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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.

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name

Mary E. Love

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

2. Name of Operator
Helmerich & Payne, Inc. & Joseph J. Helmerich

3. Address of Operator
Box 548 Iraan, Texas 79744

4. Location of Well

UNIT LETTER D LOCATED 990 FEET FROM THE North LINE AND 330 FEET FROM

THE South LINE OF SEC. 6 TWP. 14S RGE. 38E NMPM

12. County
Lea

15. Date Spudded
9-26-67

16. Date T.D. Reached
11-23-67

17. Date Compl. (Ready to Prod.)

18. Elevations (DF, RKB, RT, GR, etc.)
3824 Ground Level

19. Elev. Casinghead

20. Total Depth
12,880

21. Plug Back T.D.
Surface

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools ☒ Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name

None

25. Was Directional Survey Made
Yes(drift)

26. Type Electric and Other Logs Run
Gamma-Ray, Sonic, Caliper, Dual Induction & laterlog

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	348	17	350 sks Portland, circ.	None
8-5/8	32 & 24	4659	11	700 sks top @ 2000' by survey	1212'

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION
Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____
Date of Test _____ Hours Tested _____ Choke Size _____ Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____
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 _____

35. List of Attachments

Temperature survey, three(3) drill stem tests, list of depth and drift.

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 Jack M. M... TITLE District Engineer DATE 12-8-67

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 quintuplicate 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 <u>2210</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11415</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3163</u>	T. Miss <u>11705</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>12800</u>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4618</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6140</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry <u>6805</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7400</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8045</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9350</u>	T. <u>Barnett</u> <u>11800</u>	T. Chinle _____	T. _____
T. Penn. <u>10260</u>	T. <u>Woodford</u> <u>12685</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2210	2210	sd & sh.				
2210	3163	953	Anhy & salt				
3163	4618	1455	Yates; sd, sh & anhy.				
4618	6140	1522	San Andres; dolo.				
6140	6805	665	Glorieta; sd.				
6805	7400	595	Blinebry; dolo/				
7400	8045	645	Tubb; sd.				
8045	9350	1305	Abo; sh & dolo.				
9350	10260	910	Wolfcamp; dolo, sh & lm.				
10260	11415	1155	Penn; lm & sh				
11415	11705	290	Atoka; sh & sd.				
11705	11800	95	Upper Miss.; lm & chert.				
11800	12005	205	Barnett; sh.				
12005	12685	680	Lower Miss.; lm & chert.				
12685	12800	115	Woodford; sh.				
12800	12880	80	Devonian; dolo.				