

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

LEASE DESIGNATION AND SERIAL NO.

NM 14497

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Diamond 8 Federal

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. 8, T25S, R34E

12. COUNTY OR PARISH
Lea

13. STATE
NM

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

660' FNL & 2310' FEL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

30-025-30632

DATE ISSUED

6-19-89

15. DATE SPUDDED

10-9-89

16. DATE T.D. REACHED

12-12-89

17. DATE COMPL. (Ready to prod.)

1-28-90

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

3364.0' GR

19. ELEV. CASINGHEAD

3364'

20. TOTAL DEPTH, MD & TVD

15,675'

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

~~15,541'~~ 15,485'

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)*

15214'-15279' (Morrow "C")

26. TYPE ELECTRIC AND OTHER LOGS RUN

SDL-DSN, DLL-MG, FWS, DIL, CDL-DSN

29.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65.0#	651'	20"	660 C1 C	Circulated
10-3/4"	25.5# & 45.5#	40.5# 5200'	14-3/4"	3000 C1 C	Circulated
7-5/8"	39# & 33.7#	13,250'	9-1/2"	700 35/65 H & 450 C1 H	-

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	12,925	15,672	575	-	2-7/8"	14,750	14,750

31. PERFORATION RECORD (Interval, size and number)

15214' - 15279' (0.34" 76)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15214'-15279'	None

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-28-90		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	CARBON RATIO	
1-29-90	24	17/64	→	2	3950	2	1975	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
3050	0	→				50.2		

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

Vented

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

Betty Gildon

TITLE

Regulatory Analyst

DATE

2/6/90

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

37. SUMMARY OF POROSITY ZONES: (Show all important zone; 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	625	Red Bed	Delaware	5277	
	625	648	Red Bed & anhy	Cherry Canyon	6256	
Cherry Canyon	648	2204	anhy	Cherry Can Mkr	6495	
	2204	3235	salt, anhy	Brushy Canyon	7854	
Brushy Can & Leonard	3235	3889	anhy	Leonard	9050	
	3889	4616	anhy & gyp	Bone Spring	9248	
Leonard & Bone Spring	4616	5245	salt, anhy	TLC Lime	9545	
	5245	6112	anhy	1st BS sand	10225	
Bone Spring	6112	7679	sd, sh	2nd BS sand	10889	
	7679	9218	sand	Abo marker	11324	
"	9218	9615	sd, sh	3rd BS sand	11916	
	9615	10083	lime, sh	Wlfcg Lm Mkr	12417	
"	10083	10350	lime	Penn	13662	
	10350	11150	lm, sh, sd	Strawn	13843	
Abo Marker & Bone Spring & Wlfcg	11150	11462	lime	Atoka	13992	
	11462	13162	lm, sh, sd	Atoka Lime	14073	
Penn	13162	13705	shale	Atoka sand	14122	
	13705	13882	lm, sh	Atoka Bank	14166	
Strawn	13882	14110	chert, LS, shale	Morrow Lime	14380	
	14110	14334	lm, sh	Morrow Clastics	14667	
Atoka	14334	14728	sh, ch, lime	"A" sand	14678	
	14728	15244	sh, lm	Warren	14733	
Morrow & Sinatra & Morrow	15244	15392	sh, sd, lm	Upper Sinatra	14876	
	15392	15675	shale	Lower Sinatra	14898	
"				"B" Sand	14973	
				Morrow Shale	15154	
"				Morrow "C"	15201	
				Morrow "D"	15534	

RECEIVED
FEB 16 1930
HOBBS OFFICE