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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 <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1527	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						8. Farm or Lease Name State "JJ"	
2. Name of Operator Mobil Oil Corporation						9. Well No. 1	
3. Address of Operator A Box 633, Midland, Texas 79701						10. Field and Pool, or Wildcat Vacuum Abo, North	
4. Location of Well UNIT LETTER L LOCATED 1993 FEET FROM THE South LINE AND 860 FEET FROM THE West LINE OF SEC. 7 TWP. 17-S RGE. 35-E NMPM						12. County Lea	
15. Date Spudded 1-21-72	16. Date T.D. Reached 2-9-72	17. Date Compl. (Ready to Prod.) 2-17-72	18. Elevations (DF, RKB, RT, GR, etc.) 4017.9Gr	19. Elev. Casinghead ---			
20. Total Depth 8850	21. Plug Back T.D. ---	22. If Multiple Compl., How Many ---	23. Intervals Drilled By X	Rotary Tools X			
24. Producing Interval(s), of this completion - Top, Bottom, Name 3662 8605-8668 Vacuum Abo, No.						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Schl BHC-S & Dual Lateralog						27. Was Well Cored 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	33#	270	17-1/2"	450x		---	
8-5/8	24# & 23#	3170	11"	1200x		---	
5-1/2	15.5# & 17#	8850	7-7/8"	2300x		---	
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-3/4	8701	---
31. Perforation Record (Interval, size and number) 8605, 06, 13, 15, 25, 27, 28, 29, 43, 49, 55, 57, 59, 67 & 6868 1-JSPF total of 16 holes 8668				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
				8605-8668	Cardinal Chem. Co. acidized		
					w/10,000 gals 15% NE		
					Acid + 5# FR/1000 gals		
					+ 12 RCND Sealers		
33. PRODUCTION							
Date First Production 2-14-72		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 2" x 1-1/4 x 12				Well Status (Prod. or Shut-in) Prod.	
Date of Test 2-27-72	Hours Tested 24 hrs.	Choke Size 2" Tub.	Prod'n. For Test Period ---	Oil - Bbl. 138	Gas - MCF 160.2	Water - Bbl. 5 B1w	Gas - Oil Ratio 1161
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.) Sold to Phillips Petroleum Company						Test Witnessed By H. R. Ellledge	
35. List of Attachments • 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 X J McDaniel				TITLE Authorized Agent		DATE 2-29-72	

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

Northwestern New Mexico

T. Anhy <u>1740</u>	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 <u>3004</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3940</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4672</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6130</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7454</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8142</u>	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	270		Calichie Sand Shole				
270	974		Red Bed				
974	1665		Red Bed & Anhy				
1665	2956		Anhy & Salt				
2956	2966		Anhy				
2966	3170		Lime & Anhy				
5170	8850	T.D.	Lime				

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MAR 2 1972
OIL CONSERVATION
DIVISION, N. M.

DAILY DRILLING REPORT

State "JJ" #1

1/21/72 STATE "JJ" #1, 660' FWL & 1993' FEL, Sec 7, T17S, R35E, Lea County, New Mexico. OBJECTIVE: Drill & complete single Abo producer - AFE #1158 - MOBIL INT. 100% - EST. COST \$133,000. Marcum Drlg Co MIT, 75% RU.

STATE "JJ" #1

1/22 (1) 270 ND red bed, WOC 12-3/4" csg in 17 1/2" hole, Native Mud. 3/4° 270, Marcum Drlg Co spud in @ 12:30 p.m. 1-21-72, ran 7 jts 12-3/4" 33.0# csg, cmtd on bottom @ 270 by Howco w/ 450 sx Class H cmt w/ 2% CaCl, PD @ 5:15 p.m. 1-21-72, cmt circ, WOC.

1/24 (3) 3170 ND anhy, 11" hole, 1° 3170. Br. Wtr. Finish hole, circ 1 1/2 hrs, LD DP & DC's, now running 8-5/8" csg, 30 jts in hole.

STATE "JJ" #1

1/25 (4) 3243 drlg 1m 7-7/8" hole, NND. Fr. Wtr. Ran 76 jts 3170' 28.0# & 24.0# J-55 8rd ST&C csg, cmtd on bottom @ 3170 by Howco w/ 1200 sx T1LW containing 7.5# salt/sx + 200 sx Class C neat cmt containing 2.6# salt/sx, PD @ 10:00 a.m. 1-24-72, cmt circ, WOC 18 hrs, test csg 1000# ok.

STATE "JJ" #1

1/26 (5) 4000 ND 1m 7-7/8" hole, NND. Fr. Wtr. Circ 2 hrs @ 4000', prep to POH & run DST #1 to test Queen 3930-4000.

STATE "JJ" #1

1/27 (6) 4440 drlg 1m 7-7/8" hole, 1 1/4° 4000. Fr. Wtr. DST #1 by Johnston 3930-4000, Queen form, 2 pkrs, 5/8" x 1" ck, tool open 30 min w/ st blow, cont through out test, nothing to surface, rec in DP 2800' of gas + 500' salt water, 97,000 PPM, Cl-SFP 0, BHFPI 36#, F 290#, 30 min, FBHSIP 772#, HH in 1889#, out 1889#, 30 min IBHSIP 1275#, BHT 100°F, total testing time 11 1/2 hrs.

STATE "JJ" #1

1/28 (7) 4780 drlg 1m 7-7/8" hole, 1 1/4° 4532. Fr. Wtr.

STATE "JJ" #1

1/29 (8) 5176 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

1/31 (10) 6016 drlg 1m & ch, 7-7/8" hole, 1 1/4° @ 6016. Fr Wtr.

STATE "JJ" #1

2/1 (11) 6438 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

STATE "JJ" #1

2/2 (12) 6718 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

STATE "JJ" #1

2/3 (13) 7055 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

- 2/4 STATE "JJ" #1
(14) 7375 drlg 1m & sh, 7-7/8" hole, NND. Fr Wtr.
- 2/5 STATE "JJ" #1
(15) 7612 drlg 1m, 7-7/8" hole, 3/4 @ 7410. Fr Wtr.
- 2/7 (17) 8202 drlg 1m, 7-7/8" hole, NND. Fr Wtr.
- 2/8 STATE "JJ" #1
(18) 8470 drlg 1m, 7-7/8" hole, 1-3/4 @ 8246. Fr Wtr.
- 2/9 STATE "JJ" #1
(19) 8761 drlg 1m, 7-7/8" hole, NND. 9.2-35-30.0.
- 2/10 STATE "JJ" #1
(20) 8850 TD 1m, 7-7/8" hole, 1° @ 8850. 9.3-36-20.0.
circ 2 hrs, P & LD DP & DC's, Schl running OH logs past 1 hr.
- 2/11 STATE "JJ" #1, 8850 TD.
WOC on 5½ csg, Schl ran BHC-S & Dual Lateralog 3150-5000 & SNP log from 0-8850 in total 12½ hrs, ran 235 jts 5½ OD 17.0# & 15.50# N-80 & J-55 8rd ST&C csg, cmtd on bottom by Howco w/ 2100x TLLW w/ ¼# Flocele in 1st 1000x + 200x: Class C Neat cmt, PD @ 1:00 a.m. 2/11/72, cmt circ, set slips, cut off csg, Rel Marcum Drlg Co rig @ 4:00 a.m. 2/11/72.
- 2/12 STATE "JJ" #1, 8850 TD.
MOT, prep to MI unit to compl.
- 2/14 MIRU DA&S Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5½ csg scraper on 2-3/8 tbg to 8712, test csg to 1500#/ok, displ wtr w/ lse oil, spot 500 gals 15% NE acid, POH w/ tbg & bit, McCullough Tool Co ran GR-Collar-Corr log from 7955-8705, then perf 5½ csg in the Abo @ 8605; 06; 13; 15; 17; 25; 27; 28; 29; 48; 49; 55; 57; 59; 67; & 8668 w/ 1 JSPF, total of 16 holes, SD for nite.
- 2/15 STATE "JJ" #1, 8850 TD.
Ran Baker Model R pkr on 2-3/8 tbg, set @ 8096. pumped 12 BLO down tbg @ zero press, reset pkr @ 8565, S 38 BLO/4 hrs, sw dry, Cardinal Chem Co acidized Abo perfs 8605-8668 w/ 10,000 gals 15% NE acid containing 5# FR/1000 gals, used 12 RCNB, TTP 6000-6400, AIR 6.0 BPM (balled off w/ 8 balls & 147 bbls acid in form), ISIP 4700, 5 min 4400, job compl @ 5:00 p.m. 2/14/72, S 30 BLO + 58 BNO + 46 BAW/11 hrs, 4300' FIH, fr sh of gas, L hr S 12 bbls, S/O 75% AW. - 206 BAW.
- 2/16 STATE "JJ" #1, 8850 TD.
S 54 BNO + 44 BAW/12½ hrs, 1600' FIH, fr sh of gas, L hr S 12 bbls, S/O 40% AW, SD for nite. - 162 BAW.
- 2/17 STATE "JJ" #1, 8850 TD.
S 12 BNO + 6 BAW/2 hrs, rel pkr, POH, LD 64 jts 2-3/8 tbg, ran 2-3/8 tbg, OP to 8701, T. Perfs 8666-70, SN @ 8665, Guib TA catcher set @ 8536 w/ 23,000# T, 209 jts 2-3/8 EUE 8rd tbg to 1992, 2-7/8 EUE 8rd tbg to surf, SD for nite. - 173 BLO + 156 BAW.

STATE "JJ" #1, 8850 TD.

2/18 Ran rods and pump, install wellhead, Rel unit & to Prod @
5:30 p.m. 2/17/72. - 173 BLO + 156 BAW.

STATE "JJ" #1, 8850 TD

2/19 Ran rods, POP. P 107 BLO + 7 BLW/ 14 hrs. -66 BLO + 149 BLW.

2/20 P 66 BLO + 14 BNO + 6 BLW/ 24 hrs. -143 BLW.

2/21 Pull & changed pump, P 75 BNO + 15 BLW/ 18 hrs. -128 BLW.

2/22 P 135 BNO + 41 BLW/ 24 hrs. -87 BLW.

STATE "JJ" #1, 8850 TD.

2/23 P 49 BNO + 6 BLW/24 hrs. - 81 BLW.

STATE "JJ" #1, 8850 TD.

2/24 P 137 BNO + 15 BLW/24 hrs. - 66 BLW.

STATE "JJ" #1, 8850 TD.

2/25 P 150 BNO + 4 BLW/24 hrs (1890' FIH). - 62 BLW.

STATE "JJ" #1, 8850 TD.

2/26 P 143 BNO + 6 BLW/24 hrs. - 56 BLW.

2/27 P 135 BNO + 4 BLW/24 hrs. - 52 BLW.

2/28/72 NM OCC POT: P 138 BNO + 5 BLW/24 hrs, 10 - 1½ x 100" SPM,
POTENTIAL GOR 1161/1, Grav 37.6 @ 60, Allow 138 NP, Top 382, Cap 138,
Compl 2/14/72.
FINAL REPORT.