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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
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Bridges State

2. Name of Operator
Mobil Oil Corporation
3. Address of Operator
Box 633, Midland, Texas 79701
4. Location of Well

9. Well No.
145
10. Field and Pool, or Wildcat
Vacuum and North

UNIT LETTER P LOCATED 660 FEET FROM THE SOUTH LINE AND 860 FEET FROM THE East LINE OF SEC. 27 TWP. 17-S RGE. 34-E NMPM

12. County
Lea

15. Date Spudded 9-22-70 16. Date T.D. Reached 10-11-70 17. Date Compl. (Ready to Prod.) 10-19-70 18. Elevations (DF, RKB, RT, GR, etc.) 4031 Gr.

19. Elev. Casinghead
—

20. Total Depth 8750 21. Plug Back T.D. — 22. If Multiple Compl., How Many — 23. Intervals Drilled By Rotary Tools Cable Tools —

25. Was Directional Survey Made
Yes

24. Producing Interval(s), of this completion — Top, Bottom, Name
8575-8659

27. Was Well Cored
No

26. Type Electric and Other Logs Run
Dresser-Atlas GR-N & later logs, GR-cotton-corr logs

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 3/4"	26.3#	1620	12 1/4"	1000X	—
5 1/2"	15.5# & 17#	8750	7 1/4"	3100X	—

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	8716	—

31. Perforation Record (Interval, size and number)
8575, 8789, 92, 94, 99, 8605, 07, 14, 17, 19, 36, 38, 42, 45, 47, 51, 53, 55, 57 & 8659 w/ 1 1/2 SF
Total of 21 Holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8575-8659	Acidize w/ 10% HCl gals 15% NE acid + 5% friction Reducer/1000 gals, + 18 PVC Ball sealant

33. PRODUCTION
Date First Production 10-16-70 Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping 2" x 1 1/4" x 12' Well Status (Prod. or Shut-in) Producing
Date of Test 10-25-70 Hours Tested 24 Croke Size 2" Tub Prod'n. For Test Period — Oil — Bbl. 37 Gas — MCF 33.3 Water — Bbl. 2 AW Gas — Oil Ratio 900
Flow Tubing Press. — Casing Pressure — Calculated 24-Hour Rate — Oil — Bbl. 37 Gas — MCF 33.3 Water — Bbl. 2-AW Oil Gravity — API (Corr.) 37.4

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
Operation 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 McNamee TITLE Authorized Agent DATE 10-29-70

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

T. Anhy 1544 T. Canyon _____
T. Salt _____ T. Strawn _____
B. Salt _____ T. Atoka _____
T. Yates 2830 T. Miss _____
T. 7 Rivers _____ T. Devonian _____
T. Queen 3770 T. Silurian _____
T. Grayburg _____ T. Montoya _____
T. San Andres 11498 T. Simpson _____
T. Glorieta 6004 T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinebry _____ T. Gr. Wash _____
T. Tubb _____ T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo 8130 T. Bone Springs _____
T. Wolfcamp _____ T. _____
T. Penn. _____ T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzte _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ 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	240		Gravel & clitic				
240	1000		Red Bed				
1000	1217		Red Bed & Anhy				
1217	1620		Anhy				
1620	3008		Anhy & Salt				
3008	3196		Anhy & GYP.				
3196	3753		Anhy				
3753	7124		Lime				
7124	7228		lime & shale				
7228	7493		lime				
7493	7571		lime & shale				
7571	7822		lime				
7822	7910		lime & shale & shs.				
7910	8750		lime				

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OIL CONSERVATION COMM.
HOBBES, N. M.

DAILY DRILLING REPORT

Bridges State #145

BRIDGES STATE #145, 860 FSL & 660 FEL Sec 27, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo well. AFE 0148 - Mobil Intr 100% - Est Cost \$112,000.

9/22/70 Marcum Drlg MIT, 50% RU.

BRIDGES STATE #145

9/23 (1) 1616 drlg anhy, 12 $\frac{1}{4}$ " hole, 1 $\frac{1}{4}$ @ 1425. Spud Mud.
Marcum Drlg Co spud 2:00 p.m. 9/22/70.

BRIDGES STATE #145

9/24 (2) 1620 ND, WOC 8-5/8 csg, ran 40 jts 1620' 8-5/8 23.0# J-55 ST&C csg, cemented on bottom @ 1620 by BJ Serv w/ 800x Class H 8% gel cement + 200x Class H Neat, all cement contained 2% CaCl, PD @ 1:45 p.m. 9/23/70, cement circ, WOC, prep to drill 7-7/8" hole.

BRIDGES STATE #145

9/25 (3) 3190 drlg anhy, 7-7/8" hole, 3/4 @ 3085. Br Wtr.
WOC total 18 hrs, test 8-5/8 csg w/ 1000#/30 min/ok.

BRIDGES STATE #145

9/26 (4) 3755 drlg anhy, 7-7/8" hole, $\frac{1}{4}$ @ 3643. Br Wtr.

9/28 (6) 4461 drlg lm, 7-7/8" hole, $\frac{1}{4}$ @ 4362. Br Wtr.

BRIDGES STATE #145

9/29 (7) 4750 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 4746. Br Wtr.

BRIDGES STATE #145

9/30 (8) 5565 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #145

10/1 (9) 5985 drlg lm, 7-7/8" hole, 3/4 @ 5750 Br Wtr.

BRIDGES STATE #145

10/2 (10) 6624 drlg lm, 7-7/8" hole, 3/4 @ 6000. Br Wtr.

BRIDGES STATE #145

10/3 (11) 6955 drlg lm, 7-7/8" hole, 1 $^{\circ}$ @ 6750. Br Wtr.

10/5 (13) 7500 drlg lm & sh, 7-7/8" hole, 3/4 @ 7047. Br Wtr.

BRIDGES STATE #145

10/6 (14) 7660 drlg lm, 7-7/8" hole, 3/4 @ 7600. Br Wtr.

BRIDGES STATE #145

10/7 (15) 7910 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #145

10/8 (16) 8142 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #145

10/9 (17) 8356 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #145

10/10 (18) 8567 drlg 1m, 7-7/8" hole, 1" @ 8498. Mudding Up.

10/12 (20) 8750 TD 1m, 7-7/8" hole, 3/4 @ 8750, WOC 5 1/2 csg, finish hole @ 12:30 a.m. 10/11/70, circ 3 hrs, P & LD DP & DC's, Dresser-Atlas ran GR-N & Lateralog 2600-8750/7 1/2 hrs, ran 243 jts 8750' of 17.0# & 15.50# J-55 LT&C & ST&C 8rd csg, cemented on bottom @ 8750 by Howco w/ 2900x TLLW w/ 114# flocele in 1st 1000x + 200x Class C Neat, PD 3:15 a.m. 10/12/70, cement did not circ, Rel Marcum Drlg Co rig @ 6:15 a.m. 10/12/70, prep to set out tools.

BRIDGES STATE #145, 8750 TD.

10/13 MOT - Worth Well ran temp survey, top of cement @ 2560, prep to MI unit to compl.

BRIDGES STATE #145, 8750 TD.

10/14 MIRU DA&S Well Serv DD unit, inst'l BOP, ran 4-3/4 bit, 5 1/2 csg scraper on 2 - 3 1/2 DC's and 2-3/8 tbg to 8717, SD for nite.

BRIDGES STATE #145, 8750 TD.

10/15 Test 5 1/2 csg to 2000#/15 min/ok, displ hole w/ lse oil, Runco Acidizing Co spotted 500 gals 15% NE acid on bottom, POH w/ tbg, DC's and bit, Dresser-Atlas ran GR-Collar-Corr log from 7930-8690, then perf 5 1/2 csg in the Abo @ 8575; 87; 89; 92; 94; 99; 8605; 07; 14; 17; 19; 36; 38; 42; 45; 47; 51; 53; 55; 57; & 8659 w/ 1 JSPF, total of 21 holes, ran Baker pkr on 2-3/8 tbg to 8000, SD for nite.

BRIDGES STATE #145, 8750 TD.

10/16 Runco displ acid into form, BDTP 4200, TTP 4000, AIR 2.4 BPM, ISIP 3300, 5 min 3100, job compl @ 8:00 a.m. 10/15/70, rel press, reset pkr @ 8516, S 37 BLO + 10 BNO + 9 BAW/3 hrs, L hr S 16 bbls, S/O 100% oil, 300' FIH, sl sh of gas, Runco reacidized perfs w/ 10,000 gals 15% NE acid containing 5# friction reducer/1000 gals, using 18 RCNB sealers, TTP 4000-4900, AIR 5.5 BPM, ISIP 3100, 10 min 2800, job compl @ 1:15 p.m. 10/15/70, S 22 BLO + 79 BAW/5 1/2 hrs, L hr S 18 bbls, S/O 98% AW, 5000' FIH, gd sh of gas, SD for nite.
- 15 BLO + 164 BAW.

BRIDGES STATE #145, 8750 TD.

10/17 SI 12 hrs, TP 100, bled off press, S 15 BLO + 93 BNO + 17 BAW/10 hrs, 4000' FIH, sl sh of gas, L hr S 15 bbls, S/O clean, SD for nite.
- 147 BAW.

10/18 SI 14 hrs, TP 100, bled off press, S 77 BNO + 31 BAW/10 hrs, pkr failed, SD for nite, prep to POP. - 156 BLO + 116 BAW.

10/19 POH w/ 2-3/8 tbg and pkr, LD 56 jts 2-3/8 tbg, ran 2-3/8 tbg, OP to 8716, T. Perfs 8693-96, SN @ 8692, Guib tbg anchor catcher @ 8571, set w/ 16,000# T, 2-7/8 tbg 0-1758, remove BOP, inst'l wellhead, SD for nite, prep to run pump & rods.

BRIDGES STATE #145, 8750 TD.

10/20 Ran pump and rods to SN 8692, spaced out, RD & Rel DA&S Well Serv unit @ 6:00 p.m. 10/19/70, Rel to Prod.
- 156 BLO + 116 BAW.

BRIDGES STATE #145, 8750 TD.

10/21 No report

BRIDGES STATE #145, 8750 TD.

10/21 P 80 BLO + 3 BAW/ 12 hrs.

- 76 BLO + 113 BAW

10/22 P 51 BLO + 21 BAW/ 24 hrs.

- 25 BLO + 92 BAW

BRIDGES STATE #145, 8750 TD.

10/23 P 25 BLO + 19 BNO + 16 BAW/ 24 hrs. Prep to change pump

- 76 BAW

BRIDGES STATE #145, 8750 TD

10/26/70 POTENTIAL Pulled and changed pump, P 36 BNO + 3 BAW/ 12 hrs, 167' FIH -72 BAW
NMOCC Potential Test P 37 BNO + 2 BAW/ 24 hrs, 9-100" x 1½" SPM
GOR 900/1, Grav 37.40 @ 60°, Allow 37 BOPD non por, top 334, cap 37
Completed 10-22-70.

FINAL REPORT