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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

7. Unit Agreement Name

8. Farm or Lease Name
Bridges State

3. Address of Operator
P. O. Box 633, Midland, Texas 79701

9. Well No.
114

4. Location of Well
UNIT LETTER **K** LOCATED **1880** FEET FROM THE **South** LINE AND **1880** FEET FROM

THE **West** LINE OF SEC. **24** TWP. **17-S** RGE. **34-E** NMPM **Lea** County

15. Date Spudded **8-31-66** 16. Date T.D. Reached **9-18-66** 17. Date Compl. (Ready to Prod.) **10-3-66** 18. Elevations (DF, RKB, RT, GR, etc.) **4020'** 19. Elev. Casinghead

20. Total Depth **6210'** 21. Plug Back T.D. **6179'** 22. If Multiple Compl., How Many **Single Completion** 23. Intervals Drilled By Rotary Tools **X** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name **6089-6139 Vacuum Glorieta** 25. Was Directional Survey Made **Yes**

26. Type Electric and Other Logs Run **GR, Caliper, Acoustic, Laterolog, Density, Neutron, GR-Collar Cor.** 27. Was Well Cored **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	24#	1380	12-1/4	600 sx Reg. W/6% Gel.	0
5-1/2	14#	6200	7-7/8	1800 sx. Tri Lt. Wt.	0

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8	6164	

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6089, 91, 93, 95, 97, 99, 6101, 03, 05, 07, 10, 15, 17, 19, 21, 24, 26, 31, 33, 35, 37 & 6139				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Total of 22 holes.				6089-6139	1000 gal. 15% NE Acid
				6089-6139	3000 gal. 15% NE Acid - RCN Ball Sealers

33. PRODUCTION

Date First Production **10-3-66** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping FH-160-173C-74 (22,700#)** Well Status (Prod. or Shut-in) **Producing**

Date of Test **10-3-66** Hours Tested **24** Choke Size **Pumping** Prod'n. For Test Period **138** Oil - Bbl. **138** Gas - MCF **34** Water - Bbl. **14 BSW** Gas - Oil Ratio **274:1**

Flow Tubing Press. **0#** Casing Pressure **0#** Calculated 24-Hour Rate **138** Oil - Bbl. **138** Gas - MCF **34** Water - Bbl. **14 BSW** Oil Gravity - API (Corr.) **38.1 @60**

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sold** Test Witnessed By **H. R. Elledge**

35. List of Attachments
Laterolog Survey log & Acoustic-Gamma-Caliper log

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 **T. A. Payne** TITLE **Authorized Agent** DATE **10-5-66**

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

T. Anhy	T. Canyon	T. Ojo Alamo
T. Salt	T. Strawn	T. Kirtland-Fruitland
B. Salt	T. Atoka	T. Pictured Cliffs
T. Yates	T. Miss	T. Cliff House
T. 7 Rivers	T. Devonian	T. Menefee
T. Queen	T. Silurian	T. Point Lookout
T. Grayburg	T. Montoya	T. Mancos
T. San Andres	T. Simpson	T. Gallup
T. Glorieta	T. McKee	T. Base Greenhorn
T. Paddock	T. Ellenburger	T. Dakota
T. Blinebry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Toddlito
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	Rustler	T. Chinle
T. Penn.	1623	T. Permian
T. Cisco (Bough C)		T. Penn. "A"

SUMMARY OF OPERATIONS

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Bridges State #114

DATE	DESCRIPTION
8-31-66	(1) 500 drlg red bed, 12½" hole. 3/4 @ 275. 3. mud. Leatherwood Drlg Co spud in 9:00 P.M. 8/30/66.
9-1-66	(2) 1640 ND anhy, 12½" hole, 3/4° @ 1260. S. mud. Prep to run 8-5/8" csg.
9-2-66	(3) 1640 ND, WOC 8-5/8" csg. Ran 51 jts 1640 8-5/8" 24# J-55 ST&C csg, cemented on bottom @ 1640 by Howco w/600 sx Class A cement w/ 6% gel + 100 sx Class A neat, all cement contained 2% CaCl, plug down @ 5:30 pm 9-1-66, cement circulated, prep to drill 7-7/8" hole.
9-3-66	(4) 2900 drlg anhy & salt, 7-7/8" hole. 3/4 @ 2610. Br wtr. WOC a total of 18 hrs, tested 8-5/8 csg & BOP 1000# 30 min/ok.
9-8-66	(9) 4616 drlg lm & sd, 7-7/8 hole. 1-1/4° @ 4610, 10.1-34-20 3% oil. Mudded up 4470, stuck bit at 4426 for 4 hours, spotted 50 BO around collars, came free.
9-17-66	(18) 6210 TD lm & dolo. 7-7/8 hole, 1½ @ 6210. 9.8-34-17.2, 3% oil. Running OH logs past 7 hrs. Started pulling bit, log stuck @ 2700' for 1 hr, worked loose.
9-19-66	(20) 6210 TD (WOC 5½ csg). PGAC ran GR 0-6160, Caliper 1640-6160, Acoustic log 3800-6160, LL 3800-6160, Density log 4450-6160, Neutron 4450-4900, 5100-5200, 5600-6160, total logging time 14½ hrs, ran bit to bottom, circ 3 hrs, pull & LD DP & collar, ran 722' of 15.5# J-55 + 5488' of 14.0# J-55 LT&C csg, cemented on bottom by Howco w/ 1800 sx TILW + 400 sx Incor Neat containing 18% salt, PD @ 11:00 a.m. 9/18/66. Cement did not circulate, WOC 6 hrs. Worth Well ran temperature survey top of cement @ 2300, nipple up 5½ csg. Released Leatherwood Drlg Co rig @ 8:00 p.m. 9/18/66. Prep to MORT. NOTE: Bottom 8 jts of csg had casing-cote scratchers every 6' & 1 centralizer per jt, csg was reciprocated throughout cement job.
9-21-66	6210 TD. MIRU Baber Well Serv DD Unit, inst'l BOP, ran 4-3/4 bit on 2-3/8 tbg to 6179 PBD, tested 5-1/2 csg, 2000#/30 min/ok, displace mud w/lease oil, pull tbg & bit, SD for nite. Prep to log & perf. WOC 53 hrs before testing csg.

SUMMARY OF OPERATIONS

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Bridges State #114

DATE	DESCRIPTION
9-22-66	6210 TD, 6179 PSTD. PGAC ran GR-Collar-Corr log from 5800 to 6164, then perf 5 1/2 csg in the Glor @ 6089, 91, 93, 95, 97, 99, 6101, 03, 05, 07, 10, 15, 17, 19, 21, 24, 26, 31, 33, 35, 37 & 6139 w/ 1 JSPT, total 22 holes, ran Guib RTTP pkr on 2-3/8 tbg to 6058, tbg OE to 6160, swab 29 BLO in 3 hrs, swab dry L hr, prep to acidize.
9-23-66	6210 TD, 6179 PSTD, Glor (6089-6139) OA. Cardinal Chemical Co acidized perfs w/1000 gals 15% NE acid, BDTP 3500#, TTP 3500-2800#, rate 1.0 BPM, ISIP 2800#, 5 min 1600#, 10 min 900#, job complete 10:00 a.m. 9/22/66, swab 25 BLO + 11 BNO + 22 BAW/8 hrs, L hr sw 4 bbls, S/O 53% AW, 300' FIH, gd sh of gas. Lack 2 BAW. Prep to reacidize.
9-24-66	6210 TD, 6179 PSTD, Glor (6089-6139) OA. SI 12 hrs, TP 150#, bled off immed, 2600' FIH, swab 19 BNO + 2 BAW + 3 BFW in 3 hrs, reset pkr @ 5963, tbg @ 6065, Cardinal Chem Co reacidized perfs w/ 3000 gal 15% NE using 30 RCN ball sealers, TTP 2400 to 4000#, rate 4.5 BPM, ISIP 2800, 10 min SIP 1300# job compl @ 11:30 a.m. 9/23/66, then swab 47 BLO + 37 BNO + 72 BAW + 8 BFW in 17 hrs, L 6 hrs swab 36 BNO + 2 BAW + 8 BFW, L hr sw 8 bbls, S/O, 25% wtr, gd sh of gas, 1800' FIH.
9-26-66	Swab 133 BNO + 32 BW/24 hrs, L hr sw 6 BNO + 1 BW, 2000' FIH, gd sh of gas. Pull tbg & pkr, reran 2-3/8 J-55 8rd EUE tbg, oranged peeled to 6164, T perfs 6130-33, SN @ 6129, remove BOP, inst wellhead, released Baber Well Serv Unit @ 6:00 p.m. 9/25/66. Rel to Production to put on pump. 150 BLO to rec.
10-3-66	6210 TD, 6179 PSTD. Finish setting pumping unit. P 82 BNO + 4 BSW/15 hrs. On OCC Pot Test: P 133 BNO + 14 BSW/24 hrs, GOR 274/1, Grav 38.1 @ 60. Allow 63 BOPD, top field allow 63 BOPD. Completed 9/23/66. Vacuum Glorieta Field, Lea Co., N. M. FINAL REPORT.