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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-1040

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator		Mobil Oil Corporation		9. Well No.	
3. Address of Operator		Box 633, Midland, Texas 79701		10. Field and Pool, or Wildcat	
4. Location of Well		UNIT LETTER L LOCATED 1840 FEET FROM THE South LINE AND 800 FEET FROM		12. County	
THE West LINE OR SEC. 23 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	
2-28-72	3-16-72	3-24-72	4028 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
8539-8609 Vacuum Abo, No.					-
26. Type Electric and Other Logs Run					27. Was Well Cored
Schl. Gr-Collar-Corr.					-
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"	34#	290	17-1/2	450 sx.	-
8-5/8"	24# & 28#	3045	11"	1400 sx.	-
5-1/2"	17#	8800	7-7/8"	2300 sx.	-
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
8539, 40, 53, 54, 55, 61, 62, 63, 83, 84, 85, 86, 87, 94, 95, 96, 8607, 08 & 8609, 1-JSPF, Total of 19 holes			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			8539-8609 Knox acidized w/10,500 gals		
			15% NE acid containing 5#		
			FR/1000 gals. Used 20 RCN		
			ball sealers.		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
3-20-72		Pumping, 2" x 1-1/4 x 10'		Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
4-3-72	24	2" Tbg.	→	25	55.1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
-	-	→	-	-	-
34. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By
Sold to Phillips Petroleum Company					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		TITLE		DATE	
		Authorized Agent		4-5-72	

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 1579	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 2873	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3804	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4531	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta 6024	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinebry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb 7438	T. Granite	T. Todilto	T. _____
T. Drinkard	T. Delaware Sand	T. Entrada	T. _____
T. Abo 8110	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	290		Gravel Sand & Red Bed				
290	1666		Red Beds				
1666	2246		Anhy. & Salt				
2246	2509		Anhy.				
2509	2840		Anhy. & Salt				
2840	3045		Anhy.				
3045	3797		Anhy.				
3797	8800	T. D.	Lime				

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APR 10 1972

OIL CONSERVATION COMM.

HOBBS, N. M.

DAILY DRILLING REPORT

State "KK" #2

STATE "KK" #2, 1840' FSL & 800' FWL Sec 23, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete a single Abo oil well in the North Vacuum Fld. AFE 2107 - Mobil Intr 100% - Est Cost to Mobil \$133,000.

- 2/28/72 (1) 290 ND red bed, 17½" hole, ½ @ 290, S. Mud.
ran 7 jts 12-3/4 csg, Howco cmt w/ 450x Class C w/ 2% CaCl, cmt
circ, PD @ 1:30 p.m. MST 2/27/72, Marcum Drlg Co spud 9:30 a.m.
MST 2/28/72.
- 2/29 STATE "KK" #2
(2) 2180 drlg salt, 11" hole, 1° @ 1710, Br Wtr & Oil.
18 hrs WOC on 12-3/4 csg.
- 3/1 STATE "KK" #2
(3) 3045 ND anhy, 11" hole, 2° @ 2800, Br Wtr & Oil.
prep to run 8-5/8 csg.
- 3/2 STATE "KK" #2
(4) 3045 WOC on 8-5/8 csg, circ hole 1½ hrs, pull bit, RU &
run 73 jts 8-5/8 OD 24 & 28# ST&C csg, Howco cmt w/ 1200x TLW
w/ 7.5# salt/x followed w/ 200x Class C w/ 6.2# salt/x, PD @
2:30 p.m. 3/1/72, cmt circ.
- 3/3 STATE "KK" #2
(5) 3672 drlg 1m, 7-7/8" hole, 1° @ 3560. Fr Wtr.
- 3/4 STATE "KK" #2
(6) 4140 drlg 1m, 7-7/8" hole, 3/4 @ 3770. Fr Wtr.
- 3/6 (8) 5120 drlg 1m, 7-7/8" hole, ½ @ 4913. Fr wtr.
- 3/7 STATE "KK" #2
(9) 5762 drlg 1m, 7-7/8" hole, 1½ @ 5760. Fr Wtr.
- 3/8 STATE "KK" #2
(10) 6200 drlg 1m, 7-7/8" hole, NND. Fr Wtr.
- 3/9 STATE "KK" #2
(11) 6589 drlg 1m 7-7/8" hole, 3/4° 6340. Fr. Wtr.
- 3/10 STATE "KK" #2
(12) 6981 drlg 1m, 7-7/8" hole, 3/4 @ 6850. Fr Wtr.
- 3/11 STATE "KK" #2
(13) 7356 drlg 1m 7-7/8" hole, NND. Fr. Wtr.
- 3/13 (15) 7900 drlg 1m 7-7/8" hole, 1° 7550. Fr. Wtr.
- 3/14 STATE "KK" #2
(16) 8250 drlg 1m 7-7/8" hole, 1½° 8050. Fr. Wtr.
- 15 STATE "KK" #2
(17) 8458 drlg 1m 7-7/8" hole, 1½° 8270. Fr. Wtr.

- STATE "KK" #2
3/16 (18) 8718 drlg 1m 7-7/8" hole, NND.
MU @ 8600. 8.8-40-24.
- STATE "KK" #2
3/17 (19) 8800 TD, 1m 7-7/8" hole, 3/4" 8800. 9.0-37-15.0.
Circ 2 hrs, P & LD DP & DC's, Schl running OH logs past 2 hrs.
- STATE "KK" #2
3/18 8800 TD, WOC on 5 1/2" csg, Schl ran SNP-GR-caliper logs 0-8800 and dual IES & laterolog from 3044-8800, ran 267 jts 8800' 5 1/2" 17.0 N-80 & J-55 8rd LT&C & Butt csg, Howco cmtd on bottom @ 8800 w/ 2100 sx TILW w/ 1/4# flocele in 1st 1000 sx + 200 sx Class C neat cmt, PD @ 8:00 p.m. 3-17-72, cmt did not circ, lost 100% circ after pumping 1400 sx, WOC 10 hrs, Worth well ran temp survey, top of cmt @ 3050, set slips on csg, rel Marcum Drlg Co rig @ 11:00 p.m. 3-17-72.
- 3/20 8800 TD
MOT, MIRU DA&S Well Ser Unit, instl BOP, ran 4-3/4" bit, 5 1/2" csg scraper on 2-3/8" tbg to 8764, test csg to 1500# ok, displ hole w/ lease oil, spot 500 gals 15% NE acid on bottom, POH w/ 60 jts of tbg, SD for nite.
- STATE "KK" #2, 8800 TD
3/21 Finish POH, Schl ran GR-Collar corr log from 8400-8755, then perf 5 1/2" csg in the Abo @ 8539, 40, 53, 54, 55, 61, 62, 63, 83, 84, 85, 86, 87, 94, 95, 96, 8607, 08 & 8609 w/ 1 JSPF, total of 19 holes, ran Baker Model R pkr on 2-3/8" tbg set @ 7996, Knox Ser Co displ 500 gals acid into perfs, BDTP 4000#, TTP 3700-4700#, AIR 1.7 BPM, ISIP 3900#, 5 min 3300#, reset pkr @ 8467, sw 31 BLO + 6 BAW in 3 hrs, 300' FIH, fr sh of gas, Knox Ser Co reacidized perfs w/ 10,000 gals 15% NE acid containing 5# FR/1000 gals, used 20 RCNBS, TTP 4700-5300#, AIR 4.8 BPM, ISIP 4000#, 15 min 3600#, job compl 5:15 p.m. 3-20-72, sw 41 BLO + 101 BNO + 73 BAW in 12 hrs, L hr sw 10 bbls, S/O 60% oil, 3000' FIH, gd sh of gas, cont to sw test. -173 BAW.
- STATE "KK" #2, 8800 TD
3/22 Sw 28 BNO + 8 BAW/ 10 1/2 hrs, 100' FIH, gd sh of gas, SD for nite. -165 BAW.
- STATE "KK" #2, 8800 TD
3/23 SI 14 hrs, TP 400#, 4100' FIH, sw 29 BNO + 7 BAW/ 5 hrs, L hr sw 8 bbls, S/O 85% oil, 1000' FIH, gd sh of gas, POH w/ tbg & pkr, LD 64 jts 2-3/8" tbg, now running prod tbg, 214 jts 2-3/8" tbg in hole. -165 BLO + 157 BAW.
- STATE "KK" #2, 8800 TD
3/24 Finish running 2-3/8" tbg OP to 8733, T perfs 8701-04, SN @ 8700, 8 jts 2-3/8" tbg, Baker anchor catcher set @ 8447 w/ 20,000# ten, 206 jts 2-3/8" tbg, 62 jts 2-7/8" tbg o-1961, remove BOP, instl wellhead, now running pump & rods. -165 BLO + 157 BAW.

STATE "KK" #2, 8800 TD.

3/25 Finish running rods and pump to SN @ 8700, spaced out, RD, Rel unit & Rel well to Prod @ 12:30 p.m. 3/24/72. - 165 BLO + 157 BAW.

3/27 Connect well and flowline.
P 165 BLO + 47 BNO + 5 BAW/42 hrs, 330' FIH. - 152 BAW.

STATE "KK" #2, 8800 TD.
3/28 P 40 BNO + 1 BAW/24 hrs. - 151 BAW.

STATE "KK" #2, 8800 TD.
3/29 P 44 BNO + 1 BLW/24 hrs. - 150 BLW.

STATE "KK" #2, 8800 TD.
3/30 P 41 BNO + 1 BLW/24 hrs. - 149 BLW.

STATE "KK" #2, 8800 TD.
3/31 P 32 BNO + 0 BLW/24 hrs. - 149 BLW.
4/1 P 29 BNO + 1 BLW/24 hrs. - 148 BLW.
4/2 P 36 BNO + 0 BLW/24 hrs. - 148 BLW.
4/3 P 24 BNO + 0 BLW/24 hrs. - 148 BLW.

STATE "KK" #2, 8800 TD

4/4/72 NMOCC POT: P 25 BNO + 1 BLW/ 24 hrs, 10 x 1½ x 100" SPM, GOR 2204/1,
POTENTIAL gr 37.7 @ 60°, allow 25 NP, top 382, cap 25, compl 3-20-72.
FINAL REPORT.