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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-1527-2

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	
2. Name of Operator		Mobil Oil Corporation	
3. Address of Operator		Box 633, Midland, Texas 79701	
4. Location of Well		UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>2380</u> FEET FROM <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMMPM	
15. Date Spudded		16. Date T.D. Reached	
4-14-72		5-6-72	
17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
5-13-72		4011.7	
19. Elev. Casinghead		--	
20. Total Depth		21. Plug Back T.D.	
8850			
22. If Multiple Compl., How Many		23. Intervals Drilled By	
No		Rotary Tools ☒ Cable Tools ☐	
24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made	
8657-8759 Vacuum Abo North		No	
26. Type Electric and Other Logs Run		27. Was Well Cored	
GR-C, GRN-SNP & Caliper		No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
12-3/4"	34.#	296'	17-1/2"
8-5/8"	28.#	3220'	11"
5-1/2"	17.0#&15.50#	8850	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
450 sxs.			
1400 sxs.			
2300 sxs.			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET		
2-3/8	8817		
31. Perforation Record (Interval, size and number)			
8657, 62, 63, 95, 96, 97, 8704, 05, 06, 15, 16, 17, 18, 40, 47, 48, 49, 50, 51, 52, 57, 58 & 8759 w/1 sh/interval			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8657-8759		10,000 gals. 15% NE Acid and 25 RCNB	
33. PRODUCTION			
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)
5-15-72	Pumping 8 x 1-1/4 x 120" SPM		Prod.
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
5-24-72	24		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
			124 121.5 6 980
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
hookup are complete		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 <u>Christine O. Tucker</u>		TITLE <u>Proration Clerk</u>	
DATE <u>May 25, 1972</u>			

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

Northwestern New Mexico

T. Anhy _____	1793	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____		T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____		T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	3072	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____		T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	4016	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____		T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	4712	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	6176	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	7524	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____		T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	8214	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____
T. Penn. _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____		T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	296		Red Bed				
296	2100		Anhydrite				
2100	2975		Salt & Anhydrite				
2975	3220		Anhydrite				
3220	8850	T.D.	Lime				

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DAILY DRILLING REPORT

State "A" Com #1

STATE "A" COM #1, 660' FSL & 2380' FWL Sec 7, T-17-S, R-35-E, Lea Co, NM.
OBJECTIVE: Drill and complete single Abo producer. AFE 2114 - Mobil Intr
100% - Est Cost \$133,000.

4/13/72 Marcum Drlg Co MIT.

STATE "A" COM #1

4/14 Marcum Drlg Co 100% RU, prep to spud.

STATE "A" COM #1

4/15 296 ND red bed, 17½" hole, 3/4 @ 296, Native Mud.
WOC on 12-3/4 csg, ran 7 jts 12-3/4" 34#/ft ST&C csg, Dowell
cmtd w/ 450x Class A cmt 2% CaCl2 & ¼# Flocele/x, PD @ 1:30 p.m.
4/14/72, cmt circ, Marcum Drlg Co spud 9:00 a.m. 4/14/72.

4/16 2100' drlg anhy, 11" hole, 3/4 @ 1830, WOC 18 hrs. Br Wtr.

4/17 (3) 2975 drlg salt & anhy, 11" hole, 3/4 @ 2500. Br Wtr.

STATE "A" COM #1

4/18 (4) 3220 ND anhy, 11" hole, 1° @ 3170, Br Wtr.
circ 1 hr, P & LD DP & DC's, now running 8-5/8 csg.

STATE "A" COM #1

4/19 (5) 3220 WOC on 8-5/8 csg, ran 78 jts 3220' 8-5/8 OD 28.0# &
24.0# 8rd ST&C csg, 1826' of 28.0# on bottom, Dowell cmtd csg
on bottom 3220 w/ 1200x TLLW containing 7.5# salt/x + 200x
Class C Neat cmt containing 2.6# salt/x, PD @ 1:15 p.m. 4/18/72,
cmt circ, WOC, prep to drill 7-7/8" hole.

STATE "A" COM #1

4/20 (6) 3875 drlg 1m, 7-7/8" hole, 3/4 @ 3835, Fr Wtr.
WOC total 18 hrs, test 8-5/8 csg & BOP's 1000#/ok.

STATE "A" COM #1

4/21 (7) 4395 drlg 1m, 7-7/8" hole, 3/4 @ 4340. Fr Wtr.

STATE "A" COM #1

4/22 (8) 4722 drlg 1m, 7-7/8" hole, 2° @ 4470. Fr Wtr.

4/24 (10) 5444 drlg 1m, 7-7/8" hole, 1-3/4 @ 4775. Fr Wtr.

STATE "A" COM #1

4/25 (11) 5650 drlg 1m, 7-7/8" hole, 2° @ 5490. Fr Wtr.

STATE "A" COM #1

4/26 (12) 6125 drlg 1m, 7-7/8" hole, 1-3/4 @ 6020. Fr Wtr.

STATE "A" COM #1

4/27 (13) 6430 drlg 1m, 7-7/8" hole. 2½ @ 6240. Fr Wtr.

STATE "A" COM #1

4/28 (14) 6780 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

STATE "A" COM #1

4/29 (15) 7135 drlg 1m 7-7/8" hole, 2½° 7009. Fr. Wtr.

5/1 (17) 7575 drlg 1m 7-7/8" hole, 1½° 7345. Fr. Wtr.

- 5/2 STATE "A" COM #1
(18) 7820 drlg lm 7-7/8" hole, NND. Fr. Wtr.
- 5/3 STATE "A" COM #1
(19) 8000 drlg lm 7-7/8" hole, 1 1/4" 7950. Fr. Wtr.
- 5/4 STATE "A" COM #1
(20) 8295 drlg lm 7-7/8" hole, NND. Fr. Wtr.
- 5/5 STATE "A" COM #1
(21) 8585 drlg lm 7-7/8" hole, NND. 9.2-34-25.0.
- 5/6 STATE "A" COM #1
(22) 8765 drlg lm, 7-7/8" hole, NND. 9.2-35-20.0.
- 5/8 (24) 8850 TD lm, WOC 5 1/2 csg, finish hole @ 8:15 p.m. 5/6/72, circ 2 hrs, P & LD DP & DC's, Schl ran GR-SNP & Caliper logs 0-8850, ran 270 jts 8850' 5 1/2 OD 17.0# & 15.50# J-55 8rd LT&C csg (6248' of 17.0# on bottom) to 8850, Dowell cmtd csg @ 8850 w/ 2100x TLLW w/ 1/4# Celloflake in 1st 1000x + 200x Class C Neat cmt, PD @ 9:45 p.m. 5/7/72, cmt circ, set slips, cut off csg, RD & Rel Marcum Drlg Co rig @ 12:45 a.m. 5/8/72, WOC.
- 5/9 STATE "A" COM #1, 8850 TD.
MOT, inst'l unit anchor, SD for nite, prep to compl.
- 5/10 STATE "A" COM #1, 8850 TD.
MIRU X-Pert DD unit, WIH w/ 4-3/4 bit & 5 1/2 csg scraper on 2-3/8 tbq to 8820, Knox Serv displ hole to oil, spot 500 gals 15% NE acid on bottom, pull 10 stands tbq, SD for nite.
- 5/11 STATE "A" COM #1, 8850 TD.
Finish pulling bit & scraper, Schl run GR-C log 8820-8400, perf 5 1/2 csg 8657; 62; 63; 95; 96; 97; 8704; 05; 06; 15; 16; 17; 18; 40; 47; 48; 49; 50; 51; 52; 57; 58; & 8759 w/1 Sh/Interval, ran Baker R pkr on 2-3/8 tbq to 7993, Knox Serv displ acid, TTP 3500-4500, IS 3700, AIR 2.4 BPM, reset pkr 8616, S 37 BLO & 4 BAW/3 hrs, 1600' FIH, sl sh gas, Knox acidized w/ 10,000 gals 15% NE acid & 25 RCNB, TTP 4600-5300, IS 3800, 5 min 3600, 15 min 3000, job compl @ 7:45 p.m. 5/10/72, S 40 BLO + 70 BNO + 58 BAW/9 hrs, last hr S 16 BF, S/O 75% oil, 4000' FIH.
- 190 BAW.
- 5/12 STATE "A" COM #1, 8850 TD.
S 159 BNO + 16 BAW/11 hrs, L hr sw 12 bbls fluid, S/O 95% oil, 4700' FIH, gd sh gas, SD for nite. - 174 BAW.
- 5/13 STATE "A" COM #1, 8850 TD.
POH w/ tbq & pkr, LD 61 jts tbq, then ran tbq to 8820, SD for nite, prep to remove BOP & land tbq.
- 5/14 Spaced out prod tbq-end 2-3/8 OP MA @ 8817, T. Perfs 8783-86, SN @ 8782, 6 jts 2-3/8 tbq, Guib tbq anchor catcher set @ 8591 w/ 21,000# T, 213 jts 2-3/8 8RT tbq & 61 jts 2-7/8 tbq 1926', remove BOP & inst'l wellhead, ran pump & 193 - 3/4, 82 - 7/8 and 74 - 1" rods and hung well on, Rel X-Pert PU @ 6:00 p.m. 5/13/72, Rel to Prod. - 165 BLO + 174 BAW.
- 5/15 Set PU, P 117 BLO + 9 BAW/15 hrs. - 48 BLO + 165 BAW.

STATE "A" COM #1, 8850 TD.
 5/16 P 48 BLO + 46 BNO + 11 BAW/24 hrs, pump sticking, prep to
 pull pump. - 154 BAW.

STATE "A" COM #1, 8850 TD.
 5/17 Pulled & changed pump,
 P 142 BNO + 10 BAW/16 hrs. - 144 BAW.

STATE "A" COM #1, 8850 TD.
 5/18 P 128 BNO + 13 BAW/24 hrs. - 131 BAW.

STATE "A" COM #1, 8850 TD.
 5/19 P 178 BNO + 8 BAW/24 hrs. - 123 BAW.

STATE "A" COM #1, 8850 TD.
 5/20 P 161 BNO + 10 BAW/24 hrs. - 113 BAW.

5/21 P 142 BNO + 11 BAW/24 hrs. - 102 BAW.

5/22 P 120 BNO + 9 BAW/24 hrs, down 4 hrs, elec off. - 93 BAW.

STATE "A" COM #1, 8850 TD
 5/23 P 138 BNO + 4 BAW/ 24 hrs. -89 BAW.

STATE "A" COM #1, 8850 TD
 5/24 P 126 BNO + 2 BAW/ 24 hrs. -87 BAW.

STATE "A" COM #1, 8850 TD
 5/25/72 ON NMOCC POT: P 124 BNO + 6 BAW/ 24 hrs, 8 x 1½ x 120" SPM, GOR
 POTENTIAL 980/1, gr 36.7 @ 60°F, allow 124 BOPD, top allow 382, cap 124 BOPD,
 compl date 5-10-72/
FINAL REPORT.