

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See instructions on reverse side)

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

C/SF

Artesia, NM 88210

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 _____

RECEIVED

2. NAME OF OPERATOR

MESA PETROLEUM CO. /

APR 2 1982

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493 O. C. D.

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

At surface 660' FNL & 1980' FWL

At top prod. interval reported below

At total depth same

same

14. PERMIT NO.

DATE ISSUED

12-11-81

15. DATE SPUDDED

12-29-81

16. DATE T.D. REACHED

1-5-82

17. DATE COMPL. (Ready to prod.)

2-19-82

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

3857.2' GR

19. ELEV. CASINGHEAD

3857'

20. TOTAL DEPTH, MD & TVD

4217'

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

4139'

22. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

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

3648'-----3802', ABO

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

OIL & GAS

U.S. GEOLOGICAL SURVEY

27. WAS WELL CORED

No

28. CASING RECORD (Record in well log)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	892'	17 12/16"	700 HLW/400 Thixset/300 "C"	1200 Thixset
8 5/8"	24#	1800'	12 1/4"	750 HLW/300 Thixset/300 "C"	"C"
4 1/2"	10.5#	4200'	7 7/8"	445 "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3546'	-

31. PERFORATION RECORD (Interval, size and number)

3648', 50', 53', 56', 57', 3757', 60', 86',
87', 3802'; total of 20 holes
3 1/8" csg gun 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3757'---3802'	A/1600 gal 7 1/2% HCL + 25 BS
3648'---3657'	A/1600 gal 7 1/2% HCL + 25 BS
3648'---3802'	F/52,758 gal X-link Gel KCL & CO2 + 147,950# 20/40 SD + 49,200#

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

2-19-82

HOURS TESTED

1

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

220

CASING PRESSURE

345

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

CAOF = 700

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

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

R. E. Math

TITLE

REGULATORY COORDINATOR

DATE 2-25-82

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

xc: MMS (6), TLS, CEN RCD, ACCTG, MEC, LAND, LMC, CTY, D&M, W&S, ROSWELL, EEB, REM, TW, K, PARTNERS, FILE

Posted ID-2
SI
4-9-82

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				San Andres	624'	
				Glorieta	1502'	
				Tubb	2974'	
				ABO	3601	

MESA PETROLEUM CO.
LODEWICK FEDERAL #2
660' FNL & 1980' FWL, Sec 17, T5S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
892'	1 1/4°
1392'	1°
1800'	1 1/2°
3000'	1°
4200'	1 1/2°



BY: R. E. MATHIS, REGULATORY COORDIANTOR

Subscribed and sworn to before me this 25th day of February 1982.



Notary Public in and for Midland County, Texas

Commission Expires: 6-26-85