

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

COMMISSIONER OF THE GEOLOGICAL SURVEY

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ NM Oil & Gas Commission 88210
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ Artesia, NM
2. NAME OF OPERATOR
MESA PETROLEUM CO. /
3. ADDRESS OF OPERATOR
1000 VAUGHN BUILDING/MIDLAND, TX 79701-4093
4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements)*
At surface 1980' FSL & 1980' FEL
At top prod. interval reported below
At total depth SAME
14. PERMIT NO. U.S. GEOLOGICAL SURVEY DATE ISSUED
ROSWELL, NEW MEXICO 3-2-82
12. COUNTY OR PARISH CHAVES 13. STATE NEW MEXICO
15. DATE SPUDDED 3-8-82 16. DATE T.D. REACHED 3-14-82 17. DATE COMPL. (Ready to prod.) 4-12-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3555' GR 19. ELEV. CASINGHEAD 3555' CABLE TOOLS
20. TOTAL DEPTH, MD & TVD 4250' 21. PLUG, BACK T.D., MD & TVD 3960' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3661' --- 3778', 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
13 3/8" 48# 817' 17 1/2" 700 Thixalite/300 "C"
8 5/8" 24# 1806' 12 1/4" 700 Thixalite/300 "C"/300 Thixset
4 1/2" 10.5# 3990' 7 7/8" 275 "C"
29. LINER RECORD 30. TUBING RECORD
Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD) Size Depth Set (MD) Packer Set (MD)
2 3/8" 3551'
31. PERFORATION RECORD (Interval, size and number)
3661', 62', 63', 3711', 3750', 51', 56', 57', 60', 78'; 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
3661'---3778' A/3150 gal 7 1/2% HCL+50 BS
3661'---3778' F/44,000 G XLink gel KCL&CO2 + 58,000#20/40 sd+70,000#10/20 sd
33.* PRODUCTION
Date First Production Production Method (Flowing, gas lift, pumping—size and type of pump) Well Status (Producing or shut-in)
Flowing
Date of Test Hours Tested Choke Size Prod'n. for Test Period Oil—BBL. Gas—MCF. Water—BBL. Gas-Oil Ratio
4-12-82 4 138
Flow. Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil—BBL. Gas—MCF. Water—BBL. Oil Gravity-API (CORR.)
594 584 826
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY
VENTED E. L. BUTTROSS, JR.
35. LIST OF ATTACHMENTS
C-102, REPERFORATION
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED U.S. GEOLOGICAL SURVEY TITLE REGULATORY COORDINATOR
ROSWELL, NEW MEXICO DATE 4-19-82

(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)

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 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.)

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.
	NOT LOGGED		

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SAN ANDRES	604'	
GLORIETA	1208'	
TUBB	2818'	
ABO	3524'	

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

WELL COMPLETION OR RECOMPLETION REPORT

871-233

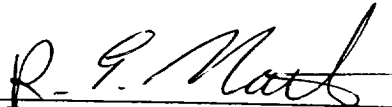
(Rev. 3-52)

U.S. GOVERNMENT PRINTING OFFICE: 1953-O-083636

MESA PETROLEUM CO.
BITTER LAKE FED COM #1
1980' FSL & 1980' FEL, SEC 5, T9S, R25E
CHAVES COUNTY, NEW MEXICO

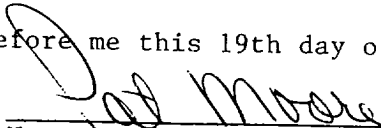
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
284'	$\frac{1}{2}^{\circ}$
817'	$3/4^{\circ}$
1806'	$1\frac{1}{2}^{\circ}$
2455'	$1\ 3/4^{\circ}$
2946'	$1\frac{1}{2}^{\circ}$
3570'	$1\frac{1}{2}^{\circ}$



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