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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.	<u>B-1520</u>

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
2. Name of Operator	<u>Mobil Oil Corporation</u>	9. Well No.
3. Address of Operator	<u>Box 633, Midland, Texas 79701</u>	10. Field and Pool, or Wildcat
4. Location of Well	<u>UNIT LETTER P LOCATED 660 FEET FROM THE East LINE AND 460 FEET FROM</u>	12. County

THE <u>South</u> LINE OF SEC. <u>15</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM	15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
	<u>9-24-70</u>	<u>10-16-70</u>	<u>10-22-70</u>	<u>4646.1 Gr.</u>	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
<u>8200</u>				<u>X</u>	
24. Producing Interval(s), of this completion - Top, Bottom, Name					25. Was Directional Survey Made
<u>8654-8694 Vacuum 950, North</u>					<u>Yes</u>
26. Type Electric and Other Logs Run					27. Was Well Cored
<u>Western Co-Co-cellar-Cellar Log</u>					<u>NO</u>

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 3/4"</u>	<u>23#</u>	<u>1720</u>	<u>12 1/4"</u>	<u>1000X</u>	<u>—</u>
<u>5 1/2"</u>	<u>15.50# 17#</u>	<u>2200</u>	<u>7 7/8"</u>	<u>3100X</u>	<u>—</u>

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2 3/8" OD</u>	<u>27.51</u>	<u>—</u>

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
<u>8654, 65, 68, 69, 70, 71, 72, 73, 93 and 8694 w/ 1-1/2" SPF Total of 10 Holes</u>	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td><u>8654-8694</u></td> <td><u>Cardinal Chemical Co acidized w/ 10.000 gals 15% NEACID + 10 PPM Ball Sealers</u></td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<u>8654-8694</u>	<u>Cardinal Chemical Co acidized w/ 10.000 gals 15% NEACID + 10 PPM Ball Sealers</u>
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<u>8654-8694</u>	<u>Cardinal Chemical Co acidized w/ 10.000 gals 15% NEACID + 10 PPM Ball Sealers</u>				

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
<u>10-22-70</u>		<u>Pumping 10-100" x 1 1/4" SPM</u>				<u>Producing</u>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>10-28-70</u>	<u>24</u>	<u>2" Tub</u>	<u>197</u>	<u>197</u>	<u>100.4</u>	<u>1-AW</u>	<u>510</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
<u>—</u>	<u>—</u>	<u>197</u>	<u>197</u>	<u>100.4</u>	<u>1-AW</u>	<u>38.0</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
<u>Sold - Phillips Petroleum Company</u>	<u>H.R. Elledge</u>

35. List of Attachments
<u>Summary of Operation</u>

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	DATE
<u>J. McDaniel</u>	<u>Authorized Agent</u>	<u>10-30-70</u>

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.

Northwestern New Mexico

0119

T. Anyh	1042	T. Canyon	T. Ojo Alamo	T. Penn. ('B')
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. ('C')
T. Salt	2903	T. Atoka	T. Pictured Cliffs	T. Penn. ('D')
T. Yates		T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3896	T. Devonian	T. Menefee	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4620	T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	6672	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	
T. Blinebry	7477	T. Gr. Wash	T. Morrison	
T. Tubb		T. Granite	T. Todillo	
T. Drinkard		T. Delaware Sand	T. Entrada	
T. Abo	8152	T. Bone Springs	T. Wingate	
T. Wolfcamp			T. Chinle	
T. Penn.			T. Permian	
T. Cisco (Bough C)			T. Penn. ('A')	

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APR 1970
OIL CONSERV. ...
HODGES, R. ...

Red Red
Army
to/m.e.

From	To	Thickness in Feet	Formation
0	230	230	Gravel & chert
230	1720	1720	Red bed
1720	4167	4167	Argill.
4167	9279	9279	Lime

RECEIVED

MAY 4 1970

OIL CONSERVATION DIVISION

DAILY DRILLING REPORT

Bridges State #144

BRIDGES STATE #144, 860' FSL & 660' FEL Sec 15, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo producer. AFE 0147 - Mobil Intr 100% - Est Cost \$112,000. 9/23/70 MIRT.

BRIDGES STATE #144

9/24 Marcum RUT, prep to spud.

BRIDGES STATE #144

9/25 (1) 1720 ND anhy, 12 $\frac{1}{4}$ " hole, 3/4 @ 1500. Native Mud. Marcum Drlg Co spud in @ 8:00 a.m. 9/24/70, prep to run 8-5/8 csg.

BRIDGES STATE #144

9/26 (2) 1720 ND, WOC 8-5/8" csg, ran 1720' 8-5/8 23.0# L. B. Foster 8rd csg, cemented on bottom @ 1720 by Howco w/ 800x Class A 8% gel cement + 200x Class A Neat, all cement contained 2% CaCl, PD 3:20 p.m. 9/25/70, cement circ, WOC.

9/28 (4) 3675 drlg anhy, 7-7/8" hole, 3/4 @ 3270. Br Wtr. WOC total 18 hrs, test 8-5/8 csg & BOP's 1000#/30 min/ok.

BRIDGES STATE #144

9/29 (5) 4105 drlg dolo & lm, 7-7/8" hole, 1 $^{\circ}$ @ 3840. Br Wtr.

BRIDGES STATE #144

9/30 (6) 4450 drlg lm, 7-7/8" hole, 3/4 @ 4400. Br Wtr.

BRIDGES STATE #144

10/1 (7) 4735 drlg lm, 7-7/8" hole, 3/4 @ 4465. Br Wtr.

BRIDGES STATE #144

10/2 (8) 5011 drlg lm, 7-7/8" hole, 1 $\frac{1}{4}$ @ 4942. Br Wtr & Oil.

BRIDGES STATE #144

10/3 (9) 5546 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil.

10/5 (11) 6243 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 6070. Br Wtr & Oil. Fish & rec 1 $\frac{1}{2}$ jts 4 $\frac{1}{2}$ DP, 29 DC's and bit/8 hrs.

BRIDGES STATE #144

10/6 (12) 6580 drlg lm, 7-7/8" hole, 3/4 @ 6400. Br Wtr & Oil.

BRIDGES STATE #144

10/7 (13) 6852 drlg lm, 7-7/8" hole, 3/4 @ 6810. Br Wtr & Oil.

BRIDGES STATE #144

10/8 (14) 7135 drlg lm, 7-7/8" hole, 1 $\frac{1}{4}$ @ 7080. Br Wtr & Oil.

BRIDGES STATE #144

10/9 (15) 7308 drlg lm, 7-7/8" hole, 1 $^{\circ}$ @ 7280. Br Wtr & Oil.

BRIDGES STATE #144

10/10 (16) 7500 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil. 8 $\frac{1}{2}$ hrs fish & rec 7-7/8" bit, 29 DC's and 1 $\frac{1}{2}$ ' of 4 $\frac{1}{2}$ DP @ 7360.

* 10/12 (18) 8072 drlg lm, 7-7/8" hole, NND. Br Wtr & Oil.

- BRIDGES STATE #144
10/13 (19) 8265 drlg 1m, 7-7/8" hole, 1^o @ 8070. Br Wtr & Oil.
- BRIDGES STATE #144
10/14 (20) 8407 drlg 1m, 7-7/8" hole, 1/2 @ 8340. Br Wtr & Oil.
- BRIDGES STATE #144
10/15 (21) 8570 drlg 1m, 7-7/8" hole, NND. Br Wtr & Oil.
- BRIDGES STATE #144
10/16 (22) 8725 drlg 1m, 7-7/8" hole, 3/4 @ 8660. Mudding Up.
- BRIDGES STATE #144
10/17 8800 TD 1m, 7-7/8" hole, NND. 9.8-33-24.0.
Circ 2 hrs, P & LD DP & DC's, Schl running OH logs past 4 hrs.
- 10/18 8800 TD, WOC 5 1/2 csg, ran 266 jts 8800' 17.0# and 15.50# J-55 csg cemented on bottom @ 8800 by Howco w/ 2900x Tllw w/ 1/4# Flocele in 1st 1000x + 200x Class C Neat, PD @ 1:00 a.m. 10/18/70, cement did not circ, Schl finish running SNP, Lateralog and Microlateralog to 8788 in 11 add'l hrs, Rel Marcum Drlg Co rig @ 4:00 a.m. 10/18/70, WOC.
- 10/19 8800 TD.
Worth Well ran Temp Survey top of cement @ 2105, prep to MOT.
- BRIDGES STATE #144, 8800 TD.
10/20 MORT, prep to MI unit to compl.
- BRIDGES STATE #144, 8800 TD.
10/21 MIRU Baber Well Serv DD Unit Inst BOP ran 4 3/4" bit, 5 1/2" casing scraper on 2 3 1/2" DC'S and 2 3/8" tbg to 8757 SD for nite.
- BRIDGES STATE #144, 8800 TD
10/22 Test 5-1/2" casing 1500#, OK. Displace water w/ lease oil. Cardinal Chemical Co. spotted 500 gals 1.5% N. E. acid on bottom. POH w/ tbg, DC'S & bit. Western Co. ran GR Collar-Corr log from 8225-8726', then perforated 5-1/2" casing in the Abo @ 8654, 65 68, 69, 70, 71, 72, 73, 93 & 8694 w/ 1 JSPF total of 10 holes. Ran Johnston pkr on 2-3/8" tbg to 8004'. Cardinal Chemical Co. displaced acid into formation BDTP 3200# TTP 4800# AIR 3.0 BPM ISIP 3700# 5 min. 1800# Job comp @ 4:00 P.M. 10-21-70. Rel press, reset pkr @ 8614', Swab 36 BLO + 9 BAW 2-1/2 hrs 1000' FIH. SD for nite
- BRIDGES STATE #144, 8800 TD
10/23 SI 12 hrs TP 400# F1 21 BNO in 1 hr on open CK TP 400 to 0, swab 10 BNO 1 hr 4500' FIH. Cardinal Chemical Co. acidized perms w/ 10,000 gals 15% N.E. acid using 10 RCN ball sealers TTP 5000# AIR 4.4 BPM ISIP 3700# 10 min 2500# job comp. @ 11:00 A.M. 10-22-70. Swab & F1 35 BLO + 11 BNO + 87 BAW 6-1/2 hrs. TP 0-50# on open CK L hr F1 18 bbls S/O 20% AW SI 12 hrs TP 675# cont to test

BRIDGES STATE #144, 8800 TD

10/24 F1 172 BNO + 34 BAW/12 hrs on 1½" ck, TP 50-75#, L hr F1 15 bbls
S/O 10% AW, SI 12 hrs, TP 725#, cont to test -122 BAW

10/25 F1 175 BNO + 26 BAW/ 12 hrs on 32/64" ck, TP 50-75#, L hr F1 19
bbls, S/O 5% AW, SI 13 hrs, TP 700#, prep to put on pump -96 BAW

10/26 F1 21 BNO 1½ hrs on 32/64" ck, TP 700 to 50#, rel pkr, bled off
tbg press 1 hr, POH w/ tbg & pkr, LD 57 jts 2-3/8" tbg, ran 2-3/8"
tbg to 6900', SD for nite -156 BLO + 76 BAW

BRIDGES STATE #144, 8800 TD

10/27 Finish running 2-3/8" tbg OP to 8751, T perfs @ 8733-36, SN @ 8732,
Guib tbg anchor catcher @ 8634 set w/ 15,000# tension, 2-7/8" tbg
from surface to 1854, ran pump & rods to SN, spaced out, rig down
and rel Baker Well Ser unit @ 6:30 p.m. 10-26-70, rel to prod
-156 BLO + 96 BAW.

BRIDGES STATE #144, 8800 TD.

10/28 P 156 BLO + 20 BNO + 1 BAW/20 hrs. - 95 BAW.
Prep to take NM OCC Pot test.

BRIDGES STATE #144, 8800 TD.

10/29/70 NM OCC POT: P 197 BNO + 1 BAW/24 hrs w/ 10 - 100" x 1½ SPM,
POTENTIAL GOR 510/1, Grav 38 API, Allow 197, Top Allow 358, Cap 197.
Compl 10/22/70.
FINAL REPORT.