

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 01159

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Nelson Federal

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Und. Bone Spring

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

Sec. 3, T18S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

Enron Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 774' FNL & 2226' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

30-015-24737

DATE ISSUED

3-8-88

15. DATE SPUDDED

PB 3/12/88

16. DATE T.D. REACHED

PBTD 8/1/88

17. DATE COMPL. (Ready to prod.)

9/2/88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3535.5' GR

19. ELEV. CASINGHEAD

3534.5'

20. TOTAL DEPTH, MD & TVD

11,650'

21. PLUG, BACK T.D., MD & TVD

7970'

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)*

7724-7802 (Bone Spring)

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

None

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"	54.50#	498'	17-1/2"	525 sacks	Circulated
8-5/8"	32#	3532'	11"	1750 sacks	Circulated
4-1/2"	11.6#	11650	7-7/8"	670 sacks	-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7580'	-

31. PERFORATION RECORD (Interval, size and number)

11475-11491 (.50" 32) Morrow
10542-10610 (.37" 15) Strawn
7724-7802 (.37" 29) Bone Spring

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11475-11491	CIBP @ 11450 + 35' cmt on top
10542-10610	CIBP @ 10520 + 35' cmt on top
	/Cmt ret at 7970 & 600 sx C1 H
7724-7802	71,000 gal w/27,000 16/30 mesh sd

33. PRODUCTION

& 2790 BF + 250,000# 16/30 sand

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-2-88		Pumping (2 x 1-1/4 x 20' RHBC)				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/12/88	24	-	→	37	93	21	2514
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→				35.7	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

None

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

SIGNED

Betty Gildon

Betty Gildon

TITLE

Regulatory Analyst

DATE 9/15/88

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

CARLSBAD, NEW MEXICO

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Queen	2432	
				San Andres	3354	
				Bone Spring	6644	
				Wolfcamp	8630	
				Strawn	10460	
				Atoka	10697	
				Morrow	10920	
				Middle Morrow	11245	
				Chester	11549	