

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. ☐	Other ☐
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 CAROL FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 760' FSL & 1400' FEL At top prod. interval reported below At total depth SAME SAME						9. WELL NO. 3	
14. PERMIT NO. O. C. D.						DATE ISSUED 6-11-82	
15. DATE SPUDDED 6-14-82						16. DATE T.D. REACHED 6-17-82	
17. DATE COMPL. (Ready for use) 7-14-82						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4052' GR, 4065' RKB	
19. ELEV. CASINGHEAD 4052'						20. TOTAL DEPTH, MD & TVD 3126'	
21. PLUG, BACK T.D., MD & TVD 2973'						22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY ALL						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2792' --- 2920', 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	
8 5/8"		24#	1420'	12 1/4"	700/200		
4 1/2"		10.5#	3040'	7 7/8"	350		
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	
					2 3/8"	2810'	
31. PERFORATION RECORD (Interval, size and number) 2792', 93', 94', 95', 96', 97', 98', 99', 2800', 01', 02', 03', 04', 05', 06', 07', 08', 09', 2919', 20'; total of 20 holes 3 1/8" csg gun 1 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				2792'---2920'	A/3000 gal 7 1/2% HCL + 50 BS		
				2792'---2910'	F/45,422 gal x-link gel KCL & CO2 + 70,500# 20/40 sd + 69,500# 10/20 sd		
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		
DATE OF TEST 7-14-82	HOURS TESTED 3 1/2	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. -	GAS—MCF. 157	WATER—BBL. -	
FLOW. TUBING PRESS. 533	CASING PRESSURE 597	CALCULATED 24-HOUR RATE →	OIL—BBL. -	GAS—MCF. 1074	WATER—BBL. -		
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						37. TEST WITNESSED E. L. BUTTROSS, JR. U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
SIGNED R.P. Nash		TITLE REGULATORY COORDINATOR			DATE 7-22-82		

XC: MMS (7), TLS, SEN RCDs, ACCIG, MEC, MAH, D&M, MTS (3), LMC, CTT, ROSWELL, EEB, REM, K, TW, FILE,
(PARTNERS)

*(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.

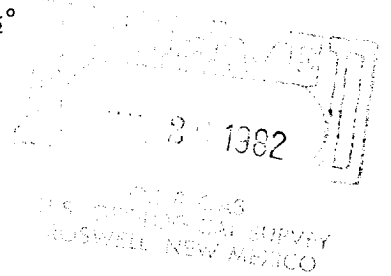
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED					GLORIETA	486'	
					YESO	698'	
					TUBB	2082'	
					ABO	2738'	

MESA PETROLEUM CO.
CAROL FEDERAL #3
760' FSL & 1400' FEL, SEC 13, T7S, R22E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
664'	2 $\frac{1}{4}$ °
1420'	2 $\frac{1}{2}$ °
2110'	2 $\frac{1}{2}$ °
2844'	1 $\frac{1}{2}$ °



R. E. Mathis
R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 22nd day of July, 1982.

Pat Moore
Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985