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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 <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1520

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Farm or Lease Name Bridges State
2. Name of Operator Mobil Oil Corporation	9. Well No. 168
3. Address of Operator P. O. Box 633, Midland, Texas 79701	10. Field and Pool, or Wildcat Vacuum Grayburg S.A.

4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1780 FEET FROM THE West LINE OF SEC. 26 TWP. 17-S RGE. 34-E NMPM	12. County Lea
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15. Date Spudded 12-30-71	16. Date T.D. Reached 1-28-72	17. Date Compl. (Ready to Prod.) 3-14-72	18. Elevations (DF, RKB, RT, GR, etc.) 4030 Gr.	19. Elev. Casinghead
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20. Total Depth 4800	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By X	Rotary Tools	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name 4507 - 4587 Vacuum Grayburg San Andres	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run Schl. Gr-N-Collar	27. Was Well Cored No
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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"	20#	361	12-1/4	450 x	
5-1/2"	15.50#	4800	7-7/8	1550 x	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4751	--

31. Perforation Record (Interval, size and number) 4507, 4517-25, 4539-43, 4551-52, 4557-63, 4572-73, 4578-82, 4585-87, 1 JSPF, Total of 34 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4507-4587 AMOUNT AND KIND MATERIAL USED 1 - JSPF Total of 34 holes
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33. PRODUCTION							
Date First Production 2-16-72		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" X 1-1/4 X 6'				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-16-72	Hours Tested 24	Choke Size 2" Tub	Prod'n. For Test Period 23	Oil - Bbl. TSTM	Gas - MCF 1 BLW	Water - Bbl. TSTM	Gas - Oil Ratio 34.5
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By H. R. Elledge
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35. List of Attachments (1) Daily Drilling Summary
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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 **Authorized Agent**

DATE **3-23-72**

DAILY DRILLING REPORT

Bridges State #168

BRIDGES STATE #168, 1780' FWL & 1980' FNL, Sec 26, T17S, R34E, Lea County, New Mexico. OBJECTIVE: Drill & complete a single oil producer in Vacuum San Andres waterflood - AFE #1951 - MOBIL INT. 100% - EST. COST \$60,000.

12/20/71 Prep to MI rig, Bandera Drlg Inc.

BRIDGES STATE #168

12/21 WOR.

BRIDGES STATE #168

12/22 WOR.

BRIDGES STATE #168

12/23 WOR.

BRIDGES STATE #168

12/27 WOR.

BRIDGES STATE #168

12/28 WOR.

BRIDGES STATE #168

12/29 90% RU.

BRIDGES STATE #168

12/30/71 RURT - Prep to spud.

BRIDGES STATE #168

12/31/71 (1) 361 ND, RB 12 1/4" hole, 3/4° 361. S. Mud.
WOC on 8-5/8" csg, ran 9 jts 8-5/8" csg, 20# ST&C to bottom, Howco cmtd w/ 450 sx Class H w/ 2% CaCl₂ & 1/4# flocele, cmt circ, PD @ 5:30 a.m. 12-31-71, Bandera Drlg Co spud 6:00 a.m. 12-30-71.

1/1/72 (2) 361 ND, WOC past 24 hrs, test 8-5/8" csg & BOP 1000# ok, depth @ midnite 12-31-71 361'.

1/3 (4) 2267 drlg salt & sh 7-7/8" hole, Br. Wtr.
1 1/4° 1850.

BRIDGES STATE #168

1/4 (5) 2866 drlg anhy & salt 7-7/8" hole, Br. Wtr.
2° 2740.

BRIDGES STATE #168

1/5 (6) 3170 drlg anhy, 7-7/8" hole, NND. Br. Wtr & Oil.

BRIDGES STATE #168

1/6 (7) 3407 drlg lm 7-7/8" hole, Br. Wtr & Oil.
3/4° 3170.

1/7 BRIDGES STATE #168
(8) 3556 drlg 1m 7-7/8" hole, 1° 3541. Br. Wtr & Oil.

1/10 BRIDGES STATE #168
(11) 4045 drlg 1m 7-7/8" hole, 1° 3844. Br. Wtr & Oil

1/11 BRIDGES STATE #168
(12) 4104 drlg 1m 7-7/8" hole, NND. Br. Wtr & Oil.
Down 16 hrs for rig repair.

1/12 BRIDGES STATE #168
(13) 4231 drlg 1m 7-7/8" hole, NND. Br. Wtr & Oil.

1/13 BRIDGES STATE #168
(14) 4231 ND 1m 7-7/8" hole, NND. Br. Wtr & Oil.
Down past 24 hrs for rig repairs.

1/14 BRIDGES STATE #168
(15) 4319 drlg 1m 7-7/8" hole, NND. Br. Wtr & Oil.

1/15 BRIDGES STATE #168
(16) 4502 drlg 1m 7-7/8" hole, NND. Br. Wtr & Oil.

1/17 (18) 4645 drlg 1m 7-7/8" hole, 3/4° 4580. 10.3-38-NC, 4% oil.

1/18 BRIDGES STATE #168
(19) 4666 ND 1m 7-7/8" hole, NND. 10.4-53-8.8, 5% oil.
Stuck DP, worked 3 hrs, spotted 70 bbls oil, worked stuck pipe 12 additional hrs, Dia Log ran free pt indicator, DP stuck @ 1500', prep to spot oil.

1/19 BRIDGES STATE #168
(20) 4666 ND 1m 7-7/8" hole, NND. 10.4-53-8.0, 6% oil.
Spot 100 bbls oil around DP, worked stuck pipe 8 hrs w/ no success, Homco ran string shot, backed off DP @ 1241, prep to wash over stuck pipe.

1/20 BRIDGES STATE #168
(21) 4666 ND, 1m, 7-7/8" hole, NND. 10.4-52-8.0, 6% oil.
Ran 7-3/8" o.d. WP, washed over fish from 1241-1361, circ 6½ hrs, POH w/ WP, ran DP to screw into fish, stopped @ 1229, POH, rerun WP, WO fish from 1241-1493, circ 2½ hrs, POH, prep to run DP to screw into fish.

1/21 BRIDGES STATE #168
(22) 4666 ND, 1m 7-7/8" hole, NND. 10.4-53-8.0, 6% oil.
Ran DP to 1241, unable to screw into fish, POH, ran overshot to 1241, unable to catch fish, POH, ran 7-3/8" WP, WO fish from 1241-1493, circ & cond mud.

1/22 BRIDGES STATE #168
(23) 4666 ND 1m 7-7/8" hole, NND. 9.4-98-8.0, 10% oil.
Cond mud 11 hrs, POH w/ WP, ran outside cutter, attempted to cut DP @ 1274 w/ no success, ran new cutter & cut DP below tool jt box, POH w/ cut off tool jt, prep to run overshot w/ 4½" grapples.

1/24 (25) 4666 ND 1m 7-7/8" hole, fishing past 48 hrs. 9.7-58-5.4, 7% oil.
Cut DP @ 1307, POH, ran overshot w/ 4½" grapples to 1307, caught fish, Homco ran free pt indicator, DC stuck @ 4320, backed off @ 4309. POH, left bit & 12 DC's in hole, ran Howco DST tool, screwed into

Bridges State #168

fish, open DST tool, fish come loose, POH, rec all fish except 1/2 of tool jt & cutters off DP cutter, ran bit & junk bskt on DC's & DP to 4666, POH, rec part of junk, now going in hole w/ Globe junk bskt.

BRIDGES STATE #168

1/25 (26) 4666 ND 1m 7-7/8" hole, NND. 9.5-77-5.4, 7% oil.
 Repaired brakes on rig, ran 7-3/4" Globe bskt w/ cut-rite mill, milled on junk @ 4666 3 1/2 hrs, POH, rec 2 1/2 core + approx 1 pint of junk, prep to run bit & junk bskt.

BRIDGES STATE #168

1/26 (27) 4750 drlg 1m 7-7/8" hole, NND. 9.5-73-5.4, 7% oil.

BRIDGES STATE #168

1/27 (28) 4754 ND 1m 7-7/8" hole, NND. 9.5-73-5.4, 6% oil.
 POH w/ bit, ran new bit & junk bskt drilled 4750-51, bit locked, POH w/ bit & junk bskt, rec some junk, ran new bit, drilled from 4751-4754 3', bit locked, POH w/ bit & junk bskt, rec some junk, now going in hole w/ Globe bskt & cut-rite mill.

BRIDGES STATE #168

1/28 (29) 4755 ND 1m 7-7/8" hole, NND. 9.6-65-12.0, 6% oil.
 Finish going in hole w/ Globe bskt, POH, w/ bskt, rec 1 small piece of iron, ran bit & junk bskt, drilled 4754-55, 1" bit locked, POH, now going in hole w/ mag bskt.

BRIDGES STATE #168

1/29 (30) 4800 TD 1m, 7-7/8" hole, 1/2 @ 4800, 9.8-66-6.2, 5% oil.
 finish running magnetic bskt to 4755, POH, rec 2 small pieces of junk, ran new bit, drld from 4755-4800, circ 2 hrs, POH, Schl attempted to run OH logs, stopped @ 1297, now GIH w/ bit.

1/31 4800 TD 1m, WOC 5 1/2 csg, finish GIH, circ 2 hrs, P & LD DP & DC's, ran 130 jts 5 1/2 OD 15.50# J-55 ST&C used csg, cmtd on bottom @ 4800 by Howco w/ 1350x TILW containing 7 1/2# salt/x + 200x Class C Neat cmt, PD @ 2:45 a.m. 1/30/72, cmt did not circ, set slips, cut off csg, Rel Bandera Drlg Co rig @ 6:00 a.m. 1/30/72, prep to MOT, WOC 8 hrs, Worth Well ran Temp Survey, top of cmt @ 875.

BRIDGES STATE #168, 4800 TD.

2/1 MOT, MIRU DA&S Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5 1/2 csg scraper on 2-3/8 tbg to 4762, test csg to 1500#/ok, displ hole w/ lse oil, spot 500 gals 15% NE acid on bottom, POH w/ 20 jts of tbg, SD for nite.

BRIDGES STATE #168, 4800 TD.

2/2 Finish POH, Schl ran GR-N-Collar-Corr log from 4300-4762, then perf 5 1/2 csg in the SA @ 4507; 4517-25; 4539-43; 4551-52; 4557-63; 4572-73; 4578-82; & 4585-4587 w/ 1 JSPF, total of 34 holes, ran Baker Model R pkr on 2-3/8 tbg set @ 4095, Western Co displ acid into form, TTP 2000-2700, AIR 1.2 BPM, ISIP 2400, 5 min 900, 12 min on vac, reset pkr @ 4440, S 12 BLO/1 hr, 1000' FIH, SD for nite.
 - 6 BLO + 12 BAW.

BRIDGES STATE #168, 4800 TD

- 2/3 SI 14 hrs, TP 15#, 300' FIH, sw 2 BLO in 1 hr, sw dry 3 hrs, Western Co acidized perfs 4507-4587 w/ 6000 gals 15% NE acid containing 5# FR/1000 gals, used 35 RCNB, TTP 3000-3750#, AIR 6.8 BPM, ISIP 2650#, 5 min 1750#, 16 min on vac, job compl 1:45 p.m. 2-2-72, sw 23 BLO + 3 BAW/ 3 hrs, 1 hr sw 3 bbls, S/O 80% oil, 600' scattered fluid in hole, sl sh of gas. -2 BLO + 153 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/4 S 2 BLO/1½ hrs, 50' FIH, sl sh of gas, POH w/ tbg & pkr, ran 2-3/8 tbg, OP to 4751, T. Perfs 4718-21, SN @ 4717, 10 jts of tbg, Guib AC set @ 4456 w/ 19,000# T, 139 jts 2-3/8 tbg, inst'l wellhead, now running pump & rods. - 105 BLO + 153 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/5 Finish running pump & rods, spaced out, clamped off, RD, Rel unit & Rel well to Prod @ 10:30 a.m. 2/4/72. - 105 BLO + 153 BAW.
- 2/7 Set PU & POP. P 59 BLO + 7 BAW/39 hrs. - 26 BLO + 146 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/8 P 12 BLO + 1 BAW/24 hrs (267' FIH). - 34 BLO + 145 BAW.
(Corr LO).
- BRIDGES STATE #168, 4800 TD.
- 2/9 P 2 BLO + 1 BAW/24 hrs. - 32 BLO + 144 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/10 P 2 BLO + 0 BAW/24 hrs. - 30 BLO + 144 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/11 P 12 BLO + 1 BLW/24 hrs. - 18 BLO + 143 BLW.
- BRIDGES STATE #168, 4800 TD.
- 2/14 P 14 BLO + 3 BAW/3 days. - 4 BLO + 140 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/15 P 2 BLO + 1 BAW/24 hrs. - 2 BLO + 139 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/16 P 2 BLO + 6 BNO + 4 BAW/24 hrs. - 135 BAW.
- BRIDGES STATE #168, 4800 TD.
- 2/17 P 1 BNO + 1 BAW/24 hrs. - 134 BLW.
- BRIDGES STATE #168, 4800 TD.
- 2/18 P 8 BNO + 1 BAW/24 hrs, prep to frac. - 133 BAW.
MIRU DA&S DDU, pull rods & tbg.
- BRIDGES STATE #168, 4800 TD
- 2/20 Western Co SOF San Andres perf 4507-4587 down 5½" csg w/ 12,000 gals ref oil + 36,000# 20/40 sd + 25 RCNB, treating psi 3700-4000#, AIR 10 BPM, ISIP 4000#, 15 min 3550. -566 BLO.
- 2/21 24 hr SI, csg on vac, -ran 3" sd pump, CO 4580-4620, SD for nite.
- 2/22 CO w/ sd pump 4620-4710 in 11 hrs.
- BRIDGES STATE #168, 4800 TD.
- 2/23 Finish CO frac sd 4710-4762 PBTD/8 hrs, ran 2-3/8 tbg to 4732, S 18 BLO/1 hr, SD for nite.

BRIDGES STATE #168, 4800 TD.
 2/24 S 27 BLO/5 hrs, 100' FIH, check for fill before pulling tbg,
 12' fill, ran 3½ SP & CO frac sd 4750-4762, SD for nite.

BRIDGES STATE #168, 4800 TD.
 2/25 Check fill w/ SP, CO 1' sd 4761-4762, ran 139 jts 2-3/8 tbg w/
 MA to 4751, perf 4718-4721, SN 4717, Guib AC @ 4456 w/ 20,000#
 T, NU, ran rods and pump, Rel unit and to Prod @ 12:30 p.m.
 2/24/72. - 525 BLO.

BRIDGES STATE #168, 4800 TD.
 2/26 P 47 BLO + 10 BLW/24 hrs. - 474 BLO.

2/27 P 42 BLO + 1 BLW/24 hrs. - 432 BLO + 122 BLW.

2/28 P 34 BLO + 1 BLW/24 hrs. - 398 BLO + 121 BLW.

BRIDGES STATE #168, 4800 TD.
 2/29 P 33 BLO + 1 BLW/24 hrs. - 365 BLO + 120 BLW.

BRIDGES STATE #168, 4800 TD.
 3/1 P 30 BLO + 1 BLW/24 hrs. - 335 BLO + 119 BLW.

BRIDGES STATE #168, 4800 TD.
 3/2 P 30 BLO + 1 BLW/24 hrs. - 305 BLO + 118 BLW.

BRIDGES STATE #168, 4800 TD.
 /3 P 28 BLO + 1 BLW/24 hrs. - 277 BLO + 117 BLW.

BRIDGES STATE #168, 4800 TD.
 3/6 P 77 BLO + 2 BLW/72 hrs. - 200 BLO + 115 BLW.

BRIDGES STATE #168, 4800 TD.
 3/7 P 27 BLO + 1 BLW/24 hrs. - 173 BLO + 114 BLW.

BRIDGES STATE #168, 4800 TD.
 3/8 P 25 BLO + 1 BLW/24 hrs. - 148 BLO + 113 BLW.

BRIDGES STATE #168, 4800 TD
 3/9 P 24 BLO + 0 BLW/ 24 hrs. -124 BLO + 113 BLW.

BRIDGES STATE #168, 4800 TD.
 3/10 P 24 BLO + 1 BLW/24 hrs. - 100 BLO + 112 BLW.

BRIDGES STATE #168, 4800 TD
 3/13 P 75 BLO + 2 BLW/ 3 days. -25 BLO + 110 BLW.

BRIDGES STATE #168, 4800 TD
 3/14 P 22 BLO + no wtr/ 24 hrs. -3 BLO + 110 BLW.

BRIDGES STATE #168, 4800 TD
 3/15 P 3 BLO + 20 BNO + 1 BLW/ 24 hrs. -109 BLW.

BRIDGES STATE #168, 4800 TD
 3/16 P 22 BNO + 1 BLW/ 24 hrs. -108 BLW.

BRIDGES STATE #168, 4800 TD

3/17/72 NMOCC POT: P 23 BNO + 1 BLW/ 24 hrs, 12 x 1 $\frac{1}{2}$ x 54" SMP, GOR:
POTENTIAL TSTM, gr 34.5 @ 60, allow 23 NP waterflood, cap 23, compl
2-18-72.

FINAL REPORT.