

C/SF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer DD  
Artesia, NM 88210  
SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM-36653

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Carol Fed Com

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

West Pecos Slope ABO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 1, T7S, R22E

12. COUNTY OR PARISH  
Chaves

13. STATE  
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS '83

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 \_\_\_\_\_

BUR. OF LAND MGMT  
ROSWELL DISTRICT

2. NAME OF OPERATOR  
Mesa Petroleum Co. ✓

AUG 10 1983

3. ADDRESS OF OPERATOR  
P. O. Box 2009 / Amarillo, Texas 79189

O. C. D.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1980' FNL & 1650' FEL

ARTESIA, OFFICE

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 1-20-83

15. DATE SPUNDED 6-13-83 16. DATE T.D. REACHED 6-18-83 17. DATE COMPL. (Ready to prod.) 7-2-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4115' GR 4128' RKB 19. ELEV. CASINGHEAD 4115'

20. TOTAL DEPTH, MD & TVD 3200' 21. PLUG, BACK T.D., MD & TVD 3147' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS All CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 2783' - 2931', ABO 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNLD 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#	1216'	12"	450/200/850/11 yds Redmix	--
4 1/2"	10.5#	3199'	7 7/8"	450/200	---

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2910'	--

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2783', 85', 87', 89', 91', 93', 2903', 05', 07', 2923', 25', 26', 27', 29', 31'; total of 15 holes, 1 JSPF, 3 1/8" csg gun.		2783'-2931'	A/2500 gal 7 1/2% HCl + 32 BS
		2783'-2931'	F/45,500 gal Mini-Max 111-40 + 18,048 gal CO <sub>2</sub> + 11,400# 20/40 SD + 78,000# 2 10/20 SD

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
WOPLC		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-6-83	4	-	→	-	363	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	ACCEPTED FOR RECORD	WATER—BBL.	OIL GRAVITY-API (CORR.)	
527	605	→	-	2176	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY E. L. Buttross, Jr.

AUG 8 1983

35. LIST OF ATTACHMENTS  
Cl22, Record of Inclination

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

ROSWELL, NEW MEXICO

SIGNED \_\_\_\_\_ TITLE REGULATORY COORDINATOR DATE 7-12-83

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

XC: BLM-R(O+6), CEN RCDS, ACTG, MAT CONT, RES ENG, GAS CONT w/log, PROD, D&M, MIDLAND,

# 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	
					TRUE VERT. DEPTH	
NOT LOGGED				Yeso	674'	
				Tubb	2118'	
				Abo	2749'	

MESA PETROLEUM CO. ✓  
CAROL FED COM #13  
1980' FNL & 1650' FEL, SEC 1, T7S, R22E  
CHAVES CO., NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATION</u>
510'	1/4°
1037'	1/2°
1216'	1/2°
2808'	1/2°
3200'	3/4°

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

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

Jan Rogers  
Notary Public in and for Potter Co., TX

Commission Expires: 4/13/85