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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. K-5953

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☒ DRY ☐ OTHER ☐		7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Monsanto State
2. Name of Operator Mesa Petroleum Co.		9. Well No. 1
3. Address of Operator P. O. Box 2009, Amarillo, TX 79105		10. Field and Pool, or Wildcat Shoe Bar N, Wolfcamp
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 14 TWP. 16S RGE. 35E NMPM		12. County Lea
15. Date Spudded 11-10-74	16. Date T.D. Reached 12-27-74	17. Date Compl. (Ready to Prod.) 1-20-75
18. Elevations (DF, RKB, RT, GR, etc.) 3993 RKB, 3980 GR		19. Elev. Casinghead 3980
20. Total Depth 12,012'	21. Plug Back T.D. 11,914'	22. If Multiple Compl., How Many Applied for
23. Intervals Drilled By 0-TD		24. Producing Interval(s), of this completion -- Top, Bottom, Name 10,416' - 10,426' Wolfcamp
25. Was Directional Survey Made NO		26. Type Electric and Other Logs Run Dual Induction, Sidewall Neutron
27. Was Well Cored Yes		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	358	17 1/2	375	None
9 5/8	36	4168	12 1/2	350	None
4 1/2	10.5-11.6-13.5	12012	8 1/2	975	None

LINER RECORD					30.	TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	10,325	10,328

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
10,416 - 426	0.26" 2 JSPF Wolfcamp	4000 gals MOD 202 acid w/20	BS
11,849 - 869	0.34" 2 JSPF Morrow	3000 gal 7 1/2% MS acid w/20	BS

33. PRODUCTION							
Date First Production 1-21-75		Production Method (Flowing, gas lift, pumping -- Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 1-27-75	Hours Tested 24	Choke Size 24/64	Prod'n. For Test Period 343	Oil -- Bbl. 343	Gas -- MCF 365	Water -- Bbl. ---	Gas -- Oil Ratio 1064
Flow Tubing Press. 160	Casing Pressure pkf	Calculated 24-Hour Rate 343	Oil -- Bbl. 343	Gas -- MCF 365	Water -- Bbl. ---	Oil Gravity -- API (Corr.) 40.0	
14. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By B. Jacobs	

15. List of Attachments
DST summary, core analysis

16. 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 Michael R. Houston TITLE Production Engr. DATE Jan. 30, 1975

XC:5-NMOC, 1-Midland, 1-BM, 1-M+M, 1-Monsanto, 1-Skelly

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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11,270</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,395</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3112</u>	T. Miss <u>11,892</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3975</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4720</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6240</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7456</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8158</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9523</u>	T. Rustler <u>1894</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Tansill <u>2984</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. 3 Bros. <u>10262</u>	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1894	1894	Surface sands & Red Bed				
1894	2984	1090	Andydrate & salt				
2984	4163	1179	Anhydrite & Gyp				
4163	6240	2077	Dolomite & Anhydrite				
6240	7456	1216	Lime & shale				
7456	8158	702	Lime				
8158	10262	2104	Lime & shale				
10262	11270	1008	Lime & shale - 3 Bros.				
11270	11395	125	Lime & shale - Strawn				
11395	11892	497	Sn & Shale & lime - Atoka				
11892	12012	120	Shale				

FILED
OCT 15
OIL & GAS COMMISSION