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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 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. 170			
3. Address of Operator Box 633, Midland, Texas 79701				10. Field and Pool, or Wildcat North Vacuum Abo			
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 740 FEET FROM THE West LINE OF SEC. 14 TWP. 17-S RGE. 34-E NMPM				12. County Lea			
15. Date Spudded 2-3-72		16. Date T.D. Reached 2-23-72		17. Date Compl. (Ready to Prod.) 3-2-72		18. Elevations (DF, RKB, RT, GR, etc.) 4037	
20. Total Depth 8800		21. Plug Back T.D. -		22. If Multiple Compl., How Many -		23. Intervals Drilled By Rotary Tools X Cable Tools -	
24. Producing Interval(s), of this completion — Top, Bottom, Name 8579-8634 Vacuum Abo, North						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Schl. GRC; Dresser-Atlas - Gr. SNP-Caliper						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	38#	270	17-1/2	450 sx.	-		
8-5/8	24# & 28#	3060	11"	1700 sx.	-		
5-1/2	15.5# & 17#	8800	7-7/8	2600 sx.	-		
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-3/8	8680	-
					2-7/8		
31. Perforation Record (Interval, size and number) 8579, 80, 91, 92, 93, 8607, 08, 09, 10, 16, 17, 18, 19, 20, 21, 29, 31, 32, 33, 34 1-JSPF, total of 20 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
				8579-8634	Western acidized w/10,000 gals. 15% NE HCl acid + 25 RCN ball sealers		
33. PRODUCTION							
Date First Production 2-29-72		Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod.	
Date of Test 4-3-72	Hours Tested 24	Choke Size 2" Tbg.	Prod'n. For Test Period 91	Oil — Bbl. 96.6	Gas — MCF 35	Water — Bbl. 1062	Gas — Oil Ratio 37.9
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate -	Oil — Bbl. -	Gas — MCF -	Water — Bbl. -	Oil Gravity — API (Corr.) 37.9	
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 1 - Daily Drilling Summary 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

TITLE **Authorized Agent**

DATE **4-5-72**

INSTRUCTIONS

This form is to be filed with the appropriate District Office or 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 110S.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1640	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	2897	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3850	T. Siurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	4614	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	6056	T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		T. G. Wash	T. Morrison	T.
T. Tubb	7416	T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo	8114	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	270		Gravel Sand & Cliche				
270	1625		Red Beds				
1625	2803		Anhy & Salt				
2803	3060		Anhy. & Lime				
3060	4041		Lime				
4041	4425		Anhy & Lime				
4425	8800	T. D.	Lime				

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APR 11 1972

OIL CONSERVATION COMM.

HOBBS, N. M.

DAILY DRILLING REPORT

Bridges State #170

BRIDGES STATE #170, 740' FWL & 660' FNL Sec 14, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo well in North Vacuum Fld. This will be a replacement well for Bridges State #141. AFE 1152 - Mobil Intr 100% - Est Cost \$133,000.

2/2/72 Marcum Drlg Co MIT.

BRIDGES STATE #170

2/3 Marcum Drlg Co 90% RU.

BRIDGES STATE #170

2/4 (1) 270 ND red bed, WOC on 12-3/4 csg in 17 1/2" hole, S. Mud. 1/4 @ 270, Marcum Drlg Co spud in @ 11:30 a.m. 2/3/72, ran 7 jts 270' 12-3/4 OD 38.0# 8rd ST&C csg, Dowell cmtd on bottom @ 270 w/ 450x Class H cmt w/ 1/4# Celloflake + 2% CaCl, PD @ 5:30 p.m. 2/3/72, cmt circ, WOC.

BRIDGES STATE #170

2/5 (2) 1900 drlg salt, 11" hole, 1° @ 1707. Br Wtr.
WOC total 18 hrs on 12-3/4 csg.

2/6 (3) 3035 drlg anhy, 11" hole, 1/2 @ 2513, Br Wtr.
had wtr flow @ 2513, fl 2" stream of wtr.

2/7 (4) 3060 ND anhy, WOC on 8-5/8 csg, circ 1 hr, POH, inst'l BOP on 12-3/4 csg in 4 hrs, ran 71 jts 3060' 8-5/8 OD 28.0# & 24.0# 8rd ST&C csg, cmtd on bottom @ 3060 by Dowell w/ 1500x Tllw containing 7 1/2# salt/x + 200x Class C Neat cmt containing 2.6# salt/x, PD @ 11:00 p.m. 2/6/72, cmt circ, closed BOP, sqzd 200x of cmt into form, WOC, prep to drill 7-7/8 hole.

BRIDGES STATE #170

2/8 (5) 3560 drlg anhy, 7-7/8" hole, 1/2 @ 3060, Fr Wtr.
WOC 18 hrs, test csg 1000#/ok.

BRIDGES STATE #170

2/9 (6) 4230 drlg lm, 7-7/8" hole, 3/4 @ 4120, Fr Wtr.
had wtr flow @ 3865, making 2" stream.

BRIDGES STATE #170

2/10 (7) 4585 drlg lm, 7-7/8" hole, 1/2 @ 4420. Fr Wtr.

BRIDGES STATE #170

2/11 (8) 4942 drlg lm, 7-7/8" hole, 1° @ 4925. Fr Wtr.

BRIDGES STATE #170

2/12 (9) 5380 drlg lm, 7-7/8" hole, NND. Fr Wtr.

2/14 (11) 6396 drlg lm, 7-7/8" hole, 3/4 @ 5927. Fr Wtr.

BRIDGES STATE #170

2/15 (12) 6660 drlg lm, 7-7/8" hole, 1-3/4 @ 6460. Fr Wtr.

BRIDGES STATE #170

2/16 (13) 7064 drlg lm, 7-7/8" hole, 1 1/2 @ 7008. Fr Wtr.

BRIDGES STATE #170
 2/17 (14) 7405 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

BRIDGES STATE #170
 2/18 (15) 7534 drlg 1m, 7-7/8" hole, 1 1/2 @ 7420. Fr Wtr.

BRIDGES STATE #170
 2/19 (16) 7795 drlg 1m 7-7/8" hole, NND. Fr. Wtr.

2/21 (17) 8325 drlg 1m 7-7/8" hole, 1-3/4^O 7930. Fr. Wtr.

2/22 (18) 8547 drlg 1m 7-7/8" hole, 1 1/2^O 8400. Fr. Wtr.

BRIDGES STATE #170
 2/23 (19) 8735 drlg 1m, 7-7/8" hole, NND. 9#-35-20.

BRIDGES STATE #170
 2/24 (20) 8800 TD 1m, 7-7/8" hole, 1^O @ 8800, 9.2-40-15.
 cond hole 2 hrs, pull bit, Dresser-Atlas ran GR-SNP-Caliber
 logs 3050-8800.

BRIDGES STATE #170, 8800 TD.
 2/25 WOC on 5 1/2 csg, ran 261 jts 5 1/2 OD 15.5 & 17# N-80 & J-55 LT&C
 csg, Dowell cmt w/ 2400x TLW followed w/ 200x Class C cmt,
 cmt circ, close rams, press up to 3000, form took no cmt, open
 rams, press up to 4200, fail to circ, left 27 bbls cmt in csg,
 job compl 2:00 p.m. 2/24/72, Rel drlg rig @ 5:00 p.m. 2/24/72.

BRIDGES STATE #170, 8800 TD.
 2/26 Move drlg rig out, MIRU X-Pert DDU, NU wellhead, inst'l BOP,
 pickup 4-3/4 bit, 5 1/2 csg scraper and 6 - 3 1/2 DC's, SD for nite.

2/27 Drill cmt 7329-7487, SD for nite.

2/28 Drill cmt 7487-8275/23 hrs.

BRIDGES STATE #170, 8800 TD.
 2/29 Finish drlg cmt to 8700, test csg & BOP to 1500/15 min/ok,
 displ wtr to lsc oil, spot 500 gals 15% NE HCl acid 8700-
 8200, pull bit, Schl ran GRC logs 8000-8700, then perf Abo
 w/ 1 JSPF @ 8579; 80; 91; 92; 93; 8607; 08; 09; 10; 16; 17;
 18; 19; 20; 21; 29; 31; 32; 33; & 34, total 20 holes, ran
 Baker pkr on 2-3/8 tbq, Western Co pump acid away 2800-3900,
 AIR 1.9 BPM, ISIP 2700, 30 min vac, reset pkr @ 8492, SD for
 nite.

BRIDGES STATE #170, 8800 TD.
 3/1 S 40 BLO + 7 BNO/3 hrs, Western Co acidize perfs 8579-8634 w/
 10,000 gals 15% NE HCl acid + 25 balls, treating psi 6000-6500,
 AIR 6.4 BPM, ISIP 4450, 10 min 3600, compl ball out, bled balls
 off perf, cont acidizing, S 36 BLW + 14 BNO + 126 BAW/16 hrs,
 2300' FIH. - 116 BAW.

BRIDGES STATE #170, 8800 TD.
 3/2 S 15 BNO + 22 BAW/4 hrs, P & LD 2-7/8 tbq, ran 207 jts 2-3/8
 tbq w/ MA @ 8692, perf 8662-8659, SN @ 8658, Baker AC @ 8500,
 63 jts 1983' 2 1/2 tbq on top, SD for nite.

- BRIDGES STATE #170, 8800 TD.
3/3 Ran rods and pump, Rel unit & to Prod @ 5:30 p.m. 3/2/72.
- 153 BLO + 94 RAW.
- BRIDGES STATE #170, 8800 TD.
3/5 Connected well, P 153 BLO + 4 BNO + 8 BLW/18 hrs. - 86 BJW.
- 3/6 P 36 BNO + 2 BLW/24 hrs, pump stuck, prep to pull. - 84 BLW.
- BRIDGES STATE #170, 8800 TD.
3/7 Pulled & changed pump (cmt in pump).
P 82 BNO + 40 BLW/16 hrs. - 44 BLW.
- BRIDGES STATE #170, 8800 TD.
2/8 P 88 BNO + 6 BLW/24 hrs (Pump sticking). - 38 BLW.
- BRIDGES STATE #170, 8800 TD
3/9 P 0 BNO + 0 BLW/ 24 hrs, pump stuck, prep to pull rods & tbq.
-38 BLW.
- BRIDGES STATE #170, 8800 TD.
3/10 Pulled rods & pump, pulled 2½ & 2" tbq, Tbq perfs plugged w/
cmt or scale. - 38 BLW.
- BRIDGES STATE #170, 8800 TD
3/13 Ran 2 & 2½" tbq, pump & rods, P 182 BNO + 30 BLW/ 36 hrs,
pump stuck, Pull & changed pump, P 59 BNO + 2 BLW + 19 BSW/
11 hrs. (Pump sticking).
- BRIDGES STATE #170, 8800 TD
3/14 Pull rods & pump, ran SV, P 7 BNO + 3 BSW/ 4 hrs.
- BRIDGES STATE #170, 8800 TD
3/15 Pull 2½" tbq, replace w/ 2" tbq, reran (63 jts), sw 30 BNO +
30 BSW/ 15 hrs, L hr 4 bbls fluid, 95% wtr, 1200' FIH, rec
approx 20 gals, solid (cmt.)
- BRIDGES STATE #170, 8800 TD
3/16 Sw 104 BNO + 26 BSW/ 24 hrs, still rec solids (cmt), 2000' FIH.
- BRIDGES STATE #170, 8800 TD
3/17 Sw 76 BNO + 11 BSW/ 24 hrs, fluid fairly clean, 500' FIH,
pull 2" tbq, tbq perfs, MA, full scale, cal sulp, CO scale
w/ sd pump, 8626-8713.
- BRIDGES STATE #170, 8800 TD
3/18 Ran 2" & 2½ tbq to 8710, SN @ 8675, Guib AC @ 8522 w/ 20,000#
ran rods & pump, POP.
- 3/19 Did not pump, pump stuck.
- 3/20 Pump stuck.
- BRIDGES STATE #170, 8800 TD
3/21 MIRU Permian Well Ser Unit, SD for nite.

BRIDGES STATE #170, 8800 TD

3/22 POH w/ rods & pump, instl BOP, tag bottom w/ tbq, POH, ran Baker Model R pkr on 2-3/8" tbq set @ 8537, Howco treated Abo perfs 8594-8634 w/ 1000 gals LSD-500 flushed w/ 27 BFW w/ 1/2% Marflo, TTP 1200-2700#, AIR 2.0 BPM, tbq parted w/ 21 bbls flush in screwed tbq back in, picked up tbq parted, job compl @ 5:30 p.m. 3-21-72, SD for nite. -51 BLW, prep to fish out tbq.

BRIDGES STATE #170, 8800 TD

3/23 POH, left 57 jts 2-3/8" tbq & Baker Model R pkr in hole, ran 4-11/16" overshot w/ 3-1/16" grapples to 6770, caught fish, POH, rec fish, tbq, couplin split, rerun tbq & pkr to 8537, sw 34 BLW in 2 hrs, 300' FIH, fr sh of gas, Howco treated Abo perfs 8579-8634 w/ 1500 gals Gypsol flushed w/ 33 BFW containing 1/2% per volume marflo, TTP 1200-2600#, AIR 1.75 BPM, ISIP 2100#, 5 min 500#, job compl @ 5:30 p.m. 3-22-72, SI & SD. -85 BLW.

BRIDGES STATE #170, 8800 TD

3/24 Sw 75 BLW in 6 hrs, L hr sw 7 bbls, 500' FIH, Howco acidized Abo perfs w/ 2000 gals 15% NE acid, flushed w/ 33 bbls fr wtr containing 1/2% per volume Marflo, TTP 800-2200, AIR 2.0 BPM, ISIP 1800#, 5 min 500#, job compl @ 2:00 p.m. 3-23-72, sw 61 BW in 4 hrs, L hr sw 7 bbls, hole full scattered fluid, gd sh of gas, SD for nite. -30 BLW.

BRIDGES STATE #170, 8800 TD.

3/25 S 30 BLW/4 hrs, 700' FIH, gd sh of gas, Howco treated Abo perfs w/ 4000 gals fr wtr mixed w/ 100 gals protex-all flush w/ 33 bbls and overflushed w/ 60 bbls fr wtr containing 1/2% Marflo, TTP 400-2700, AIR 2.0 BPM, ISIP 2400, 5 min 1400, job compl @ 1:00 p.m. 3/24/72, POH, LD 62 jts 2-3/8 tbq, rerun 2-3/8 tbq, OP to 8680, T. Perfs 8647-50, SN @ 8646, 1 jt tbq, Baker TA catcher set @ 8613 w/ 20,000# T 209 jts 2-3/8 & 62 jts 2-7/8 tbq, inst'l wellhead, SD for nite. - 200 BLW.

3/26 POH w/ tbq, rerun 2-3/8 tbq, OP to 8680, T. Perfs 8647-50, SN @ 8646, 5 jts 2-3/8 tbq, Baker TA catcher @ 8490, set w/ 20,000# tension, 207 jts 2-3/8 tbq, 63 jts 1973' 2-7/8 tbq, ran pump & rods to SN @ 8646, hung on pump, RD, Rel unit & Rel well to Prod @ 3:30 p.m. 3/25/72. - 200 BLW.

3/26 Ran pump and rods. - 200 BLW.

3/27 P 12 BNO + 134 BLW/14 hrs. - 66 BLW.

BRIDGES STATE #170, 8800 TD.

3/28 P 66 BNO + 66 BLW + 54 BFW/24 hrs, 1200' FIH. All LW Rec.

BRIDGES STATE #170, 8800 TD.

3/29 P 100 BNO + 106 BSW/24 hrs.

BRIDGES STATE #170, 8800 TD.

3/30 P 148 BNO + 92 BSW/24 hrs.

BRIDGES STATE #170, 8800 TD.

3/31 P 114 BNO + 72 BSW/24 hrs.
4/1 P 111 BNO + 57 BSW/24 hrs.
4/2 P 100 BNO + 42 BSW/24 hrs.
4/3 P 92 BNO + 36 BSW/24 hrs.

BRIDGES STATE #170, 8800 TD

4/4/72 NMOCC Pot: P 91 BNO + 30 BSW/ 24 hrs, 10 x 1½ x 100" SPM, GOR 1062/1,
POTENTIAL gr 37.9 @ 60, allow 91 NP, top 382, cap 91, compl 3-24-72.
FINAL REPORT.