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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-1519	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
OIL WELL ☒	GAS WELL ☐	State "J"	
NEW WELL ☒	WORK OVER ☐	9. Well No.	
DEEPEN ☐	PLUG BACK ☐	7	
DIFF. RESVR. ☐	OTHER ☐	10. Field and Pool, or Wildcat	

2. Name of Operator		10. Field and Pool, or Wildcat	
Mobil Oil Corporation		Vacuum Abo No.	
3. Address of Operator			
P. O. Box 633, Midland, Texas 79701			
4. Location of Well			

UNIT LETTER J		LOCATED 1980		FEET FROM THE South		LINE AND 1780		FEET FROM	
THE East		LINE OF SEC. 22		TWP. 17-S		RGE. 34-E		NMPM	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5-25-71	6-16-71	6-24-71	4050.2	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
8800	--		X	X

24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made
8654 - 8718 Vacuum Abo, North		Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
Schl. Swm-Gr-Laterolog	

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	23#	1675	12-1/4	900 X	
5-1/2	15.5# & 17#	8800	7-7/8	3100 X	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8)	8759	--
					2-7/8)		

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
8654, 58, 61, 69, 70, 87, 92, 97, 98, 8709, 13, 15 & 8718 1-JSPF Total of 13 holes		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>8654 - 8718</td> <td>Western acidized w/10,000 gals 15% NE acid + 5#/bbl friction reducer + 13 RCNR sealers</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	8654 - 8718	Western acidized w/10,000 gals 15% NE acid + 5#/bbl friction reducer + 13 RCNR sealers
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
8654 - 8718	Western acidized w/10,000 gals 15% NE acid + 5#/bbl friction reducer + 13 RCNR sealers						

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6-21-71		2" X 1-1/4 X 10'				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-29-71	24	2" Tub.	→	48	28.0	3 A.W.	585
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
---	---	→	--	--	--	37.8	

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

35. List of Attachments
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 Authorized Agent	DATE 7/9/71
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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 drilling 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 quadruplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1602	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2868	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3846	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	4607	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	6080	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		T. Gr. Wash	T. Morrison	T.
T. Tubb	7507	T. Granite	T. Todillo	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo	8196	T. Bone Springs	T. Wingate	T.
T. Wolfcamp			T. Chinle	T.
T. Penn.			T. Permian	T.
T. Cisco (Bough C)			T. Penn. "A"	T.

From	0	500	Caliche & Red Bed
	500	1380	Red Bed
	1380	1675	Red Bed & Anhy
	1675	3260	Anhy & Salt
	3260	3380	Anhy
	3380	3564	Anhy & Lime
	3564	3658	Anhy
	3658	8800	Lime
Thickness in Feet	TD		
To	500		
From			
To			
Thickness in Feet			
Formation			

RECEIVED
JUL 12 1971
OIL CONSERVATION DIST.
HOUSTON, TEXAS

OIL CONSERVATION CO. INC.

DAILY DRILLING REPORT

State "J" #7

STATE "J" #7, 1980' FSL & 1780' FEL Sec 22, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo producer. AFE 1115 - Mobil Intr 100% - Est Cost \$114,000.

5/25/71 Marcum Drlg Co MIT 50%.

STATE "J" #7

5/26 (1) 1340 drlg anhy & red bed, 12½" hole. Native Mud.
½ @ 1021, Marcum Drlg Co spud @ 7:30 p.m. 5/25/71.

STATE "J" #7

5/27 (2) 1675 ND anhy, WOC on 8-5/8 csg, ran 42 jts 1675' 8-5/8 OD 23.0# L. D. Foster csg, cemented on bottom by Dowell @ 1675 w/ 700x Class H 8% gel cement + 200x Class H Neat, all cement contained 2% CaCl, PD @ 8:00 p.m. 5/26/71, cement circ, WOC.

STATE "J" #7

5/28 (3) 2925 drlg salt & anhy, 7-7/8" hole, Br Wtr.
1¼ @ 2708, WOC total 18 hrs, test csg & BOP w/ 1000#/ok.

STATE "J" #7

5/29 (4) 3260 ND running OH logs, anhy, 7-7/8" hole. Br Wtr.
1-3/4 @ 3260, Schl running logs past 9-3/4 hrs.

5/31 (6) 4100 drlg lm, 7-7/8" hole, ½ @ 3950. Br Wtr.
Schl ran SNP-N, Density & Lateralog 1450-3257 in total 12½ hrs.

6/1 (7) 4514 drlg lm, 7-7/8" hole, NND. Br Wtr.

STATE "J" #7

6/2 (8) 4783 drlg lm, 7-7/8" hole, 1° @ 4506. Br Wtr.

STATE "J" #7

6/3 (9) 5093 drlg lm, 7-7/8" hole, 1° @ 4780. Br Wtr.

STATE "J" #7

6/4 (10) 5655 drlg lm, 7-7/8" hole, 1-3/4 @ 5093. Br Wtr.

STATE "J" #7

6/5 (11) 6115 drlg lm 7-7/8" hole, Br. Wtr.
1¼° 5800.

6/7 (13) 6800 drlg lm 7-7/8" hole, Br. Wtr.
2¼° 6710.

STATE "J" #7

6/8 (14) 7068 drlg lm 7-7/8" hole, 1/2° 7010. Br. Wtr.

STATE "J" #7

6/9 (15) 7410 drlg lm 7-7/8" hole, NND. Br. Wtr.

6/10 STATE "J" #7
(16) 7568 drlg lm 7-7/8" hole, Br. Wtr.
1 1/4" 7420.

6/11 STATE "J" #7
(17) 7809 drlg lm 7-7/8" hole, NND. Br. Wtr.

6/12 STATE "J" #7
(18) 7972 drlg lm 7-7/8" hole, Br. Wtr.
3/4" 7880.

6/14 (20) 8395 drlg lm 7-7/8" hole, Br. Wtr.
1" 8250.

6/15 STATE "J" #7
(21) 8593 drlg lm 7-7/8" hole, NND. 10.2-32-NC.

6/16 STATE "J" #7
(22) 8745 drlg lm 7-7/8" hole, NND. 10.2-40-16.0.

6/17 STATE "J" #7
(23) 8800 TD lm 7-7/8" hole, 1" 8800. 10.2-43-12.0.
Circ 3 hrs, P & LD DP & DC's, Schl running OH logs
past 4 1/2 hrs.

6/18 STATE "J" #7
8800 TD, WOC 5 1/2" csg, Schl ran SWN-GR logs 0-8804,
Schl meas & laterolog 1667-8804 in 5 1/2 additional hrs,
ran 272 jts 8800 17.0# & 15.50# N-80 & J-55 ST&C & LT&C
5 1/2" O.D. csg, 2021 17.0# on bottom, cemented on bottom
by Dowell w/ 2900 sx TLLW w/ 1/4# flocele in 1st 2000
sx + 200 sx Incor neat cement, PD @ 8:00 p.m. 6-17-71,
cement did not circ, rig down, rel Marcum Drlg Co rig
@ 11:00 p.m. 6-17-71, WOC 8 hrs, Worthwell ran temp
survey, top of cement @ 2340, prep to MO rig.

6/19 STATE "J" #7, 8800 TD.
MOT, Inst'l unit anchors, prep to MI unit to compl.

6/20 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 8764, SD for nite.

6/21 Test csg to 1500#/ok, displ wtr w/ lse oil, spot 500 gals
15% NE acid on bottom, POH w/ tbg & bit, Schl ran GR-Collar-
Corr log 8300-8767, then perf 5 1/2 csg in the Abo @ 8654; 58;
61; 69; 70; 87; 92; 97; 98; 8709; 13; 15; & 8718 w/ 1 JSPF,
total 13 holes, ran Baker Model R pkr on 2-3/8 tbg, set @
8000, Western Co displ acid into form, BDTP 3850, TTP 3900-
4600, AIR 2.8 BPM, ISIP 3850, 10 min 2600, reset pkr @ 8581,
S 16 BLO/2 hrs, 2600' FIH, NS of gas, SD for nite.
- 21 BLO + 12 BAW.

STATE "J" #7, 8800 TD.

6/22 S & F 11 BLO/2 hrs, Western Co acidized perms w/ 10,000 gals 15% NE acid containing 5#/bbl friction reducer used 13 RCNB sealers, TTP 4300-5000, AIR 5.0 BPM, ISIP 4200, 10 min 4150, job compl 10:50 a.m. 6/21/71, S 47 BLO + 44 BNO + 47 BAW/13½ hrs, L hr S 7 bbls, S/O 10% AW, 2100' FIH, gd sh of gas, cont to sw test. - 205 BAW.

STATE "J" #7, 8800 TD.

6/23 S 81 BNO + 25 BAW/24 hrs, down for unit repair/8 hrs, L hr S 11 BF, S/O 25% AW, 2000' FIH, gd sh gas, prep POP. - 205 BAW.

STATE "J" #7, 8800 TD.

6/24 POH w/ tbg & pkr, ran 2-3/8 prod tbg, OP to 8759, TP 8725-29, SN 8724, Baker anchor 8593 w/ 12,000# T, 2-7/8 tbg @ 1744, SD for nite.

STATE "J" #7, 8800 TD.

6/25 Ran pump on 193 - 3/4 and 78 - 7/8 and 68 - 1" rods, hung well on pump, started pumping, SD for nite.
- 170 BLO + 180 BAW.

STATE "J" #7, 8800 TD.

6/28 P 170 BLO + 61 BNO + 58 BAW/62 hrs. - 122 BAW.

STATE "J" #7, 8800 TD.

6/29 P 52 BNO + 3 BAW/24 hrs. - 119 BAW.

STATE "J" #7, 8800 TD.

6/30/71 NM OCC POT: P 48 BNO + 3 BAW/24 hrs, 11 x 1¼ x 120 SPM,
POTENTIAL GOR 585/1, Grav 37.8 @ 60, Allow 48 nonprorated, Top 382,
Cap 48, Compl 6/21/71.
FINAL REPORT.