE OF CALIFORNIA }
CITY AND COUNTY OF SAN FRANCISCO } ss.:

On this **23RD** day of **FEBRUARY** A.D. 19**66**, before me personally came **JAMES H. WELLS**, to me known, who, being by me duly sworn, did depose and say, that he is Assistant Vice President of NATIONAL SURETY CORPORATION, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order. And said **JAMES H. WELLS** further said that he is acquainted with **WINIFRED H. BROWNE** and knows him to be an Assistant Secretary of said Corporation; and that he executed the above instrument.

ETHEL L. WATKINS
ETHEL L. WATKINS Notary Public

STATE OF CALIFORNIA }
CITY AND COUNTY OF SAN FRANCISCO } ss.:

My Commission Expires **March 2, 1967**

I, **WINIFRED H. BROWNE**, Assistant Secretary of NATIONAL SURETY CORPORATION, do hereby certify that the following is a full, true and correct copy of Article VIII of the By-laws of the NATIONAL SURETY CORPORATION adopted on the 6th day of September, 1962, and now in full force and effect, to wit:

ARTICLE VIII

Appointment and Authority of Resident Assistant Secretaries, and Attorneys-in-Fact and Agents to Accept Legal Process and Make Appearances.

"SECTION 30. APPOINTMENT. The Chairman of the Board of Directors, the President, any Vice President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice President, may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation."

"SECTION 31. AUTHORITY. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact, and Agents shall be as prescribed in the instrument evidencing their appointment, and any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

And I do hereby further certify that the following is a full, true and correct copy of an Instrument of Authority executed on the 15th day of June, 1964, pursuant to Article VIII, Section 30 and Section 31, of the By-laws of NATIONAL SURETY CORPORATION, and that said Instrument of Authority is now in full force and effect, to wit:

"INSTRUMENT OF AUTHORITY. KNOW ALL MEN BY THESE PRESENTS: That James H. Wells, Assistant Vice-President of NATIONAL SURETY CORPORATION, is hereby vested with full power and authority to appoint and revoke Resident Assistant Secretaries or Attorneys-in-Fact of this Corporation and Agents to accept legal process and make appearances for and on behalf of this Corporation under and pursuant to Article VIII, Section 30 and Section 31, of the By-laws of this Corporation.

NATIONAL SURETY CORPORATION
By **STUART D. MENIST**
Stuart D. Menist, Vice-President

And I do hereby further certify that **STUART D. MENIST**, who executed said Instrument of Authority, is, and at the time of the execution thereof was a Vice-President and duly authorized to so act on behalf of said NATIONAL SURETY CORPORATION, and that **JAMES H. WELLS**, who executed the foregoing Power of Attorney on behalf of said Corporation, is, and at the time of the execution thereof was Assistant Vice-President and duly authorized to so act on behalf of said NATIONAL SURETY CORPORATION.

And I do hereby further certify that the Certification of this Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolution adopted by the Board of Directors of the NATIONAL SURETY CORPORATION at a meeting duly called and held on the 7th day of June 1962, and that said resolution has not been amended or repealed:

"RESOLVED, that the signature of any Assistant Secretary of this Corporation, and the seal of this Corporation, may be affixed or printed by facsimile to any certificate to a Power of Attorney of this Corporation, and that such printed facsimile signature and seal shall be valid and binding upon this Corporation."

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of NATIONAL SURETY CORPORATION, this **23RD** day of **FEBRUARY** 19 **66**

(Corporate Seal) **WINIFRED H. BROWNE**
WINIFRED H. BROWNE Assistant Secretary of NATIONAL SURETY CORPORATION

CERTIFICATE

I, **WINIFRED H. BROWNE**, Assistant Secretary of **NATIONAL SURETY CORPORATION**, a Corporation of the State of New York, do hereby certify that the above and foregoing is a full, true and correct copy of the original power of attorney issued by said Corporation and that I have compared same with the original and that it is a correct transcript therefrom and of the whole of the original. Said power of attorney is in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto by facsimile set my hand and affixed the seal of said Corporation, at the City County of San Francisco, this.....day of..... 19.....

Winifred H. Browne
Assistant Secretary



Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253 P. O. DRAWER 2040

Abilene, Texas

December 22, 1967

CARL MILES
PRESIDENT

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

Re: Navajo 41-54
Apache County, Arizona

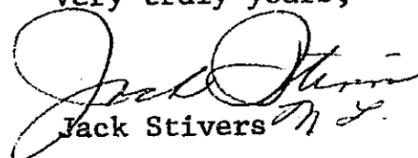
Dear Mr. Bannister:

We enclose in duplicate Form No. 25 in duplicate, Subsequent Report of Abandonment. We also enclose copies of forms as filed with the United States Geological Survey, in connection with the plugging of this well.

By telephone call to your office today, we requested that we be furnished with the State of Montana Well Log report in order that we might also file with your office.

We enclose one copy of each electrical survey. If further information is needed, kindly advise.

Very truly yours,


Jack Stivers M.S.

JS:mdl
Enclosures

425

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253 P. O. DRAWER 2040

Abilene, Texas

November 14, 1967

CARL MILES
PRESIDENT



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

Re: Miami Oil Producers # 1 Navajo
NE NW 30-41N-30E, Apache County,
Arizona - - - Permit No. 425

Dear Mr. Bannister:

With reference to the above location, we are now able to advise that drilling contractor will be Loffland Bros. Drilling Company of Farmington, New Mexico.

We enclose in duplicate your Form 25 setting out anticipated spud date.

Very truly yours,

Jack Stivers
Jack Stivers

JS:mdl
Enclosures

November 14, 1967

Miami Oil Producers, Inc.
P.O. Drawer 2040
Abilene, Texas 79604

Re: Miami Oil Producers #1 Navajo
NE NW 30-41N-30E, Apache County, Arizona
Permit 425

Gentlemen:

This is to call your attention to Rule 102.A.3, which states that: "Unless operations are commenced within 90 days after date of approval, the permit to drill will become null and void unless an extension in writing is granted by the Commission."

Captioned permit was issued August 17, 1967 and of course will expire November 17, 1967 unless there has been compliance with the cited rule.

Should you have any questions, please contact us.

Very truly yours,

John Bannister
Executive Secretary
mj

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253 P. O. DRAWER 2040

Abilene, Texas

CARL MILES
PRESIDENT

October 7, 1967

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



Dear Sir:

In reply to your letter of October 5, 1967, we are attaching copy of Designation of Operator executed by Chevron Oil Company on the drill site involved. This was filed with the United States Geological Survey, but inadvertently failed to send you a copy.

We are still unable to advise contractor's name as we have not let the contract. If somebody is on the drillsite drilling, it is unknown to us. Undoubtedly, you have heard a false rumor.

We do expect to select a contractor and commence operations approximately November 1st. You will be advised accordingly.

Very truly yours,

Jack Stivers
Jack Stivers

JS:mdl
Enclosure

425

DESIGNATION OF OPERATOR

Indian Affairs

The undersigned is, on the records of the Bureau of ~~Land Management~~ ^{Indian Affairs}, holder of lease

~~DISTRICT LAND OFFICE~~ Navajo Indian Tribe
SERIAL NO.: 14-20-603-4154

and hereby designates

NAME: **Misal Oil Producers, Inc.**
ADDRESS: **P. O. Drawer 2040**
Abilene, Texas

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 North, Range 30 East, G & SW
Section 30: ~~SW~~

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

CHEVRON OIL COMPANY

By H. A. Jones
Contract Agent, Western Division

By [Signature]
Assistant ~~Secretary~~ Secretary

P. O. Box 599
Denver, Colorado 80201

August 16, 1967

(Date)

(Address)

October 5, 1967

Miami Oil Producers, Inc.
P.O. Drawer 2040
Abilene, Texas 79604

Re: Miami Oil Producers #1 Navajo
NE NW 30-41N-30E, Apache County, Arizona
Permit 425

Gentlemen:

In our letter of August 17, 1967 we requested that you furnish this office with the name and address of your drilling contractor and a designation of operator from Chevron Oil Company. To date we have not received this.

We also call your attention to the fact that this Commission should be kept currently informed as to the operations on a well drilling anywhere in Arizona. For your convenience, we are enclosing a copy of our current rules and regulations as well as a general data sheet.

This office has heard rumors that a driller is on site and that the well is spudded. Your comments, therefore, concerning the current status of your operations would be appreciated.

Should you have any questions, or if this office may be of assistance to you at any time, please contact us.

Very truly yours,

John Bannister
Executive Secretary
mf
enc

August 17, 1967

Miami Oil Producers, Inc.
P.O. Drawer 2040
Abilene, Texas 79604

Re: Miami Oil Producer #1 Navajo
NE NW 30-41N-30E, Apache County, Arizona
Permit 425

Gentlemen:

Enclosed are permit to drill, approved application, and receipt for the filing fee, covering captioned well.

Please note that we have assigned for your 80-acre dedication to this well the east half of the northwest quarter.

Will you please furnish us with the name and address of your drilling contractor, or, if you are using company tools, will you please indicate that to us.

We note your remark that designation of operator will be furnished directly to us by Chevron Oil Company. Of course we must receive this in the very near future.

If you have any questions, or if this office may in any way be of help to you, please contact us. We wish you great success in this well.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253 P. O. DRAWER 2040

Abilene, Texas

July 25, 1967

CARL MILES
PRESIDENT

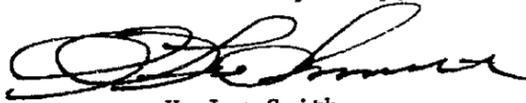
Arizona Oil & Gas Conservation Commission
1624 W. Adams, Room 202-271-5161
Phoenix, Arizona

Gentlemen:

We enclose herewith executed Organization Report for Miami Oil Producers, Inc.

Please acknowledge receipt of same by initialling and returning to us the attached copy of this letter.

Yours very truly,



H. Lee Smith

HLS:ld
enc.

OK
AB



425



FIREMAN'S
FUND
AMERICAN

INSURANCE COMPANIES

PHOENIX BRANCH OFFICE: 3800 NORTH CENTRAL AVENUE, SUITE 505 - PHOENIX, ARIZONA 85013

Condy C. Meenan: RESIDENT VICE PRESIDENT

July 5, 1967

PHONE: 264-5621

Mr. John Bannister, Executive Secretary
Oil & Gas Conservation
1624 West Adams Street, Room 202
Phoenix, Arizona

Re: MIAMI OIL PRODUCERS, INC.
Bond 5-11-85-17

Dear Sir:

Enclosed is the above bond executed by the National Surety Corporation and countersigned by myself as Arizona Resident Agent. The bond is in the amount of \$5,000 and is effective June 27, 1967.

Yours truly,

Elaine Laass
ELAINE LAASS,
Bond Department

EL:bh
encl

cc - National Surety Corporation
10 Briercroft Office Park
Lubbock, Texas, 79401
Attn: A. C. Tinch, Jr.

