

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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FILE	
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LAND OFFICE	
OPERATOR	

50. 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 H. WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVS. ☐ OTHER ☐
2. Name of Operator
Mobil Oil Corporation
3. Address of Operator
Box 633, Midland, Texas 79701
4. Location of Well
UNIT LETTER *B* LOCATED *660* FEET FROM THE *North* LINE AND *1720* FEET FROM
THE *East* LINE OF SEC. *27* TWP. *17-S* RGE. *34-E* N 4PM

7. Unit Agreement Name
8. Form or Lease Name
Bridges State
9. Well No.
1413
10. Field and Pool, or Wildcat
Vacuum 260. 20.
12. County
Lea

15. Date Spudded *8-31-70* 16. Date T.D. Reached *9-20-70* 17. Date Compl. (Ready to Prod.) *9-30-70* 18. Elevations (DF, RKB, RT, CR, etc.) *1027' G.C.* 19. Elev. Casinghead
20. Total Depth *874.5'* 21. Plug Back T.D.
22. If Multiple Compl., How Many
23. Intervals Drilled By Rotary Tools ☒ Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name
2665' - 2620' 25. Was Directional Survey Made
26. Type Electric and Other Logs Run
Western Co. Cellar - 2000 6095 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
<i>2 7/8"</i>	<i>23.5#</i>	<i>16.55'</i>	<i>1 1/4"</i>	<i>1000 x</i>	
<i>5 1/2"</i>	<i>104.5 1550#</i>	<i>27.45'</i>	<i>7 3/8"</i>	<i>3100 x</i>	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
<i>2 7/8"</i>	<i>2721'</i>	

31. Perforation Record (Interval, size and number)
2665', 23, 10, 19, 25, 27, 31, 37, 39, 43, 45, 47, 49, 51, 53, 55, 59, 64, 73, 75, 8868' w/1-15PF
Total of 22 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
2665' - 2620' AMOUNT AND KIND MATERIAL USED
acidized w/15000 gal 15% HCl
acid + 15000 gal 15% HCl

33. PRODUCTION
Date First Production *9-27-70* Production Method (Flowing, gas lift, pumping - Size and type pump) *Pumping 2" x 1 1/4" x 20'* Well Status (Prod. or Shut-in) *Producing*
Date of Test *10-4-70* Hours Tested *24* Choke Size *2" Tub.* Prod'n. For Test Period
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate
Oil - Bbl. *146* Gas - MCF *26.4* Water - Bbl. *3* Gas - Oil Ratio *592*
Oil Gravity - API (Corr.) *37.9*

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

35. List of Attachments
D. 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 *J. J. McDaniel* TITLE *Well Completion Agent* DATE *9-7-70*

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 29 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 1155.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern New Mexico

Northwestern New Mexico

T. Anby <u>1562</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kitland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2232</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2790</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4570</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta <u>6060</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinney	T. Gr. Wash.	T. Morrison	
T. Tubb	T. Granite	T. Todillo	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo <u>8166</u>	T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Chisole	
T. Penn.		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250		Cliff & Sand				
250	1350		Red Bed				
1350	1479		Red bed & Anby				
1479	1655		Anby				
1655	2611		Anby & Salt				
2611	3061		Anby				
3061	3254		Anby & shale				
3254	3654		Anby				
3654	5560		Lime				
5560	2672		Lime				
2672	2740		Lime & shale				
2740	3745		Lime				

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DAILY DRILLING REPORT

Bridges State #143

BRIDGES STATE #143, 660' FNL & 1780' FEL Sec 27, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo producer. AFE 0146 - Mobil Intr 100% - Est Cost \$112,000.

8/30/70 Marcum Drilling Co MIT.

8/31 RUT.

BRIDGES STATE #143

9/1 (1) 1356 drilg red bed, 12½" hole, ¼ @ 1215. Native Mud. Marcum Drilling Co spud in @ 12:00 noon 8/31/70.

BRIDGES STATE #143

9/2 (2) 1658 WOC 8-5/8 csg, ran 41 jts 8-5/8 23.0# J-55 ST&C csg cemented on bottom @ 1655 by Howco w/ 800x Class H 8% gel + 200x Class H Neat, all cement contained 2% CaCl, PD @ 11:00 p.m. 9/1/70, cement circ, WOC.

BRIDGES STATE #143

9/3 (3) 3060 drilg anhy & salt, 7-7/8" hole, ½ @ 2880. Br Wtr. WOC total 18 hrs, test csg and BOP 1000#/ok.

BRIDGES STATE #143

9/4 (4) 3652 drilg anhy, 7-7/8" hole, 1° @ 3510. Br Wtr.

BRIDGES STATE #143

9/5 (5) 4088 drilg anhy & lm, 7-7/8" hole, 1° @ 3831. Br Wtr.

9/8 (8) 5015 drilg lm, 7-7/8" hole, 1° @ 4965. Br Wtr & Oil, 2% Oil.

BRIDGES STATE #143

9/9 (9) 5725 drilg lm, 7-7/8" hole, NND. Br Wtr & Oil, 2% oil.

BRIDGES STATE #143

9/10 (10) 5977 drilg lm, 7-7/8" hole, 2½ @ 5904. Br Wtr & Oil, 1% Oil.

BRIDGES STATE #143

9/11 (11) 6377 drilg lm, 7-7/8" hole, 2½ @ 5976. Br Wtr & Oil, 1% Oil.

BRIDGES STATE #143

9/12 (12) 6777 drilg lm, 7-7/8" hole, NND. Br Wtr.

9/14 (14) 7377 drilg lm, 7-7/8" hole, 2½ @ 7314. Br Wtr.

BRIDGES STATE #143

9/15 (15) 7777 drilg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #143

9/16 (16) 7777 drilg lm, 7-7/8" hole, 2½ @ 7314. Br Wtr.

BRIDGES STATE #143

9/17 (17) 8027 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #143

9/18 (18) 8255 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #143

9/19 (19) 8483 drlg lm, 7-7/8" hole, 1-3/4" @ 8273. Br Wtr.

9/21 (21) 8745 TD lm, 7-7/8" hole, 1^o @ 8745. 10.0-42-22.
Circ 1½ hrs @ 8745, P & LD DP & DC's, Schl ran BHC GR-S
& Caliper logs from surf to 8733/6 hrs, ran 275 jts 17.0#
& 15.50# 5½ csg to 8745, Howco prep to cement csg.

BRIDGES STATE #143

9/22 8745 TD, WOC 5½ csg cemented @ 8745 by Howco w/ 2900x TLLW
w/ ¼# Flocele in 1st 1000x + 200x Class C Neat, PD @ 8:00
a.m. 9/21/70, cement did not circ, Rel Marcum Drlg Co rig @
11:00 a.m. 9/21/70, MOT, Worth Well ran Temp Survey, top of
cement @ 2340, prep to compl.

BRIDGES STATE #143, 8745 TD.

9/23 MIRU X-Pert Well Serv DD unit, install BOP, ran 4-3/4 bit
and 5½ csg scraper on 214 jts 2-3/8 tbg, SD for nite.

BRIDGES STATE #143, 8745 TD.

9/24 RU rev unit, drill cement from 8710-8730/4 hrs, circ hole
clean, test csg to 1500#/30 min/ok, displ wtr w/ lse oil,
Astro Serv spotted 500 gals 15% NE acid on bottom, pulled
52 stands of tbg, SD for nite.

BRIDGES STATE #143, 8745 TD.

9/25 POH w/ tbg and bit, Western Co ran GR-Collar-Corr log from
8200-8719, then perf 5½ csg in the Abo @ 8605; 08; 10; 19;
25; 27; 31; 37; 39; 43; 45; 47; 49; 51; 53; 55; 59; 64; 69;
73; 75; and 8680 w/ 1 JSPF, total 22 holes, ran BOT 5½ pkr
on 2-3/8 tbg to 8021, Astro Serv displ acid into form,
BDTP 3800, TTP 3800-4200, AIR 1.0 BPM, ISIP 3700, 10 min 2000,
job compl 5:00 p.m. 9/24/70, reset pkr @ 8549, SD for nite,
prep to sw test.

BRIDGES STATE #143, 8745 TD.

9/26 S 36 BLO/2 hrs, 3500' FIH, Astro Serv Co attempted to acidize
perfs w/ 10,000 gals acid, pkr failed, POH w/ tbg & pkr, ran
new pkr to 8518, SI & SD for nite, prep to acidize. - 12 BAW.

9/28 S 25 BLO/2 hrs, 5000' FIH, no gas, Astro Serv reacidized
perfs w/ 10,000 gals 15% NE acid containing 5#/1000 gals
friction reducer using 18 RCNB sealers, TTP 4400-4800,
AIR 4.8 BPM, ISIP 3500, 10 min SIP 3200, job compl 9:47 a.m.
9/26/70, F 30 BLO + 44 BAW/7 hrs, L hr F 3 bbls, S/O 100% AW,
TP zero, SI 13 hrs, TP 675, F 6 BLO + 10 BNO + 4 BAW/2 hrs &
died, then S 67 BNO + 31 BAW/11 hrs, L hr S 9 bbls, S/O 65% oil,
4700' FIH, gd sh of gas, SD for nite, prep to sw test. - 173 BAW.

BRIDGES STATE #143, 8745 TD.

9/29 SI 13 hrs, TP 600, F & S 111 BNO + 16 BAW/11 hrs, 48/64 ck,
TP 75-100, L hr F 11 bbls, S/O 3% AW, prep to POP. - 157 BAW.

BRIDGES STATE #143, 8745 TD.

9/30 SI 13 hrs, TP 500, F 25 BNO/2 hrs on open ck, TP 100, kill well w/ 40 BLO, unseat pkr, POH w/ 2-3/8 tbg and pkr, LD 63 jts 2-3/8 tbg, now running prod tbg, SD for nite.

BRIDGES STATE #143, 8745 TD.

10/1 Ran 2-3/8 tbg, OP to 8721, T. Perfs 8704-07, SN 8703, Baker anchor catcher @ 8649, set w/ 12,000# T 2-7/8 EUE tbg surf to 1885, remove BOP, inst'l wellhead, ran pump & rods to 8703, spaced out and clamped off, RD & Rel X-Perf Well Serv unit @ 7:00 p.m. 9/30/70, Rel to Prod to set PU. - 210 BLO + 157 BAW.

BRIDGES STATE #143, 8745 TD.

10/2 POP. - 210 BLO + 157 BLW.

BRIDGES STATE #143, 8745 TD.

10/5/70 P 210 BLO + 136 BNO + 30 BLW/72 hrs.

POTENTIAL ON NM OCC POT TEST: P 146 BNO + 3 BLW/24 hrs, 9½ - 100" x 1¼ SPM, GOR 592/l, Grav 37.8 @ 60, Allow 146 BOPD nonprorated, Top 358, Cap 146, Compl 9/26/70. - 124 BLW.
FINAL REPORT.