

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

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.
D-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. 140																																	
3. Address of Operator Box 633 Midland, Texas 79701						10. Field and Pool, or Wildcat Vacuum Abo North																																	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>460</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM						12. County Lea																																	
THE <u>Last</u> LINE OF SEC. <u>11</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM																																							
15. Date Spudded 8-8-70		16. Date T.D. Reached 8-28-70		17. Date Compl. (Ready to Prod.) 9-8-70		18. Elevations (DF, RKB, RT, GR, etc.) 1033																																	
19. Elev. Casinghead ---		20. Total Depth 8700		21. Plug Back T.D. 8649		22. If Multiple Compl., How Many																																	
23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐		24. Producing Interval(s), of this completion — Top, Bottom, Name 8518-8520 Vacuum Abo, North		25. Was Directional Survey Made Yes		27. Was Well Cored No																																	
26. Type Electric and Other Logs Run Dresser-GR-Collar-Corr		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD																																	
<table border="1"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>8-5/8</td> <td>23#</td> <td>1715</td> <td>12-1/4</td> <td>1000 SX.</td> <td>-</td> </tr> <tr> <td>5-1/2</td> <td>15.5# & 17#</td> <td>8700</td> <td>7-7/8</td> <td>3100</td> <td>-</td> </tr> </tbody> </table>		CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8-5/8	23#	1715	12-1/4	1000 SX.	-	5-1/2	15.5# & 17#	8700	7-7/8	3100	-	<table border="1"> <thead> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						<table border="1"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> </thead> <tbody> <tr> <td>2-3/8</td> <td>8646</td> <td>-</td> </tr> </tbody> </table>		SIZE	DEPTH SET	PACKER SET	2-3/8	8646	-
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																																		
8-5/8	23#	1715	12-1/4	1000 SX.	-																																		
5-1/2	15.5# & 17#	8700	7-7/8	3100	-																																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																																			
SIZE	DEPTH SET	PACKER SET																																					
2-3/8	8646	-																																					
31. Perforation Record (Interval, size and number) 3518, 24, 26, 28, 35, 37, 39, 47, 57, 62, 66, 68, 70, 72, 74, 76, 78 & 8520 w/1-JSPF Total of 19 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>8518-8520</td> <td>Acidized w/10,000 gal. 15% NE acid + 5#/1000 gal. Fr + 16 3CM Ball Sealers</td> </tr> </tbody> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	8518-8520	Acidized w/10,000 gal. 15% NE acid + 5#/1000 gal. Fr + 16 3CM Ball Sealers																												
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																																						
8518-8520	Acidized w/10,000 gal. 15% NE acid + 5#/1000 gal. Fr + 16 3CM Ball Sealers																																						
33. PRODUCTION <table border="1"> <tr> <td>Date First Production 8-8-70</td> <td>Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping 2" x 1-1/2" x 20'</td> <td>Well Status (Prod. or Shut-in) Producing</td> </tr> <tr> <td>Date of Test 8-8-70</td> <td>Hours Tested 24</td> <td>Choke Size 2" T</td> </tr> <tr> <td>Flow Tubing Press.</td> <td>Casing Pressure</td> <td>Calculated 24-Hour Rate</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>								Date First Production 8-8-70	Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping 2" x 1-1/2" x 20'	Well Status (Prod. or Shut-in) Producing	Date of Test 8-8-70	Hours Tested 24	Choke Size 2" T	Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate																							
Date First Production 8-8-70	Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping 2" x 1-1/2" x 20'	Well Status (Prod. or Shut-in) Producing																																					
Date of Test 8-8-70	Hours Tested 24	Choke Size 2" T																																					
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate																																					
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 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 [Signature]		TITLE Authorized Agent				DATE 9-15-70																																	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 10 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 in 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 31 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 117.

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 <u>2879</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3862</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4611</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5042</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8070</u>	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	230		Caliche, gravel & sand				
230	1100		Redbed				
1100	1542		Salt & Anhy.				
1542	2948		Anhy. & salt				
2948	3366		Anhy.				
3366	3755		Anhy. & sand				
3755	3943		Anhy.				
3943	4111		Lime				
4111	4376		Anhy. & Lime				
4376	5006		Lime				
5006	5126		Lime & sand				
5126	5049		Lime				
5049	5055		Lime & shale				
5055	7295		Lime				
7295	7577		Lime & Shale				
7577	8532		Lime				
8532	8532		Lime & Shale				
8532	8700	T.D.	Lime				

RECEIVED

SEP 18 1970
OIL CONSERVATION COM.
HO 233, R 1

DAILY DRILLING REPORT

Bridges State #140

BRIDGES STATE #140, 660' FSL & 860' FEL Sec 11, T-17-S, R-34-E,
Lea Co, N.M. OBJECTIVE: Drill and complete single Abo producer.
AFE 0143 - Mobil Intr 100% - Est Cost \$112,000.

8/5/70 Marcum Drlg Co MIT, 90% RU.

BRIDGES STATE #140

8/6 (1) 1640 drlg anhy, 12 $\frac{1}{2}$ " hole, 1 $^{\circ}$ @ 1402. Native Mud.
Marcum Drlg Co spud in 11:00 a.m. 8/5/70.

BRIDGES STATE #140

8/7 (2) 1715 ND, WOC 8-5/8 csg, ran 1715' of 8-5/8 23.0# 8rd
ST&C csg, cemented on bottom @ 1715 by Howco w/ 800x Class H
8% gel cement and 200x Class H Neat, all cement contained
2% CaCl, PD 6:15 p.m. 8/6/70, cement circ, WOC.

BRIDGES STATE #140

8/8 (3) 3220 drlg anhy & sd, 7-7/8" hole, 1 $\frac{1}{2}$ @ 2900. Br Wtr.
WOC total 18 hrs, test 8-5/8 csg & BOP's 1000#/30 min/ok.

8/10 (5) 4275 drlg anhy & lm, 7-7/8" hole, $\frac{1}{4}$ @ 3700. Br Wtr.

BRIDGES STATE #140

8/11 (6) 4593 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 4376. Br Wtr.

BRIDGES STATE #140

8/12 (7) 4815 drlg lm, 7-7/8" hole, 3/4 @ 4616. Br Wtr.

BRIDGES STATE #140

8/13 (8) 5005 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 4974. Br Wtr.

BRIDGES STATE #140

8/14 (9) 5330 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #140

8/15 (10) 5618 drlg lm 7-7/8" hole $\frac{1}{2}^{\circ}$ 5537. Br Wtr.

8/17 (12) 6300 drlg lm 7-7/8" hole $\frac{1}{2}^{\circ}$ 6049 Br Wtr.

8/18 BRIDGES STATE #140

(13) 6576 drlg. lm 7-7/8" hole $\frac{1}{2}^{\circ}$ 6576 Br. Wtr.

BRIDGES STATE #140

8/19 (14) 6859 drlg lm 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #140

8/20 (15) 7002 ND lm, 7-7/8" hole, $\frac{1}{2}$ @ 7002. Br Wtr.
Twisted off while reaming to bottom, past 4 hrs fishing
for 19 - 6" DC's and bit, now coming out of hole w/ fish.

BRIDGES STATE #140

8/21 (16) 7205 drlg lm, 7-7/8" hole, NND. Br Wtr.
2 $\frac{1}{2}$ add'l hrs fishing.

BRIDGES STATE #140
8/22 (17) 7397 drlg 1m & sh, 7-7/8" hole, NND. Br Wtr.

8/24 (19) 7812 drlg 1m, 7-7/8" hole, ¼ @ 7611. Br Wtr.

BRIDGES STATE #140
8/25 (20) 8085 drlg 1m, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #140
8/26 (21) 8207 ND 1m, 7-7/8" hole, NND. Br Wtr.
Fished and rec 2 jts 4½ DP + 34 DC's past 10-3/4 hrs,
now fishing for 3 rock bit cones.

BRIDGES STATE #140
8/27 (22) 8347 drlg 1m, 7-7/8" hole, NND. Br Wtr.
Rec cones in add'l 10 hrs.

BRIDGES STATE #140
8/28 (23) 8630 drlg 1m, 7-7/8" hole, NND. 10.1-34-20.
Mud up @ 8500.

BRIDGES STATE #140
8/29 (24) 8700 TD 1m, WOC on 8700' 5½ csg, finish hole, circ.
1½ hrs, P & LD DP & DC's, ran 2084' 17.0# LT&C J-55 5½
csg + 6616' of 15.50# ST&C J-55 csg, cemented on bottom
@ 8700 by BJ Serv w/ 2900x TLLW w/ 1st 1000x containing ¼#
Flocele + 200x Class C Neat, PD @ 6:30 a.m. 8/29/70, cement
did not circ, WOC.

8/30 8700 TD.
Set slips, cut off 5½ csg, Rel Marcum Drlg Co rig @ 10:00 a.m.
8/29/70, MOT, Worth Well ran Temp Surney top of cement @ 2265.

8/31 Prep to MI unit to compl.

BRIDGES STATE #140, 8700 TD.
9/1 MIRU DA&S Well Serv DD unit, inst'l BOP, ran 4-3/4 bit, 5½
csg scraper on 2 - 3½ DC's and 2-3/8 tbg to 8674, SD for nite.

BRIDGES STATE #140, 8700 TD.
9/2 Test csg w/ 1500#/ok, displ wtr w/ lse oil, Runco Acidizing
Co spotted 500 gals 15% NE acid on bottom, POH w/ tbg & bit,
Dresser-Atlas ran GR-Collar-Corr log from 2800-8649 PB, then
perf 5½ csg in the Abo @ 8518; 24; 26; 28; 35; 37; 39; 47; 57;
62; 64; 66; 68; 70; 72; 74; 76; 78; & 8580 w/ 1 JSPF, total
of 19 holes, SD for nite.

BRIDGES STATE #140, 8700 TD.
9/3 Ran Baker pkr on 2-3/8 tbg to 8067, Runco displ 12 bbls
acid in form, TTP 3800, AIR .8 BPM, ISIP 3600, 5 min 1700,
rel press, reset pkr @ 8469, S 36 BLO + 24 BNO + 6 BAW/5½
hrs, L hr S 2 bbls, S/O 5% AW, 400' FIH, fr sh of gas, SD
for nite.

BRIDGES STATE #140, 8700 TD, 8649 PBTD, Abo(8518-8580) OA.
9/4 Runco acidized Abo perfs w/ 10,000 gals 15% NE acid + 5#/
1000 gals FR + 16 RCNB sealers, TTP 3700-4850, AIR 5.1,
ISDTP 3500, 10 min SITP 2950, job compl 9:30 a.m. CDT
9/3/70, then S & F 36 BLO + 80 BAW/8½ hrs, L hr fl 15 BF,
S/O 85% wtr, TP 50. - 166 BAW.

BRIDGES STATE #140, 8700 TD, 8649 PBTD, Abo (8518-8580) OA.

9/5 13 hr SITP 350, then F 142 BNO + 50 BAW/11 hrs, 48/64 ck,
TP 80, L hr F 13 BF, S/O 5% AW. - 116 BAW.

9/7 Runco killed well w/ 40 BO, pulled tbg & pkr, LD 63 jts
2-3/8 tbg, ran 213 jts 2-3/8 tbg, bull plugged to 8646
2½ J-55 tbg to 1928 2-3/8 Tbg Perfs 8612-15, 1-25/32 ID
SN 8611, Baker anchor catcher @ 8454, set w/ 11,000# T,
remove BOP, inst'l wellhead, SD for nite, then ran rods &
pump, Rel DA&S unit @ 3:30 p.m. 9/6/70, Rel to Prod Foreman.
- 200 BLO + 116 BAW.

9/8 P 200 BLO + 178 BNO + 45 BAW/41 hrs. - 71 BAW.
Prep to take OCC Pot test.

BRIDGES STATE #140, 8700 TD, 8649 PBTD.

9/9/70 NMOCC POT TEST: P 217 BNO + 14 BAW/24 hrs, 10 - 100" x 1¼ SPM,
POTENTIAL GOR 425/1, Grav 37.8 @ 60, Allow 217 BOPD nonprorated, Top 334,
Cap 217. Compl 9/3/70. - 57 BAW.
FINAL REPORT.