

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. TYPE OF WELL *Bottom* OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Mesa Petroleum Co. ✓

3. Address of Operator
P. O. Box 2009 / Amarillo, Texas 79189

4. Location of Well

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ARTESIA, OFFICE

7. Unit Agreement Name

8. Farm or Lease Name
Hondo Fee

9. Well No.
2

10. Field and Pool, or Wildcat
Avalon Delaware

12. County
Eddy

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1650 FEET FROM West LINE OF SEC. 32 TWP. 20S RGE. 28E NMPM

13. Date Spudded 6-21-83	15. Date T.D. Reached 6-27-83	17. Date Compl. (Ready to Prod.) 7-13-83	18. Elevations (DF, RKB, RT, GR, etc.) 3210.1' GR 3222' RKB	19. Elev. Casinghead 3210'
20. Total Depth 2813'	21. Plug Back T.D. 2722'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools All	25. Was Directional Survey Made No
24. Producing Interval(s), of this completion - Top, Bottom, Name 2542' - 2640'; Delaware				27. Was Well Cored No
26. Type Electric and Other Logs Run CNLD - DLL / MSFL				

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"	40#	588'	17 1/2"	630 sx "C"	-
8 5/8"	24#	2422'	12"	1150 sx LT / 150 "C"	-
5 1/2"	14#	2813'	7 7/8"	135 sx "C"	-

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	2506'
						PACKER SET 2506'

31. Perforation Record (Interval, size and number)
2602', 04', 06', 08', 10', 12', 28', 30', 32', 34', 36', 38', 40'; total of 13 holes; .50" entry, 1 JSPF
2542'-2556'; total of 15 holes; .50" entry, 1 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2602' - 2640'	A/2000 gal EQH-152 acid + 26 BS
2602' - 2640'	F/18,000 gal 3% KCl/methanol + 6000 gal CO2 + 12,000# 20/40 SD + 6000# 10/20 S
2542' - 2556'	A/2000 gal EQH 152 acid + 30 BS

33. PRODUCTION

Date First Production 7-9-83 (SWAB)	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	Well Status (Prod. or Shut-in) Producing
Date of Test 7-15-83	Hours Tested 24	Choke Size -
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate 40
	Oil - Bbl. 40	Gas - MCF Trace
	Water - Bbl. 105	Oil Gravity - API (Corr.) 35.4°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Terry McPherson

35. List of Attachments
Record of Inclination

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. Mathis TITLE REGULATORY COORDINATOR DATE 8-23-83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt 422'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 510'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 672'	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand 2492'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Capitan 862'	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 2600' to 2690'	No. 4, from _____ to _____
No. 2, from 2540' to 2575'	No. 5, from _____ to _____
No. 3, from _____ to _____	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 1100' to 2340' feet	Capitan Reef
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2000'	START LOG						
2000'	2430'		Dolomite				
2430'	2450'		SD/DOL				
2450'	2490'		DOL/SD				
2490'	2500'		SD/DOL				
2500'	2510'		DOL/SD				
2510'	2525'		SD/DOL				
2525'	2550'		SD				
2550'	2565'		SD/DOL				
2565'	2590'		DOL/SD				
2590'	2600'		DOL				
2600'	2705'		SD/Trace DOL				
2705'	2715'		SD/Trace LS				
2715'	2740'		SD				
2740'	2814'		SD/LS/Trace DOL				

WELL NAME AND NUMBER HONDO FEE # 2 ✓

LOCATION Eddy Co. New Mexico

OPERATOR MESA PETROLEUM, P.O.BOX 2009, AMARILLO, TEXAS 79189

DRILLING CONTRACTOR TMBR DRILLING, INC., P.O.DRAWER 10970, MIDLAND, TEXAS 79702

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 - 230</u>	<u> </u>	<u> </u>
<u>1/2 - 440</u>	<u> </u>	<u> </u>
<u>0 - 588</u>	<u> </u>	<u> </u>
<u>1/4 - 878</u>	<u> </u>	<u> </u>
<u>1 - 1405</u>	<u> </u>	<u> </u>
<u>2 - 1900</u>	<u> </u>	<u> </u>
<u>2 1/4 - 2151</u>	<u> </u>	<u> </u>
<u>1 3/4 - 2422</u>	<u> </u>	<u> </u>
<u>1 3/4 - 2813</u>	<u> </u>	<u> </u>
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AUG 24 1983
O. C. D.
ARTESIA, OFFICE

Drilling Contractor TMBR DRILLING, INC.

By Grady Trotter *Print*

Subscribed and sworn to before me this 5th day of July, 19 83

Jayne M. Frederickson
Notary Public

JAYNE M. FREDERICKSON
Notary Public, State of Texas
Commision expires: Commission Expires 3-1-86 Midland County Texas