

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

4157

SUBMIT IN DUPLICATE

(See other Instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.

NM 33437

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Roche Federal

WELL NO.

2

FIELD AND POOL, OR WILDCAT

North Shugart Bone Spring

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

Sec. 7, T18S, R31E

COUNTY OR PARISH
Eddy

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 DEEPEN PLUG BACK DIFF. RESRV. 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 1980' FSL & 1980' FEL
At top prod. interval reported below Same
At total depth Same

RECEIVED BY
JUL 20 1987
O. C. D.
ARTESIA, OFFICE

14. PERMIT NO. - DATE ISSUED 3/31/87

15. DATE SPUNDED 6/1/87 16. DATE T.D. REACHED 6/2/87 17. DATE COMPL. (Ready to prod.) 7/8/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3617.3' GR 19. ELEV. CASING HEAD 3617.3'

20. TOTAL DEPTH, MD & TVD 12027 21. PLUG, BACK T.D., MD & TVD 8410 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)* 8275-8346 (Bone Spring) 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN NA 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	54.5	654	17-1/2	800 sx.	Circulated
9-5/8	43.5	4588	12-1/4	2650 sx. w/ DV at 1702	Circulated
5-1/2	17 & 20	12042	8-1/2	700 sx.	None

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"	8351'	

31. PERFORATION RECORD (Interval, size and number)

8275 - 8346 (.42" 20)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11498-11532	CIBP at 11450 + 35' cmt on top.
	perf 4 holes at 8450, set cmt ret. at 8430 & sq. w/150 sx. Cl H.
8275-8346	frac w/100,000 gal mini-max 111-40

33.* PRODUCTION + 180,000 20/40 sand

DATE FIRST PRODUCTION 7/8/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 7/9/87 HOURS TESTED 24 CHOKE SIZE - PROD'N. FOR TEST PERIOD - OIL—BBL. 201 GAS—MCF. 47 WATER—BBL. 4 GAS-OIL RATIO 234

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. ACCEPTED FOR RECORD GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 37.4

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented -> SOLD TO TW SJS TEST WITNESSED BY JUL 14 1987

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 TITLE Regulatory Analyst DATE 7/10/87

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

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
				Rustler	463	
				Yates	1940	
				San Andres	4418	
				Wolfcamp	9360	
				Strawn	10580	
				Atoka	10790	
				Morrow	11212	