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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	

1a. TYPE OF WELL						7. Unit Agreement Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						8. Farm or Lease Name	
b. TYPE OF COMPLETION						9. Well No.	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						10. Field and Pool, or Wildcat	
2. Name of Operator						11. County	
Mobil Oil Corporation						Lea	
3. Address of Operator						12. State	
Box 633, Midland, Texas 79701						New Mexico	
4. Location of Well						13. Township	
UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1730</u> FEET FROM						14. Range	
THE <u>East</u> LINE OF SEC. <u>15</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM						15. Date Spudded	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
2-27-72		3-3-72		5-15-72		4043.5 GR	
19. Elev. Casinghead		20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
-		4800		-		-	
23. Intervals Drilled By						24. Producing Interval(s), of this completion - Top, Bottom, Name	
Rotary Tools ☒ Cable Tools ☐						25. Was Directional Survey Made	
-						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Schl. BHC-S-GR, Dresser-Atlas BNP						Yes	
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"	28#	365	12-1/4"	450 sz.	-		
5-1/2"	14# & 15.5#	4800	7-7/8"	1550 sz.	-		
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4770	
30. TUBING RECORD				31. Perforation Record (Interval, size and number)			
				4528, 29, 30, 31, 32, 4001, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 1000, 03, 4704 w/2-JSPF - Total of 46 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				33. PRODUCTION			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
4528-4704				2 INPT Total of 46 holes			
Date First Production				Production Method (Flowing, gas lift, pumping - Size and type pump)			
5-15-72				Pumping 2" x 1-1/4" x 12'			
Date of Test				Well Status (Prod. or Shut-in)			
5-21-72				Prod.			
Hours Tested		Choke Size		Prod'n. For Test Period		Gas - Oil Ratio	
24		-		4		-	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil Gravity - API (Corr.)	
-		-		-		34.6	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sola						H. B. Elledge	
35. List of Attachments							
1. Daily Drilling 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 <u>Christine O. Tucker</u>				TITLE <u>Proration Clerk</u>		DATE <u>May 22, 1972</u>	

DAILY DRILLING REPORT

BRIDGES STATE #174

BRIDGES STATE #174, 1980' FSL & 1780' FEL Sec 15, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill well, test and squeeze off the Queen sd and then complete as a single producer in the Grayburg San Andres formation. AFE 2233 - Mobil Intr 100% - Est Cost \$71,000.

2/28/72 (1) 365 ND red bed, 12¼" hole, ½ @ 365, WOC 8-5/8 csg, S. Mud. ran 9 jts L.B. Foster 8-5/8 28# ST&C csg, Dowell cmt w/ 450x Class H cmt w/ 2% CaCl, cmt circ, PD 5:00 p.m. 2/27/72, Cactus Drlg Co spud 12:30 p.m. 2/27/72.

BRIDGES STATE #174

2/29 (2) 1596 drlg anhy, 7-7/8" hole, ¾ @ 1596, test 8-5/8 csg & BOP to 1000#/ok.

Br Wtr.

BRIDGES STATE #174

3/1 (3) 2700 drlg anhy, 7-7/8" hole, 1½ @ 2135.

Br Wtr.

BRIDGES STATE #174

3/2 (4) 3249 drlg anhy, 7-7/8" hole, 1½ @ 3023.

Br Wtr & Oil.

BRIDGES STATE #174

3/3 (5) 3550 drlg anhy, 7-7/8" hole, 1½ @ 3550.

Br Wtr & Oil.

BRIDGES STATE #174

3/4 (6) 3800 drlg lm, 7-7/8" hole, 2° @ 3742.

Br Wtr & Oil.

3/6

(8) 4275 drlg lm, 7-7/8" hole, 1° @ 4105.

Br Wtr & Oil.

BRIDGES STATE #174

3/7 (9) 4455 drlg lm, 7-7/8" hole, ¾ @ 4407.

Br Wtr & Oil.

BRIDGES STATE #174

3/8 (10) 4630 drlg lm, 7-7/8" hole, NND.

Br Wtr & Oil.

BRIDGES STATE #174

3/9 (11) 4723 coring lm 7-27/32" hole, ¾ @ 4673.

10.4-40-20.0.

Core #1 4673-4723, POH w/ core #1

BRIDGES STATE #174

3/10 (12) 4800 TD lm, 7-7/8" hole, NND, 10.4-41-14.0, 4% oil. finish POH w/ Core #1: 4673-4723, cut 50', rec 50', ran bit, drld to 4800, circ 1½ hrs, POH, Schl running OH logs past 1½ hrs.

BRIDGES STATE #174

3/11 4800 TD, WOC 5½" csg, Schl ran BHC-S-GR logs 0-4803 loggers TD & SNP log 1600-4803, Dresser-Atlas ran SNP log from 1500-4802, ran bit to bottom circ 2 hrs, P & LD DP & DC's, ran 151 jts 5½" OD 13.5# & 14.0# J-55 8rd ST&C csg, Dowell cmtd on bottom @ 4800 w/ 1350 sx TLLW containing 7.5# salt/sx + 200 sx Class C neat cmt, PD @ 2:00 a.m. 3-11-72, cmt circ, set slips, cut off csg, rig down & rel Cactus Drlg Co rig @ 5:00 a.m. 3-11-72.

3/13

4800 TD
MOT, hold for coml.

- BRIDGES STATE #17 4800 TD
3/14 Set anchors, prep to MI unit to complete.
- BRIDGES STATE #174, 4800 TD
3/15 MIRU X-Pert Well Ser Unit, instl BOP, ran 4-3/4" bit, 5 1/2" csg scraper on 2-3/8" tbg to 4770, test csg to 1500# ok, displ hole w/ lease oil, pull 110 jts of tbg, SD for nite.
- BRIDGES STATE #174, 4800 TD
3/16 POH w/ bit & scraper, Schl ran GR-Col log 4774-3200, PBTD Schl 4774, perf Queen 3931-3940 w/ 1 JSPF, total of 10 holes ran Baker R pkr set @ 3876, sw 15 BLO/ 1 hr, sw dry 2 hrs, SD for nite.
- BRIDGES STATE #174, 4800 TD
3/17 Sw 2 BLO in 1 hr, sw dry 1 hr, Dowell acidized perfs 3931-40 w/ 3000 gals 15% NE acid, used 10 RCNB'S, TTP 2100-3000#, AIR 4.4 BPM, ISIP 2150#, 10 min 1700#, job compl 10:30 a.m. 3-16-72, sw 18 BLO 1 1/2 hrs, sw dry 4 hrs, SD for nite.
-72 BAW.
- BRIDGES STATE #174, 4800 TD
3/18 SI 12 hrs, TP 0750' FIH, sw 1 1/2 BLO/1 hr, sw dry, Coleman Engr ran & set BHPB @ 3935, set @ 10:30 a.m. 3-17-72, SI for 72 hrs.
- 3/20 SI past 67 1/2 hrs for BHPT.
- BRIDGES STATE #174, 4800 TD
3/21 SI total 72 hrs, Coleman Engr Co pull bomb, SD, WOO.
- BRIDGES STATE #174, 4800 TD
3/22 Prep to put on pump.
- BRIDGES STATE #174, 4800 TD
3/23 POH w/ tbg & pkr, ran 2-3/8" tbg OP to 4765, T perfs 4731-34, SN @ 4730, 2 jts of tbg, Guib tbg anchor set @ 4664 w/ 21,000# ten, 148 jts 2-3/8" EUE 8rd tbg, remove BOP, instl wellhead, ran pump & rods, clamped off, rig down, rel unit & rel well to prod @ 6:00 p.m. 3-22-72.
-120 BLO + 72 BAW.
- BRIDGES STATE #174, 4800 TD
3/24 POP. -120 BLO + 72 BAW.
- BRIDGES STATE #174, 4800 TD.
3/25 P 58 BLO + 21 BAW/24 hrs, no gas. - 62 BLO + 51 BAW.
- 3/26 Pump stuck, pulled and changed pump.
- 3/27 P 4 BLO + 1 BAW/20 hrs. - 58 BLO + 50 BAW.
- BRIDGES STATE #174, 4800 TD.
3/28 P 11 BLO + 34 BAW/24 hrs. - 47 BLO + 16 BAW.
- BRIDGES STATE #174, 4800 TD.
3/29 P 6 BLO + 3 BLW/24 hrs, no gas, 364' FIH. - 41 BLO + 13 BLW.
- BRIDGES STATE #174, 4800 TD.
3/30 P 3 BLO + 1 BLW/24 hrs, no gas. - 38 BLO + 12 BLW.

BRIDGES STATE #174 4800 TD.
 3/31 Pulled and changed pump, P 4 BLO + 1 BLW/ hrs, no gas.
 - 34 BLO + 11 BLW.

4/1 P 0 BLO + 2 BLW/24 hrs, no gas. - 34 BLO + 9 BLW.

4/2 P 0 BLO + 3 BLW/24 hrs, no gas. - 34 BLO + 6 BLW.

4/3 P 0 BLO + 1 BLW/24 hrs, no gas. - 34 BLO + 5 BLW.

BRIDGES STATE #174, 4800 TD
 4/4 P 0 BLO + 5 BLW/ 24 hrs, no gas. -34 BLO.

BRIDGES STATE #174, 4800 TD
 4/5 P 0 oil + 4 BLW/ 24 hrs, no gas. -34 BLO.

BRIDGES STATE #174, 4800 TD
 4/6 P 0 oil + 2 BLW/ 24 hrs, no gas. -34 BLO.

BRIDGES STATE #174, 4800 TD.
 4/7 P 0 BLO + 3 BSW, no gas. - 34 BLO.

BRIDGES STATE #174, 4800 TD.
 4/10 P 0 BNO + 18 BSW/3 days, no gas, - 34 BLO.
 prep to sqz and test San Andres.

BRIDGES STATE #174, 4800 TD.
 4/11 MIRU X-Pert Well Serv unit, POH w/ rods, pump & tbq, inst'l
 BOP, ran Howco RTTS pkr on 2-3/8 tbq, set @ 3694, Howco sqzd
 Queen perfs 3931-40 w/ 100x Class C cmt, TP 2600, 90x in perfs,
 job compl @ 4:20 p.m. 4/10/72, SI & SD for nite, WOC.

BRIDGES STATE #174, 4800 TD.
 4/12 POH w/ tbq & pkr, ran 4-3/4 bit, 5 1/2 csg scraper on 2 - 3 1/2 DC's & 2-3/8
 tbq, drld cmt in 3 1/2 csg from 3833-3977, ran bit to 4774, circ hole clean,
 test csg 1100#/30 min/ok, Dowell displ hole w/ 1se oil, then spotted 500
 gals 15% NE acid on bottom, POH w/ tbq, DC's and bit, SD for nite, prep to
 perf SA zone.

BRIDGES STATE #174, 4800 TD.
 4/13 Western Co perf 5 1/2 csg in the SA @ 4528; 29; 30; 31; 32; 4681; 82; 83; 84;
 85; 86; 87; 88; 89; 94; 95; 96; 97; 98; 99; 4700; 03; & 4704 w/ 2 JSPP,
 total of 46 holes, ran tbq & pkr, set pkr @ 4094, Dowell displ 500 gals acid
 into perfs, BDTP 2750, TTP 2750, AIR 1/2 BPM, ISIP 2500, 15 min 400, job compl
 @ 10:50 a.m. 4/12/72, run tbq to 4636 w/pkr set @ 4511, S 24 BLO + 20 BNO +
 12 BAW + 8 BFW/5 hrs, 300' FIH, no gas, L hr S 4 bbls, S/O 30% wtr, cont to
 sw test.

BRIDGES STATE #174, 4800 TD.
 4/14 S 10 BNO + 96 BFW/11 hrs, 500' FIH, fr sh of gas, L hr S 5 bbls,
 S/O 95% wtr, SD for nite.

BRIDGES STATE #174, 4800 TD.
 4/15 S 5 BNO + 86 BFW/11 hrs, 500' FIH, sl sh gas, L hr S 5 BF,
 98% wtr, Cl 65,240, Na 33,351, Ca 4600, Mg 2919, Sulf 3500,
 Bicarb 274, Ph 5.5, SG 1.076.

4/16 S 4 BNO + 84 BFW/11 hrs, 350' FIH, S 4 BF L hr S/O 98% wtr,
 prep to POP, SD for nite.

4/17 Prep to POP.

BRIDGES STATE #174, 4800 TD.

- 4/18 POH w/ tbg & pkr, rerun 2-3/8 tbg, OP to 4770, 1. Perfs 4737-40, SN @ 4736, Guib AC set @ 4487 w/ 20,000 # T, total of 150 jts of tbg, ran pump & rods, hung on pump, RD, Rel unit & Rel to Prod @ 5:00 p.m. 4/17/72. - 86 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/19 P 4 BLO + 36 BSW/24 hrs. - 82 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/20 P 11 BLO + 45 BSW/24 hrs. - 71 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/21 P 0 BLO + 38 BSW/24 hrs. - 61 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/24 P 22 BLO + 166 BSW/3 days. - 19 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/25 P 10 BLO + 76 BSW/24 hrs. - 9 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/26 P 8 BLO + 81 BSW/24 hrs. - 1 BLO.
- BRIDGES STATE #174, 4800 TD.
- 4/27 P 1 BLO + 5 BNO + 92 BSW/24 hrs.
- BRIDGES STATE #174, 4800 TD.
- 4/28 P 20 BNO + 90 BSW/24 hrs.
- BRIDGES STATE #174, 4800 TD
- 5/1 P 31 BNO + 270 BSW/ 3 days.
- BRIDGES STATE #174, 4800 TD
- 5/2 P 7 BNO + 88 BSW/ 24 hrs.
- BRIDGES STATE #174, 4800 TD
- 5/3 P 9 BNO + 88 BSW/ 24 hrs.
- 5/3 MIRU X-Pert Well Ser Unit, POH w/ rods & pump & tbg, instl BOP, SD for nite, prep to squeeze perfs 4528-4532.
- BRIDGES STATE #174, 4800 TD
- 5/4 Ran Howco ret BP & RTTS pkr on 2-3/8" tbg, set BP @ 4600', test to 2000# ok, spot 2 sx of sd on plug, set pkr @ 4446, Howco pumped into Grayburg perfs 4528-4532, 1.5 BPM @ 5000#, then squeezed w/ 100 sx Class C neat cmt, TP 5000#, pumped 16 sx of cmt into perfs, rev out cmt, reset pkr @ 4385, press up to 2000#, SI & SD @ 11:00 a.m. 5-3-72, WOC.
- BRIDGES STATE #174, 4800 TD
- 5/5 POH w/ tbg & RTTS pkr, ran 4-3/4" bit, 5 1/2" csg scraper on 2 3/4" DC's & 2-3/8" tbg, drill cmt from 4451-4535 in 3 hrs, circ hole clean, test csg 500# 15 min ok, ran bit, circ sd off BP @ 4600, displ hole w/ lease oil, POH w/ ret, ran ret head to 4600, ret BP, POH, SD for nite.

BRIDGES STATE #174, 4800 TD.

5/6 Ran 2-3/8 tbq OE to 4730, Baker Model R pkr set @ 4630 from San Andres perms 4681-4704, S 17 BLO + 30 BFW/9 hrs, 300' FIH, no gas, L hr sw 3 bbls, S/O 95% wtr, SD for nite.

5/8 SI 13 hrs, TP zero, S 3 BLO + 44 BFW/11 hrs, 300' FIH, NS of gas, L hr sw 3 bbls, S/O 98% wtr, SD for nite & Sunday.
- 7 BLO.

BRIDGES STATE #174, 4800 TD.

5/9 S 29 BFW + tr of oil/3 hrs, POH w/ tbq & pkr, rerun tbq, OP to 4768, TA would not set, POH, change out anchors, rerun tbq to 4768, SD for nite.

BRIDGES STATE #174, 4800 TD.

5/10 Ran OP MA to 4764, T. Perfs 4730-33, SN 4729, Guib AC @ 4630 w/ 20,000# T, ran rods & pump, Rel X-Pert @ 10:00 a.m. 5/9/72, Rel to Prod.
- 100 BLO.

BRIDGES STATE #174, 4800 TD.

5/11 P 52 BLO + 52 BSW/22 hrs.
- 48 BLO.

BRIDGES STATE #174, 4800 TD.

5/12 P 21 BLO + 54 BSW/24 hrs.
- 27 BLO.

BRIDGES STATE #174, 4800 TD.

5/15 P 27 BLO + 6 BNO + 312 BSW/3 days.
All Load Rec.

BRIDGES STATE #174, 4800 TD.

5/16 P 3 BNO + 94 BSW/24 hrs.

BRIDGES STATE #174, 4800 TD.

5/17 P 10 BNO + 94 BSW/24 hrs.

BRIDGES STATE #174, 4800 TD.

5/18 P 3 BNO + 83 BSW/24 hrs.

BRIDGES STATE #174, 4800 TD.

5/19 P 3 BNO + 83 BSW/24 hrs.

BRIDGES STATE #174, 4800 TD.

5/22/72 P 10 BNO + 164 BSW/2 days.

POTENTIAL NM OCC POT: P 4 BNO + 82 BSW/24 hrs, 10 - 1½ x 54" SPM,
GOR: TSTM, Grav 34.6 @ 60, Allow 4 BOPD (NP), Wtr Flood Allow,
Cap 4, Compl 4/12/72.
FINAL REPORT.