

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION
SUBMIT IN DUPLICATE
Drawer DD (See other side)
Artesia, NM 88010

Form approved.
Budget Bureau No. 42-R365.5.

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 _____ P&A

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 any State requirements)*

At surface 990' FNL & 890' FEL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO. O. C. D. DATE ISSUED

ARTESIA, OFFICE 7-1-82

5. LEASE DESIGNATION AND SERIAL NO.

NM-36653

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CAROL FEDERAL

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

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

SEC 24, T7S, R22E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

15. DATE SPUDDED

7-8-82

16. DATE T.D. REACHED

7-14-82

17. DATE COMPL. (Ready to prod.)

P&A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4129' GR

19. ELEV. CASINGHEAD

4129' GR

20. TOTAL DEPTH, MD & TVD

3400'

21. PLUG, BACK T.D., MD & TVD

P&A

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

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

NONE

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

NONE

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
8 5/8"	24#	1394'	12 1/4"	700/200	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PAGES SET (TSS)

31. PERFORATION RECORD (Interval, size and number)

NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		ACCEPTED				P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				1 FD	

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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

35. LIST OF ATTACHMENTS

RECORD OF INCLINATION

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

SIGNED

R.E. Math

TITLE

REGULATORY COORDINATOR

DATE

8-12-82

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

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, MAH, D&M, MTS (3), LMC, CTY, 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 33, below regarding separate reports for separate completions. If not filed prior to the time this summary report 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 30.

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: "Seals 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.)

77. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
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				NAME	MEAS. DEPTH
FORMATION				TOP	TRUE TEST DEPTH
34. DISPOSITION OF GAS (VOID) NEED FOR TEST (ENTER CODE) 35. LIST OF ATTACHMENTS 36. LIST OF INCLINATIONS 37. RECORD OF INCLINATION 38. LIST OF ATTACHMENTS				GLORIETA	568'
				YESO	810'
				TUBB	2100'
				ABO	2754'

MESA PETROLEUM CO.
CAROL FEDERAL #4
990' FNL & 890' FEL, SEC 24, T7S, R22E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
300'	1°
1046'	1°
1436'	1¼°
1499'	1 3/4°
2000'	1 3/4°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 13th day of August, 1982.

Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985

RECEIVED

AUG 17 1982

OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO