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Form C-105  
Revised 11-1-78

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.  
LG 5025

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  
Frank State  
9. Well No.  
1

2. Name of Operator  
Mesa Petroleum Co  
3. Address of Operator  
1000 Vaughn Building/Midland, Texas 79701

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10. Field and Pool, or Wildcat  
Undesignated/Abo

4. Location of Well  
UNIT LETTER I LOCATED 2130 FEET FROM THE South LINE AND 660 FEET FROM  
THE East LINE OF SEC. 7 TWP. 19S RGE. 23E NMPM

12. County  
Eddy

15. Date Spudded 1-18-79 16. Date T.D. Reached 3-9-79 17. Date Compl. (Ready to Prod.) 6-29-79 18. Elevations (DF, RKB, RT, GR, etc.) 4041/GR 4053/RKB 19. Elev. Casinghead 4041

20. Total Depth 7700' 21. Plug Back T.D. 7656 22. If Multiple Compl., How Many dual 23. Intervals Drilled By Rotary Tools Cable Tools  
A11 -

24. Producing Interval(s), of this completion - Top, Bottom, Name  
Abo 4395---4454'  
25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
DLL, RXO, CCL-CBL/VDL, CNL-FDC  
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	68	240	17-1/2	275 sx Class "C"	-
8-5/8	24	1665	11	200 sx Thix-Set/175 sx HLW/ 200 sx Class "C"	-
5-1/2	17	7700	7-7/8	800 sx 50-50 poz/300sx "H"	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7564	7548

31. Perforation Record (Interval, size and number)  
4395'---4454', 0.40" entry, 14 holes  
Perforations at 4395, 4402, 07, 16, 18, 20, 22, 24, 26, 4440, 42, 46, 50, and 4454.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4395'---4454'	A/2300 gal 19% NE-FE + N <sub>2</sub> + 28 ball sealers F/60,000 gal versagel 1400 + 60,000# 20-40 mesh sand

33. PRODUCTION

Date First Production 4-15-79 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SI

Date of Test 6-16-79 Hours Tested 1 Choke Size 15/64 Prod'n. For Test Period - Oil - Bbl. Gas - MCF 47 Water - Bbl. Gas-Oil Ratio Dry

Flow Tubing Press. 820 Casing Pressure - Calculated 24-Hour Rate - Oil - Bbl. Gas - MCF 1137 Water - Bbl. Oil Gravity - API (Corr.) -

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented  
Test Witnessed By  
J. Davis

35. List of Attachments  
C-102, BHP, Inclination Report

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 R. E. Madsen TITLE Regulatory Coordinator DATE 7-18-79

XC: TLS, MEC, JWH, JBH, FILE, NMOCD, D&M

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 sectionally drilled wells, true vertical depths shall also be reported. For multiple completion 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 _____	T. Canyon <u>5910</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>7042</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>7334</u>	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>7612</u>	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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>3363</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>4560</u>	T. <u>Morrow</u> <u>7454</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Bursum</u> <u>5672</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>4395</u> to <u>4480</u>	No. 4, from _____ to _____
No. 2, from <u>6418</u> to <u>6600</u>	No. 5, from _____ to _____
No. 3, from <u>7454</u> to <u>7620</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet
No. 4, from _____ to _____ feet	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	924		Anhydrite/Limestone				
924	3048		Limestone				
3046	3539		Limestone/Anhydrite				
3539	4420		Dolomite/Limestone				
4420	4580		Limestone				
4580	4626		Shale/Limestone				
4626	7700		Limestone/Shale/Sand				

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NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Mesa Petroleum Company ADDRESS 1000 Vaughn Bldg., Midland, TX 79701  
 FIELD \_\_\_\_\_ LEASE Frank State WELL NO. 1  
 LOCATION Section 7, T19S, R23E, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
64	1/4	2,590	1	5,490	1-1/4
200	1-1/4	2,900	1-1/4	5,513	1-1/4
240	1-1/4	3,185	3/4	5,613	1-1/4
351	1-1/2	3,490	1/4	5,710	1-1/4
400	1-1/2	3,740	1/2	5,834	1-3/4
520	2	4,040	1-1/2	5,930	1-3/4
610	1-3/4	4,180	1-1/2	6,050	1-1/4
810	1-3/4	4,255	2	6,170	1-1/4
1,038	3/4	4,348	1-3/4	6,272	1
1,084	3/4	4,400	1-1/2	6,425	1-1/2
1,210	3/4	4,490	1-1/4	6,520	1-1/2
1,360	1-1/4	4,590	1	6,614	1-1/4
1,428	1	4,700	1	6,735	1-1/2
1,524	1	4,830	1	6,850	1-3/4
1,665	3/4	4,960	3/4	6,965	1-1/2
1,748	3/4	5,120	1	7,110	1-1/2
2,020	3/4	5,307	1-1/2	7,442	1-1/4
2,310	1-1/4	5,365	1-1/4	7,665	1-3/4

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Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Dean Sims  
Signature  
The Ard Drilling Company, Inc.  
Company

STATE OF TEXAS  
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Dean Sims  
Signature  
Drilling Superintendent  
Title

Sworn and Subscribed to before me, this the 14th day of March, 19 79

Betty Thompson  
Notary Public in and for Midland County,  
Texas Betty Thompson

MY COMMISSION EXPIRES:

4-30-79