

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
Artesia, N.M. 88001
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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 ☐		JAN 21 1982	
2. NAME OF OPERATOR MESA PETROLEUM CO. ✓			
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING MIDLAND, TEXAS 79701-4493 ARTESIA, OFFICE O.C.D.			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL / 1980' FWL At top prod. interval reported below SAME At total depth SAME			
14. PERMIT NO.		DATE ISSUED 11-13-81	
15. DATE SPUDDED 11-18-81		16. DATE T.D. REACHED 11-28-81	
17. DATE COMPL. (Ready to prod.) 12-11-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3843.6'	
19. ELEV. CASINGHEAD 3844'		20. TOTAL DEPTH, MD & TVD 4217'	
21. PLUG. BACK T.D., MD & TVD 4160'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY ALL		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3652' --- 3680', 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.	
13 3/8"		48#	
8 5/8"		24#	
4 1/2"		10.5#	
DEPTH SET (MD)		HOLE SIZE	
801'		17 1/2"	
1798'		12 1/4"	
4217'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
800 HLW/300 THIXSET/200 "C"		600 THIXSET	
800 HLW/300 THIXSET/200 "C"		600 THIXSET	
300 HLW/500 "C"		600 THIXSET	
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
2 3/8"		3563'	
31. PERFORATION RECORD (Interval, size and number) 3652', 54', 68.5', 71.5', 73', 74', 75.5', 79', 80'; Total of 18 holes 3 1/8" csg Gun 2 JSPF 180° Phase		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3652' --- 80' 3652' --- 80' AMOUNT AND KIND OF MATERIAL USED A/3000 gal 7 1/2% HCL + 55 BS E/43,500 gal X-Link Gel KCL/CO2 + 79,500# 20/40 SD + 34,500# 10/20 SD	
33.* PRODUCTION DATE FIRST PRODUCTION 12-11-81 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) SHUT IN		34. DISPOSITION OF GAS (Sold, used for fuel, flared, etc.) VENTED	
35. LIST OF ATTACHMENTS C122, RECORD OF INCLINATION		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED R.F. Mark U.S. GEOLOGICAL SURVEY ROSWELL, N.M.		DATE 1-6-82 REGULATORY COORDINATOR U.S. GEOLOGICAL SURVEY ROSWELL, N.M.	

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

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	NOT LOGGED		SAN ANDRES GLORIETA TUBB ABO	604' 1522' 2968' 3603'	

MESA PETROLEUM CO.
LODEWICK FEDERAL NO. 3
1980' FSL /1980' FWL, Sec 17, T5S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
500'	1°
802'	1 1/4°
2200'	3/4°
3000'	1°
3500'	1°
4200'	1 3/4°



BY: R.E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 8th. day of January, 1982.



Notary Public in and for Midland, County, Texas.

Commission Expires: 10-31-84

