

U. S. STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

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, TEXAS 79701-4493

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

At surface 660' FNL / 660' FWL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

10-30-81

O. C. D.

ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CHARLOTTE FEDERAL

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

SEC30, T7S, R26E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

15. DATE SPUNDED 11-16-81 16. DATE T.D. REACHED 11-25-81 17. DATE COMPL. (Ready to prod.) 12-22-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3625' GR 19. ELEV. CASINGHEAD 3625'

20. TOTAL DEPTH, MD & TVD 4450' 21. PLUG, BACK T.D., MD & TVD 4391' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3717' - 4025', ABO 25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CLL / GR-CNL-FDC 27. WAS WELL CORED NO

28. 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#	866'	17 1/2"	700 HLW/300 THIXSET/300"C	
8 5/8	24#	1850'	12 1/4"	700 HLW/300 THIXSET/300"C	
4 1/2	10.5#	4449'	7 7/8"	500 "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3624'	

31. PERFORATION RECORD (Interval, size and number)

3717', 21', 23', 25', 32', 49', 3868', 84', 93', 99', 3901', 4025'; TOTAL of 26 holes
3 1/8" csg gun 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3717' --- 4025'	A/6250 gal 7 1/2% HCL + 60 BS
3717' --- 4025'	F/62,499 gal X-Link Gel KCL / C02 + 158,100 # 20/40 + 45,000 # 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	
12-22-81	4	—	→	—	170	—	—	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
450	445	→	1022	—	—	—		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

E.L. BUTTROSS, JR.

35. LIST OF ATTACHMENTS

C122. RECORD OF INCLINATION

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

P. E. Nathan

OIL & GAS SURVEY
GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO
COORDINATOR

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

JAN 20 1982

1-6-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

XC: USGS (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, D&M, LMC, EEB, REM, EILE, PARTNERS, TW, CTY, K, LAND

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	TOP MEAS. DEPTH TRUE VERT. DEPTH
NOT LOGGED				SAN ANDRES GLORIETA TUBB ABO	468' 1405' 2996' 3668'

MESA PETROLEUM CO.
CHARLOTTE FEDERAL NO.1
660' FNL & 660' FWL, Sec 30, T7S, R26E
CHAVES COUNTY, NEW MEXICO

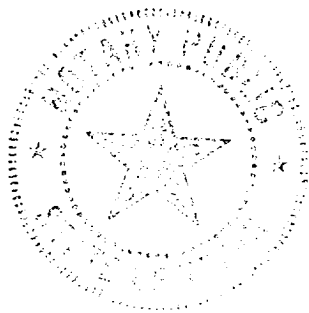
RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
505'	1°
867'	1°
1458'	3/4°
2615'	1/2°
3641'	1°
4090'	3/4°
4450'	1°

R. E. Mathis

BY: R.E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 8th day of January, 1982.



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

Commission Expires: 10-31-84