

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN

COMMITTEE

(See instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

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 Fed Com

9. WELL NO.

2

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

NEW MEXICO

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 _____

2. NAME OF OPERATOR

MESA PETROLEUM CO. ✓

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493 RECEIVED

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

At surface 1980' FNL & 660' FWL

At top prod. interval reported below

same

At total depth

same

JAN 6 1982

O. C. D.

ARTESIA OFFICE

14. PERMIT NO.

8-7-81

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *	19. ELEV. CASINGHEAD
10-17-81	10-27-81	11-25-81	3745.5' GR	3745'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4252'	4199'		A11	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM NAME (MD AND TVD) *	25. WAS DIRECTIONAL SURVEY MADE
3715'-----3856', ABO	No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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
13 3/8"	48#	802'	17 1/2"	600 HLW/200 Thixset/200 "C"	
8 5/8"	24#	1819'	11"	800 HLW/300 Thixset/300 "C"	
4 1/2"	10.5#	4252'	7 7/8"	500 HLW/500 "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3616'	

31. PERFORATION RECORD (Interval, size and number)

3715, 16, 3824, 25, 26, 27, 28, 29, 30, 31,
46, 47, 48, 49, 50, 51, 52, 53, 55, 56,
3 1/8" Csg gun w/1 JSPF-20 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3715'-3831'	A/1500 gal 7 1/2% HCL
3846'-3856'	A/1500 gal 7 1/2% HCL 30,000 gal
3715'-3856'	X-link gelled 2% KCL + 15,000 gal
	Liq CO2 + 105,000# 20/40 Mesh sand
	+ 33,00# 10/20 Mesh sand

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-25-81	4	-	→	-	270	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
750	735	→	-	1621	-	-	-

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

Vented

TEST WITNESSED BY

E.L. Buttross, Jr.

35. LIST OF ATTACHMENTS

C-122, Record of Inclination

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

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 12-28-81

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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Posted ID-2
+ Comp Book
SI
1-15-82

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				SAN ANDRES GLORIETA TUBB ABO	604'	
					1534'	
					2994'	
					3642'	

MESA PETROLEUM CO.
ALKALI FED COM #2
1980' FNL & 660' FWL, SEC 33, T5S, R25E
CHAVES COUNTY, NEW MEXICO

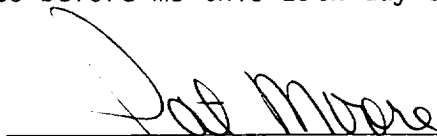
RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
1303'	3/4°
1820'	3/4°
2416'	1 1/4°
2820'	3/4°
3563'	1°
4250'	3/4°



BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 29th day of December, 1981


Notary Public in and for Midland County,
Texas.

Commission Expires: June 26, 1985