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

Form C-105
Revised 1-1-65

5a. Estimate Type of Lease	State ☒ Fee ☐
5b. State Oil & Gas Lease No.	B-1520

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Bridges State	
2. Name of Operator Mobil Oil Corporation		9. Well No. 107	
3. Address of Operator Box 633, Midland, Texas		10. Field and Pool, or Wildcat Vacuum Grayburg San Andres	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 13 TWP. 17-S RGE. 34-E		12. County Lea	
15. Date Spudded 3-11-67	16. Date T.D. Reached 3-19-67	17. Date Compl. (Ready to Prod.) 4-1-67	18. Elevations (DF, RKB, RT, GR, etc.) 4033 DF
20. Total Depth 4750	21. Plug Back T.D. 4692	22. If Multiple Compl., How Many No	23. Intervals Drilled By X
24. Producing Interval(s), of this completion — Top, Bottom, Name Vacuum Grayburg San Andres 4609-4633			25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run Schlumberger GR-S-Caliper and LL - Mobil's TV Log			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8-5/8" OD	24#	1615	12-1/4
5-1/2" OD	15.50# & 14#	4750	7-7/8
		CEMENTING RECORD	
		600 sx reg. neat w/6% Gel	
		+ 100 sx reg. neat + 2% cact.	
		1139 sx Tilw + 200 sx incor	
		neat w/2% cact.	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
		SCREEN	
		2-3/8	
30. TUBING RECORD			
SIZE		DEPTH SET	
2-3/8		4691	
		PACKER SET	
		None	
31. Perforation Record (Interval, size and number) 4609, 4610, 4618, 4621, 4626, 4627, 4632 to 4633 W/2 JSPE Per Ft., 16 Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
4609-4633		2000 Gas, 15% NE Acid + 20 RCN Ball Sealers	
33. PRODUCTION			
Date First Production 4-1-67		Production Method (Flowing, gas lift, pumping — Size and type pump) Pumping	
Date of Test 4-1-67		Well Status (Prod. or Shut-in) Producing	
Hours Tested 24	Choke Size 2" Tub	Prod'n. For Test Period 8	Oil — Bbl. 12.8
Flow Tubing Press.	Casing Pressure 32 BSW	Gas — MCF 1600 / 1	Water — Bbl. 36.2
Calculated 24-Hour Rate 8	Oil — Bbl. 12.8	Gas — MCF 32 BSW	Oil Gravity — API (Corr.) 36.2
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			
35. List of Attachments None			
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 John J. Hurt		TITLE Authorized Agent DATE April 4, 1967	

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 feet, 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 quadruplicate except on state and, 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. Albany	T. Canyon	T. Cimarron	T. Penn. "B"
T. Salt	T. Strawn	T. Kim and Randall	T. Penn. "C"
T. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Manatee	T. Madison
T. 3861	T. Silurian	T. Point Lookout	T. Elbert
T. Queen	T. Montoya	T. Mancos	T. McCracken
T. Gayburg	T. Simpson	T. Gallup	T. Ignacio Qizile
T. San Andres	T. McKee	T. Base Greenhorn	T. Granite
T. Gortia	T. Miltenburger	T. Dakota	T. T.
T. Padlock	T. Gr. Wash	T. Morrison	T. T.
T. Minebry	T. Granite	T. Tootito	T. T.
T. Tabb	T. Delaware Sand	T. Rutledge	T. T.
T. Dinkard	T. Bone Springs	T. Wingate	T. T.
T. Apo	T. Rustler	T. Chinle	T. T.
T. Wolfcamp	T. Permian	T. Perm. "A"	T. T.
T. Penn.	T. Casco (Bough C)		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1615	1615		Caliche, Sand Red Bed				
2334	2334		Anhydrite & Salt				
3960	3960		Anhydrite				
4310	4310		Anhydrite to Gypsum				
4750	4750		Lime & Dolomite TD				

MIDLAND E & P DIVISION

DAILY DRILLING REPORT SUMMARY - 3/11/67

Lease Name: Bridges State COM# No: _____ Well No: 107
 Type Well: Fluid Injection Foremen's Area: Buckeye
 Elev: 4033 DF Field: _____
 Location of Well: 1920' FNL & 660' FW Line
 Unit or Block: E Sec: 13 Twp: 17-S Rge: 34E
 Survey: _____ County: Lea State: N.M.
 Spudded: _____ Completed (Reached T.D.): _____
 Completion Date (Last time work was done on Well Bore): _____
 Potential Date: _____ T.D.: _____ PBTD: _____

XX

BRIDGES STATE #107, 1980 FNL & 660 FWL Sec 13, T-17-S, R-34-E, Lea Co, NM.

OBJECTIVE: Drill and complete as WIW. DV #1563. Est Cost \$54,000 - 100% Mobil.

3/8/67 WO rig - Leatherwood Drlg Co.

BRIDGES STATE #107
 Will MIR today.

3/9

BRIDGES STATE #107
 MIRT. Prep to rig up.

3/10

BRIDGES STATE #107
 100% rigged up, prep to spud.

3/11

(2) 1615 MD anhy, 12 $\frac{1}{2}$ " hole, 1 $\frac{1}{2}$ " @ 1600. S mud.
 WOC 8-5/8 csg 24" J-55 ST&C - cemented on bottom by Howco w/ 600x reg
 Neat w/ 6% gel + 100x reg Neat, all cement contained 2% CaCl₂, PD @
 4:00 a.m. 3/13/67. Cement circ. Leatherwood Drlg Co spudded in
 10:00 a.m. 3/11/67, Drillprodeo ran Volume Meter @ 1550.

BRIDGES STATE #107

3/14

(3) 2334 drlg anhy & salt, 7-7/8" hole, 1 $\frac{1}{2}$ " @ 2200. Br wtr.
 Tested 8-5/8" csg w/ 800#/ok. WOC total 12 hrs.

BRIDGES STATE #107

3/15

(4) 3140 drlg anhy, 7-7/8" hole, 1 $\frac{1}{2}$ " @ 3030. Br wtr.

BRIDGES STATE #107

3/16

(5) 3585 drlg anhy, 7-7/8" hole, 1 $\frac{1}{2}$ " @ 3520. Br wtr.

BRIDGES STATE #107

3/17

(6) 3960 drlg anhy & gyp, 7-7/8" hole, 1 $\frac{1}{2}$ " @ 3899. Br wtr.

BRIDGES STATE #107

3/18

(7) 4310 drlg anhy & dolo, 7-7/8" hole, 3/4" @ 4286. Br wtr.

3/20

(9) 4750 TD, dolo, 7-7/8" hole, 1 $\frac{1}{2}$ " @ 4645. 10.1-38-8.4.
 Circ past 2 hrs to run OH logs.

4/1

P 63 BLO + 2 BNO + 58 BSW/24 hrs.

4/3/67

OCC Pot Test: P 3 BNO + 32 BSW/24 hrs, GOR 1600/1, Grav 36.2 @ 60.
 Allow 8 BOPD, Top Field Allow 48 BOPD.
 Completed 3/25/67. Vacuum Grayburg San Andres Fld, Lea Co, N.M.
 FINAL REPORT.

- BRIDGES STATE #107
- 3/21 4750 TD dolo, 7-7/8" hole. 10.1-38-8.4.
Schl ran GR-3-Caliper & LL from 1600 to 4753, Schl meas then ran Mobil's TV log from 2700 to TD in total of 15½ hrs, ran bit to bottom, circ 1½ hrs, layed down DP & DC's, now running 5½ csg.
- BRIDGES STATE #107
- 3/22 4750 TD. WOC 5½ csg, ran 23 jts 15.50# + 112 jts 14# 5½ OD J-55 ST&C
csg, cemented on bottom @ 4750 by Howco w/ 1139x TLLW + 200x Incor Neat
w/ 2% CaCl, PD @ 11:00 a.m. 3/21/67, cement cir, nipple up 5½ csg.
Rel Leatherwood Drig Co rig @ 2:00 p.m. 3/21/67, prep to move out tools,
WOC past 17 hrs.
- BRIDGES STATE #107
- 3/23 4750 TD - WOC past 41 hrs, MORT, instl unit anchors. prep to complete.
- BRIDGES STATE #107
- 3/25 4750 TD, MIRU Baker Well Serv. DD Unit, inst. BOP, ran 4-3/8" bit, 5½
cas scraper on 2-7/8" tbg to 4692. PBTD, tested csg 1500#/ok. Picked
up on tbg, broke 38' from top, ran 4-7/8" OS, caught fish, displace wtr
w/oil, pulled tbg & bit, Welox ran GR-Collar Core log, from 4193 to
4993, then perf 5½" csg in the San Andres @ 4609, 4610, 4618, 4621, 4626,
4627, 4632, & 4633 w/ 2JSPE total, 16 holes, ran Howco RITS pkr on
2-7/8" tbg to 4635', Runco Acidizing Co. wash perfs w/acid then set
pkr @ 4573' acidize perfs w/2000 gal 15% NE acid using 20RCN ball
sealers, BDTP 3600# TTP 2500-3600# rate 2.7 BPM, ISIP, 2900# 5 min SIP
600#, job comp @ 1:35 PM, 3-24-67, then sw 27 BLO + 48 BAW + 10 BNO in 4
hrs, L hr sw 5 Bbls S/O 30% water SD for 12 hrs, TP 70# 1700' FIH prep
to sw test.
- 3/27 4750 TD, 4692 PBTD, S.A. Perfs (4609-4633)
Swab 12 BNO + 68 BFW in 12 hrs, L hr sw 1 BNO + 2 BFW, 600' FIH, SI 12
hrs, TP 40# 200' FIH, sw 2 BNO + 10 BFW 1 hr, 500' FIH, pulled & LD 2-7/8"
tbg & pkr, ran 2-3/8" 10V thread tbg to 4691', T perfs 4658-62, SN @
4657', ran rods & pump, rig down & released Baker Well Serv unit @ 6:00
PM 3-26-67, released to prod to install Pumping Unit.
Lack 87 BLO to rec.
- BRIDGES STATE #107, 4750 TD, 4692 PBTD, SA perfs (4609-4633).
- 3/28 Installing pumping unit.
- BRIDGES STATE #107, 4750 TD, 4692 PBTD, SA perfs (4609-4633)
- 3/29 No ret.
- BRIDGES STATE #107, 4750 TD, 4692 PBTD, SA perfs (4609-4633)
- 3/30 Setting pumping unit.
- BRIDGES STATE #107, 4750 TD, 4692 PBTD, SA perfs (4609-4633).
- 3/31 P 24 BLO + 6 BSW 9 hrs. Short 63 BLO.
- BRIDGES STATE #107, 4750 TD, 4692 PBTD.
- 4/1 P 63 BLO + 2 BNO + 58 BSW/24 hrs.
- 4/3/67 OCC Pot Test: P 8 BNO + 32 BSW/24 hrs, GOR 1600/1, Grav 36.2 @ 60.
Allow 3 BOPD, Top Field Allow 48 BOPD.
Completed 3/25/67. Vacuum Grabbing San Andres Fld, Lea Co, N.M.
FINAL REPORT.