

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See number in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

c/sf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>RECEIVED</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-36647																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>JUL 14 1983</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR Mesa Petroleum Co. ✓		7. UNIT AGREEMENT NAME																			
3. ADDRESS OF OPERATOR P. O. Box 2009 / Amarillo, Texas 79189		8. FARM OR LEASE NAME Macho Federal																			
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		9. WELL NO. 13																			
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT West Pecos Slope ABO																			
DATE ISSUED 1-11-83		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 6, T7S, R23E																			
15. DATE SPUNDED 6-5-83		12. COUNTY OR PARISH Chaves																			
16. DATE T.D. REACHED 6-10-83		13. STATE New Mexico																			
17. DATE COMPL. (Ready to prod.) 6-28-83		14. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 4103' GR 4116' RKB																			
18. TOTAL DEPTH, MD & TVD 3200'		15. ELEV. CASINGHEAD 4103'																			
19. PLUG, BACK T.D., MD & TVD 3159'		20. IF MULTIPLE COMPL., HOW MANY*																			
21. INTERVALS DRILLED BY All		22. ROTARY TOOLS CABLE TOOLS																			
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2814' - 2947', ABO		24. WAS DIRECTIONAL SURVEY MADE No																			
25. TYPE ELECTRIC AND OTHER LOGS RUN CNLD		26. WAS WELL CORED No																			
27. CASING RECORD (Report all strings set in well)																					
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30. PERFORATION RECORD (Interval, size and number)																					
2814', 15', 16', 19', 21', 23', 25', 59', 61', 2937', 39', 41', 45', 46', 47'; total of 15 holes, 1 JSPF, 3 1/8" csg gun																					
31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																					
34. TEST WITNESSED BY E. L. Buttross, Jr.																					
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 <u>R. F. Martin</u> TITLE <u>REGULATORY COORDINATOR</u> DATE <u>7-12-83</u>																					

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

XC: BLM-R(0+6), CEN RCDS, ACTG, MAT CONT, RES ENG, GAS CONT w/log, PROD, D&M, MIDLAND, ROSWELL, TW w/log, OPS(FILE), PARTNERS, NMOCD-A

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			Yeso	750'	
			Tubb	2130'	
			Abo	2756'	

RECEIVED

JUL 14 1983

O. C. D.

ARTESIA, OFFICE

MESA PETROLEUM CO. ✓
MACHO FEDERAL #13
1980' FNL & 660' FWL, SEC 6, T7S, R23E
CHAVES CO., NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATION</u>
510'	1/4°
1717'	1/4°
2218'	1/2°
2718'	1/2°

R. E. Mathis

R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 12th day of July, 1983.

Notary Public in and for Potter Co., TX

Commission Expires: _____