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

Form C-105
Revised 1-1-65

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

14. 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 Bridges State	
2. Name of Operator Mobil Oil Corporation						9. Well No. 173	
3. Address of Operator P. O. Box 633, Midland, Texas 79701						10. Field and Pool, or Wildcat North Vacuum Abo	
4. Location of Well UNIT LETTER F LOCATED 1840 FEET FROM THE North LINE AND 1840 FEET FROM						12. County Lea	
THE West LINE OF SEC. 14 TWP. 17-S RGE. 34-E NMPM							
15. Date Spudded 3-4-72		16. Date T.D. Reached 3-23-72		17. Date Compl. (Ready to Prod.) 3-30-72		18. Elevations (DF, RKB, RT, GR, etc.) 4025 Gr.	
20. Total Depth 8750		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐	
24. Producing Interval(s), of this completion — Top, Bottom, Name 8572 - 8629 - North Vacuum Abo						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Dress Atlas SNP-Caliper, Gr-Collar-Corr.						27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
12-3/4		34#		270		17-1/2"	
8-5/8		24# & 28#		3075		11	
5-1/2		15.5# & 17#		3750		7-7/8	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT	
31. Perforation Record (Interval, size and number) 8572-76, 8593-95, 8599-8605, 8613-17, 8621-24, 8627-29 1 JSPF Total of 27 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 8572-8629 AMOUNT AND KIND MATERIAL USED Runco acidized w/10,500 gals 15% NE acid containing 5# FR/1500 gals used 30 RCMB sealers			
33. PRODUCTION							
Date First Production 3-27-72		Production Method (Flowing, gas lift, pumping — Size and type pump) Pump 2" X 1-1/4 X 10'				Well Status (Prod. or Shut-in) Producing	
Date of Test 4-6-72		Hours Tested 24		Choke Size 131		Prod'n. For Test Period 133.8	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil — Bbl. 5 BLW Gas — MCF 1021 Water — Bbl. 37.6	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Company						Test Witnessed By 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 [Signature]				TITLE Authorized Agent		DATE 4-12-72	

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 10 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 filled in quadruplicate except on state land, where six copies are required. See Rule 116.1.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Canyon	T. (O) Alamo	T. Penn. "B"
1652		
T. Salt	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Leadville
2911		
T. 7 Rivers	T. Devonian	T. Madison
T. Queen	T. Silurian	T. Elbert
3861		
T. Grayburg	T. Montoya	T. McCracken
4613		
T. San Andres	T. Simpson	T. Ignacio Ozite
6052		
T. Golieta	T. McKee	T. Granite
T. Paddock	T. Ellenburger	T. Dakota
T. Bimbrey	T. Gr. Wash	T. Morrison
7420		
T. Tubb	T. Granite	T. Toddlito
T. Drinkard	T. Delaware Sand	T. Matrada
8122		
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T. White	T. Permian
T. Penn.		
T. Cisco (Bough C)		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	270	973	Red Bed				
973	1667	1667	Red Bed & Anhyd				
1667	2530	2530	Anhyd & Salt				
2530	2715	2715	Anhyd, Salt & Shale				
2715	3021	3021	Anhyd & Salt				
3021	3075	3075	Anhyd				
3075	3120	3120	Time				
3120	3412	3412	Time Shale				
3412	3540	3540	Time				
3540	4373	4373	Time & Salt				
4373	8755	8755	Time				
4373			T.D.				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20240

DAILY DRILLING REPORT

BRIDGES STATE #173

BRIDGES STATE #173, 1840' FNL & 1840' FNL Sec 14, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill & complete a single Abo oil well in the North Vacuum Fld. AFE 2104 - Mobil INtr 100% - Est Cost \$133,000.

3/5/72 (1) 270 ND red bed, 1 7/8" hole, 0° @ 270, S. Mud.
Marcum Drlg Co spud 1:15 p.m. 3/4/72, ran 8 jts 12-3/4 OD 34#
8rd ST&C csg, Howco cmt w/ 450x Class H cmt w/ 2% CaCl, PD
5:30 p.m. 3/4/72, cmt circ.

3/6 (2) 2420 drlg salt, 11" hole, 3/4 @ 2400, Br Wtr.
WOC 18 hrs on 12-3/4 csg.

BRIDGES STATE #173

3/7 (3) 3075 ND anhy, 11" hole, 2° @ 3075, Br Wtr & Oil.
circ 7 1/2 hrs, P & LD DP & DC's, prep to run 8-5/8 csg.

BRIDGES STATE #173

3/8 (4) 3110 drlg anhy, 7-7/8" hole, NND, Fr Wtr.
ran 75 jts 3075' 8-5/8 OD 28.0# & 24.0# 8rd ST&C csg cmtd on
bottom @ 3075 by Howco w/ 1200x TLLW containing 7 1/2# salt/x +
200x Class C Neat cmt containing 2.6# salt/x, PD @ 11:00 a.m.
3/7/72, cmt circ, WOC 18 hrs, test csg 1000#/ok.

BRIDGES STATE #173

'9 (5) 3930 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #173

3/10 (6) 4490 drlg 1m, 7-7/8" hole, 3/4 @ 4380. Fr Wtr.

BRIDGES STATE #173

3/11 (7) 4875 drlg 1m 7-7/8" hole, 1/4° 4640. Fr. Wtr.

3/13 (9) 6030 drlg 1m 7-7/8" hole, 2 1/2° 5810. Fr. Wtr.

BRIDGES STATE #173

3/14 (10) 6470 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #173

3/15 (11) 6765 drlg 1m 7-7/8" hole, 2° 6627. Fr. Wtr.

BRIDGES STATE #173

3/16 (12) 7060 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #173

3/17 (13) 7345 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #173

3/18 (14) 7633 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

3/20 (16) 8155 drlg 1m 7-7/8" hole, 1° 7972. Fr. Wtr.

- BRIDGES STATE #173
3/21 (17) 8430 drlg 1m 7-7/8" hole, NND. Fr. Wtr.
- BRIDGES STATE #173
3/22 (18) 8661 drlg 1m 7-7/8" hole, NND. 9.5-34-19.8.
- BRIDGES STATE #173
3/23 (19) 8750 TD 1m 7-7/8" hole, 1° 8750. 9.6-35-14.5.
Circ 2 hrs, P & LD DP & DC's, Dresser-Atlas ran SNP-caliper log 0-8752 loggers TD in 6 hrs, now running 5½" csg, 210 jts in hole.
- BRIDGES STATE #173
3/24 8750 TD, WOC 5½" csg, finish running 5½" csg, 269 jts 8750' 17.0# & 15.50# N80 & J-55 LT&C csg, cmtd on bottom by Howco w/ 2100 sx TLLW w/ 1/4# floacle in 1st 1000 sx + 200 sx Class C neat, PD @ 10:00 a.m. 3-23-72, cmt circ, set slips, cut off csg, rig down, rel Marcum Drlg Co rig @ 1:00 p.m. 3-23-72.
- BRIDGES STATE #173, 8750 TD.
3/25 MOT, set unit anchor, prep to compl.
- 3/27 MIRU X-Port Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5½ csg scraper on 2-3/8 tbq to 8712, test csg to 1500#/ok, Runco displ hole w/ lse oil, then spot 500 gals 15% NE acid, POH w/ 30 jts of tbq, SD for nite, finish POH, Dresser-Atlas ran GR-Collar-Corr log from 8400-8712, then perf 5½ csg in the Abo @ 8572-76; 8593-95; 8599-8605; 8613-17; 8621-24; & 8627-8629 w/ 1 JSPF, total of 27 holes, ran Baker Model R pkr on 80 jts of tbq, SD for nite.
- BRIDGES STATE #173, 8750 TD.
3/28 Finish running pkr to 7976, Runco displ 500 gals acid into form, EDTP 4000, TTP 3500-4000, AIR 3.0 BPM, ISIP 3000, 5 min SIP 1000, reset pkr @ 8507, S 38 BLO/4 hrs, sw dry, sl sh of gas, Runco acidized perfs w/ 10,000 gals 15% NE acid containing 5% FR/1000 gals, used 30 RCNBS, TTP 4500-5900, AIR 5.7 BPM, ISIP 3500, 15 min 2500, job compl @ 2:45 p.m. 3/27/72, S 43 BLO + 105 BNO + 47 BAW/14 hrs, L hr sw 15 bbls, S/O 75% oil, 2600' FIH, gd sh of gas, cont to sw test. - 205 BAW.
- BRIDGES STATE #173, 8750 TD.
3/29 S 125 BNO + 40 BAW/9 hrs, L hr S 16 bbls, S/O 98% oil, hole full scattered fluid, gd sh of gas, unseat pkr, P & LD 61 jts 2-3/8 tbq, SD for nite. - 165 BLO + 165 BAW.
- BRIDGES STATE #173, 8750 TD.
3/30 Finish POH, ran 2-3/8 tbq, OP to 8707, T. Perfs 8674-77, SN @ 8673, 4 jts 2-3/8 tbq, Guib TA catcher set @ 8548 w/ 20,000# T, 214 jts 2-3/8 EUE 8rd tbq + 63 jts 2-7/8 1973' EUE 8rd tbq, inst'l wellhead, now running pump & rods. - 165 BLO + 165 BAW.
- BRIDGES STATE #173, 8750
3/31 Finish running pump & rods to SN @ 8673, RD, Rel unit & Rel well to Prod @ 12:00 noon 3/30/72. - 165 BLO + 165 BAW.
- 3/31 POP.
- 4/1 P 165 BLO + 17 BNO + 8 BLW/18 hrs. - 157 BLW.
- 4/2 P 196 BNO + 32 BLW/24 hrs. - 125 BLW.
- 4/3 P 177 BNO + 8 BLW/24 hrs. - 117 BLW.

BRIDGES STATE #173, 8750 TD
4/4 P 147 BNO + 8 BLW/ 24 hrs.

-109 BLW.

BRIDGES STATE #173, 8750 TD
4/5 P 121 BNO + 8 BLW/ 24 hrs.

-101 BLW.

BRIDGES STATE #173, 8750 TD
4/6 P 117 BNO + 5 BLW/ 24 hrs, (800' FIH).

-96 BLW.

BRIDGES STATE #173, 8750 TD.

4/7/72 NM OCC POT: P 131 BNO + 5 BLW/24 hrs, 10 - 1½ x 100 SPM, GOR
POTENTIAL 1021/1, Grav 37.6 @ 60, Allow 131(NP), Top 382, Cap 131,
Compl 3/27/72. FINAL REPORT.