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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 ☒ N.M.	Fee ☐
5. 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. 123	
3. Address of Operator Box 633, Midland, Texas		10. Field and Pool, or Wildcat Lower North Vacuum Wolfcamp	
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 34 TWP. 16-S RGE. 34-E NMPM		12. County Lea	
15. Date Spudded 6-20-67	16. Date T.D. Reached 7-31-67	17. Date Compl. (Ready to Prod.) 8-9-67	18. Elevations (DF, RKB, RT, GR, etc.) 4068.1 Gr.
19. Elev. Casinghead	20. Total Depth 10851		
21. Plug Back T.D. 10802	22. If Multiple Compl., How Many --	23. Intervals Drilled By X	24. Producing Interval(s), of this completion -- Top, Bottom, Name North Vacuum Lower Wolfcamp 10,685 - 10,734
25. Was Directional Survey Made Yes			26. Type Electric and Other Logs Run PGAC - Gr Acoustic - N - Caliper and IES Logs
27. Was Well Cored No			28. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
10-3/4" OD	32.75#	440	15"
7-5/8" OD	26.40#	5038	9-7/8"
CEMENTING RECORD		AMOUNT PULLED	
315 sks incor + 2% CaCl		1935 sks incor + 4% Gel + 100 sks incor neat	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
5-1/2" OD	4853	10850	900 sks
31. Perforation Record (Interval, size and number) North Vacuum Lower Wolfcamp 10,685, 686, 687, 688, 10,711, 712, 713, 714 715, 716, 731, 732, 733, and 10,734 w/1 JSPF Total 14 Holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 10,685-10,734 AMOUNT AND KIND MATERIAL USED BJ Service acidized w/3000 gal 15% acid using 20 RCN ball sealers	
33. PRODUCTION			
Date First Production 8-9-67	Production Method (Flowing, gas lift, pumping -- Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing
Date of Test 8-11-67	Hours Tested 24	Choke Size 24/64"	Prod'n. For Test Period 528
Flow Tubing Press. 700#	Casing Pressure	Calculated 24-Hour Rate	Oil -- Bbl. 792
Gas -- MCF 0		Water -- Bbl. 1500/1	Gas -- Oil Ratio 41
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Co.			Test Witnessed By H. R. Elledge
35. List of Attachments I-Summary of Operation			
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. Hurd		TITLE Authorized Agent	
DATE 8-16-67			

INSTRUCTIONS

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 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atocha	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todillo	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	9858	T. Chinle	T. T.
T. Penn.	T. T.	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn. "A"	T. T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	440	440	Caliche, Sand Red Bed				
440	1627	1627	ND Anhydrite				
1627	2526	2526	Anhy. & Salt				
2526	3285	3285	Anhy.				
3285	4200	4200	Anhy. & Lime				
4200	4760	4760	Dolo				
4760	5038	5038	Lime and Chert				
5038	6776	6776	Lime				
6776	7676	7676	Lime & Chert				
7676	8822	8822	Lime				
8822	10116	10116	Lime				
10116	10851	10851	TD				
			Lm. and Shale				

MIDLAND E & P DIVISION
DAILY DRILLING REPORT SUMMARY

4817 1-5 AM '67

Lease Name: Bridges State COMA No: 4-10-1 Well No: 123
Type Well: Development - Oil Foremen's Area: Back
Elev: 1162' Bp Field: Vacuum North
Location of Well: 660' FSL & 1980' FEL
Unit or Block: C Sec: 34 Twp: 16 Rge: 24E
Survey: _____ County: Lea State: N.M.
Spudded: 6-19-67 Completed (Reached T.D.): 7-31-67
Completion Date (Last time work was done on Well Bore): 7-4-67
Potential Date: 2-11-67 T.D.: 16251 PBTD: 15200

XX

BRIDGES STATE #123, 660' FSL & 1980' FEL Sec 34, T-16-S, R-34-E,
Vacuum North fld, Lea Co, N.M. OBJECTIVE: Wolfcamp development.
AFE 4417/2026, Mobil Intr 100% - Est Cost \$ 178,600.

6/19/67 Bldg loc - Marcum Drlg Co will start MIT today.

BRIDGES STATE #123

6/20 MIRU RT - will spud today.

BRIDGES STATE #123

6/21 (1) 440 NO red bed, 15" hole, 1° @ 440. S. Mud.
WOC on 440' of 32.75" 1140 ST&C 10-3/4 OD csg, cemented on bottom by
Howco w/ 315x Incor Neat cement w/ 2% CaCl. PD @ 3:30 p.m. 6/20/67.
Marcum Drlg Co spudded in @ 9:00 a.m. 6/20/67.

BRIDGES STATE #123

6/22 (2) 2526 drlg salt & anhy, 9-7/8" hole, 1/2 @ 2000, Br wtr.
WOC total 18 hrs, tested BOP's & 10-3/4 csg w/ 800#/30 min/ok.

BRIDGES STATE #123

6/23 (3) 3285 drlg anhy, 9-7/8" hole, 3/4 @ 2820. Br wtr & oil.

BRIDGES STATE #123

6/24 (4) 3682 drlg anhy, 9-7/8" hole, 1 1/4 @ 3300. Br wtr & oil.

6/26 (6) 4200 drlg anhy & lm, 9-7/8" hole, 1° @ 4130. Br wtr & oil.

BRIDGES STATE #123

6/27 (7) 4456 drlg dolo, 9-7/8" hole. NND. Br wtr & oil.

BRIDGES STATE #123

6/28 (8) 4590 drlg dolo, 9-7/8" hole, 1 1/4 @ 4490. Br wtr & oil.

BRIDGES STATE #123

6/29 (9) 4760 drlg dolo, 9-7/8" hole, 1 1/4 @ 4700. Br wtr & oil.

BRIDGES STATE #123

6/30 (10) 4882 drlg lm & ch, 9-7/8" hole, 1/2 @ 4810. Br wtr & oil.

BRIDGES STATE #123

7/1 ✓ (11) 5020 drlg lm & ch, 9-7/8" hole, $\frac{1}{2}$ @ 4810. Fr wtr & oil, 3% oil.

7/3 ✓ (13) 5038 ND. WOC on 5038 7-5/8" J-55 26.40# ST&C csg, cem @ 5038 by Hallib w/ 1935x Incor 4% gel + 100x Incor Neat, PD 11 p.m. 7/2/67, cem circ, PGAC ran Acoustic-GR-Cal & LL to 503 1/2 hrs.

BRIDGES STATE #123

7/4 ✓ (14) 5142 drlg lm, 6-3/4" hole. Fr wtr.
WOC a total 24 hrs, tested csg & BOP 2000#/30 min/ok.

7/5 ✓ (15) 5408 drlg lm, 6-3/4" hole, 3/4 @ 5400. Fr wtr.

BRIDGES STATE #123

7/6 ✓ (16) 5674 drlg lm, 6-3/4" hole, 1 1/4 @ 5585. Fr wtr.

BRIDGES STATE #123

7/7 ✓ (17) 6023 drlg lm, 6-3/4" hole, $\frac{1}{2}$ @ 5830. Fr wtr.

BRIDGES STATE #123

7/8 ✓ (18) 6333 drlg lm - 6-3/4" hole - ND - fr wtr.

7/9 & 7/10 ✓ (20) 6776 drlg lm - 6-3/4" hole - 1° 6630 - fr wtr.

BRIDGES STATE #123

7/11 ✓ (21) 7054 drlg lm 6-3/4" hole $\frac{1}{2}$ ° 6840 - fr wtr.

BRIDGES STATE #123

7/12 ✓ (22) 7242 drlg lm 6-3/4" hole 1° 7075 - fr wtr.

BRIDGES STATE #123

7/13 ✓ (23) 7480 Drlg lm 6-3/4" hole 3/4° 7340 - fr wtr.

BRIDGES STATE #123

7/14 ✓ (24) 7676 drlg lm 6-3/4" hole 1° 7650 - fr wtr.

BRIDGES STATE #123

7/15 ✓ (25) 7915 drlg lm 6-3/4" hole NND, fr wtr.

7/17 ✓ (27) 8410 drlg lm & sh 6-3/4" hole 1° 8300, fr wtr.

BRIDGES STATE #123

7/18 ✓ (28) 8612 drlg lm 6-3/4" hole 1 1/2° 8600, fr wtr.

BRIDGES STATE #123

7/19 ✓ (29) 8822 drlg lm 6-3/4" hole NND, fr wtr.

BRIDGES STATE #123

7/20 ✓ (30) 8987 ND lm 6-3/4" hole 1° 8820, fr wtr, fishing past 4 hrs for 25 5" OD DC's.

BRIDGES STATE #123

7/21 ✓ (31) 9187 drlg lm 6-3/4" hole 1° 9150, fr wtr. 4 add hrs fishing.

BRIDGES STATE #123

7/22 ✓ (32) 9400 drlg lm, 6-3/4" hole, NND. Fr wtr.

7/24 ✓ (34) 9756 drlg lm, 6-3/4" hole, 1 1/2 @ 9700. 8.6-34-10.5.

BRIDGES STATE #123

7/25 ✓ (35) 9913 drlg lm, 6-3/4" hole, NND. 8.7-33-10.0.

BRIDGES STATE #123
7/26 ✓ (36) 10,116 drlg lm, 6-3/4" hole, NND. 8.7-33-10.7.

BRIDGES STATE #123
7/21 ✓ (37) 10,257 drlg lm & sh, 6-3/4" hole. 1-3/4 @ 10,110. 8.7-34-8.8.

BRIDGES STATE #123
7/28 ✓ (38) 10,390 drlg lm & sh, 6-3/4" hole. NND. 8.7-34-9.5.

BRIDGES STATE #123
7/29 (39) 10,560 drlg lm & sh, 6-3/4" hole, NND. 8.8-35-9.8.

7/31 ✓ (41) 10,851 TD sh, 6-3/4" hole, 1° @ 10,740. 8.9-35-10.0.
Finished hole @ 6:00 a.m., circ to run OH logs.

BRIDGES STATE #123
8/1 ✓ 10,851 TD sh, 6-3/4" hole. NND. 8.9-37-10.0.
Circ for 3 hrs, pulled bit, PGAC ran GR-Acoustic-N-Caliper & IES logs to 10,850 in 11 hrs, ran bit back to bottom, now cond hole to run liner.

BRIDGES STATE #123
8/2 ✓ 10,851 TD, circ 2 hrs, pulled DP & DC's, RU, ran 85 jts 2862' 5 1/2" OD
C-103
6-4-67 17# N-80 + 87 jts 3129' 5 1/2" OD J-55 17# liner to 10,850, indicated had hole in DP, pulled top of liner to surface, checked liner setting tool, sl indication of leak by cups on setting tool, changed out cups, now re-running liner.

BRIDGES STATE #123, 10,851 TD.
8/3 ✓ WOC 5 1/2" liner. Finish running 5 1/2" liner to 10,850, top of liner @ 4853 set w/ BWS 6-slip hanger, cemented by Howco @ 10,850 w/ 800x TILW + 100x Incor Neat, PD @ 8:30 a.m. 8/2/67, cement circ, WOC 18 hrs, ran 6-3/4 bit, drill cement off top of liner @ 4850-53, circ hole clean, tested top of liner w/ 2000#/30 min/ok, pulled & LD DP, rel Marcum Drlg Co rig @ 2:00 a.m. 8/3/67, prep to set out tools.

BRIDGES STATE #123, 10,851 TD.
8/4 ✓ MORT, inst unit anchors, prep to complete.

BRIDGES STATE #123, 10,851 TD.
8/5 ✓ MIRU Baber Well Serv DD Unit, inst BOP, ran sinker bars to 10,800, PGAC ran Acoustic GR-N-Collar log from 8000 to 10,755/4 hrs. SD for nite.

10,851 TD
8/7 ✓ Ran 4-3/4 bit & csg scraper on 2-3/8 tbg to 10,800, displ wtr w/ lease oil, pulled tbg, scraper & bit, Schl perf 5 1/2" csg in Lower Wlfc @
C-103
5. 10,685; 686; 687; 688; 10,711; 712; 713; 714; 715; 716; 731; 732; 733; & 734 w/ 1 JSPF, total 14 holes, ran Baker retriev-O-matic pkr on 2-3/8 tbg to 10,613, sw 42 BLO, csg on vacuum, reset pkr 10,600, sw 41 BLO, csg on vacuum, now pulling tbg & pkr to check for leaks.

BRIDGES STATE #123, 10,851 TD, 10,802 PETD, Lower Wlfc (10,685-10,734).
8/8 ✓ Pulled tbg & pkr, checked pkr/ok, rerun pkr on 2-3/8 tbg w/ standing valve in place, set pkr in top of liner @ 4913, pumped 50 BLO down csg, communicated back into tbg, indicates either csg leak or channel on cement job on liner.

8/9

BRIDGES STATE #123, 10,851 TD, 10,802 PSTD, L Wlfc (10,685-10,734).
Ran 5½ ret BP on 1 jt 2-3/8 tbg, then 7-5/8 pkr on 2-3/8 tbg, set
BP in 5½ liner @ 4873, set pkr in 7-5/8 csg @ 4800, pumped 57 BLO
down csg, communicated to tbg, dropped standing valve in tbg, pulled
tbg & pkr, found split joint of tbg 12 jts pkr, rerun pkr to 4800,
tested top of liner w/ 2000#/30 min/ok, ret BP, pulled BP, pkr & tbg,
rerun tbg & Baker pkr to 10,613, tested backside of pkr w/ 1500#/ok.
SD for nite, prep to swab test.

8/10

BRIDGES STATE #123, 10,851 TD, 10,802 PSTD, Lower Wlfc (10,685-10,734).
S 40 BLO + 12 BNO/4 hrs, then Fl 40 BNO/19 hrs, 1 hr Fl 8 BNO on 31/64-
ck, TP 100, S/O 23 1/2, prep to acidize w/ 3000 gals acid.

8/11

BRIDGES STATE #123, 10,851 TD, 10,802 PSTD, Lower Wlfc (10,685-10,734).
(CORRECTION TO 8/10/67 rpt: S 40 BLO + 12 BNO/4 hrs, then Fl 140 BNO/19 hrs).
Fl 24 BNO/3 hrs on 38/64 ck, TP 100, then BJ Serv acidized perfs w/
3000 gals 15% NE acid using 20 RCN ball sealers down 2-3/8 tbg, BDFP 3500,
TTP 4500-0, rate 3.5 BPM, ISIP - Vac, job compl @ 12:04 p.m. 8/10/67,
then S&F 64 BLO + 200 BNO + 46 BAW/17½ hrs, L hr Fl 17 BNO on 16/64 ck,
TP 820, S/O 96% NO + 4% AW, prep to pull rental pkr and complete.
Lack 26 BAW to rec.

8/12/67
POTENTIAL

C-104
8-14-67

BRIDGES STATE #123, 10,851 TD, 10,802 PSTD, L. Wlfc (10,685-10,734).
Fl 45 BNO/3 hrs, then kill well w/ 85 BLO, pulled tbg & Baker pkr,
ran Guib L30 pkr on 336 jts 2-3/8 OD EUE 8rd N30 tbg, set pkr @ 10,644,
SN @ 10,640, set pkr w/12,000# wt, inst'l tree, then S&F 85 BLO +
198 BNO/10 hrs on 20/64 ck, TP 700, On OCC POT TEST: Fl 132 BNO/6 hrs
(calculated 24 hr rate 523 BOPD) on 20/64 ck, GOR 1500/1, Grav 41 @ 60,
TP 700, Allowable 312 BOPD. Top Field Allow 312 BOPD. Completed 8/10/67.
Fl 34 BNO L 2 hrs. RD & Rel Baber Well Serv Unit @ 8:00 a.m. 8/12/67.
Rel well to Prod.
FINAL REPORT.