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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-1520	

1a. TYPE OF WELL						7. Unit Agreement Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						8. Farm or Lease Name	
b. TYPE OF COMPLETION						Bridges State	
NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						9. Well No.	
2. Name of Operator						139	
Mobil Oil Corporation						10. Field and Pool, or Wildcat	
3. Address of Operator						Vac. Abo. North	
Box 633, Midland, Texas 79701							
4. Location of Well							
UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 860 FEET FROM						12. County	
THE West LINE OF SEC. 14 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.)	
7-10-70		7-31-70		8-15-70		4040 GR	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By	
8750		-		No		Rotary Tools X Cable Tools -	
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
8587-8661						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Western GR-Collar-Corr. Log						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
8-5/8		23#		1765		12-1/4	
5-1/2		15.5# & 17#		3750		7-7/8	
						CEMENTING RECORD	
						1200 sx.	
						3100 sx.	
						AMOUNT PULLED	
						-	
						-	
29. LINER RECORD							
SIZE		TOP		BOTTOM		SACKS CEMENT	
						SCREEN	
						2-3/8 &	
						2-7/8	
30. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
		8723					
31. Perforation Record (Interval, size and number)							
8587, 8602, 04, 08, 16, 17, 27, 29, 31, 33, 35, 37, 44, 47, 49, 53, 58, 59, & 8661							
1 - JSPF total of 19 holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
8587-8661				Acid w/500 gals 15% NE acid			
				Re-acid w/10000 gals 15% NE acid			
				5# friction reducer/1000 gals +			
				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)	
8-8-70		Pumping - 2" x 1-1/4 x 16'				Producing	
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period	
8-16-70		24		2" Tub		Oil - Bbl. 139	
						Gas - MCF 75.9	
						Water - Bbl. 21	
						Gas - Oil Ratio 546	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl. 139	
						Gas - MCF 75.9	
						Water - Bbl. 2	
						Oil Gravity - API (Corr.) 38.0	
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							
Summary of Daily Drilling							
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>H. R. Elledge</u>				TITLE <u>Authorized Agent</u>		DATE <u>8-20-70</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 1.05.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. S. rawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Alpha _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2835	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Ievenian _____	T. Menefee _____	T. Madison _____
T. Queen 3870	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4584	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta 6040	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Irelaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 8122	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	645		Cliche & Sand				
645	1715		Red Bed				
1715	3015		Salt & Anhy.				
3015	4106		Anhy. & Lime				
4106	8750	T.D.	Lime				

DAILY DRILLING REPORT

Bridges State #139

BRIDGES STATE #139, 1980' FSL & 860' FWL Sec 14, T-17-S, R-34-E, Lea Co, NM, North Vacuum Fld. OBJECTIVE: Drill and complete as a single Abo producer. AFE 0142 - Mobil Intr 100% - Est Cost \$112,000.

7/9/70 Marcum Drlg Co MINT.

7/10 BRIDGES STATE #139
RURT.

7/11 BRIDGES STATE #139
1715 ND anhy, 12 1/2" - 1/2 @ 1534. S. Mud.
Marcum Drlg Co spud 10:00 a.m. CDF 7/10/70, now COH to run 8-5/8 surf csg.

7/13 (3) 3145 drlg anhy, 7-7/8" hole, 3/4 @ 3140. Br Wtr.
Ran 44 jts 1715' 8-5/8 OD 23.0# J-55 8rd ST&C csg, cemented on bottom @ 1715 by BJ Serv w/ 1000x Class H 8% gel cement + 200x Class H Neat, all cement contained 2% CaCl, PD 4:00 p.m. 7/11/70, cement circ, WOC 18 hrs, test csg and BOP's w/ 1000#/ok.

7/14 BRIDGES STATE #139
(4) 3741 drlg anhy, 7-7/8" hole, NND. Br Wtr.

7/15 BRIDGES STATE #139
(5) 4238 drlg anhy, 7-7/8" hole, 1/2 @ 3810. Br Wtr.

7/16 BRIDGES STATE #139
(6) 4588 drlg lm, 7-7/8" hole, 3/4 @ 4230. Br Wtr & Oil 2%.

7/17 BRIDGES STATE #139
(7) 4923 drlg lm, 7-7/8" hole, 3/4 @ 4920. Br Wtr & Oil, 2%.

7/18 BRIDGES STATE #139
(8) 5485 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil, 2%.

7/20 (10) 6059 drlg lm, 7-7/8" hole, 1° @ 6050. Br Wtr & Oil, 2%.

7/21 BRIDGES STATE #139
(11) 6465 drlg lm, 7-7/8" hole, 1/2 @ 6460. Br Wtr & Oil.

7/22 BRIDGES STATE #139
(12) 6815 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil.

7/23 BRIDGES STATE #139
(13) 7088 drlg lm, 7-7/8" hole, 1° @ 6840. Br Wtr & Oil.

7/24 BRIDGES STATE #139
(14) 7320 drlg lm, 7-7/8" hole, 1/2 @ 7300. Br Wtr & Oil, 1%.

7/25 BRIDGES STATE #139
(15) 7498 drlg lm, 7-7/8" hole, 1° @ 7491. Br Wtr & Oil, 2%.

7/26 (16) 7710 drlg lm, 7-7/8" hole, 3/4 @ 7685. Br Wtr & Oil, 2%.

7/27 (17) 7858 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil, 2%.

7/28 BRIDGES STATE #139
(18) 8117 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil, 2%.

- BRIDGES STATE #139
7/29 (19) 8,375' drlg lm, 7-7/8" hole, 1/2" @ 8,370'. Br wtr & oil 2%.
- BRIDGES STATE #139
7/30 (20) 8,554' drlg lm, 7-7/8" hole, NND. Br. wtr & oil 2%.
- BRIDGES STATE #139
7/31 (21) 8,720' drlg lm, 7-7/8" hole, NND. 9.9-36-22.0, 3% oil.
- BRIDGES STATE #139
8/1 (22) 8750 TD lm, WOC on 5½ csg, finish hole @ 10:00 a.m., circ 2 hrs, P & LD DP & DC's, ran 250 jts 8750' 5½ OD 17.0# and 15.50# J-55 8rd csg, cemented on bottom by Howco w/ 2900x Ttlw, 1st 1000x contained ¼# flocele + 200x Incor Neat cement, PD @ 3:15 p.m. 8/1/70, cement did not circ, set slips on 5½ csg, cut off csg, rel Marcum Drlg Co rig @ 7:15 a.m. 8/1/70.
- 8/2 MOT, ran Temp Survey, top of cement @ 2285.
- 8/3 MI unit today, prep to compl.
- BRIDGES STATE #139, 8750 TD.
8/4 MIRU Baber Well Serv DD unit, NU 5½ csg, inst'l BOP, Schl ran GR-N-S cased hole logs from 2900-5100; 5900-6550; & 8050-8665/7 hrs, SD for nite.
- BRIDGES STATE #139, 8750 TD.
8/5 Ran 4-3/4 bit, 5½ csg scraper, 2 - 3½ DC's on 281 jts 2-3/8 tbq, drill cement 8700-8729, circ hole clean, test 5½ csg 1500#/ok, displ hole w/ lease oil, SD for nite, prep to spot acid and perf.
- BRIDGES STATE #139, 8750 TD.
8/6 Western Co spotted 500 gals 15% NE acid on bottom, POH, Western Co ran GR-Collar-Corr log from 8400-8726, then perf 5½ csg in the Abo @ 8587; 8602; 04; 08; 16; 17; 27; 29; 31; 33; 35; 37; 44; 47; 49; 53; 58; 59; & 8661 w/ 1 JSPP, total 19 holes, ran Johnston pkr on 2-3/8 tbq to 7900, Western Co displ acid into form, BDTP 3100, TTP 3550, AIR .75 BPM, ISIP 3400, 10 min 2500, job compl @ 4:30 p.m. 8/5/70, attempted to reset pkr @ 8551, would not set, POH, SD for nite.
- BRIDGES STATE #139, 8750 TD.
8/7 Ran Johnston pkr on 2-3/8 tbq to 8551, S 34 BLO + 8 BNO w/ tr of acid wtr/1 hr, 2000' FIH, Western Co reacidized perfs w/ 10,000 gals 15% NE acid, 5# friction reducer/1000 gals using 20 RCNB sealers, TTP 4300-5400, AIR 4.7 BPM, ISIP 4200, 6 min SIP 4100, job compl 11:50 a.m. 8/6/70, S 35 BLO + 48 BNO + 75 BAW/7 hrs, 5600' FIH, no gas, S 18 bbls L hr, S/O 80% AW, cont to swab test. - 177 BAW.
- BRIDGES STATE #139, 8750 TD.
8/8 S 114 BNO + 58 BAW/12 hrs, 3500' FIH, no gas, L hr S 15 bbls, S/O 20% AW, SD for nite. - 119 BAW.
- 8/10 SI 12 hrs, TP 400, F & S 163 BNO + 12 BAW/12 hrs, 2500' FIH, sl sh of gas, L hr S 14 bbls, S/O 5% AW, SI 12 hrs, TP 400, F & S 147 BNO + 4 BAW/11 hrs, scattered fluid in hole, fr sh of gas, L hr S 14 BNO, S/O clean, prep to POP.

BRIDGES STATE #139, 8750 TD.

8/11 Unseat pkr, POH w/ 2-3/8 tbg and pkr, LD 64 jts 2-3/8 tbg, ran 2-3/8 tbg, OP to 8723, T. Perfs 8705-08, SN @ 8704, Baker anchor catcher @ 8547, 2-3/8 tbg to 1958, 2-7/8 tbg surf to 1958, landed tbg w/ 15,000# T, remove BOP, inst'l wellhead, SD for nite. - 104 BAW.

BRIDGES STATE #139, 8750 TD.

8/12 S 143 BLO/11 hrs, 3000' scattered FIH, fr sh of gas, sw 12 bbls L hr, S/O clean, Rel Baber Well Scrv unit @ 7:00 p.m. 8/11/70, Coleman Engr Co ran & set BHB, Rel well to Prod. - 7 BLO + 104 BAW.

BRIDGES STATE #139, 8750 TD.

8/13 SI for BHP. - 7 BLO + 104 BAW.

BRIDGES STATE #139, 8750 TD.

8/14 Pulled BHP bomb, running rods and pump, prep to test. - 103 BAW.

BRIDGES STATE #139, 8750 TD

8/17/70 BHP 2153# after 38 hr SI, ran rods & pump, P 136 BNO + 3 BAW/ 18 hrs -100 BAW.

POTENTIAL

NMOCC Potential Test P 139 BNO + 2 BAW/ 24 hrs, 9½ x 100 x 1½ SPM, GOR 546/1, grav 38 at 60 F, Allow 139 non pror, top 358, cap 139, completion date 8/6/70.

FINAL REPORT.