

## GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Glorieta	5517	
				Clearfork	6186	
				Wolfcamp	8911	
				Bursum	9388	
				Cisco	9486	
				Bough "C"	9618	
				Canyon	9954	
				Strawn	10518	
				Atoka	11042	
				Mississippian		
				Lime	11344	
				Woodford Shale	11913	
				Wristen	11987	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NMLC065249

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Federal D #3

9. API WELL NO.

30-025-34066

10. FIELD AND POOL, OR WILDCAT

Crossroads Devonian West

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

Section 31, T9S, R36E

12. COUNTY OR  
PARISH

Lea

13. STATE

NM

19. ELEV. CASINGHEAD

4059'

23. INTERVALS  
DRIILLED BY

X

25. WAS DIRECTIONAL  
SURVEY MADE

Inclination Svy

27. WAS WELL CORED

No

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ N.M. Oil Conb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐ P 1980

2. NAME OF OPERATOR

Reliance Operating Company

3. ADDRESS AND TELEPHONE NO.

P O Box 10946, Midland TX 79702

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

At surface

1120' FSL &amp; 1420' FEL, Unit 0

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

7-16-97

15. DATE SPUDDED

8-19-97

16. DATE T.D. REACHED

10-2-97

17. DATE COMPL. (Ready to prod.)

10-16-97

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

4059' GR

20. TOTAL DEPTH, MD &amp; TVD

12,018'

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

12,018'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRIILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Wrysten Open Hole 12,003' - 12,018'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/SDL/DSN, GR/DLL/MSFL, GR/LSS/FAC, GR/DIP

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8" J55	54.5#	445	17 1/2"	Sfc - 360 sx cmt	
8 5/8" K55	32#	4496	12 1/4"	Sfc - 1300 sx cmt	
5 1/2" N80	17 & 20#	12003	7 7/8"	10,200' CBL, 400 sx cmt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	11973'	

31. PERFORATION RECORD (Interval, size and number)

Open hole 12,003' - 12,018'

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)	
10-16-97		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-19-97	24	11/64"	→	380	TSTM	0	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
380	390	→	380	TSTM	0	42.4		
34. DISPOSITION OF GAS (Field used for fuel, vented, etc.)								

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

Vented

35. LIST OF ATTACHMENTS

Inclination Survey, G-104, 3160-5

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

SIGNED

TITLE

Agent

DATE 11/4/97

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