

1a. TYPE OF WELL										7. Unit Agreement Name																																		
b. TYPE OF COMPLETION										8. Farm or Lease Name																																		
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐										State "J"																																		
2. Name of Operator										9. Well No.																																		
Mobil Oil Corporation										9																																		
3. Address of Operator										10. Field and Pool, or Wildcat																																		
Box 633, Midland, Texas 79701										North Vacuum, Abo																																		
4. Location of Well										12. County																																		
UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 860 FEET FROM THE East LINE OF SEC. 22 TWP. 17-S RGE. 34-E NMPM										Lea																																		
15. Date Spudded					16. Date T.D. Reached					17. Date Compl. (Ready to Prod.)					18. Elevations (DF, RKB, RT, GR, etc.)					19. Elev. Casinghead																								
1-22-72					1-30-72					2-7-72					4038.8 Gr					--																								
20. Total Depth					21. Plug Back T.D.					22. If Multiple Compl., How Many					23. Intervals Drilled By					Rotary Tools					Cable Tools																			
8800					--					--					--					X					--																			
24. Producing Interval(s), of this completion -- Top, Bottom, Name															25. Was Directional Survey Made																													
8642-8704 North Vacuum Abo															no																													
26. Type Electric and Other Logs Run															27. Was Well Cored																													
Schl. Snp, Gr-calipers, Gr-collar-corr															no																													
28. CASING RECORD (Report all strings set in well)																																												
CASING SIZE					WEIGHT LB./FT.					DEPTH SET					HOLE SIZE					CEMENTING RECORD					AMOUNT PULLED																			
12-3/4"					38.0#					268					17-1/2"					450#					--																			
8-5/8"					24.0# & 28#					3065					11"					1400#																								
5-1/2"					15.5# & 17.5#					8800					7-7/8"					2300#																								
29. LINER RECORD															30. TUBING RECORD																													
SIZE					TOP					BOTTOM					SACKS CEMENT					SCREEN					SIZE					DEPTH SET					PACKER SET									
																									2-3/8"					8752					--									
31. Perforation Record (Interval, size and number)															32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																													
8642, 45, 53, 60, 76, 77, 78, 83, 88, 89, 94 & 8702, 03, 04 2-JSPF total of 28 holes															DEPTH INTERVAL															AMOUNT AND KIND MATERIAL USED														
															8642-8704															Runco acidized w/10,000 gals														
																														15% NE Acid w/5#FR/1000 gals														
																														using 28 RCHB sealers														
33. PRODUCTION																																												
Date First Production					Production Method (Flowing, gas lift, pumping -- Size and type pump)										Well Status (Prod. or Shut-in)																													
2-4-72					Pumping 2" x 1-1/4 x 10'										Prod.																													
Date of Test					Hours Tested					Choke Size					Prod'n. For Test Period					Oil -- Bbl.					Gas -- MCF					Water -- Bbl.					Gas -- Oil Ratio									
2-13-72					24					2" Tub					--					72					105.8					2 BLW					1470									
Flow Tubing Press.					Casing Pressure					Calculated 24-Hour Rate					Oil -- Bbl.					Gas -- MCF					Water -- Bbl.					Oil Gravity -- API (Corr.)														
--					--					--					--					--					--					37.6														
34. Disposition of Gas (Sold, used for fuel, vented, etc.)															Test Witnessed By																													
sold															H.R. Elledge																													
35. List of Attachments																																												
(1) Daily Drilling Report Summary																																												
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.																																												
SIGNED <i>[Signature]</i>															TITLE Authorized Agent															DATE 2-17-72														

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy **1618**
T. Salt
B. Salt
T. Yates
T. 7 Rivers **3016**
T. Queen **3864**
T. Grayburg
T. San Andres **4613**
T. Glorieta **6079**
T. Paddock
T. Blinebry
T. Tubb **7494**
T. Drinkard
T. Abo **8172**
T. Wolfcamp
T. Penn.
T. Cisco (Bough C)

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T. Delaware Sand
T. Bone Springs
T. **Yeso 6150**

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn. "A"

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Qtzte
T. Granite

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	241	TD	Gravel Sand & Red Bed				
241	1555		Red Bed				
1555	1812		Anhy				
1812	2265		Salt & Anhy				
2265	3065		Anhy				
3065	3201		Lime				
3201	3463		Anhy				
3463	8800		Lime				

DAILY DRILLING REPORT

State "J" #9

STATE "J" #9, 1980' FNL & 860' FEL, Sec 22, T17S, R34E, Lea County, New Mexico. OBJECTIVE: Drill & complete a single Abo producer in North Vacuum Field. - AFE #1154 - MOBIL INT. 100% - EST. COST \$133,000.

1/12/72 Marcum Drlg Co MIT, prep to rig up.

STATE "J" #9

1/13 (1) 268 ND red bed 17½" hole, ¾° 268. N. Mud.
Marcum Drlg Co spud in @ 2:30 p.m. 1-12-72, ran 7 jts 268' 12-3/4" o.d. 38.0# ST&C csg cmtd on bottom @ 268 by BJ Ser w/ 450 sx Class H cmt w/ 1/4# flocele + 2% CaCl per sx, PD @ 7:00 p.m. 1-12-72, cmt circ, WOC.

STATE "J" #9

1/14 (2) 1767 drlg salt, 11" hole, ¾° 1720. Br. Wtr.
WOC total 18 hrs on 12-3/4" csg.

STATE "J" #9

1/15 (3) 2881 drlg anhy, 11" hole, 1½° 2490. Br. Wtr.

1/17 (5) 3440 drlg anhy, 7-7/8" hole, 1½° 3065. Fr. Wtr.
Ran 73 jts 3065' 8-5/8" o.d. 28.0# & 24.0# J-55 ST&C csg cmtd on bottom @ 3065 by BJ Ser Co w/ 1200 sx TLLW w/ 7½# salt/sx + 200 sx Class C cmt w/ 2.6# salt/sx, PD @ 1:00 a.m. 1-16-72, cmt circ, WOC 18 hrs, tested 8-5/8" csg 1000# ok.

STATE "J" #9

1/18 (6) 3910 ND anhy & sd, 7-7/8" hole, 1° Fr. Wtr.
3910, circ 3½ hrs @ 3910, POH, prep to run DST #1 test down zone 3825-3910.

STATE "J" #9

1/19 (7) 4415 drlg 1m 7-7/8" hole, NND. Fr. Wtr.
DST #1 by Johnston, Queen form 3825-3910, 2 pkrs, 5/8" x 1" ck, tool open 30 min, open w/ V wk blow, cont throughout test, SI 30 min for BHSIP, POH, rec 15' drlg fluid, SFP 0 BHFPI 66#, F 66#, 30 min, FBHSIP 79#, HH in 1804#, out 1791#, 30 min IBHSIP 104#.

STATE "J" #9

1/20 (8) 4767 drlg 1m 7-7/8" hole, 1½° 4510. Fr. Wtr.

STATE "J" #9

1/21 (9) 5360 drlg 1m 7-7/8" hole, 1° 5140. Fr. Wtr.

STATE "J" #9

1/22 (10) 6082 drlg 1m 7-7/8" hole, ¾° 5900. Fr. Wtr.
1/24 (12) 6840 drlg 1m 7-7/8" hole, ¾° 6740.

STATE "J" #9

1/25 (13) 7258 drlg 1m 7-7/8" hole, 1/2° 7225. Fr. Wtr.

STATE "J" #9

1/26 (14) 7630 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

- 1/27 STATE "J" #9
(15) 7865 drlg lm 7-7/8" hole, Fr. Wtr.
3/4" 7670.
- 1/28 STATE "J" #9
(16) 8255 drlg lm 7-7/8" hole, Fr. Wtr.
1" 8180.
- 1/29 STATE "J" #9
(17) 8502 drlg lm, 7-7/8" hole, 2" @ 8360. Fr Wtr.
- 1/31 (19) 8800 TD lm, 7-7/8" hole, 1/2" @ 8800, 9.0-35-15.0.
finish hole, circ 2 hrs, P & LD DP & DC's, Schl ran SNP
& GR-Caliper logs 0-8799, now running 5 1/2 csg 29 jts in
hole.
- 2/1 STATE "J" #9, 8800 TD.
WOC on 5 1/2 csg, ran 275 jts 5 1/2 OD 17.0# & 15.50# J-55 ST&C &
LT&C 8rd used csg (6207' 17.0# on bottom) to 8800, BJ Serv
cemtd csg on bottom @ 8800 w/ 2100x TLLW containing 1/4#
Celloflake in 1st 1000x + 200x Class C Neat, PD @ 2:00 p.m.
1/31/72, cmt circ, set slips, cut off csg, Rel Marcum Drlg
Co rig @ 5:00 p.m. 1/31/72.
- 2/2 STATE "J" #9, 8800 TD.
MOT.
- 2/3 STATE "J" #9, 8800 TD
Finish MOT, instl unit anchors, prep to complete.
- 2/4 STATE "J" #9, 8800 TD.
MIRU DA&S Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5 1/2 csg
scraper on 2-3/8 tbg to 8730, test csg to 1500#/ok, displ
hole w/ lse oil, spot 500 gals 15% NE acid, pull 20 jts of
tbg, SD for nite.
- 2/5 STATE "J" #9, 8800 TD.
Finish POH, Schl ran GR-Collar-Corr log 8400-8757, then perf
5 1/2 csg in the Abo @ 8642; 45; 53; 60; 76; 77; 78; 83; 88; 89;
94; 8702; 03; & 8704 w/ 2 JSPF, total 28 holes, ran Baker
Model R pkr on 2-3/8 tbg set 8097', Runco displ acid into
form, TTP 3600-4800, AIR 2.0 BPM, ISIP 3600, 5 min 3300, reset
pkr @ 8618, S 29 BLO/2 hrs, 2000' FIH, fr sh of gas, Runco
acidized perfs w/ 10,000 gals 15% NE acid w/ 5# FR/1000 gals,
used 28 RCNB, TTP 4900-5400, AIR 5.3 BPM, ISIP 4200, 5 min 4000,
15 min 3800, job compl @ 6:25 p.m. 2/4/72, S 44 BLO + 8 BNO +
50 BAW/9 hrs, L hr S 5 bbls, S/O 60% oil, 4000' FIH, gd sh of
gas. - 202 BAW.
- 2/6 S & F 62 BNO + 18 BAW/10 hrs, L hr S 8 bbls, S/O 85% oil,
2000' FIH, gd sh of gas, prep to POP. - 184 BAW.
- 2/7 STATE "J" #9
SI 14 hrs, TP 500, bled off press, rel pkr, POH, LD 64 jts
2-3/8 tbg, ran 2-3/8 tbg, OP to 8752, T. Perfs 8718-21, SN
@ 8717, 4 jts tbg, Baker AC set @ 8590 w/ 20,000# T, 210 jts
2-3/8 tbg to 1970, 2-7/8 EUE 8rd tbg, 63 jts to surf, remove
BOP, inst'l wellhead, SD for nite. - 165 BLO + 184 BAW.

2/8 STATE "J" #9, 8800 TD.
 Ran pump & rods to SN @ 8717, spaced out, clamped off, RD,
 Rel' unit & Rel well to Prod @ 6:00 p.m. 2/7/72.
 - 165 BLO + 184 BAW.

2/9 STATE "J" #9, 8800 TD.
 P 108 BLO + 6 BAW/18 hrs, - 57 BLO + 178 BAW.

2/10 STATE "J" #9, 8800 TD.
 P 67 BLO + 73 BNO + 9 BAW/24 hrs. - 169 BAW.

2/11 STATE "J" #9, 8800 TD.
 P 113 BNO + 45 BLW/24 hrs. - 124 BLW.

2/12 STATE "J" #9, 8800 TD.
 P 108 BNO + 15 BLW/24 hrs. - 109 BLW.

2/13 P 78 BNO + 2 BLW/24 hrs, 110' FIH. - 107 BLW.

2/14/72 NM OCC POT TEST: P 72 BNO + 2 BLW/24 hrs, 12 - 1½ x 100" SPM,
 POTENTIAL GOR 1470/l, Grav 37.6 @ 60, Allow 72 BOPD (NP), Top 382,
 Cap 72. Compl 2/4/72.
FINAL REPORT.