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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
4. Location of Well

7. Unit Agreement Name
8. Farm or Lease Name
Bridges State
9. Well No.
167
10. Field and Pool, or Wildcat
Vacuum Grayburg, SA

UNIT LETTER **0** LOCATED **1980** FEET FROM THE **East** LINE AND **660** FEET FROM
THE **South** LINE OF SEC. **15** TWP. **17-S** RGE. **34-E** NMPM
15. Date Spudded **10-3-71** 16. Date T.D. Reached **10-14-71** 17. Date Compl. (Ready to Prod.) **10-19-71** 18. Elevations (DF, RKB, RT, GR, etc.) **4045 GR** 19. Elev. Casinghead

20. Total Depth **4,800** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By Rotary Tools **X** Cable Tools
24. Producing Interval(s), of this completion — Top, Bottom, Name
4,690-92, 4,700-4,706 Vacuum Grayburg San Andres 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Dresser Atlas SWN & GR-Collar-Corr Logs 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
8-5/8"	23#	350	12-1/4	450 sks	-
5-1/2"	14.# & 15.5#	4,800	7-7/8	1550 sks	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	4,752	

31. Perforation Record (Interval, size and number)
4,690-92, 4,700-4,706 2-JSPF Total of 20 Holes
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
4,690-4,706 AMOUNT AND KIND MATERIAL USED
Runco acidized w/6500 gals 15% NE acid containing 5# FR/ 1000 gals acid + 20 RCNB sealers

33. PRODUCTION
Date First Production **10-12-71** Production Method (Flowing, gas lift, pumping — Size and type pump) **Pumping** Well Status (Prod. or Shut-in) **Prod.**
Date of Test **10-28-71** Hours Tested **24** Choke Size **2" Tub.** Prod'n. For Test Period **56** Oil — Bbl. **9.6** Gas — MCF **2 BLW** Water — Bbl. **172** Gas — Oil Ratio
Flow Tubing Press. **-** Casing Pressure **-** Calculated 24-Hour Rate **-** Oil — Bbl. **-** Gas — MCF **-** Water — Bbl. **-** Oil Gravity — API (Corr.) **34.5**

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

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 **11-1-71**

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 1,635	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 2,945	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3,913	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4,640	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinebry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb	T. Granite	T. Todilto	T. _____
T. Drinkard	T. Delaware Sand	T. Entrada	T. _____
T. Abo	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	130		Sand, Gravel				
130	350		Sand, Red Bed				
350	864		Red Bed				
864	1580		Red Bed & Gyp				
1580	1889		Anhy				
1889	3002		Anhy & Salt				
3002	3825		Anhy				
3825	3915		Anhy & Lime				
3915	4026		Lime & Gyp				
4026	4800	TD	Lime				

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OIL CONSERVATION COMM.

HOBBS, N. M.

DAILY DRILLING REPORT

Bridges-State #167

BRIDGES STATE #167, 660' FSL & 1980' FEL Sec 15, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single producer in Vacuum San Andres wtr flood. AFE 1360 - Mobil Intr 100% - Est Cost \$60,000.

10/4/71 (1) 350 ND red bed, 12 $\frac{1}{4}$ " hole, 3/4 @ 350, WOC on 8-5/8 csg, ran 9 jts 350' 8-5/8 OD 23.0# L. B. Foster csg, Howco cmtd csg on bottom @ 350 w/ 450x Class H cmt w/ 2% CaCl, PD @ 6:45 p.m. 10/3/71, cmt circ, Cactus Drlg Co spud in @ 2:15 p.m. 10/3/71.

BRIDGES STATE #167

10/5 (2) 700 drlg red bed, 7-7/8" hole, NND Fr. Wtr.
WOC & repair motors 19 hrs, test 8-5/8" csg & BOP w/ 1000# ok.

BRIDGES STATE #167

10/6 (3) 2196 drlg salt & anhy, 7-7/8" hole, 1 $^{\circ}$ 2196. Br. Wtr & Oil.

BRIDGES STATE #167

10/7 (4) 3080 drlg anhy & salt 7-7/8" hole, 1 $\frac{1}{2}$ $^{\circ}$ 3046. Br. Wtr & Oil.

BRIDGES STATE #167

10/8 (5) 3510 drlg lm 7-7/8" hole, 1-3/4 $^{\circ}$ 3450. 10.0-34-NC 3% Oil.

BRIDGES STATE #167

10/9 (6) 3810 drlg lm, 7-7/8" hole, 1 $\frac{1}{4}$ @ 3745. 10.0-35-NC, 3% oil.

10/11 (8) 4331 drlg lm, 7-7/8" hole, 3/4 @ 4052. 10.3-40-NC, 3% oil.

BRIDGES STATE #167

10/12 (9) 4468 drlg lm 7-7/8" hole, 3/4 4468. 10.2-44-20.0 3% Oil.

BRIDGES STATE #167

10/13 (10) 4622 drlg lm, 7-7/8" hole, 1-3/4 @ 4622. 10.3-40-20.4, 3% oil.

BRIDGES STATE #167

10/14 (11) 4752 drlg lm, 7-7/8" hole, 3/4 @ 4737. 10.4-40-22.4, 3% oil.

BRIDGES STATE #167

10/15 (12) 4800 TD lm, WOC 5 $\frac{1}{2}$ csg, finish hole, circ 2 hrs, P & LD DP & DC's, Dresser-Atlas ran SWN & GR logs 0-4800/4-3/4 hrs, ran 147 jts 4800' 5 $\frac{1}{2}$ OD 15.50# & 14.0# J-55 LT&C & ST&C csg 1577' of 15.50 on bottom, 14.0 to surf. Howco cmtd csg on bottom w/ 1350x TLLW containing $\frac{1}{2}$ # salt/x + 200x Class C Neat, PD @ 5:00 a.m. 10/15/71, cmt circ, set slips, cut off csg, Rel Cactus Drlg Co rig @ 7:00 a.m. 10/15/71, prep to MOT.

BRIDGES STATE #167, 4800 TD

10/16 MOT, set unit anchors, prep to MI unit to complete.

Bridges State #167

10/18 MIRU Lohmann Well Ser Unit, instl BOP, ran 4-3/4" bit, 5 1/2" csg scraper on 2-3/8" tbg to 4756, test csg to 1500# ok, displ wtr w/ lease oil, spot 500 gals 15% NE acid on bottom, POH, Dresser-Atlas ran GR-Collar-Corr log from 4000-4756 then perf 5 1/2" csg in the San Andres @ 4690-92, 4700-4706 w/ 2 JSPF, total of 20 holes, ran Baker Model R pkr on 2-3/8" tbg to 4123, Runco displ acid into form, BDTP 3350#, TTP 4000-3850#, AIR 1 1/2 BPM, ISIP 3500#, 10 min 3350#, bled off press, reset pkr @ 4656, sw 18 BLO 1 hr, sw dry 3 hrs, Runco reacidized w/ 6000 gals 15% NE acid containing 5# FR/1000 gals acid used 20 RCNB sealers, TTP 4000-5000#, AIR 7.4 BPM, ISIP 3100#, 10 min 2750#, job compl @ 6:10 p.m. 10-17-71, sw 25 BLO + 40 BNO + 75 BAW/ 10 hrs, L hr sw 6 bbls, S/O 40% oil, 700' FIH, gd sh of gas, cont to sw test. -81 BAW.

BRIDGES STATE #167, 4800 TD

10/19 Sw 18 BNO + 5 BAW/ 6 hrs, L hr sw zero fluid, fr sh of gas, 100' FIH, POH w/ tbg & pkr, ran 2-3/8" tbg OP to 4752, T perfs 4718-21, SN @ 4717, 2 jts 2-3/8" tbg, Guib tbg anchor set @ 4651 w/ 21,000# ten, 148 jts 2-3/8" tbg, instl wellhead, ran pump on 73 3/4" rods, SD for nite. -88 BLO + 76 BAW.

BRIDGES STATE #167, 4800 TD

10/20 Finish running pump & rods to 4717, spaced out & clamped off, rig down, rel unit & rel well to prod @ 12:00 noon 10-19-71. -88 BLO + 76 BAW.

10/20 Set pumping unit. -88 BLO + 76 BLW.

BRIDGES STATE #167, 4800 TD

10/21 Completed setting pumping unit, POP. -88 BLO + 76 BLW.

BRIDGES STATE #167, 4800 TD

10/22 P 55 BLO + 1 BLW/ 21 hrs. -33 BLO + 75 BLW.

BRIDGES STATE #167, 4800 TD.

10/25 P 33 BLO + 126 BNO + 31 BLW/72 hrs. - 44 BLW.

BRIDGES STATE #167, 4800 TD.

10/26 P 55 BNO + 3 BLW/24 hrs. - 41 BLW.

BRIDGES STATE #167, 4800 TD.

10/27 P 58 BNO + 3 BLW/24 hrs. - 38 BLW.

BRIDGES STATE #167, 4800 TD.

10/28 P 55 BNO + 5 BLW/24 hrs. - 33 BLW.

BRIDGES STATE #167, 4800 TD.

10/29/71 NM OCC POT TEST: P 56 BNO + 3 BLW/24 hrs, 9 - 1 1/2 x 54" SPM,
POTENTIAL GOR 172/1, Grav 34.5 @ 60, Allow 56 NP, wtr flood lse allow,
Cap 56, Compl 10/17/71.
FINAL REPORT.