

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 1926 19623

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Vaca 13 Federal #4

9. API WELL NO.

30 025 32130

10. FIELD AND POOL, OR WILDCAT

Red Hills (Bone Spring)

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

Sec 13, T25S, R33E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P&A 10-4-93

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Enron Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.  
P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
660' FNL & 660' FWL  
At top prod. interval reported below  
660' FNL & 660' FWL  
At total depth  
660' FNL & 660' FWL

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED  
7-14-93

15. DATE SPUNDED 9-9-93 16. DATE T.D. REACHED 10-2-93 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_ 18. ELEVATIONS (DF, EKB, RT, GR, ETC.)\* 3356.3' GR 19. ELEV. CASINGHEAD 3356.3'

20. TOTAL DEPTH, MD & TVD 12,600 21. PLUG. BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY? \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* N/A 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MLL/GR, ZDL/CN/GR 27. WAS WELL CORED No

**28. CASING RECORD (Report all casing in hole)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	645'	14-3/4"	351 sacks	CIRCULATED	None
8-5/8"	32#	5054'	11"	1700 sacks	CIRCULATED	None

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)

**31. PERFORATION RECORD (Interval, size and number)**

N/A

**32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

**33. PRODUCTION**

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) P&A

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
Logs

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

SIGNED Betty Gildon TITLE Regulatory Analyst DATE 10/6/93

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

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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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	0	735	Redbeds			
	735	5050	Salt & Anhy	Top Delaware	5119	
Delaware	5050	5980	Limestone, Sand	Top Bone Spring		
	5980	6970	Limestone, Sand, Shale	Top Bone Spring	9273	
	6970	7753	Sand, Shale	Top Bone Spring	11988	
Bone Spring Ln	7753	11659	Sand, Shale, Limestone	Top 3rd B.S. Sd	12290	
Bone Spring Sd	11659	12071	Limestone, Sand	Top Wolfcamp		
Wolfcamp	12071	12600	Limestone, Sand, Shale			

38. GEOLOGIC MARKERS