

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NM OIL & GAS COMMISSION  
Artesia, NM 88210  
Drawer DD  
(See other instructions on reverse side)

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

C/SF

5. LEASE DESIGNATION AND SERIAL NUMBER  
**RECEIVED**

NM-40029

APR 2 1982

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME ARTESIA, OFFICE

Alkali Fed ~~com.~~

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Undesignated ABO

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

Sec 15, T5S, R25E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

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 1980' FSL & 1650' FWL

At top prod. interval reported below  
same

At total depth  
same

14. PERMIT NO. DATE ISSUED

9-29-81

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 19. ELEV. CASINGHEAD

12-31-81 1-11-82 3-15-82 3772.4' GR 3772'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. INTERVALS DRILLED BY 23. ROTARY TOOLS 24. CABLE TOOLS

4150' 4030' ALL

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

3715'---4001', ABO

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

GR-CLL/GR-CNL-FDC

OIL & GAS  
U.S. GEOLOGICAL SURVEY

No

28. CASING RECORD (Interval, size and number)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	909'	17 1/2"	750 HLW/300 Thixset/200 "C"	600 Thixset
8 5/8"	24#	1820'	12 1/4"	750 HLW/300 Thixset/300 "C"	"C"
4 1/2"	10.5#	4083'	7 7/8"	500 "C"	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3620'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

3715', 17', 3811', 14', 15', 20', 3986', 90', 94', 95', 97', 4001'; total of 24 holes 3 1/8" csg gun 2 JSPF

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3986'---4001'	A/2000 gal 7 1/2% HCL + 30 BS
3715'---3820'	A/2000 gal 7 1/2% HCL + 30 BS
3715'---3820'	A/1500 gal 7 1/2% HCL + 36 BS
3715'---4001'	F/51,600 gal X-Link Gel KCL & CO2

33. PRODUCTION + 122,700# 20/40 SD + 52,200# 10/2C

DATE FIRST PRODUCTION - PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In SD

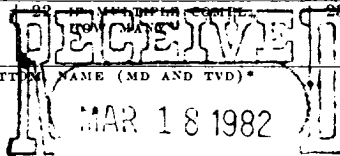
DATE OF TEST 3-15-82 HOURS TESTED 1 CHOKER SIZE - PROD'N. FOR TEST PERIOD - OIL—BBL. - GAS—MCF. - WATER—BBL. - GAS-OIL RATIO -

FLOW. TUBING PRESS. 240 CASING PRESSURE 250 CALCULATED 24-HOUR RATE - OIL—BBL. - GAS—MCF. - WATER—BBL. - OIL GRAVITY-API (CORRECTED) -

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 R. E. Mathews TITLE REGULATORY COORDINATOR DATE 3-17-82



ROGER A. CHAPMAN

MAR 19 1982

U.S. GEOLOGICAL SURVEY  
REGULATORY COORDINATOR  
ROSWELL, NEW MEXICO

Posted ID-1  
Comp. Book  
SI  
4-9-82

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



MESA PETROLEUM CO.  
ALKALI FED COM #5  
1980' FSL & 1650' FWL, Sec 15, T5S, R25E  
CHAVES COUNTY, NEW MEXICO

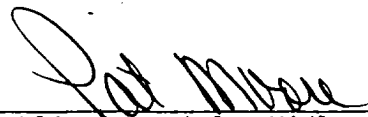
RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
600'	1°
900'	1°
1430'	1°
1820'	1°
2501'	3/4°
3008'	1°
3032'	3/4°
3499'	1°
4150'	1°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 17 th day of March, 1982.



Notary Public in and for Midland County, Texas.

Commission Expires: 6-26-85