

N.M.O.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM - 27970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
COYOTE FEDERAL

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED ABO11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC 5, T7S, R25E

12. COUNTY OR
PARISH
CHAVES13. STATE
NEW MEXICO

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. ☐
2. NAME OF OPERATOR		MESA PETROLEUM CO.				
3. ADDRESS OF OPERATOR		1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 1980' FNL & 660' FEL				
At top prod. interval reported below		SAME				
At total depth		SAME				
14. PERMIT NO.		DATE ISSUED SURVEY				
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*
12-3-80		12-17-80		2-3-81		3893.9' GR
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY
4400'		4165'				ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		3658'---3842', ABO				
26. TYPE ELECTRIC AND OTHER LOGS RUN		GR - CLL GR-CNL-FDC, DLL/RXO				
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#	515'	17 1/2"	1060 "C"/180 "C"		-
8 5/8"	24#	1688'	11"	200 Thixomont/200 "C"		-
4 1/2"	10.5#	4399'	7 7/8"	600 Lt/500 50-50 Pozmix		-
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD	
					SIZE	DEPTH SET (MD)
					2 3/8"	3726'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
4312'---40', .25 entry, 29 holes				DEPTH INTERVAL (MD)		
3658'---3842', .25 entry, 32 holes				AMOUNT AND KIND OF MATERIAL USED		
NOTE: WC perfs below CIBP @ 4200'				4312'---4340'		
				3658'---3842'		
				4000 gals 15% HCL		
				6000 gals 7 1/2% HCL/50,000 gals		
				75% Qual Foam + 53,000# 20-40 Sd		
33. PRODUCTION						
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)
		FLOWING				SHUT-IN
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
2-3-81	2 1/2	-	→	TSTM	66	TRACE
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
675	675	→	-	634	-	-
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY
VENTED						E. L. BUTTROSS, JR.
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		TITLE			DATE	
Clyde C. Wheeler		DIVISION ENGINEER			FEBRUARY 10, 1981	

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

XCL: USGS (6), TLS, MEC, CEN RECS, AGCTO, NOBBS, MAH, PARTNERS
D+M, TRANSWESTERN (2), FILE

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 agency 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.), formations and/or State office. See instructions on items 22 and 23, and 30, below regarding separate reports or separate completions. 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.

attached environmental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Attached environmental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the

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.	38. GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					SAN ANDRES GLORIETTA TUBB ABO HUECO	501 1379 2935 3607 4312	

MESA PETROLEUM CO.
COYOTE FEDERAL #1
1980' FNL & 660' FEL
SEC 5, T7S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
552'	3/4°
982'	3/4°
1688'	1°
2189'	3/4°
2498'	1/2°
3015'	3/4°
3488'	3/4°
3972'	1°
4400'	3 1/4°

C.C. Wheeler

BY: C. C. WHEELER, DIVISION ENGINEER

Subscribed and sworn to before me this 30th day of February, 1981.

Cindy Lu Sheppard
Notary Public in and for Midland County,
Texas.

Commission Expires: 7-27-81