

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	1

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

TYPE OF WELL Bfm 1

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

TYPE OF COMPLETION

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

Name of Operator

MESA PETROLEUM CO./

FEB 2 1982

O. C. D.
ARTESIA, OFFICE

Address of Operator

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

Location of Well

SECTION B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

East LINE OF SEC. 11 TWP. 5S RGE. 24E

12. County
Chaves

Date Spudded 12-18-81 16. Date T.D. Reached 12-27-81 17. Date Compl. (Ready to Prod.) 1-23-82 18. Elevations (DF, RKB, RT, GR, etc.) 3885' GR 19. Elev. Casinghead 3885'

Total Depth 4093' 21. Plug Back T.D. 4041' 22. If Multiple Compl., How Many → 23. Intervals Drilled By: Rotary Tools A11 Cable Tools →

Producing Interval(s), of this completion — Top, Bottom, Name

3540'----3680', ABO

Type Electric and Other Logs Run

GR-CLL/GR-CNL-FDC

25. Was Directional Survey Made

No

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"	48#	699'	17 1/2"	700 HLW/300 Thixset/300 "C"	150 Thixset
8 5/8"	24#	1752'	12 1/4"	750 HLW/300 Thixset/300 "C"	
4 1/2"	10.5#	4090'	7 7/8"	500 "C"	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	3532'	-

Perforation Record (Interval, size and number)

3540', 68', 70', 71', 79', 3635', 39', 71', 72', 3676', 77', 78', 80'; total of 26 holes 3 1/8" csg gun 2 JSPF 180° phase.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3635'---3680'</u>	<u>A/2500 gal 7 1/2% HCL + 32 BS</u>
<u>3540'---3579'</u>	<u>A/1500 gal 7 1/2% HCL + 25 BS</u>
<u>3540'---3680'</u>	<u>F/60,000 gal X-Line gel KCL & CO2 + 99,000# 20/40 SD + 42,000# 10/20 SD</u>

PRODUCTION

First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)					Well Status (Prod. or Shut-in)	
-		Flowing					Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Gas -- Oil Ratio	
1-23-82	4	-	→	-	164	-	-	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Oil Gravity -- API (Corr.)		
590	685	→	-	985	-	-		

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.

SIGNED R.E. Martin

TITLE REGULATORY COORDINATOR

DATE 1-29-82

XC: NMOC-D (6), TLS,CENRCDs,ACCTG,ROSWELL,MEC,LAND, PARTNERS,FILE,REM

INSTRUCTIONS

Data 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 radioactivity 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 depth shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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 _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	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 <u>598'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>1345'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>2882'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Estrada _____	T. _____
T. Abo <u>3483'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 <u>3500'</u> to <u>3700'</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	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 <u>None</u> 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
DRILLERS	S		DEPTH				
	715'		SH/LM				
	885'		SD/SH				
	887'		SD/SH				
	1291'		SD/SH				
	1766'		SD/SH				
	3000'		LM/SH				
	4093'		LM/SH/SD				

MESA PETROLEUM CO.
HORSE CREEK COM #1
660' FNL & 1980' FEL, Sec 11, T5S, R24E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATION)</u>
499'	3/4°
997'	1 1/4°
2210'	1 1/4°
2704'	1 1/2°
3225'	1 1/2°
3727'	1 3/4°
4100'	1 3/4°

R. E. Mathis
BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 29th day of January, 1982.

Loula G. Porter
Notary Public in and for Midland County,
Texas

Commission Expires: 10-31-84