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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 633, Midland, Texas 79701									
4. Location of Well									
UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM									
THE East LINE OF SEC. 12 TWP. 17-S RGE. 34-E NMPM									
12. County Lea									
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead	
4-14-71		5-4-71		5-10-71		4015 GR			
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools	
8,750		-		-		X		X	
24. Producing Interval(s), of this completion - Top, Bottom, None								25. Was Directional Survey Made	
8,561-8,621 Vacuum Abo, North								Yes	
26. Type Electric and Other Logs Run								27. Was Well Cored	
Schl. GR-Collar Corr Log - SNP GR LL								No	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD	
8-5/8		23.4		1,775		12-1/4		900 sx	
5-1/2		15.5 & 17#		8,750		7-7/8		3,800 sx	
29. LINER RECORD									
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN	
30. TUBING RECORD									
SIZE		DEPTH SET		PACKER SET					
2-3/8		8,706		-					
31. Perforation Record (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
8,561,62,69,72,73,74,79,80,81,82, 8,603,04, 10,11,12,13,20 & 8,621					Runco acidized w/10,000 gals 15% NE acid containing 5#/1000 gals friction Red. + 18 RCNB sealers				
1-JSPF Total of 18 holes									
33. PRODUCTION									
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)	
5-10-71		Pumping - 2" 1-1/4 X 14'						Producing	
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.	
5-16-71		24		2" T		269		154.9	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF	
-		-		-		-		-	
								Water - Bbl.	
								0	
								Gas - Oil Ratio	
								576	
								Oil Gravity - API (Corr.)	
								36.1	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)								Test Witnessed By	
Sold to Phillips Petroleum Company								H. R. Ellledge	
35. List of Attachments									
(1) Daily 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 [Signature]				TITLE Authorized Agent				DATE 5-18-71	

DAILY DRILLING REPORT

Bridges State #159

BRIDGES STATE #159, 660' FSL & 660' FEL Sec 12, T-17-S, R-34-E,
Lea Co, NM. OBJECTIVE: Drill and complete single Abo well.
AFE 1107 - Mobil Intr 100% - Est Cost \$117,000.

4/13/71 Marcum Drlg Co MIT, 75% RU.

BRIDGES STATE #159

4/14 (1) 1775 ND anhy, 12 $\frac{1}{4}$ " hole, $\frac{1}{2}$ @ 1250. S. Mud.
POH to run 8-5/8 surf csg, Marcum Drlg Co spud in @ 1:30 p.m.
4/13/71.

BRIDGES STATE #159

4/15 (2) 1775 ND, WOC, 8-5/8" csg, ran 44 jts 1775' 8-5/8 OD
23.0# L.D. Foster csg, cemented on bottom @ 1775 by Dowell
w/ 700x Class H 8% gel + 200x Class H Neat cement, all
cement contained 2% CaCl, PD @ 2:25 p.m. 4/14/71, cement
circ, WOC, prep to drill 7-7/8" hole.

BRIDGES STATE #159

4/16 (3) 3380 drlg anhy, 7-7/8" hole, $\frac{1}{2}$ @ 2800. Br Wtr.
WOC total 18 hrs, test csg & BOP 1000#/ok.

BRIDGES STATE #159

4/17 (4) 3920 drlg 1m, 7-7/8" hole, $\frac{1}{2}$ @ 3441. Br Wtr.

4/19 (6) 4721 drlg 1m, 7-7/8" hole, 1^o @ 4257. Br Wtr.

BRIDGES STATE #159

4/20 (7) 4986 drlg 1m, 7-7/8" hole, 3/4 @ 4850. Br Wtr.

BRIDGES STATE #159

4/21 (8) 5350 drlg 1m, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #159

4/22 (9) 5760 drlg 1m & ch, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #159

4/23 (10) 6175 drlg 1m, 7-7/8" hole, 1 $\frac{1}{2}$ @ 6050. Br Wtr.

BRIDGES STATE #159

4/24 (11) 6560 drlg 1m, 7-7/8" hole, NND. Br Wtr.

4/26 (13) 7025 drlg 1m, 7-7/8" hole, 3/4 @ 6715. Br Wtr.

BRIDGES STATE #159

4/27 (14) 7295 drlg 1m, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #159

4/28 (15) 7542 drlg 1m, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #159

4/29 (16) 7735 drlg 1m, 7-7/8" hole, 3/4 @ 7566. Br Wtr.

BRIDGES STATE #159

4/30 (17) 7983 drlg 1m 7-7/8" hole, NND.

Br. Wtr.

BRIDGES STATE #159

5/1 (18) 8185 drlg lm, 7-7/8" hole, ½ @ 8020. Br Wtr.

5/3 (20) 8635 drlg lm, 7-7/8" hole, NND. 10.0-37-28.
Mudded up @ 8500.

BRIDGES STATE #159

5/4 (21) 8674 ND lm, 7-7/8" hole, NND. 10.0-37-25.
Fishing past 16½ hrs, fish & rec 26 jts DP & 19 DC, left
bit in hole, run 7½ flat bottom mill, milled on junk/7½
hrs, now COH to run magnetic bskt.

BRIDGES STATE #159

5/5 (22) 8750 TD lm, 7-7/8" hole. 10.0-37-17.4.
½ @ 8750, finish POH w/ FB mill, had not drld any junk,
ran bit, finish hole, circ 2 hrs, POH, Schl running logs
past 4-3/4 hrs.

BRIDGES STATE #159

5/6 8750 TD lm, Schl finished running logs 7½ add'l hrs,
SNP 8674-1770, GR 8674-surf, LL 8618-1770, ran bit to
8750, circ 3 hrs, LD DP, running 5½ csg past 4 hrs.

BRIDGES STATE #159

5/7 8750 TD lm, finish running 5½ csg/1 hr, total of 232 jts
of 5½ 17# & 15.5# N80 & J55 LT&C & ST&C used csg 2048' of
17# on bottom, cemented @ 8750 by Dowell w/ 3600x Trinity
Lite-Wate ¼# Flocele/x, 1st 1000x + 200x Class C Neat, PD
10:15 a.m. CDT 5/6/71, cement did not circ, Rel Marcum
rig 1:15 p.m. 5/6/71, WOC 8 hrs, Worth Well ran Temp Surv,
top cement 2515, MORT.

BRIDGES STATE #159, 8750 TD

5/8 Prep to MI PU to complete.

5/10 MIRU DA&S DD Unit, instl BOP, ran 4-3/4" bit & 5½"
csg scraper on 2-3/8" tbg to 8710, test csg to 1500# ok,
displ wtr w/ lease oil, spot 500 gals 15% NE acid on
bottom, POH, Schl ran GR-Collar corr log from 8300-8703,
then perf 5½" csg in the Abo @ 8561, 62, 69, 72, 73, 74,
79, 80, 81, 82, 8603, 04, 10, 11, 12, 13, 20 & 8621 w/
1 JSPF total of 18 holes, ran Baker Model R pkr on 2-3/8"
tbg to 8000, Runco Acidizing Co displ acid into form,
BDTP 3400#, TTP 3400-3850#, AIR 2 BPM, ISIP 3600#, 5 min
3000#, job compl 3:00 p.m. 5-9-71, reset pkr @ 8571, sw
26 BLO 1½ hrs, 4200' FIH, sl sh of gas, SD for nite.
-11 BLO + 12 BAW.

BRIDGES STATE #159, 8750 TD

5/11 SI 13 hrs, 7600' FIH, ran sw 2 runs, F 11 BLO + 10
BNO + 2 BAW/ 1½ hrs on open ck, TP 20-50#, Runco
acidized perfs 8561-8621 w/ 10,000 gals 15% NE acid,
containing 5#/1000 gals friction reducer using 18
RCNB sealers, TTP 4400-5000#, AIR 5.3 BPM, ISIP 4100#,
10 min 3600#, job compl @ 10:30 a.m. 5-10-71, S & F
50 BLO + 150 BNO + 65 BAW/ 18 hrs, L hr F 10 bbls on
open ck, TP 140#, S/O 95% oil, prep to put on pump.
-185 BAW.

BRIDGES STATE #159, 8750 TD

5/12

F 24 BNO/ 2 hrs on open ck, TP 125-150#, rel pkr, POH
w/ tbg & pkr, rerun 2-3/8" EUE 8rd tbg orange peeled to
8706, T perfs 8673-76, SN @ 8672, Guib tbg anchor catcher
@ 8516, set w/ 14,000# tension, total 274 jts of tbg, re-
move BOP, instl wellhead, ran pump on 88 rods, SD for
nite. -170 BLO + 185 BAW.

BRIDGES STATE #159, 8750 TD

5/13

Finish running pump & rods to SN @ 8672, spaced, hung
on pump, rig down, rel unit & rel to prod @ 2:00 p.m.
5-12-71. -170 BLO + 185 BAW.

BRIDGES STATE #159, 8750 TD

5/14

P 170 BLO + 19 BNO + 16 BAW/ 16 hrs. -169 BAW.

BRIDGES STATE #159, 8750 TD

5/17/71

P 470 BNO + 0 BAW/ 48 hrs. -169 BAW.

POTENTIAL

NMOCC POT. TEST: P 269 BNO + 0 BAW/ 24 hrs, 14, x 1 1/4 x 86
SPM, GOR: 576/1, grav 36.1 @ 60, allow 269 BOPD non pror,
top 382, cap 269, compl date 5-10-71.

FINAL REPORT.