

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

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

Form C-105
Revised 11-1-74

RECEIVED

JUL 19 1979

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	LG 5025

1a. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>
b. TYPE OF COMPLETION	NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

O. C. C.
ARTESIA, OFFICE

7. Unit Agreement Name	
8. Farm or Lease Name	Frank State
9. Well No.	1
10. Field and Pool, or Wildcat	Underground/Morrow

2. Name of Operator	Mesa Petroleum Co
3. Address of Operator	1000 Vaughn Building/Midland, Texas 79701
4. Location of Well	

UNIT LETTER	I	LOCATED	2130	FEET FROM THE	South	LINE AND	660	FEET FROM
THE	East	LINE OF SEC.	7	TWP.	19S	RGE.	23E	NMPM

12. County	Eddy
------------	------

15. Date Spudded	1-18-79	16. Date T.D. Reached	3-9-79	17. Date Compl. (Ready to Prod.)	6-29-79	18. Elevations (DF, RKB, RT, GR, etc.)	4041/GR 4053/RKB	19. Elev. Casinghead	4041
20. Total Depth	7700'	21. Plug Back T.D.	7656	22. If Multiple Compl., How Many	dual	23. Intervals Drilled By	Rotary Tools	Cable Tools	-

24. Producing Interval(s), of this completion - Top, Bottom, Name	Morrow 7592-7611'	25. Was Directional Survey Made	No
---	-------------------	---------------------------------	----

26. Type Electric and Other Logs Run	DLL-RXO, CCL-CBL/VDL, CNL-FDC	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	68	240	17-1/2	275 sx Class "C"	-
8-5/8	24	1665	11	200 sx Thix-Set/175 sx HLW	-
				200 Class "C"	
5-1/2"	17	7700	7-7/8"	800 sx 50-50 Poz/300sx "H"	-

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7564	7548

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
7592-7611', 0.41" entry, 20 holes - perforations at 1 foot intervals	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	7592'-7611' A/3300 gal Morrow Flow "BC" + N ₂ + 40 ball sealers

PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-27-79		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-6-79	1	11.5/64		-	45	-	Dry
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1470	1090		-	1074	-	-	

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

35. List of Attachments
C-107 (copy), C-105 (Abo), BHP, Inclination Report

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	TITLE	DATE
R. P. Natch	Regulatory Coordinator	July 18, 1979

XC: TLS, MEC, JWH, JBH, D&M, FILE, NMOCD

This form is to be filed with the appropriate District Office of the Commission with a copy of all electrical and radio-activity logs run in 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 a sectionally 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>5910</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>7042</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>7334</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>7612</u>	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 _____	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 <u>3363</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>4560</u>	T. Morrow <u>7454</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Bursum <u>5672</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>4395</u> to <u>4480</u>	No. 4, from _____ to _____
No. 2, from <u>6418</u> to <u>6600</u>	No. 5, from _____ to _____
No. 3, from <u>7454</u> to <u>7620</u>	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 _____ 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
Surface	924		Anhydrite/limestone				
924	3048		Limestone				
3048	3539		Limestone/Anhydrite				
3539	4420		Dolomite/Limestone				
4420	4580		Limestone				
4580	4626		Shale/Limestone				
4626	7700		Limestone/Shale/Sand				

RECEIVED

JUL 19 1979

O. C. C.
ARTESIA, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Mesa Petroleum Company ADDRESS 1000 Vaughn Bldg., Midland, TX 79701
 FIELD _____ LEASE Frank State WELL NO. 1
 LOCATION Section 7, T19S, R23E, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
64	1/4	2,590	1	5,490	1-1/4
200	1-1/4	2,900	1-1/4	5,513	1-1/4
240	1-1/4	3,185	3/4	5,613	1-1/4
351	1-1/2	3,490	1/4	5,710	1-1/4
400	1-1/2	3,740	1/2	5,834	1-3/4
520	2	4,040	1-1/2	5,930	1-3/4
610	1-3/4	4,180	1-1/2	6,050	1-1/4
810	1-3/4	4,255	2	6,170	1-1/4
1,038	3/4	4,348	1-3/4	6,272	1
1,084	3/4	4,400	1-1/2	6,425	1-1/2
1,210	3/4	4,490	1-1/4	6,520	1-1/2
1,360	1-1/4	4,590	1	6,614	1-1/4
1,428	1	4,700	1	6,735	1-1/2
1,524	1	4,830	1	6,850	1-3/4
1,665	3/4	4,960	3/4	6,965	1-1/2
1,748	3/4	5,120	1	7,110	1-1/2
2,020	3/4	5,307	1-1/2	7,442	1-1/4
2,310	1-1/4	5,365	1-1/4	7,665	1-3/4

RECEIVED

JUL 19 1979

O. C. C.
ARTERIA, OFFICE

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Dean Sims
Signature

The Ard Drilling Company, Inc.
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Dean Sims
Signature

Drilling Superintendent
Title

Sworn and Subscribed to before me, this the 14th day of March, 19 79

Betty Thompson
Notary Public in and for Midland County,
Texas, Betty Thompson

MY COMMISSION EXPIRES:

4-30-79