

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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. 149	
3. Address of Operator Box 633, Midland, Texas 79701		10. Field and Pool, or Wildcat Vacuum Abo, North	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1780 FEET FROM THE East LINE OF SEC. 27 TWP. 17-S RGE. 34-E NMPM		12. County Lea	
15. Date Spudded 1-31-71	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.) 2-24-71	18. Elevations (DF, RKB, RT, GR, etc.) 4040 GR
19. Elev. Casinghead ---	20. Total Depth 8750		
21. Plug Back T.D. 8708		22. If Multiple Compl., How Many No	23. Intervals Drilled By X
24. Producing Interval(s), of this completion - Top, Bottom, Name 8628 - 8664 Vacuum Abo, North			25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run Schl. Gr-N - collar log			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8-5/8"	23#	1630	12-1/4"
5-1/2"	15.5# & 17#	8750	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
1000 x		--	
3100 x		--	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET		
2-3/8"	8704	--	
2-7/8"			
31. Perforation Record (Interval, size and number) 8628, 32, 46, 48, 53, 58, 61, 64, 8673 2 JSPP total 18 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8628-8673		Runco acidized w/10,500 gals 15% NE acid, 5# FR/1000 gals + 18 RCNB sealers.	
33. PRODUCTION			
Date First Production 2-24-71	Production Method (Flowing, gas lift, pumping - Size and type pump) 2" x 1-1/2 x 12"		Well Status (Prod. or Shut-in) Producing
Date of Test 3-4-71	Hours Tested 24	Choke Size 2" tub.	Prod'n. For Test Period 197
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 6-BAW
			Gas - MCF 858
			Water - Bbl. ---
			Oil Gravity - API (Corr.) 37.9
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Phillips Petroleum Company			Test Witnessed By H. R. Elledge
35. List of Attachments (1) Summary of drilling report.			
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 J. McDaniel		TITLE Authorized Agent	
		DATE 3-9-71	

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 _____	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 2838	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3791	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4342	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta 6062	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 8140	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler Anhy 1554	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	155		Sand & Gravel				
155	400		Sand & Red Bed				
400	1210		Red Bed				
1210	1312		Anhy				
1312	1630		Red Bed & Anhy				
1630	3154		Anhy & Salt				
3154	3614		Lime & Shale				
3614	8750		Lime				

RECEIVED
MAR 1 1971
OIL CONSERVATION COMM.
HOBBS, N. M.

DAILY DRILLING REPORT

Bridges State #149

BRIDGES STATE #149, 1980' FSL & 1780' FEL Sec 27, T-17-S, R-34-E, Lea Co, N.M. OBJECTIVE: Drill and complete a single Abo producer. AFE 0156 - Mobil Intr 100% - Est Cost \$117,000.
1/31/71 Marcum Drlg Co MIT, 50% RU.

2/1 (1) 1624 drlg anhy, 12¼" hole, 3/4 @ 1240. Spud Mud.
Marcum Drlg Co spud in @ 3:00 p.m. 1/31/71.

BRIDGES STATE #149

2/2 (2) 1630 ND anhy 1-3/4" @ 1630, WOC on 8-5/8" csg, ran 40 jts 8-5/8" 23# csg to TD, Dowell cemented w/ 800 sx Class H 8% gel + 2% CaCl₂ and 200 sx Class H w/ 2% CaCl₂, cement circ, plug down @ 4:00 p.m. 2-1-71.

BRIDGES STATE #149

2/3 (3) 3154 drlg anhy 7-7/8" hole, 1½" @ 3152. Br. Wtr.
WOC 19 hrs, test csg to 1000# OK.

BRIDGES STATE #149

2/4 (4) 3705 drlg anhy & lm 7-7/8" hole, 1½" 3598. Br. Wtr.

BRIDGES STATE #149

2/5 (5) 4200 drlg lm, 7-7/8" hole, 1½ @ 4053. Br Wtr.

BRIDGES STATE #149

6 (6) 4552 drlg lm, 7-7/8" hole, 1½ @ 4552. Br Wtr.

2/8 (8) 5640 drlg lm, 7-7/8" hole, 1" @ 4732. Br Wtr.

BRIDGES STATE #149

2/9 (9) 6056 drlg lm, 7-7/8" hole, 1" @ 6020. Br Wtr.

BRIDGES STATE #149

2/10 (10) 6620 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #149

2/11 (11) 6967 drlg lm, 7-7/8" hole, 1½ @ 6666. Br Wtr.

BRIDGES STATE #149

2/12 (12) 7275 drlg lm, 7-7/8" hole, 1½ @ 7213. Br Wtr.

BRIDGES STATE #149

2/13 (13) 7572 drlg lm 7-7/8" hole, NND. Br. Wtr.

2/14 (15) 8048 drlg lm 7-7/8" hole, 3/4" 7955. Br. Wtr.

2/16 (16) 8240 drlg lm 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #149

2/17 (17) 8414 drlg lm 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #149

2/18 (18) 8616 drlg lm 7-7/8" hole, 3/4" 8552. 10.0-34-18.0.

BRIDGES STATE #149

2/19 (19) 8750 TD lm, 7-7/8" hole, NND. 9.8-38-12.2.
Circ at TD 3 hrs, LD DP past 1 hr.

BRIDGES STATE #149

- 2/20 (20) 8750 TD, WOC on 5½" csg, 3/4" @ 8750.
Finished LD DP & DC 4 additional hrs, Schl ran SNP log to surf to 8694 6½ hrs, attempt to run LL, stopped @ 8610, then ran 248 jts 5½" 15.5# & 17# 8RT J-55 csg (2032' 17#), cem by Dowell w/ 2900 sx Trinity Lite-Wate ½# flocele, 1st 1000 sx + 200 sx Class C Neat, plug down 2:15 a.m. CST 2-20-71, cem did not circ, rel Marcum Drlg Co @ 5:15 a.m. 2-20-71, WOC.
- 2/22 8750 TD
After WOC 8 hrs, Worthwell Surveys ran temp survey, found top cem @ 2610, MORT, instl guy line anchors, prep to RU PU.
- BRIDGES STATE #149, 8750 TD.
- 2/23 MIRU X-Pert Well Serv DD unit, inst'l BOP, unloaded tbg, ran 4-3/4 bit, 5½ csg scraper on 2-3/8 tbg to 8708, Runco displ wtr to oil and spotted 500 gals 15% NE acid on bottom, pulled 10 stands tbg, SD for nite.
- BRIDGES STATE #149, 8750 TD.
- 2/24 POH w/ bit, Schl ran GR-N-Collar log 8704-8300, then perf 5½ csg 8628; 32; 46; 48; 53; 58; 61; 64; & 73, 2 JSPI, 18 holes, then ran 5½ RTTS pkr set @ 8000, then Runco pumped away acid (500 gals), BDTP 3300, TTP 3700-3550, AIR 1.2 BPM, ISDTP 3300, 5 min SITP 2650, job compl 1:45 p.m. 2/23/71, reset pkr @ 8560, then S 40 BLO/3 hrs, 500' FIH, sl sh gas, SI for nite. - 12 BAW.
- BRIDGES STATE #149, 8750 TD, 8708 PBTD, Abo (8628-73) OA.
- 2/25 SI 13 hrs, TP 75, F 8 BNO/1 hr, 2" ck, then Runco reacidized Abo perfs down 2-3/8 tbg w/ 10,000 gals 15% NE acid, 5# FR/1000 gals + 18 RCNB sealers, TTP 3900-5000, AIR 5.2 BPM, ISITP 3200, 15 min SITP 3000, job compl 9:30 a.m. 2/24/71, then S 48 BLO + 123 BNO + 46 BAW/20 hrs, L hr S 9 BF, S/O 96% oil, 8000' Sc FIH, fr sh gas. - 206 BAW.
- BRIDGES STATE #149, 8750 TD, 8708 PBTD, Abo (8628-73) OA.
- 2/26 S & F 119 BNO + 22 BAW/10 hrs, L hr S & F 12 BF, S/O 95% oil, sc FIH, good sh gas. - 184 BAW.
- BRIDGES STATE #149, 8750 TD, 8708 PBTD, Abo (8628-73) OA.
- 2/27 Unseated pkr, SD high winds.
- 3/1 POH w/ tbg & pkr, LD 66 jts 2-3/8 tbg, ran 2-3/8 tbg, OP to 8704, T. Perfs 8685-88, SN @ 8684, Baker TA catcher @ 8561, set w/ 12,000# T, 215 jts 2-3/8 tbg 6688 + 66 jts 2-7/8 tbg 1982, remove BOP, inst'l wellhead, ran pump on 193 - 3/4; 82 - 7/8; & 69 - 1" rods, clamped off, RD & Rel X-Pert Well Serv unit and Rel to Prod to set pumping unit @ 4:00 p.m. 2/28/71. - 160 BLO + 184 BAW.
- BRIDGES STATE #149, 8750 TD, 8708 PBTD.
- 3/2 Set PU, POP, S 160 BLO + 184 BAW.
- BRIDGES STATE #149, 8750 TD, 8708 PBTD.
- 3/3 P 81 BLO + 5 BAW/15 hrs. - 79 BLO + 179 BAW.

BRIDGES STATE #149, 8750 TD, 8708 PBTD.

3/4

P 79 BLO + 117 BNO + 24 BAW/24 hrs.

- 155 BAW.

BRIDGES STATE #149, 8750 TD, 8708 PBTD.

3/5/71

POTENTIAL

NM OCC POT: P 197 BNO + 6 BAW/24 hrs, 9 - 1½ x 100" SPM,
GOR 858/1, Grav 37.9 @ 60, Allow 197 BOPD nonprorated,
Top 358, Cap 197, Compl 2/24/71.

- 149 BAW.

FINAL REPORT.