

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 4-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-40029

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Alkali Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

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

Sec. 33, T5S, R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

19. ELEV. CASINGHEAD

3756'

23. INTERVALS DRILLED BY

A11

25. WAS DIRECTIONAL SURVEY MADE

NO

27. WAS WELL CORED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ DEC 11 1981

2. NAME OF OPERATOR

Mesa Petroleum Co./

3. ADDRESS OF OPERATOR

1000 Vaughn Building/Midland, Texas 79701-4493 ARTESIA, OFFICE

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

At surface 660 FSL' & 400' FWL

At top prod. interval reported below

At total depth Same

Same

15. DATE SPUEDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

10-21-81

10-28-81

11-18-81

3756.5' GR

20. TOTAL DEPTH, MD & TVD

4293'

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

4188'

22. IF MULTIPLE COMPL., HOW MANY*

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

3770---3999', Abo

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

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#	780'	17 1/2"	800HLW/300thixset/200"C"	
8 5/8"	24#	1833'	11"	800HLW/300thixset/200"C"	
4 1/2"	10.5#	4265'	7 7/8"	500HLW/500 "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"	3653'	-

31. PERFORATION RECORD (Interval, size and number)

3770', 71', 77', 78', 79', 81', 83', 3881', 82', 84', 85', 3901.5', 08', 3986', 87', 88', 90', 91', 96', 97, 98, 99'; 22 holes 3 1/8" csg gun 1JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3986'---3999'	A/1250 gal 7 1/2% HCL + 20BS
3881'---3908'	A/750 gal 7 1/2% HCL + 14BS
3770'---3783'	A/1000 gal 7 1/2% HCL + 16BS
3770'---3999'	F/56,300 gal Gel&CO2+170,000#

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
11-18-81	4	-	→	-	262	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
740	710	→	→	1571	-	-	-

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

Vented

TEST WITNESSED BY

E.L. Butross, Jr.

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

TITLE

Regulatory Coordinator

DATE

November 25, 1981

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

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

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 Glorieta Tubb Abo	654' 1572' 3038' 3665'	

MESA PETROLEUM CO.
ALKALI FEDERAL #1
660' FSL & 400' FWL, SEC 3,, T5S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATION)</u>
483'	1°
870'	1°
1335'	3/4°
1835'	1°
2551'	1°
3510'	1 3/4°
3983'	1 3/4°
4250'	1 1/2°


BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 3rd day of December, 1981.


Notary Public in and for Midland County,
Texas.

Commission Expires: 6-26-85