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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 ☐

2. Name of Operator
MOBIL OIL CORPORATION

3. Address of Operator
Box 933, Midland, Texas 79701

4. Location of Well

7. Unit Agreement Name

8. Farm or Lease Name
Bridges State

9. Well No.
141

10. Field and Pool, or Wildcat
Vacuum Abo, North

UNIT LETTER **D** LOCATED **660** FEET FROM THE **North** LINE AND **850** FEET FROM

THE **West** LINE OF SEC. **14** TWP. **17-S** RGE. **34-E** NMPM

15. Date Spudded **8-3-70** 16. Date T.D. Reached **8-27-70** 17. Date Compl. (Ready to Prod.) **9-3-70** 18. Elevations (DF, RKB, RT, GR, etc.) **4037 Gr** 19. Elev. Casinghead

20. Total Depth **8750** 21. Plug Back T.D. **8721** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name
8571-8642 Vacuum Abo, North

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
Melex Gr-Collar-Corr Log

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"	23. #	1715	12-1/4	1200 Sx.	--
5-1/2"	15.5 # & 17 #	8750	7-5/8	4800 Sx.	--

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8711	

31. Perforation Record (Interval, size and number)
8571, 76, 34, 86, 88, 97, 98, 8609, 12, 14, 16, 18, 20, 22, 24, 26, 36, 38, 40 & 8642 w/1-JSPF - Total of 20 Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8571-8642	Acidized w/10,000 gals. 15% NE acid + 5#/1000 gals. Fr. + 24 RCN Ball Sealers

33. PRODUCTION

Date First Production **8-3-70** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping 2" x 1-1/4 x 20'** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Shut-in Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-8-70	24	2" Tbg.	→	221	247.7	16 A	1121
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
--	--	→	221	247.7	16 A	37.9	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold to Phillips Petroleum Company

35. List of Attachments
Daily Drilling Summary

Test Witnessed By
H. R. Elledge

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 **9-15-70**

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 110.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1647</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Azoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2873</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3858</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4622</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6061</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. G. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8100</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	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	200		Caliche & Sand				
200	1715		Redbed				
1715	3524		Anhy. & Salt				
3524	5286		Lime				
5286	6430		Lime				
6430	6560		Lime & Shale				
6560	8750	T.D.	Lime				
				</			

DAILY DRILLING REPORT

Bridges State #141

BRIDGES STATE #141, 660' FNL & 860' FWL Sec 14, T-17-S, R-34-E,
Lea Co, N.M. OBJECTIVE: Drill and complete single Abo well.
AFE 0144 - Mobil Intr 100% - Est Cost \$112,000.

8/2/70 MIT, Marcum Drlg Co.

8/3 RUT, prep to spud.

BRIDGES STATE #141

8/4 (1) 1715 ND anhy, 12½" hole, ¼ @ 1715. Native Mud.
Prep to run 8-5/8 csg, Marcum Drlg Co spud in @ 8:00 a.m.
8/3/70.

BRIDGES STATE #141

8/5 (2) 1715 ND, WOC 8-5/8" csg, ran 43 jts 1715' 8-5/8 23.0#
J-55 8rd ST&C csg, cemented on bottom by Howco w/ 1000x
Class A 8% gel cement + 200x Incor Neat cement, all cement
contained 2% CaCl, PD @ 12:30 p.m. 8/4/70, cement circ, NU
8-5/8 csg, inst'l BOP's, test csg and BOP's 1000#/30 min/ok,
prep to drill 7-7/8" hole.

BRIDGES STATE #141

8/6 (3) 3145 drlg anhy, 7-7/8" hole, 1° @ 2750. Br. Wtr.
WOC total 18 hrs on 8-5/8 csg.

BRIDGES STATE #141

8/7 (4) 3735 drlg anhy, 7-7/8" hole, 1° @ 3360. Br Wtr.

BRIDGES STATE #141

8/8 (5) 4183 drlg lm, 7-7/8" hole, ¼ @ 4180. Br Wtr.

8/10 (7) 4850 drlg lm, 7-7/8" hole, ¾ @ 4784. Br Wtr.

BRIDGES STATE #141

8/11 (8) 5185 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #141

8/12 (9) 5568 drlg lm & ch, 7-7/8" hole, 1° @ 5190. Br Wtr.

BRIDGES STATE #141

8/13 (10) 6059 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #141

8/14 (11) 6425 drlg lm, 7-7/8" hole, 1° @ 6055. Br Wtr.

BRIDGES STATE #141

8/15 (12) 6715 drlg lm 7-7/8" hole ¾ @ 6632 Br Wtr.

8/17 (14) 7210 drlg lm 7-7/8" hole 1° 7165 Br Wtr.

8/18 BRIDGES STATE #141

(15) 7430 drlg. lm 7-7/8" hole NND Br. Wtr.

BRIDGES STATE #141

8/19 (16) 7628 drlg lm & dolo 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #141

8/20 (17) 7788 drlg 1m, 7-7/8" hole, ½ @ 7675. Br Wtr.

BRIDGES STATE #141

8/21 (18) 7970 drlg 1m & ch, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #141

8/22 (19) 8208 drlg 1m & ch, 7-7/8" hole, NND. Br Wtr.

8/24 (21) 8543 drlg 1m, 7-7/8" hole, 1¼ @ 8230. Br Wtr, prep to mud up.

BRIDGES STATE #141

8/25 (22) 8667 ND 1m, 7-7/8" hole, ¼ @ 8667. Br Wtr.
Attempted to mud up @ 8550 w/ no success due to wtr flow,
bit stuck @ 2925 past 5 hrs while making trip, spotted oil,
wtr flow washed oil out of hole, prep to RU driving tools.

BRIDGES STATE #141

8/26 (23) 8681 ND 1m, 7-7/8" hole, NND. Br Wtr.
Knocked bit loose w/ driving tools, POH w/ bit, rerun
bit, drld out cavings from 2925-50, ran bit to bottom,
drld 14', twisted off, POH, fished and rec 26 DC's and
bit, now inspecting DC's past 3 hrs.

BRIDGES STATE #141

8/27 (24) 8750 TD 1m, 7-7/8" hole, ½ @ 8750. Br Wtr.
Circ 2 hrs, P & LD DP & DC's, prep to run 5½ csg.

BRIDGES STATE #141, 8750 TD.

8/28 8750 TD 1m, WOC on 8750' 17.0 and 15.50# LT&C csg cemented
on bottom by Howco in two stages w/ DV Tool @ 3987, 1st stage
1000x T1LW + ¼# Flocele + 200x Class C Neat, PD @ 4:00 p.m.
8/27/70, open DV Tool, circ 6 hrs, cement did not circ, Howco
cemented 2nd stage thru DV Tool @ 3987 w/ 2500x T1LW + 100x
Class C Neat, PD @ 11:15 p.m. 3/27/70, cement did not circ,
have wtr flow out between 8-5/8 and 5½ csg, SI 2 hrs, CP 1000,
bled off CP, nipple up 5½ csg, Rel Marcum Drlg Co rig @ 6:30
a.m. 8/28/70, prep to MOT.

BRIDGES STATE #141, 8750 TD.

8/29 MOT, Worth Well ran Temp Survey to 3582, top of cement @ 2480,
CP after 4 hrs SI 1300#.

BRIDGES STATE #141

8/30 MIRU Lohmann Well Serv DD unit, NU 5½ csg, Howco press up
on 5½ csg to 2000#, then cemented down 5½ & 8-5/8 csg annl
w/ 1000x Incor Neat cement, PP 700#, SIP 300, job compl @
3:55 p.m. 8/29/70, WOC 8 hrs, Worth Well ran Temp Survey
to 3000, indicated bottom of cement @ 1780, top of primary
cement job @ 2690, prep to rerun survey.

8/31 Worth Well rerun Temp Survey after 17 hrs, no change in
cement tops, ran 4-3/4 bit, 5½ csg scraper on 4 - 3½ DC's
and 2-3/8 tbg to 3987, RU rev unit, SD for nite.

BRIDGES STATE #141, 8750 TD.

9/1 Drill DV tool 3987, ran bit to 8605, drill cement to 8720,
circ hole clean, test 5½ csg w/ 1500#/ok, displ wtr w/ lse
oil, SD for nite, prep to spot acid, log and perf.

BRIDGES STATE #141, 8750 TD.

- 9/2 Dowell spotted 500 gals 15% NE acid on bottom, POH w/ tbg, DC's and bit, Welex ran GR-Collar-Corr log from 2900-5100-5900-6500 and 8000-8721 PBTD, then perf 5½ csg in the Abo @ 8571; 78; 84; 86; 88; 97; 98; 8609; 12; 14; 16; 18; 20; 22; 24; 26; 36; 38; 40 and 8642 w/ 1 JSPF, total of 20 holes, ran 5½ Baker pkr on 2-3/8 tbg to 8013, SD for nite.

BRIDGES STATE #141, 8750 TD.

- 9/3 Dowell displ 12 bbls acid in form, TTP 3600, AIR .9 BPM, ISIP 3450, 10 min 1900, bled off press, reset pkr @ 8520, S 36 BLO + 5 BAW/7 hrs, 400' FIH, L hr Sw ½ bbl, S/O 100% AW, no gas, SD for nite.

BRIDGES STATE #141, 8750 TD, 8721 PBTD, Abo (8571-8642) OA.

- 9/4 13 hr SITP 25, 2000' FIH, S 10 BAW/2 hrs, then Dowell Chem Co reacidized Abo perfs w/ 10,000 gals 15% NE acid + 5#/1000 gals FR, 24 RCNB sealers, TTP 4600, AIR 5.3 BPM, ISDTP 3900, 15 min SITP 2300, job compl 11:25 a.m. MDT 9/3/70, then F 36 BLO + 219 BNO + 81 BAW/18 hrs, 28/64 ck, TP 180, L hr F 19 BNO + 4 BAW, 28/64 ck, TP 180, prep to POP.

BRIDGES STATE #141, 8750 TD, 8721 PBTD, Abo (8571-8642) OA.

- 9/5 Kill well w/ 40 BLO, POH w/ tbg & pkr, LD 57 jts 2-3/8 tbg, remove BOP, inst'l wellhead, inst'l BOP, ran 2-3/8 tbg to 8711, Tbg Perfs 8677-81, SN @ 8676, Guib anchor catcher @ 8518, set w/ 15,000# T, 2-7/8 tbg to 1887, remove BOP, inst'l tree, SD for nite, prep to run rods & pump.

- 9/7 Ran 193 - 3/4 and 83 - 7/8 rods & pump, Rel Lohmann unit 6:00 p.m. 9/5/70, Rel to Prod Foreman. - 223 BLO + 59 BAW.

- 9/8 P 223 BLO + 110 BNO + 31 BAW/35 hrs. - 28 BAW.
Prep to take OCC Pot test.

BRIDGES STATE #141, 8750 TD, 8721 PBTD.

- 9/9/70 NMOCC POT TEST: P 221 BNO + 16 BAW/24 hrs, 9½ - 100" x 1½ SPM,
POTENTIAL GOR 1121/1, Grav 37.9 @ 60, Allow 221 nonprorated, Top 334,
Cap 221, Compl 9/3/70. - 12 BAW.
FINAL REPORT.