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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
P. O. Box 633, Midland, Texas 79701
4. Location of Well

7. Unit Agreement Name
8. Farm or Lease Name
Bridges State
9. Well No.
169
10. Field and Pool, or Wildcat
North Vacuum Abo

UNIT LETTER **H** LOCATED **1980** FEET FROM THE **North** LINE AND **660** FEET FROM
THE **East** LINE OF SEC. **13** TWP. **17-S** RGE. **34-E** NMPM **Lea**

15. Date Spudded **2-12-72** 16. Date T.D. Reached **3-2-72** 17. Date Compl. (Ready to Prod.) **3-7-72** 18. Elevations (DF, RKB, RT, GR, etc.) **4016.7** 19. Elev. Casinghead

20. Total Depth **8800** 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
8607-8666 Vacuum Abo, North 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Dresser Atlas Gr-Collar-Corr 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
12-3/4"	34.5#	270	17-1/2	450 x	
8-5/8"	24# & 28#	3160	11	1400 x	
5-1/2"	15# & 17#	8800	7-7/8	2300 x	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8713	

31. Perforation Record (Interval, size and number)
8607, 18, 19, 25, 26, 27, 28, 29, 55, 56, 57, 58, 65 & 8666 2-JSPF Total of 30 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8607-8666	Runco acidized w/10,000 gals 15% N.E. acid containing 5# FR/1000 gals used 30 RCNB sealers

33. PRODUCTION

Date First Production **3-6-72** Production Method (Flowing, gas lift, pumping — Size and type pump) **Pumping 2" x 1-1/4 x 8'** Well Status (Prod. or Shut-in) **Prod**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3-19-72	24	2" Tub		204	304.8	2 BLW	1494

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
						37.6

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
(1) Daily Drilling Report 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 **3-23-72**

This form is to be filled 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 3) through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

1733

Northwestern New Mexico

T. Anty	1755	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	3014	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3949	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	4652	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glerieta	6119	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinberry		T. Gr. Wash	T. Morrison	T.
T. Tub	7474	T. Granite	T. Toddlito	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Ab	8160	T. Bone Springs	T. Wingate	T.
T. Wolfcamp			T. Chinle	T.
T. Penn.			T. Permian	T.
T. Cisno (Bough C)			T. Penn. "A"	T.

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RECEIVED
MAR 27 1972
U.S. GOVERNMENT PRINTING OFFICE

DAILY DRILLING REPORT

Bridges State #169

BRIDGES STATE #169, 1980' FNL & 660' FEL Sec 13, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete a single Abo producer in North Vacuum Fld. AFE 1151 - Mobil Intr 100% - Est Cost \$133,000.

- 2/12/72 Marcum Drlg Co MIT, 80% RU.
- 2/14 (3) 2827 drlg anhy, 11" hole, $\frac{1}{4}$ " @ 270, $\frac{3}{4}$ " @ 2367, Br Wtr & Oil. Marcum Drlg Co spud in @ 10:45 a.m. 2/12/72, ran 7 jts 270' 12-3/4 34.0 csg, cmtd in 17 $\frac{1}{2}$ " hole in red bed @ 270 by BJ Serv w/ 450x Class C cmt w/ 2% CaCl, PD @ 3:00 p.m. 2/12/72, cmt circ, WOC 18 hrs.
- BRIDGES STATE #169
- 2/15 (4) 3160 ND anhy, 11" hole, 1" @ 3150, Br Wtr & Oil. running 8-5/8 csg.
- BRIDGES STATE #169
- 2/16 (5) 3206 drlg anhy, 7-7/8" hole, NND, Fr Wtr. finish running 77 jts 3160' 8-5/8 OD 28.0# & 24.0# 8rd ST&C J-55 csg cmtd on bottom @ 3160 by BJ Serv w/ 1200x TLLW containing 7.5# salt/x + 200x Class C Neat cmt w/ 2.6# salt/x, PD @ 8:30 a.m. 2/15/72, cmt circ, WOC total 20 $\frac{1}{2}$ hrs, test csg 1000#/ok.
- BRIDGES STATE #169
- 2/17 (6) 3800 drlg anhy & lm, 7-7/8" hole, NND. Fr Wtr.
- BRIDGES STATE #169
- 2/18 (7) 4230 drlg lm, 7-7/8" hole, 1" @ 3939, Fr Wtr. down 4 hrs, fish & rec cone.
- BRIDGES STATE #169
- 2/19 (8) 4640 ND lm 7-7/8" hole, NND. Fr. Wtr. Down past 4 $\frac{1}{2}$ hrs fishing for 19 DC & bit
- 2/21 (9) 5555 drlg lm 7-7/8" hole, NND. Fr. Wtr.
- 2/22 (10) 6055 drlg lm 7-7/8" hole, 2" 5977. Fr. Wtr.
- BRIDGES STATE #169
- 2/23 (11) 6500 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- BRIDGES STATE #169
- 2/24 (12) 6790 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- BRIDGES STATE #169
- 2/25 (13) 7155 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- BRIDGES STATE #169
- 2/26 (14) 7455 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- 2/28 (16) 7950 drlg lm, 7-7/8" hole, 1-3/4 @ 7901. Fr Wtr.

- 2/29 BRIDGES STATE #169
(17) 8197 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- 3/1 BRIDGES STATE #169
(18) 8487 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- 3/2 BRIDGES STATE #169
(19) 8755 drlg lm, 7-7/8" hole, NND. 10#-36-19.
- 3/3 BRIDGES STATE #169
(20) 8800 TD lm, 7-7/8" hole, 1° @ 8800, 9.8-37-19.
cond hole/2 hrs, P & LD DP & DC, Schl ran GR-SNP-Caliper
logs surf to 8800, RU & now running 5½ csg 218 jts in hole.
- 3/4 BRIDGES STATE #169
8800 TD, WOC on 5½ csg, ran 237 jts 5½ csg on bottom up, 118
jts 17# and 119 - 15# ST&C J-55 8rd, BJ cmtd w/ 2100x T1W w/ ¼#
Flocele/x followed w/ 200x Class C Neat, PD @ 9:45 a.m. 3/3/72,
cmt circ, Rel drlg rig @ 12:45 p.m. 3/3/72.
- 3/5 8800 TD.
WOC on 5½ csg, moved drlg rig off loc.
- 3/6 MIRU X-Pert Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5½ csg
scraper on 2-3/8 tbg to 8742, test csg to 2500#/ok, displ hole
w/ lse oil, spot 500 gals 15% NE acid on bottom, POH w/ tbg &
bit, SD for nite.
- 3/7 BRIDGES STATE #169, 8800 TD.
Dresser-Atlas ran GR-Collar-Corr log from 8400-8716,
then perf 5½ csg in the Abo @ 8607; 18; 19;
25; 26; 27; 28; 29; 55; 56; 57; 58; 59; 65; & 8666 w/ 2 JSPF,
total of 30 holes, ran Baker Model R pkr on 2-3/8 tbg set @ 7995,
Runco displ 500 gals acid into perfs, TTP 3800-3900, AIR 1.3 BPM,
ISIP 3600, 10 min 1000, reset pkr @ 8552, S 41 BLO/2½ hrs, 800'
FIH, Runco acidized perfs w/ 10,000 gals 15% NE acid containing
5# FR/1000 gals used 30 RCNB, TTP 4500-5800, AIR 6.3 BPM, ISIP
3600, 15 min 1300, job compl @ 5:30 p.m. 3/6/72, S 37 BLO + 23
BNO + 109 BAW/11 hrs, L hr sw 15 bbls, S/O 30% oil, 4300' FIH,
gd sh of gas. - 143 BAW.
- 3/8 BRIDGES STATE #169, 8800 TD.
S 157 BNO + 59 BAW/11 hrs, L hr sw 10 bbls, S/O 98% oil,
hole full scattered fluid, gd sh of gas, prep to POP. - 84 BAW.
- 3/9 BRIDGES STATE #169, 8800 TD
POH w/ tbg & pkr, LD 64 jts 2-3/8" tbg, ran 2-3/8" EUE 8rd tbg OP to
8713, T perfs 8680-83, SN @ 8679, 4 jts of tbg, Guib AC set @ 8551 w/
20,000# ten, 212 jts 2-3/8" tbg + 63 jts 2-7/8" tbg, instl wellhead,
now running pump & rods, SD for nite. -165 BLO + 84 BAW.
- 3/10 BRIDGES STATE #169, 8800 TD.
Finish running pump & rods to SN @ 8679, spaced out, RD, Rel
unit & Rel well to Prod @ 2:00 p.m. 3/9/72.
- 165 BLO + 84 BAW.
- 3/10 POP.
- 165 BLO + 84 BAW.

3/13 BRIDGES STATE #169, 8800 TD
P 165 BLO + 277 BNO + 20 BLW/ 3 days. -64 BLW.

3/14 BRIDGES STATE #169, 8800 TD
P 283 BNO + 8 BLW/ 24 hrs. -56 BLW.

3/15 BRIDGES STATE #169, 8800 TD
P 258 BNO + 6 BLW/ 24 hrs. -50 BLW.

3/16 BRIDGES STATE #169, 8800 TD
P 237 BNO + 1 BLW/ 24 hrs. -49 BLW.

3/17 BRIDGES STATE #169, 8800 TD
P 208 BNO + 1 BLW/ 24 hrs. -48 BLW.

3/19 BRIDGES STATE #169, 8800 TD
P 419 BNO + 4 BLW/ 2 days. -44 BLW.

3/20/72 NMOCC POT: P 204 BNO + 2 BLW/ 24 hrs, 10 x 1½ x 100" SPM,
POTENTIAL GOR:1494/1, gr 37.6 @ 60, allow 204 NP, top 382, cap 204,
compl 3-6-72.
FINAL REPORT.