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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.

1a. 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. 172	
3. Address of Operator Box 633, Midland, TX 79701				10. Field and Pool, or Wildcat Vacuum Abo, North	
4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 3 TWP. 17-S RGE. 34-E NMPM Lea				12. County	
15. Date Spudded 3-20-72	16. Date T.D. Reached 4-10-72	17. Date Compl. (Ready to Prod.) 4-18-72	18. Elevations (DF, RKB, RT, GR, etc.) 4067 Gr.	19. Elev. Casinghead	
20. Total Depth 8800	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 8643-8681 Vacuum Abo, North				25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Dresser Atlas, Gr-C, SIM-Gr				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
12 3/4"	344	296	17 1/4"	450 x	
8 5/8"	244 & 284	3080	11	1400 x	
5 1/2"	15.64 & 174	8800	7 7/8	2300 x	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2 3/8	2586
				2 7/8	
31. Perforation Record (Interval, size and number) 8643, 44, 45, 46, 68, 70, 71, 73, 75, 77, 79 8681, 2 JSPP total of 24 holes			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 8643-8681 AMOUNT AND KIND MATERIAL USED 2 JSPP total of 24 holes Western acidized w/10,000 gals 15% HCl acid, containing 5% FR/1000 gals + 25 RCHB sealer		
33. PRODUCTION					
Date First Production 4-15-72		Production Method (Flowing, gas lift, pumping — Size and type pump) Pump 2" x 1 1/4" x 10'			Well Status (Prod. or Shut-in) Prod.
Date of Test 4-23-72	Hours Tested 24	Choke Size 2" tubing	Prod'n. For Test Period 273	Oil — Bbl. 24.98	Gas — Oil Ratio 918
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate 37.9	Oil — Bbl.	Gas — MCF	Water — Bbl.
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Company				Test Witnessed By H. R. Ellledge	
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 X J McDaniel		TITLE Authorized Agent		DATE 4-26-72	

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

Northwestern New Mexico

T. Anhy 1642	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2935	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3282	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4890	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta 5060	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7404	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 8098	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	296		Sand, Gravel & Redbed				
296	1845		Redbed				
1845	2580		Anhy & Salt				
2580	2594		Anhy				
2594	3195		Anhy & Salt				
3195	3284		Anhy				
3284	8098		Lime				

RECEIVED
MAY 2 1972
OIL CONSERVATION COMM.
HOBBS, N. M.

DAILY DRILLING REPORT

BRIDGES STATE #172

BRIDGES STATE #172, 660' FSL & 660' FEL, Sec 3, T17S, R34E, Lea County, New Mexico. OBJECTIVE: Drill & complete single Abo oil well. - AFE #1160 - MOBIL INT. 100% - EST. COST \$133,000.

3/20/72 Marcum Drlg Co MIT, 100% RU, prep to spud.

BRIDGES STATE #172

3/21 (1) 296 ND red bed 17½" hole, 1/4° 290, WOC on 12-3/4" csg, ran 7 jts 296' 12-3/4" 34.0# ST&C csg cmtd on bottom @ 296 by Howco w/ 450 sx Class H cmt w/ 2% CaCl + 1/4# flocele per sx, PD @ 2:00 p.m. 3-20-72, cmt circ, Marcum Drlg Co spud in @ 10:30 a.m. 3-20-72, WOC.

BRIDGES STATE #172

3/22 (2) 2492 drlg salt, 11" hole, 1° 2310. Br. Wtr.
WOC on 12-3/4" csg 18 hrs.

BRIDGES STATE #172

3/23 (3) 3080 ND, anhy 11" hole, 1° 3080. Br. Wtr.
Circ 2 hrs, P & LD DP & DC's, now running 8-5/8" csg, 70 jts in hole.

BRIDGES STATE #172

3/24 (4) 3165 drlg 1m 7-7/8" hole, NND. Fr. Wtr.
Finish running 8-5/8" csg, total 75 jts 3080' 28.0# & 24.0# 8rd ST&C csg cmtd on bottom @ 3080 by Howco w/ 1200 sx TILW containing 7½# salt per sx + 200 sx Class C cmt containing 2.6# salt per sx, PD @ 9:15 a.m. 3-23-72, cmt circ, WOC total 18 hrs, test BOP & csg 1000# ok.

BRIDGES STATE #172

3/25 (5) 3829 drlg 1m, 7-7/8" hole, 3/4 @ 3600. Fr Wtr.

3/27 (7) 4786 drlg 1m, 7-7/8" hole, ½ @ 4770. Fr Wtr.

BRIDGES STATE #172

3/28 (8) 5081 drlg 1m, 7-7/8" hole, 3/4 @ 4970. Fr Wtr.

BRIDGES STATE #172

3/29 (9) 5408 drlg 1m, 7-7/8" hole, 3/4 @ 5200. Fr Wtr.

BRIDGES STATE #172

3/30 (10) 5901 drlg 1m, 7-7/8" hole, ½ @ 5857. Fr Wtr.

BRIDGES STATE #172

3/31 (11) 6154 drlg 1m, 7-7/8" hole, St @ 6040. Fr Wtr.

4/1 (12) 6500 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

4/3 (14) 7130 drlg 1m, 7-7/8" hole, ½ @ 6620. Fr Wtr.

BRIDGES STATE #172

4/4 (15) 7405 drlg 1m 7-7/8" hole, 1/2° 7290. Fr. Wtr.

BRIDGES STATE #172

4/5 (16) 7724 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

BRIDGES STATE #172

4/6 (17) 7980 drlg 1m 7-7/8" hole, 3/4" 7770. Fr. Wtr.

BRIDGES STATE #172

4/7 (18) 8304 drlg 1m, 7-7/8" hole, 1/2 @ 8270. Fr Wtr.

BRIDGES STATE #172

4/8 (19) 8430 drlg 1m, 7-7/8" hole, 3/4 @ 8340, Fr Wtr.
fished & rec one cone off bit w/ 7" OD magnetic bskt.

4/10 (21) 8788 drlg 1m, 7-7/8" hole, NND. 9.8-36-15.0.

BRIDGES STATE #172

4/11 (22) 8800 TD 1m, 7-7/8" hole, 1 1/2 @ 8800, 9.8-36-18.0.
finish hole, circ 2 hrs, P & LD DP & DC's, Dresser-Atlas
ran SWN-GR logs 0-8799/7 hrs, ran 275 jts 5 1/2 17.0# & 15.50#
J-55 LT&C csg to 8800, 5887' 17.0# on bottom, Howco prep to
cmt.

BRIDGES STATE #172, 8800 TD.

4/12 WOC 5-1/2 csg, Howco cmtd 5-1/2 csg on bottom @ 8800 w/ 2100x T1LW w/
1/4# Flocele in 1st 1000x + 200x Class C Neat cmt, PD @ 9:00 a.m. 4/11/72,
cmt circ, set slips, cut off csg, Rel Marcum Drlg Co rig @ 12:00 noon
4/11/72, prep to MOT.

BRIDGES STATE #172, 8800 TD.

4/13 MOT, inst'l unit anchors, prep to MI unit to compl.

BRIDGES STATE #172, 8800 TD.

4/14 MIRU DA&S Well Serv Co, inst'l BOP, ran 4-3/4 bit, 5 1/2 csg
scraper on 223 jts 2-3/8 tbq, SD for nite.

BRIDGES STATE #172, 8800 TD.

4/15 FIH w/ bit & scraper, displ hole to oil, Western spotted 500
gals 15% NE acid, POH, Dresser-Atlas ran GR-C log 8760-8400,
perf Abo 8643; 44; 45; 46; 68; 70; 71; 73; 75; 77; 79; 8681 w/
2 sh/interval, 24 holes, ran Baker Model R on 2-3/8 to 8000,
displ acid into form, BD 3800, TTP 3350-4900, AIR 2.9 BPM, ISIP
3700, 7 min vac, job compl 3:00 p. m. 4/14/72, set pkr @ 8621,
S 41 BLO + 4 BAW/3 hrs, 100' FIH, S1 sh gas, SD for nite. - 8 BAW.

4/16 SI 13 hrs, 3500' FIH, S 16 BNO + 2 BAW/ 1 1/2 hrs, gd sh gas,
Western acidized Abo perfs w/ 10,000 gals 15% NE acid containing
5# FR/1000 gals and 25 RCNB, TTP 3900-6000, AIR 5.9 BPM, ISIP
3350, 5 min 1850, 10 min 1300, 15 min 1000, job compl @ 10:00
a.m. 4/15/72, S 40 BLO + 120 BNO + 40 BAW/17 hrs, L hr S 10 BF,
S/O 70% oil, 2500' FIH, gd sh gas. - 206 BAW.

4/17 S 30 BNO + 5 BAW/3 1/2 hrs, L hr S 10 bbls, S/O 90% oil, 1500' FIH,
gd sh of gas, POH w/ tbq & pkr, LD 63 jts 2-3/8 tbq, ran 2-3/8
tbq, OP to 8750, T. Perfs 8717-20, SN @ 8716, 4 jts 2-3/8 tbq,
Baker TA catcher set @ 8586 w/ 20,000# T, 213 jts of 2-3/8 tbq
+ 62 jts 1942' 2-7/8 tbq, remove BOP, inst'l wellhead, SD for
nite. - 165 BLO + 101 BAW.

BRIDGES STATE #172, 8800 TD.

4/18 Ran pump on 193 - 3/4 rods, SD for nite.

BRIDGES STATE #172, 8800 TD.

4/19 Finish running pump & rods to SN @ 8716, spaced out, clamped off,
RD, Rel unit & Rel well to prod @ 12:00 noon 4/18/72.
- 165 BLO + 201 BAW.

BRIDGES STATE #172, 8800 TD.

4/20 P 143 BLO + 5 BLW/14 hrs. - 22 BLO + 196 BLW.

BRIDGES STATE #172, 8800 TD.

4/21 P 22 BLO + 189 BNO + 6 BLW/24 hrs. - 190 BLW.

BRIDGES STATE #172, 8800 TD.

4/22 P 304 BNO + 4 BLW/24 hrs. - 186 BLW.

4/23 P 267 BNO + 17 BLW/24 hrs. - 169 BLW.

4/24/72 NM OCC POT: P 273 BNO + 8 BLW/24 hrs, 10 - 1½ x 100" SPM,
POTENTIAL GOR 915/1, Grav 37.9 @ 60, Allow 273 (NP), Top 382, Cap 273,
Compl 4/15/72.
FINAL REPORT.