

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

NEW MEXICO COMMISSION
Instructions on
reverse side)

Artesia, NM 88210

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM16324

RECEIVED

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
APR 19 19828. FARM OR LEASE NAME
O. C. D.
CHARLOTTE, FEDERAL

9. WELL NO. ARTESIA, OFFICE

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
UNDESIGNATED ABO12. COUNTY OR
PARISH
CHAVES
13. STATE
NEW MEXICO

19. ELEV. CASINGHEAD

23. INTERVALS
DRILLED BY
3582' 6R
CABLE TOOLS
3582'25. WAS DIRECTIONAL
SURVEY MADE
ALL27. WAS WELL CORED
NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. 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 79701-4483

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)

At surface 660' FSL & 500' FWL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

2-9-82

15. DATE SPUDDED 2-15-82 16. DATE T.D. REACHED 2-26-82 17. DATE COMPL. (Ready to prod.) 4-4-82 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3582' 6R 19. ELEV. CASINGHEAD 3582'

20. TOTAL DEPTH, MD & TVD 4295' 21. PLUG, BACK T.D., MD & TVD 4226' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY 3582' 6R CABLE TOOLS 3582'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CLL/GR-CNL-FDC

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	850'	17 1/2"	700Thixalite/300"C"	
8 5/8"	24#	1739'	12 1/4"	700Thixalite/300"C"	
4 1/2"	10.5#	4294'	7 7/8"	360 "C"	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3590'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3690', 91', 92', 95'; 2JSPF; 3702', 03', 04', 05', 06', 08', 13'; 3770', 3811', 13'; 3842'; 3919', 20', 21', 24', 25', 29'; 1JSPF 21 holes (3 1/8")		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3770'---3929'	A/1650Gal 7 1/2% Hcl+25BS
		3690'---3713'	A/1750Gal 7 1/2% Hcl+28BS
		3690'---3929'	F/52200Gal X-LinkGel Kcl&Co2+ 124000#20/40+55000#10/20Sd

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
4-4-82	4				173		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
606	655	ACCEPTED FOR RECORD		1036			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED
TEST WITNESSED BY
E. L. BUTTROSS, JR.35. LIST OF ATTACHMENTS
C-122, RECORD OF INCLINATION
APR 16 198236. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *R. J. Mark* GEOLOGICAL SURVEY TITLE REGULATORY COORDINATOR DATE 3-24-7-82

XC: MMS (6), TLS, CEN, RUDS, ACCIG, MEC, MAR, D&M, MTS (3), LMC, CIT, ROSWELL, EEB, REM, K, TW, FILE, (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 83, 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
NOT LOGGED			

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
SAN ANDRES	428'		
GLORIETA	1406'		
TUBB	2954'		
ABO	3636'		

MESA PETROLEUM CO.
CHARLOTTE FEDERAL #2
660' FSL & 500' FWL, SEC 17, T7S, R26E
CHAVES COUNTY, NEW MEXICO

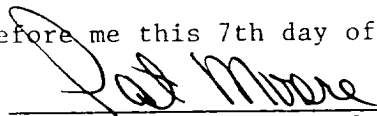
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
1400'	3/4°
2323'	1 1/4°
2825'	1 1/4°
3300'	1 1/4°
3800'	1 1/2°
4233'	1 3/4°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 7th day of April, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985