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Form C-105
Revised 1-1-81

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State ☐	Lease ☒
5. State Oil & Gas Lease No.	-----	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____ b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. BEVLR. ☐ OTHER _____		8. Farm or Lease Name Hilburn	
2. Name of Operator Mesa Petroleum Co.		9. Well No. 1	
3. Address of Operator Box 2009 Amarillo, Texas 79105		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well		12. County Lea	
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>16S</u> RGE. <u>35E</u> NMPM			
15. Date Spudded 8-2-73	16. Date T.D. Reached 9-11-73	17. Date Compl. (Ready to Prod.) 9-28-73	18. Elevations (DE, RKB, RT, GR, etc.) GR 3967
20. Total Depth 12,015	21. Plug Back T.D. 11,620	22. Is Multiple Compl., How Many	23. Intervals Drilled by Rotary Tools All
24. Production Interval(s), of this completion - Top, Bottom, Name 11,289- 11,356- Strawn			25. Was Direction Survey Made No
26. Type Electric and Other Cables Run GR-SNP, ML, DIL			27. Was Well Cased No

29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT CEMENTED
13 3/8"	48	448	17 1/2"	450 sq. Class H & 2% cc	-
8 5/8"	36	4798	11"	400 Lb. & 200 "C" w/2% cc	-
5 1/2"	17 & 20	12,014	7 7/8"	900 sq. 50-50 pox. 8# salt	-
				2% gel, 3/4 of 1% CFR-2	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	11,233	11,233

31. Perforation Log (Interval, size and name)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,700'-706' & 11,865-870 (Morrow) 0.32" dia.	2 JSPF	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,289-294' 11,332-356'		11,700-870'	A/1500 gal. 7 1/2% & 20 ball s
11,302-308' -Strawn 0.32" diameter-2		11,289-356'	Perf'd in 200 gals. 15% mud seal
11,316-320' JSPF		11,289-356'	A/5000 gal 15% & 70 ball seal
11,324-328'			

33. Date First Production 9-28-73		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 10-5-73	Hours Tested 18	Choke Size 20/64"	Prod'n. Per Test Period	Oil - Bbl. 654	Gas - MCF 1214	Water - Bbl. -	Gas - Oil Ratio 1857
Flow Tubing (1 inch)	Casing Pressure zero - 100 psi	Calculated 24-Hour Rate	Oil - Bbl. 872	Gas - MCF 1619	Water - Bbl. -	Oil Gravity - API (C.T.) 44.2	

34. Type of Vent (Solid, used for fire, vented, etc.) Vented	35. List of Attachments Electric & Radioactive Logs, DST's on Wolfeamp & Strawn
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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>Michael P. Houston</u>	TITLE <u>Production</u> DATE <u>10-8-73</u>

INSTRUCTIONS

This form is to be filled 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 filled 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	11,275	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	11,388	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Aloka	11,942	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	11,942	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian	3993	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	4754	T. Mancos	T. McCracken
T. San Andres	T. Simpson	6282	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee		T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	
T. Minebry	T. Gr. Wash		T. Morrison	
T. Tubb	T. Granite	7515	T. Todillo	
T. Drinkard	T. Delaware Sand	8206	T. Entrada	
T. Abo	T. Bone Springs	9566	T. Wingate	
T. Wolfcamp	T. 3 Bros.	10,287	T. Chinle	
T. Penn.			T. Permian	
T. Cisco (Bough C)			T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1630	1630	Surface Sands				
1630	1950	320	Red Bed				
1950	4720	2770	Anhydrite, Salt, Gyp				
4720	7350	2630	Dolomite, Anhydrite				
7350	10110	2760	Lime & Shale				
10110	10380	270	Dolomite, Lime & Shale				
10380	10470	90	Wolfcamp Development				
10470	11275	805	Shale & Lime				
11275	11400	125	Strawn Development				
11400	11698	298	Shale, Lime				
11698	11890	192	Morrow Sand & Shale				
11890	12015	125	Shale				