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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						7. Unit Agreement Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						8. Farm or Lease Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						North Vacuum Abo Unit	
2. Name of Operator						9. Well No.	
Mobil Oil Corporation						225	
3. Address of Operator						10. Field and Pool, or Wildcat	
Suite 800, Three Greenway Plaza East, Houston, Tx 77046						North Vacuum Abo	
4. Location of Well						12. County	
UNIT LETTER <u>I</u> LOCATED <u>2121</u> FEET FROM THE <u>South</u> LINE AND <u>519</u> FEET FROM						Lea	
THE <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>17-S</u> RGE. <u>34-E</u> 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			
7-17-76	8-4-76	8-18-76	4036 GR	-			
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools		
8700	8662	-	→	X			
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
8545-8595 Vacuum Abo, North						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Schl. SNP GR Caliper-GR-Collar						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	40#	255'	17-1/2	400x Class "H" (circ)		-	
8-5/8	24.#	3050'	11	1600x (circ)			
5-1/2	15.5# & 17#	8700'	7-7/8	1800x (circ)			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-7/8	8642	-
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
8545, 8546, 8551, 8552, 8553, 8574-8595				DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8545-8595 1-JSPF Total of 27 shots Knox Service acidized perfs w/10,000 gals 15% NE HCL used 40 RCNB sealers			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8-12-76		Pumping				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-23-76	24	2-7/8 tbg	→	310	365.8	0	1180
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.)						Test Witnessed By	
Sold to Phillips Petroleum Co.						R. H. Cummins	
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 <u>[Signature]</u>				TITLE <u>Authorized Agent</u>		DATE <u>8-25-76</u>	

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 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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1652	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Salt	1762	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Salt	2740	T. Atoka	T. Pictured Cliffs	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Yates	2895	T. Miss	T. Cliff House	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. 7 Rivers	3888	T. Devonian	T. Menefee	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Queen	4654	T. Silurian	T. Point Lookout	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Grayburg	6052	T. Montoya	T. Mancos	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. San Andres	7394	T. Simpson	T. Gallup	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Giorola	8078	T. McKee	T. Base Greenhorn	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Drinkard		T. Ellenburger	T. Dakota	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Abo		T. Delaware Sand	T. Entrada	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Wolfcamp		T. Bone Springs	T. Wingate	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Penn.		T. Chinle	T. Permian	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Cisco (Bough C)		T. Permian	T. Penn. "A"	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Padlock	T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Entrada	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
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DAILY DRILLING REPORT

North Vacuum Abo Unit #225

NO. VACUUM ABO UT #225
No. Vacuum Abo Fld
Lea Co, NM
PD 8700 Abo

Warton Drlg Co Rig #5
Spud 7/17/76
12-3/4 csg @ 255

7/17/76

2121' FSL & 519' FEL Sec 11, T17S, R34E, Lea Co, NM.
Warton Drlg Co MIR 7/16/76, 80% RU.

7/18/76

(1) 255 ND red bed, WOC 12-3/4 csg, 17 1/2 hole, S. Mud.
1/4 @ 220, Warton Drlg Co spudded 8 PM 7/17/76, ran 9 jts
255' 12-3/4 OD 40.0# 8rd ST&C csg, Dowell cmtd csg on
bottom @ 255 w/ 400x Class H cmt w/ 2% CaCl, PD @
3:30 AM 7/18/76, cmt circ, WOC.

7/19/76

(2) 955 drlg red bed, 11" hole, 1/4 @ 684, Native Mud.
WOC 18 hrs, test csg 500#/15 min/ok.

7/22/76

(5) 3050 ND, WOC, 8-5/8csg, finish hole @ 8 AM 7/21/76
circ 1 1/2 hrs, POH, LD DC's, ran 74 jts 3050' 8-5/8 OD
24.0# S80 & K55 8rd ST&C csg, Dowell cmtd csg on
bottom @ 3050 w/ 1400x TILW containing 7 1/2# salt/x +
200x Class C Neat cmt w/ 2.6# salt/x, PD @ 10:15 PM,
7/21/76, cmt circ, WOC.

7/23/76

(6) 3250 drlg 1m & anhy, 7-7/8 hole, NND. Fr Wtr.
WOC 18 hrs, press test BOP's & csg, 1000 psi/30 min/ok.

8/5/76

(14) 8700 TD 1m, 7-7/8 hole, NND, 9.0-36-21.
finish hole 9:45 PM 8/4/76, mud up @ 8500, circ & cond

8/6/76

8700 TD ND 1m, 7-7/8 hole, 9.2-36-12.
3/4 @ 8700, circ 1/2 hrs, LD DP & DC's, Schl ran
SNP GR Caliper log surf-8705/6 hrs, ran 230 jts 5 1/2
17 & 15.5# K55 LT&C 5750' 17# on bottom, Dowell cmt.

8/7/76

8700 TD 1m, WOC 5 1/2 csg, Dowell cmt 5 1/2 on bottom @
8700 w/ 1600x TL wtr + 1/4# Cello/x, 1st 1000x tailed
in w/ 200x C Neat, PD 8:25 AM 8/6/76, cmt circ, ND,
rel. Warton Drlg Co 12:30 PM 8/6/76.

8/11/76

8700 TD.
MIRU Eunice DD unit 8/10/76, instl BOP's, PU 4-3/4 bit
& 5 1/2 csg scraper + 277 jts 2-7/8 tbg to 8662, displ
wtr to oil, SDFN.

8/12/76

8700 TD, 8662 PBTD.
Knox Serv spot 500 gals @ 8600, POH, McCullough
ran GR-Coll log 8000-8662, perf Abo w/ 1 JSPF,
8545; 8546; 8551; 8552; 8553; 8574-8595, total 50'
overall 27 shots, ran Baker Model R on 2-7/8 tbg
set @ 8000, displ acid, TTP 3800-4200 @ 1 BPM, ISIP
3900, 15 min 1000, moved pkr to 8500, S 40 BLO/1 1/2 hrs,
3700' FIH, SDFN.

8/13/76

8700 TD, 8662 PBTD, Abo 8545-8595.
S & F 15 BLO + 50 BNO + 10 BAW/3 1/2 hrs, 5000' FIH,
Knox Serv acidized Abo perfs 8545-95 w/ 10,000 gals
15% NE HCl + 5# fr reducer/1000 gals + 40 RCNBS,
TTP 3500-4300 @ 4.6 BPM, ISIP 3600, 15 min 2000,
S&F 55 BLO + 30 BNO + 55 BAW/6 hrs, last hr fl 20
bbls, S/O 70% oil, TP 100 on open valve, SDFN.

8/17/76

8700 TD, 8662 PBTD, Abo 8545-8595.
POH w/ tbg, ran 2-7/8 tbg OP MA @ 8642, perfs 8608,
SN @ 8607, TA @ 8522 w/ 15,000# T,

8/24/76

8700 TD, 8662 PBTD, Abo 8545-8595.
NM OCC POT: P 310 BNO + 0 BW/24 hrs, 8-1 1/2x144" SPM,
GOR 1180/T, Grav 37.6 @ 60, Allow 310 (NP), TA 355,
Cap 310, Compl 8/18/76.
FINAL REPORT.