

Artesia, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-16324

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CHARLOTTE FED COM

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

PECOS SLOPE ABO

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

SEC 29, T7S, R26E

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. RENVR. ☐ 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 any State requirements)*

At surface

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

3-15-82

12. COUNTY OR

PARISH

13. STATE

NEW MEXICO

15. DATE SPUNDED

4-12-82

16. DATE T.D. REACHED

4-20-82

17. DATE COMPL. (Ready to prod.)

5-16-82

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

3586' RKB

19. ELEV. CASINGHEAD

3573'

20. TOTAL DEPTH, MD & TVD

4406'

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

4361'

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)*

3717' --- 3986', 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
10 3/4"	40.5#	900'	14 3/4"	700/300	
4 1/2"	10.5#	4406'	9 7/8"/7 7/8"	500	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3630'	-

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3717', 18', 22', 24', 26', 27', 34',
35', 36', 39', 40', 49', 50', 54',
55', 74', 76', 80', 82', 83', 86';
total 22 holes 3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3974'---3986'	A/1200 gal 7 1/2% HCL + 18 BS
3717'---3755'	A/2400 gal 7 1/2% HCL + 36 BS
3717'---3986'	F/60,000 gal X-Link gel KCL & CO2 + 112,000# 20/40 + 76,000#

33.* PRODUCTION 10/20 sd

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

FLOWING

WELL STATUS (Producing or

shut-in)

SHUT-IN

DATE OF TEST

5-16-82

HOURS TESTED

4

CHOKE SIZE

-

PROD'N. FOR

TEST PERIOD

OIL—BBL.

GAS—MCF

279

GAS-OIL RATIO

FLOW. TUBING PRESS.

565

CASING PRESSURE

654

CALCULATED

24-HOUR RATE

OIL—BBL.

GAS—MCF

1671

OIL GRAVITY-API (CORR.)

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

VENTED

35. LIST OF ATTACHMENTS

C-122, 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. P. Mark

TITLE

REGULATORY COORDINATOR

DATE

5-27-82

XC: MMS (7), TLS, CEN, RCD, ACCIG, MEC, MAH, D&M, MTS (3), LMC, CTF, ROSWELL, EEB, REM, K, TW, FILE,
(PARTNERS)

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

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.

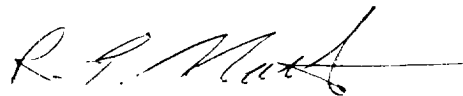
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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				SAN ANDRES	470'	
				GLORIETA	1504'	
				TURB	2994'	
				ABO	3669'	

MESA PETROLEUM CO.
CHARLOTTE FED COM #5
1980' FNL & 660' FWL, SEC 29, T7S, R26E
CHAVES COUNTY, NEW MEXICO

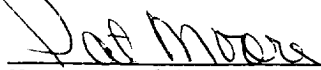
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
350'	$\frac{1}{2}^{\circ}$
900'	1°
1419'	$1\frac{1}{4}^{\circ}$
1760'	1°
2247'	1°
2868'	$1\frac{1}{4}^{\circ}$
3362'	1°
3890'	$1\frac{1}{4}^{\circ}$
4406'	$1\frac{1}{4}^{\circ}$



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 26th day of May, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985