

OCT 05 2009

Form C-105
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Received

MAR 22 1983

Regulatory

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-5644	

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐

OTHER

RECEIVED

2. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

MAR 17 1983

Name of Operator

MESA PETROLEUM CO.

Address of Operator

P O BOX 2009 / AMARILLO, TEXAS 79189-2009

Location of Well

O. C. D.

ARTESIA, OFFICE

7. Unit Agreement Name

8. Farm or Lease Name

MESA STATE COM

9. Well No.

2

10. Field and Pool, or Wildcat

DIAMOND MOUND A-M

IT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROME West LINE OF SEC. 32 TWP. 15S RGE. 28E NMPM

12. County

CHAVES

Date Spudded 11-3-82	16. Date T.D. Reached 12-6-82	17. Date Compl. (Ready to Prod.) 2-28-83	18. Elevations (DF, RKB, RT, GR, etc.) 3569' GR	19. Elev. Casinghead 3569'
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Total Depth 9370'	21. Plug Back T.D. 9304'	22. If Multiple Compl., How Many	23. Intervals Drilled By ALL	24. Cable Tools
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Producing Interval(s), of this completion - Top, Bottom, Name

9094' -- 9122', MORROW

MAR 28 1983

25. Was Directional Survey Made

NO

Type Electric and Other Logs Run

DLL-MSFL/CNFD

PRODUCTION RECORDS

27. Was Well Cored

NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	475'	17 1/2"	300 "C"	--
8 5/8"	28#	1847'	11"	225 H/400 "C"	--
4 1/2"	10.5/11.6/13.5	9367'	7 7/8"	1100 POZ & 200 "H"/700 POZ	& 200 "C"

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8976'	8976'

Perforation Record (Interval, size and number)

9094'-9102', 08'-12', 15'-18', 20'-22'
Total of 21 holes .36" entry 1 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9094'-9122'	A/4000 gal 7 1/2% Morrow Flo B (acid + 1000 SCF N2/bbl + 42 BS
9094'-9122'	F/18,000 gal Versagel 1500 + 18,000 gal CO2 + 15,000# 100 Sd
	41,000# 20/40 Sd

PRODUCTION

First Production WOPLC		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) SHUT IN	
of Test 3-11-83	Hours Tested 4	Choke Size --	Prod'n. For Test Period →	Oil - Bbl. 33	Gas - MCF 457	Water - Bbl. 4	Gas - Oil Ratio 13848
Tubing Press. 2068	Casing Pressure PACKER	Calculated 24-Hour Rate →	Oil - Bbl. 198	Gas - MCF 2739	Water - Bbl. 24	Oil Gravity - API (Corr.) 59.2°	

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

VENTED

Test Witnessed By

E. L. BUTTROSS, JR.

List of Attachments

C122, RECORD OF INCLINATION

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.

Xc: NMOCD-A (0+6), CEN RCDS, ACCTG, GAS CONT, MAT CONT, ENG, OPS (FILE), MIDLAND, ROSWELL, PARTNERS, D&M, PERMIAN

SIGNED R-E. M...TITLE REGULATORY COORDINATORDATE 3-16-83

This form is to be filed with the appropriate Office of the Division not later than 20 _____ 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 <u>CISCO 7628'</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>8417'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka <u>8860'</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>9334'</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1103'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>1507'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>1892'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>3178'</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>4530'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>5317'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Bursum <u>7413'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow <u>9034'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Chester SH <u>9123'</u>	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>9050</u> to <u>9060</u>	No. 4, from _____ to _____
No. 2, from <u>9094</u> to <u>9120</u>	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 _____ to _____	feet
No. 2, from <u>*High pressure salt water flow @ 1167', 500 BWPH @ 300, psi.</u> 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
5110	5320		DOL/ANHY/SH				
5320	5720		SH/ANHY/DOL				
5720	6220		DOL/SH/ANHY				
6220	6470		DOL/TRACE SH				
6470	6640		DOL/LM/SH				
6640	8380		LM/SH				
8380	9360		LM/TRACE SH & SD				