

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

Ralph E. Williamson

3. ADDRESS OF OPERATOR

PO Box 994, Midland, TX 79702

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

At surface

610' FSL & 990' FWL

At top prod. interval reported below

610' FSL & 990' FWL

At total depth

610' FSL & 990' FWL

14. PERMIT NO.

30-015-25820

DATE ISSUED

15. DATE SPUDDED

12-4-87

16. DATE T.D. REACHED

12-19-87

17. DATE COMPL. (Ready to prod.)

1-12-88

18. ELEVATIONS (OF, RKB, RT, GB, ETC.)*

2864.5 GR

19. ELEV. CASINGHEAD

2866

20. TOTAL DEPTH, MD & TVD

5093'

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

5053'

22. IF MULTIPLE, OF...

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

RT

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

Delaware Sand 4910-4974

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL & CDL-CNL

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
12 3/4"	40#	188'	14 3/4"	65 sx Premium Plus w/1/4#flocel & 2%CaCl	
8 5/8"	28# & 24#	2750'	11"	250 sx Premium Plus w/1/4#flocel & 2%CaCl	
				100-sx Howco Lite; 900-sx Premium Plus;	
				125 sx Premium Plus	
5 1/2"	15.5#	5092'	7 7/8"	750 sx Premium Plus w/50/50POZ, 6# salt & 1/4#	flocel

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4796'	N/A

31. PERFORATION RECORD (Interval, size and number)

22 hole of 0.41" diam. @ 4910, 11, 17, 21, 29, 31, 35, 46, 50, 52, 58, 59, 61, 65, 67, 68, 70, 72, 74.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4910-74	2500 gal. 7 1/2% NEFE-Flushed w/2% KCl
4910-74	60000 gal 30# X-link & 120000# 20/40 & 20000# 12/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-12-88		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-12-88	24	full	→	215	278	157	1293:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	50	→	215	278	157	39	

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

Sold to Conoco

TEST WITNESSED BY

Darrell Folmer

35. LIST OF ATTACHMENTS

DLL, CDL-CNL and deviation survey

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

SIGNED Mary Huber

TITLE Production

DATE 1-15-88

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Surficial Debris (quaternary)	0	300	sand, shale, river gravel	T/Ruslter	300	300
Rustler/Anhydrite	300	1050	anhydrite and salt	T/Castile	1050	1050
Castile	1050	2870	anhydrite and salt	T/Delaware Lime	2870	2870
Delaware	2870	TD @ 5093	grey sand, shale w/lime stringers	T/Delaware Sand	2920	2920
				T/Cherry Canyon Lime	3750	3750
				T/Williamson Sand	4910	4910

38. GEOLOGIC MARKERS

