

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 17793																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR MESA PETROLEUM CO.		7. UNIT AGREEMENT NAME																			
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TX 79701-4493		8. FARM OR LEASE NAME CRAWFORD FED COM																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FWL At top prod. interval reported below SAME At total depth SAME		9. WELL NO. 4																			
14. PERMIT NO. O.C.D. ARTESIA, OFFICE-8-82		10. FIELD AND POOL, OR WILDCAT PECOS SLOPE ABO																			
15. DATE SPUDDED 4-19-82		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 31, T7S, R26E																			
16. DATE T.D. REACHED 4-28-82		12. COUNTY OR PARISH CHAVES																			
17. DATE COMPL. (Ready to prod.) 6-15-82		13. STATE NEW MEXICO																			
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3555'		19. ELEV. CASINGHEAD 3555'																			
20. TOTAL DEPTH, MD & TVD 4450'		21. PLUG, BACK T.D., MD & TVD 4406'																			
22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY ALL																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3669'---4016', 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)																					
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>10 3/4"</td><td>40.5#</td><td>900'</td><td>14 3/4"</td><td>700/200</td><td>-</td></tr><tr><td>4 1/2"</td><td>10.5#</td><td>4443'</td><td>9 7/8"</td><td>500</td><td>-</td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	10 3/4"	40.5#	900'	14 3/4"	700/200	-	4 1/2"	10.5#	4443'	9 7/8"	500	-
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31. PERFORATION RECORD (Interval, size and number) 3669', 3685', 3802', 23', 24', 32', 67', 96', 97', 99', 3919', 24', 25', 26', 4011', 12', 13', 14', 15', 16'; total of 20 holes																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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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																					
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED																					
35. LIST OF ATTACHMENTS C-122, 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. E. Mack</u> TITLE <u>REGULATORY COORDINATOR</u>																					

ACCEPTED FOR RECORD
TEST WITNESSED BY
E. L. BUTTRESS, JR.
SEP 28 1982
U.S. GEOLOGICAL SURVEY
DATE JUNE 29 1982
ROSWELL, NEW MEXICO

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.

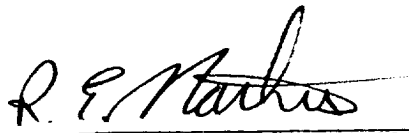
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	408'	
				GLORIETA	1346'	
				TUBB	2930'	
				ABO	3645'	

MESA PETROLEUM CO.
CRAWFORD FED COM #4
1980' FSL & 660' FWL, SEC 31, T7S, R26E
CHAVES COUNTY, NEW MEXICO

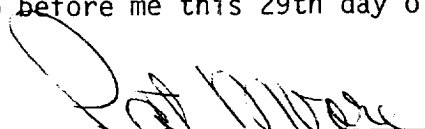
RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
486'	1/2°
900'	3/4°
1401'	1°
1778'	3/4°
2294'	1°
2821'	1 1/4°
3349'	1 1/4°
3833'	3/4°
4450'	1°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 29th day of June, 1982.



Notary Public in and for Midland County,
Texas.

Commission Expires: 6-26, 1985.