

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNMSOILCONS. COMM. ION
DD
Artesia, NM 88210
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

c/sf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐				
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐		
2. NAME OF OPERATOR		MESA PETROLEUM CO. ✓							
3. ADDRESS OF OPERATOR		1000 VAUGHN BUILDING/MIDLAND, TX, 79701-4493							
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)		At surface 860' FSL & 660' FWL							
At top prod. interval reported below		SAME							
At total depth		SAME							
14. PERMIT NO. C. D.		DATE ISSUED 5-14-82							
ARTESIA, OFFICE									
5. LEASE DESIGNATION AND SERIAL NO.		NM-36646							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
7. UNIT AGREEMENT NAME									
8. FARM OR LEASE NAME		MARLEY FEDERAL							
9. WELL NO.		1							
10. FIELD AND POOL, OR WILDCAT		UNDESIGNATED ABO							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		SEC 19, T9S, R23E							
12. COUNTY OR PARISH		CHAVES							
13. STATE		NEW MEXICO							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
5-23-82		5-27-82		6-12-82		4067.5' RKB		4054'	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS	
3400'		3070'		-		→		ALL	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED			
2865' --- 2902', ABO		NO		GR-CLL/GR-CNL-FDC		NO			

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1474'	12 1/4"	700/200/750	
4 1/2"	10.5#	3090'	7 7/8"	350	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	2876'	-			
31. REPAIR RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
2865', 88', 89', 90', 94', 95', 96', 98', 2902'; total of 18 holes 3 1/8" csg gun 2 JSPF			DEPTH INTERVAL (MD)		
			2865' --- 2902'		
			2865' --- 2902'		
			AMOUNT AND KIND OF MATERIAL USED		
			A/2750 gal 7 1/2% HCL + 45 BS		
			F/40,000 gal X-link gel KCL		
			+ CO2 + 98,000# 20/40 sd +		
			48,000# 10/20 sd		

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing 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
6-12-82	1	-	→	-	6	-	-
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	110	→	-	CAOF=140	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		ACCEPTED FOR RECORD BY	
VENTED		E. L. BUTTROSS, JR.	
35. LIST OF ATTACHMENTS		SEP 29 1982	
C-122, RECORD OF INCLINATION			
36. I hereby certify that the foregoing and attached information is complete and correct as determined by the records			
SIGNED <i>R. E. M. A.</i>		REGULATORY COORDINATOR	
TITLE		DATE 6-29-82	
		U.S. GEOLOGICAL SURVEY	

XC: MMS (7), TLS, (Use here for copies of documents, Attachments, Data, etc.) ROSWELL, NEW MEXICO
(PARTNERS)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

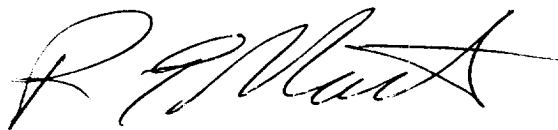
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	NOT LOGGED			GLORIETA	502'	
				YESO	702'	
				TUBB	2156'	
				ABO	2826'	

MESA PETROLEUM CO.
MARLEY FEDERAL #1
860' FSL & 660' FWL, SEC 19, T9S, R23E
CHAVES COUNTY, NEW MEXICO

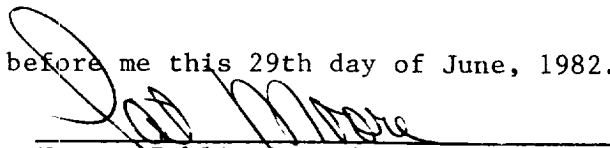
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
1484'	3/4°
1896'	1½°
2364'	1/2°
3080'	3/4°
3400'	3/4°



R. E. MATHIS, REGULATORY COORDINATOR

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



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985