

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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-964	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		Wood State	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RES. ☐ OTHER ☐		9. Well No.	

2. Name of Operator		10. Field and Pool, or Wildcat	
Mesa Petroleum Co.		Unders. Scharb Wolfcamp	
3. Address of Operator		11. County	
P.O. Box 2009 / Amarillo, Texas 79189		Lea	

4. Location of Well		12. County	
UNIT LETTER <u>N</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM		Lea	
West <u>33</u> TWP. <u>18S</u> RGE. <u>35E</u> NORM			

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GK, etc.)	19. Elev. Casinghead
12-16-82	1-19-83	2-16-83	3911.5' GR	3911'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools Cable Tools
10,800'	10,677'		All	

24. Producing interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
10,423' - - - 10,466'; Wolfcamp	No

26. Type Electric and Other Logs Run	27. Was Well Cored
GR-CBL-CCL/CNFD/DLL-SFL	No

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#	507'	17 1/2"	525 sx "C"	-
8 5/8"	24/28/32	4052'	11"	1280 sx HLW/200 sx "C"	-
5 1/2"	17#	10,798'	7 7/8"	330 sx HLC/380 sx "H"	-

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	10,514	-

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,423', 24', 37', 38', 39', 44', 45', 46', 47', 50', 51', 52', 56', 57', 59', 60', 61', 62', 65', 66'; .46" entry total of 20 holes		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		10,423' - 10,466' A/2300 gal 15% HCL + 13 BS	
		A-F/29,000 gal WF-40 15% Acid +	
		5# 20/40 Mesh SD + 1/2# 100	
		Mesh salt	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2-16-83		Pumping 9 1/2 SPM, 120" stroke				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-24-83	24	-		25	40	7 (load)	1600
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		25	40	-	38.2	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	T. McPhearson

35. List of Attachments
Record of Inclination/DST Data XC: NMOC-D-H (O+6), CEN RCDS, ACCTG, MAT CONT, ENG, OPS (FILE),

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.	
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SIGNED R. E. Mathis TITLE REGULATORY COORDINATOR DATE MARCH 7, 1983

MIDLAND, HOBBS
PARTNERS

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 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 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 _____	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>5378</u>	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 _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>9201</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>10,350</u>	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>10,422</u> to <u>10,470</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	_____
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
Start	Log @	4060	ANHY/SH/DOL	7160			SD/SH
	4860		ANHY/SD/DOL	7580			LS/SH
	5820		ANHY/SH/SD/DOL/CHT	9230			SD/SH/DOL
	6040		DOL	9440			LS/SH
	6190		SD/DOL	9630			SD/LS/SH
	6400		SH/SD/DOL	10,400			SH/DOL/SD
	6540		DOL/LS/SD/SH	10,800	TD		See attached DST #1
	6690		SD/DOL				

RECEIVED

MAR 11 1983

O.C.D.
HOBBS OFFICE

DUAL DRILLING COMPANY
600 CITY NATIONAL BANK BUILDING
P.O. BOX 240
WICHITA FALLS, TEXAS 76307
MEMORANDUM

Received
MAR 09 1983
Regulatory
YFM

TO: Mesa Petroleum Co.

DATE 3/8/83

FROM: Ann Smith

C.C. WF 2059

SUBJECT: Wood St. #1
Lea County, NM

Deviation surveys conducted on captioned well:

$\frac{1}{2}$	100
1	300
$\frac{1}{2}$	500
$\frac{1}{4}$	1027
1	1500
$\frac{1}{2}$	2370
$\frac{3}{4}$	3182
$\frac{3}{4}$	3464
$\frac{3}{4}$	3809
$\frac{3}{4}$	4054
$\frac{3}{4}$	4301
1	4612
1	4895
1	5207
1	5531
1	5808
1	5910
1	6403
1	6718
1	7225
1	7727
1	8187
$\frac{3}{4}$	8792
1	9112
1	9433
1	9481
1	9995
1	10510
1	10800

R. E. Mathis

R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this ninth day of March, 1983.

Chris Hiesterman

Notary Public in and for Potter County, Texas.

Commission Expires: 1-26-87

RECEIVED

MAR 11 1983

C.C.D.
HOBBS OFFICE

Results of DST #1 in the Wolfcamp formation from 10,432' to 10,510' (78').

<u>TOP PRESS CHART</u>	<u>TEST INCREMENTS</u>	<u>BOTTOM PRESS CHART</u>
5213	IHP (psig)	5210
78-144	31 min IFP (psig)	75-142
3799	60 min IDIP (psig)	3776
103-230	60 min FFP (psig)	104-218
3926	182 min FSIP (psig)	3915
5213	FHP (psig)	5210
150	Temp (°F)	150