

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved
Budget Bureau No. 720 2555

RECEIVED

C/SF

5. LEASE DESIGNATION AND SERIAL NO.
NM-32167
6. IF INDIAN ALLOTTEE OR TRIBAL LAND
APR 28 1982

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. RESV. 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 660' FSL & 990' FWL

At top prod. interval reported below
SAME

At total depth
SAME

14. PERMIT NO. ROSWELL, NEW MEXICO
DATE ISSUED 2-23-82

15. DATE SPUNDED 3-2-82
16. DATE T.D. REACHED 3-10-82
17. DATE COMPL. (Ready to prod.) 4-10-82

18. ELEVATIONS (DF, REB, RT, OR, ETC.) 3641' GR
19. ELEV. CASINGHEAD 3641'

20. TOTAL DEPTH, MD & TVD 4450'
21. PLUG, BACK T.D., MD & TVD 4374'

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)*
3733' --- 4330', ABO

25. WAS DIRECTIONAL SURVEY MADE? NO
26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CLL/GR-CNL-FDC

27. WAS WELL CORDED? 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#	844'	17 1/2"	700 Thixalite/200 "C"	
8 5/8"	24#	1709'	12 1/4"	700 Thixalite/300 "C"	
4 1/2"	10.5#	4442'	7 7/8"	380 "C"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3626'	

31. PERFORATION RECORD (Interval, size and number)

3733', 80', 82', 83', 3835', 36', 39', 67', 68', 69', 4329', 30', total of 24 holes. 3 1/8" csg gun 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4329' --- 4330'	A/650 gal 7 1/2% HCL + 70 BS
3733' --- 3869'	A/3150 gal 7 1/2% HCL + 50 BS
3733' --- 4330'	F/52,200 gal YF4 CO2 + 124,000# 20/40+55,000# 10/20

33. PRODUCTION

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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-10-82	4				161		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
576	588			968		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TEST WITNESSED BY
E. L. BUTTROSS, JR.

35. LIST OF TESTS FOR RECORD
C-102, RECORD OF INCLINATION

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

SIGNED [Signature] TITLE REGULATORY COORDINATOR DATE APR 27 1982

U.S. GEOLOGICAL SURVEY

POSWELL, NEW MEXICO (See Instructions and Spaces for Additional Data on Reverse Side)

XC: MMS (6), TLS, CEN RCDS, ACCTG, MEC, MAH, D&M, MTS (3), LMC, CTY, ROSWELL, EEB, REM, K, TW, FILE, (PARTNERS)

MM OIL & GAS COMMISSION
DRAWER DD
ARTEZIA, NM 88210
APR 2 1982

7. UNIT AGREEMENT NAME O.C.D.
ARTESIA, OFFICE
8. FARM OR LEASE NAME
SPRING FED COM
9. WELL NO.
3
10. FIELD AND POOL OR WILDCAT
UNDESIGNATED ABO
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 4, T6S, R26E
12. COUNTY OR PARISH
CHAVES
13. STATE
NEW MEXICO

14215131

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 logs, 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.)

SUMMARY OF POROUS ZONES:		TOP		BOTTOM		NOT LOGGED		REGULATION		INFORMATION		DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		DESCRIPTION, CONTENTS, ETC.		DATE REACHED		DATE COMPLETED	
31. SUMMARY OF POROUS ZONES:		32. TOP		33. BOTTOM		34. NOT LOGGED		35. REGULATION		36. INFORMATION		37. DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. DESCRIPTION, CONTENTS, ETC.		39. DATE REACHED		40. DATE COMPLETED	
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REGULATOR

TITLE

SIGNED

COORDINATOR

REGULATION

INFORMATION

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

DATE REACHED

DATE COMPLETED

MESA PETROLEUM CO.
SPRING FED COM #3
660' FSL & 990' FWL, SEC 4, T6S, R26E
CHAVES COUNTY, NEW MEXICO

RECEIVED

RECORD OF INCLINATION

APR 28 1982

O. C. D.
ARTESIA, OFFICE

<u>DEPTH</u>	<u>DEVIATIONS</u>
1300'	1½°
2000'	1½°
2500'	1½°
3000'	1½°
3500'	1½°
4000'	1 3/4°
4450'	1 3/4°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 19th day of April, 1982.

Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985