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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-1519

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 State "J"	
2. Name of Operator Mobil Oil Corporation						9. Well No. 8	
3. Address of Operator Box 633, Midland, Texas 79701						10. Field and Pool, or Wildcat Vacuum Grayburg SA	
4. Location of Well UNIT LETTER G LOCATED 1830 FEET FROM THE North LINE AND 1780 FEET FROM						12. County Lea	
THE East LINE OF SEC. 22 TWP. 17-S RGE. 34-E NMPM							
15. Date Spudded 2-14-72	16. Date T.D. Reached 2-25-72	17. Date Compl. (Ready to Prod.) 3-2-72	18. Elevations (DF, RKB, RT, GR, etc.) 4046 Gr.	19. Elev. Casinghead			
20. Total Depth 4800	21. Plug Back T.D. --	22. If Multiple Compl., How Many --	23. Intervals Drilled By X	Rotary Tools	Cable Tools		
24. Producing Interval(s), of this completion — Top, Bottom, Name 4665-4681 - Vacuum Grayburg San Andres						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Dresser Atlas GRC - Schl. SNP						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	
8 5/8"	20#	360	12 1/4"	450x		--	
5 1/2"	14# & 15.5#	4798	7 7/8"	1550x		--	
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	4759	--
31. Perforation Record (Interval, size and number) 4665, 67, 69, 70, 71, 72, 73, 75, 79, 80, 81, 1-JSPF Total of 11 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				4665-4681		BJ, SOF w/12,000 gals Ref oil + 35,000# 20/40	
33. PRODUCTION							
Date First Production 3-1-72		Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping - 2 x 1 1/2 - 10				Well Status (Prod. or Shut-in) Prod.	
Date of Test 3-12	Hours Tested 24	Choke Size	Prod'n. For Test Period 126	Oil — Bbl. 22.7	Gas — MCF 7	Water — Bbl. 180	Gas — Oil Ratio
Flow Tubing Press. --	Casing Pressure --	Calculated 24-Hour Rate --	Oil — Bbl. --	Gas — MCF --	Water — Bbl. --	Oil Gravity — API (Corr.) 34.5	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Co.						Test Witnessed By H. R. Elledge	
35. List of Attachments (1) Daily Drilling Summary Report							
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 [Signature]			TITLE Authorized Agent			DATE 3-16-72	

DAILY DRILLING REPORT

STATE "J" #8

STATE "J" #8, 1830' FNL & 1830' FEL Sec 22, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete a single producer in Vacuum San Andres waterflood. AFE 1952 - Mobil Intr 100% - Est Cost \$60,000.

2/14/72 Cactus Drlg Co MIT.

STATE "J" #8

2/15 (1) 360 ND, WOC 8-5/8 csg in red bed, 12½" hole, S. Mud. ½ @ 360, Cactus Drlg Co spud in @ 12:30 p.m. 2/14/72, ran 9 jts 8-5/8 OD 20.0# 8rd ST&C csg cmtd on bottom @ 360 by Howco w/ 450x Class H cmt w/ 2% CaCl + ¼# Flocele/x, PD @ 5:00 p.m. 2/14/72, cmt circ, WOC.

STATE "J" #8

2/16 (2) 1900 drlg anhy & salt, 7-7/8" hole, 1° @ 1655, Br Wtr & Oil. WOC total 18 hrs, test csg 1000#/ok.

STATE "J" #8

2/17 (3) 3006 drlg anhy, 7-7/8" hole, 1½ @ 2720. Br Wtr & Oil.

STATE "J" #8

2/18 (4) 3378 drlg lm & anhy, 7-7/8" hole, NND. Br Wtr & Oil.

STATE "J" #8

2/19 (5) 3640 drlg lm 7-7/8" hole, 1° @ 3357. Br. Wtr & Oil.

2/21 (7) 4095 drlg lm 7-7/8" hole, 1½° @ 4048. Br. Wtr & 4% Oil.

2/22 (8) 4345 drlg lm 7-7/8" hole, NND. Br. Wtr & Oil.

STATE "J" #8

2/23 (9) 4450 drlg lm, 7-7/8" hole, 1½ @ 4352. 10.3-38-18.

STATE "J" #8

2/24 (10) 4570 drlg lm, 7-7/8" hole, 1½ @ 4570. 10.4-38-17, 4% oil.

STATE "J" #8

2/25 (11) 4725 drlg lm, 7-7/8" hole, NND. 10.4-38-14.

STATE "J" #8,

2/26 (12) 4800 TD lm, 7-7/8" hole, NND. cond hole 2 hrs, pull & LD DP, Schl now running logs. 10.6-39-14-5% oil

2/28 4800 TD.

Schl finish running logs SNF surf-4803, ran 15.50# & 14# J-55 ST&C 5½ OD csg to 4798, Howco cmt w/ 1350x TlW w/ 7½# salt/x followed w/ 200x Class C, PD @ 12:15 p.m. MST 2/27/72, cmt circ, Rel drlg rig @ 2:30 p.m. MST 2/27/72, MIRU Baber Well Serv unit.

STATE "J" #8, 4800 TD.

2/29 NU wellhead, inst'l BOP, ran 4-3/4 bit, 5½ csg scraper to 4764, test csg & wellhead, wellhead leaked, repair wellhead, test csg & wellhead to 1500#/15 min/ok, displ wtr to lse oil, spot 500 gals 15% Dine HCl acid 4764-4260.

STATE "J" #8, 4800 TD.

-/1 Dresser Atlas ran GRC logs 3400-4765, then perf 5½ csg SA w/ 1 JSPF @ 4665; 67; 69; 70; 71; 72; 73; 75; 79; 80; 81; 11 holes, ran Baker pkr on 2-3/8 Buttress tbg, set pkr @ 4100, pump acid away, psi 2900, AIR .6 BPM, ISIP 2600, 15 min 800, reset pkr @ 4644, S 22 BLO/4 hrs. - 12 BAW.

STATE "J" #8, 4800 TD.

3/2 400' FIH, 12 hr SI, S 9 BNO + 0 BW/4 hrs, sw dry, prep to SOF.

STATE "J" #8, 4800 TD.

3/3 Pull 2-3/8 tbq, ran 3 1/2 frac tbq w/ Baker pkr, test tbq to 6000# above slips, set pkr @ 3325, BJ frac perf 4665-4681 down 3 1/2 frac tbq & 5 1/2 csg w/ 12,000 gals ref oil & 35,000# 20/40 Ottawa sd, treating psi 6000-6500, AIR 12.6 BPM, ISIP 4600, 10 min 3800, job compl @ 3:45 p.m. 3/2/72.

STATE "J" #8, 4800 TD.

3/4 2500 psi, 14 hr SI after frac - bled psi off, 25 BLO, P & LD 3 1/2 frac tbq, ran 3 1/2 SP, CO frac sd 4715-4765, ran Baker Model R pkr on 2-3/8 tbq, set pkr @ 4639.

3/5 S 28 BLO/4 hrs, sw dry, down 4 hrs on rig repairs, 2500' FIH after 4 hrs S 16 BLO/2 hrs, sw dry. - 303 BLO.

3/6 POH w/ tbq & pkr, ran SP, CO 4742-4764/5 hrs, ran 2-3/8 tbq, OP to 4759, T. Perfs 4721-24, SN 4720, 4 jts 2-3/8 Buttress tbq, Baker TA set @ 4595 w/ 20,000# T, 148 jts 2-3/8 Buttress tbq, 1 - 2', 6' & 8' 2-3/8 8rd EUE subs on top, SD for nite.

STATE "J" #8, 4800 TD.

3/7 Ran pump & rods to SN @ 4720, spaced out, clamped off, RD, Rel unit & Rel well to Prod @ 2:00 p.m. 3/6/72. - 303 BLO + 12 BAW.

3/7 POP.

STATE "J" #8, 4800 TD.

3/8 P 3 BLO + 0 BLW/18 hrs, pump stuck, prep to pull. - 300 BLO + 12 BAW.

STATE "J" #8, 4800 TD

3/9 Pulled & changed pump, P 96 BLO + 3 BLW/ 16 hrs. -204 BLO + 9 BLW.

STATE "J" #8, 4800 TD.

3/10 P 142 BLO + 9 BLW + 3 BSW/24 hrs. - 62 BLO.

STATE "J" #8, 4800 TD

3/13/72 P 62 BLO + 201 BNO + 14 BSW/ 2 days.
POTENTIAL NMOCC POT. P 126 BNO + 7 BSW/ 24 hrs, 12 x 1 1/2 x 54" SPM, GOR 180/1, gr 34.5 @ 600, allow 126 NP, waterflood allow, cap 126, compl 3-2-72.
FINAL REPORT.