

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 30400

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Half 6 Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pitchfork Ranch (Morrow)

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

Sec. 6, T25S, R34E

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

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

990' FSL & 1980' FEL

At top prod. interval reported below

990' FSL & 1980' FEL

At total depth

990' FSL & 1980' FEL

14. PERMIT NO.

30 025 30982

DATE ISSUED

8-1-90

15. DATE SPUDDED

9-12-90

16. DATE T.D. REACHED

11-28-90

17. DATE COMPL. (Ready to prod.)

12-18-90

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

3441.9' GR

19. ELEV. CASINGHEAD

3441.9'

20. TOTAL DEPTH, MD & TVD

15,675'

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

15,406'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

15,288'-15,360' (Morrow C)

ACCEPTED FOR RECORD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

RFT, CNL/LDT, DLL/MSFL

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
16	65#	658'	20	CARSSBAIE NEW MEXIC	Circulated
10-3/4	47.5 & 40.5#	5,225'	14-3/4	3100 HLC & 350 Prem plus	Circulated
7-5/8	26.4, 29.7 & 33.7#	13,336'	9-1/2	750 HLC & 400 C1 H	Est top 7000'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2	12,978	15,165	285 C1 H		2-7/8"	14,564'	PBR @ 14,564'
3-1/2	14,564	15,442	125 prem				top of liner

31. PERFORATION RECORD (Interval, size and number)

15288-15300 (.40 13)
15340-15354 (.40 15)
15356-15360 (.40 5)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15288-15360	41,727 gal 60 quality CO2 Alco foam & 35,000# 20/40 mest inter-prop plus

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-28-90		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	CAS-OIL RATIO	
1-23-91	24	20/64	→	14	5936	46	424	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
2200	400	→				38.0		

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

Sold

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

1/29/91

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	0	1610	Anhy, Red Bed	Delaware	5283	
C Canyon Mrkr	1610	6210	Anhy & Salt	C. Canyon Mrkr	6526	
Bone Spring Canyon	6210	8160	Sand	B. Spring Canyon	7900	
Leonard	8160	9666	Lime, Shale, Sand	Leonard Shale	9108	
1st B. Sp sand	9666	10275	100% sh	Bone Spring LS	9270	
Strawn	10275	12565	lm, sh	"TLC" Lime	9610	
	12565	12768	lm, sd	1st B. Sp Sand	10260	
	12768	13135	sh, lm	2nd B. Sp Sand	10940	
	13135	13310	100% sh	Abo Marker	11354	
	13310	13645	lm, sh	3rd B. Spring	12020	
Atoka	13645	13981	100% sh	Wolfcamp	12350	
	13981	14196	chert, lm, sh	Wlfcamp LM mrkr	12520	
	14196	14298	100% lm	Strawn	13930	
	14298	14427	lm, sh	Atoka	14080	
Morrow Lime, "A"	14427	14508	chert, lm, sh	Atoka Bank	14150	
Clastics & "A"	14508	14600	lm, sh	Atoka Sand	14214	
	14600	14725	100% sh	Atoka Carb	14260	
	14725	14760	ch, lm, sh	Morrow LM	14461	
Warren	14760	14811	lm, sh	Morrow Clastics	14708	
	14811	14854	100% sh	Morrow "A" Sand	14720	
Sinatra Sand	14854	14915	100% lm	Warren Zone	14820	
	14915	15179	lm, sh	Sinatra Sand	14963	
	15179	15295	100% sh	"B" Sand	15072	
	15295	15336	lm, sd, sh	"C" Sand	15284	
	15336	15375	sd, sh	"D" Sand	15618	
	15375	15407	100% sd			
	15407	15645	100% sh			
	15645	15675	lm, sd			
	At TD	15675	100% shale			