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Form C-105
Revised 1-1-65

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

5c. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-1520	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ D.F.F. RESER. ☐ OTHER ☐		Bridges State	
2. Name of Operator		9. Well No.	
Mobil Oil Corporation		160	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 633, Midland, Texas 79701		Vacuum Abo. No	
4. Location of Well			
UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1780</u> FEET FROM			
THE <u>East</u> LINE OF SEC. <u>12</u> TWP. <u>17-S</u> RGE. <u>14-E</u> NMPM		12. County	
		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
4-28-71	5-22-71	5-27-71	4019 Gr.	
20. Total Depth	21. Plug Back T.D.	22. Multiple Compl. How	23. Intervals Drilled By	Rotary Tools
8800	--	--	--	☒

24. Producing Interval(s), of this completion -- Top, Bottom, Name		25. Was Directional Survey Made
3581 - 8641 Vacuum Abo, North		Yes
26. Type Electric and Other Logs Run		27. Was Well Cored
Dresser - Atlas SWN, Gr., - Collar - Corr. Logs		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"	23.0#	1775	12-1/4"	900 x	--
5-1/2"	15.50 & 17.#	8800	7-7/8"	3100 x	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	8759
						--

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
3581, 83, 87, 88, 89, 8611, 12, 13, 21, 22, 23, 24, 26, 31, 32, 33, 34, 38, 39, 40, & 8641		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3581-8641</td> <td>Knox Serv. acidized w/10,000 gal 15% NE acid + 5# Friction Reducer/1,000 gals + 21 RCAB sealers.</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3581-8641	Knox Serv. acidized w/10,000 gal 15% NE acid + 5# Friction Reducer/1,000 gals + 21 RCAB sealers.
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3581-8641	Knox Serv. acidized w/10,000 gal 15% NE acid + 5# Friction Reducer/1,000 gals + 21 RCAB sealers.						
1-JS PF total of 21 holes							

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5-27-71		Pumping - 2 X 1-1/4 X 14				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-7-71	24	2" tub.	→	126	185.4	1 B.A.H.	1472
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
--	--	→	--	--	--	36.2	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold to Phillips Petroleum Company	H. N. Fledge

35. List of Attachments
(1) Daily Drilling 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>J. McDaniel</u>	TITLE <u>Authorized Agent</u>	DATE <u>6-9-71</u>

DAILY DRILLING REPORT

Bridges State #160

BRIDGES STATE #160, 660' ENL & 1780' FEL Sec 12, T-17-S,
R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single
Abo well. AFE 1108 - Mobil Intr 1000 - Est Cost \$117,000.

4/29/71 (1) 1232 drlg red bed & anhy, 12 $\frac{1}{4}$ " hole, Native Mud.
 $\frac{1}{2}$ @ 1016, Marcum Drlg Co spud in 8:00 p.m. 4/28/71.

BRIDGES STATE #160

4/30 (2) 1775 ND anhy, WOC on 8-5/8" csg, ran 44 jts 1775 8-5/8" 23.0#
LD Foster csg cemented on bottom @ 1775 by Howco w/ 700 sx Class H
8% gel + 200 sx Class H neat, all cement contained 2% CaCl, PD @
3:30 a.m. 4-30-71, cement circ, WOC.

BRIDGES STATE #160

5/1 (3) 2450 drlg anhy & salt, 7-7/8" hole. Br Wtr.
3/4 @ 2260, WOC a total of 18 hrs, tested csg & BOP 1000#/
30 min/held ok.

5/3 (5) 4050 drlg lm, 7-7/8" hole, 3/4 @ 3620. Br Wtr.

BRIDGES STATE #160

5/4 (6) 4435 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 4400. Br Wtr.

BRIDGES STATE #160

5/5 (7) 4644 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #160

5/6 (8) 4850 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #160

5/7 (9) 5088 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 4895. Br Wtr.

BRIDGES STATE #160

5/8 (10) 5370 drlg lm 7-7/8" hole, 1 $^{\circ}$ 5358. Br. Wtr.

5/10 (12) 6142 drlg lm 7-7/8" hole, 3/4 $^{\circ}$ 6085. Br. Wtr.

BRIDGES STATE #160

5/11 (13) 6363 drlg lm 7-7/8" hole, NND. Br. Wtr.
Fished & rec bit, reamer & 31 DC's in 11 hrs.

BRIDGES STATE #160

5/12 (14) 6603 drlg lm, 7-7/8" hole, 3/4 $^{\circ}$ 6553. Br. Wtr

BRIDGES STATE #160

5/13 (15) 6811 drlg lm, 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #160

5/14 (16) 7120 drlg lm, 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #160

5/15 (17) 7400 drlg lm 7-7/8" hole, 1/2 $^{\circ}$ 7120. Br. Wtr.

5/17 (19) 7709 drlg lm 7-7/8" hole, 2-3/4 $^{\circ}$ 7425, 3 $\frac{1}{4}$ $^{\circ}$ 7632. Br. Wtr.

- BRIDGES STATE #160
5/18 (20) 7895 drlg lm 7-7/8" hole, 3 1/4 @ 7709. Br. Wtr.
- BRIDGES STATE #160
5/19 (21) 8115 drlg lm 7-7/8" hole, NND. Br. Wtr.
- BRIDGES STATE #160
5/20 (22) 8370 drlg lm 7-7/8" hole, NND. Br. Wtr.
- BRIDGES STATE #160
5/21 (23) 8591 drlg lm 7-7/8" hole, NND. 10.1-31-NC.
- BRIDGES STATE #160
5/22 (24) 8760 drlg lm, 7-7/8" hole, 1-3/4 @ 8605. 10.2-38-28.0.
- 5/24 8800 TD lm, WOC on 5 1/2 csg, finish hole, circ 3 hrs, P & LD DP & DC's, Dresser-Atlas ran SWN & GR logs 0-8802, logger's TD, then ran Laterolog 1775-8802, logging time 13 hrs, ran 269 jts 5 1/2 OD 17.0# & 15.50# N-80 & J-55 LT&C & ST&C csg 2015' 17.0# on bottom, Howco cemented w/ 2900x TLLW containing 1/4# Flocele in 1st 1000x + 200x Class C Neat, PD @ 6:45 p.m. 5/23/71, cement did not circ, RD & Rel Marcum Drlg Co rig @ 9:45 p.m. 5/23/71, WOC 8 hrs, Worth Well ran Temp Survey, top of cement @ 2500.
- BRIDGES STATE #160, 8800 TD.
5/25 MOT.
- BRIDGES STATE #160, 8800 TD.
5/26 Finish MOT, MIRU X-Pert Well Serv DD unit, inst'l BOP, ran 4-3/4 bit & 5 1/2 csg scraper on 200 jts 2-3/8 tbq, SD for nite.
- BRIDGES STATE #160, 8800 TD.
5/27 Ran bit to 8761, test 5 1/2 csg 1500#/ok, displ wtr w/ lse oil, spot 500 gals 15% NE acid on bottom, POH w/ tbq & bit, Dresser-Atlas ran GR-Collar-Corr log from 8300-8761, then perf 5 1/2 csg in the Abo @ 8581; 83; 87; 88; 89; 8611; 12; 13; 21; 22; 23; 24; 26; 31; 32; 33; 34; 38; 39; 40; & 8641 w/ 1 JSPF, total of 21 holes, ran Baker Model R pkr on 2-3/8 tbq to 7987, Knox Serv Co displ acid into form, TTP 4400-4800, AIR 2.4 BPM, ISIP 4000, 15 min SI 1600, reset pkr @ 8521, S 33 BLO/1 hr, 1600' FIH, no gas, SD for nite.
- 4 BLO + 12 BAW.
- BRIDGES STATE #160, 8800 TD.
5/28 Ran sw 1 run, then F 4 BLO + 15 BNO + 3 BAW/2 hrs, Knox Serv acidized w/ 10,000 gals 15% NE acid containing 5# friction reducer/1000 gals using 21 RCNB sealers, TTP 4100-4900, AIR 5.4 BPM, ISIP 3700, 10 min SIP 2800, job compl 11:00 a.m. 5/27/71, S & F 36 BLO + 158 BNO + 36 BAW/19 hrs, L hr fl 10 bbls on 48/64 ck, TP 50, S/O 95% oil, prep to POP.
- 213 BAW.
- BRIDGES STATE #160, 8800 TD.
5/29 POH w/ tbq & pkr, ran 2-3/8 tbq, OP to 8759, T. Perfs 8727-30, SN @ 8726, Baker TA catcher set @ 8537 w/ 12,000# T, inst'l wellhead, ran pump on 132 - 3/4 rods, SD for nite. - 213 BAW.

Bridges State #160

5/31 Finish running pump on 249 - 3/4 & 97 - 7/8 rods, spaced out, hung on pump, RD, Rel unit & Rel to Prod @ 1:00 p.m. 5/29/71. - 156 BLO + 213 BAW.

6/1 P 156 BLO + 69 BNO + 1 BAW/22 out of 44 hrs, down 22 hrs repairing unit. - 212 BAW.

6/2 BRIDGES STATE #160, 8800 TD.
P 255 BNO + 1 BAW/24 hrs. - 211 BAW.

6/3 BRIDGES STATE #160, 8800 TD.
P 200 BNO + 1 BAW/24 hrs. - 210 BAW.

6/4 BRIDGES STATE #160, 8800 TD.
P 175 BNO + 1 BAW/24 hrs. - 209 BAW.

6/5 BRIDGES STATE #160, 8800 TD
P 155 BNO + 1 BAW/ 24 hrs. -208 BAW.

6/6 P 142 BNO + 1 BAW/ 24 hrs. -207 BAW.

6/7 P 126 BNO + 1 BAW/ 24 hrs. -206 BAW.

6/8/71 BRIDGES STATE #160, 8800 TD
POTENTIAL NMOCC POT. TEST: P 126 BNO + 1 BAW/ 24 hrs, 14-1½ x 86 SPM, GOR 1472/I, grav 36.2 @ 60OF, allow 126 nonpror, top 382, cap 126, compl 5-27-71.
FINAL REPORT.