

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

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
3. ADDRESS OF OPERATOR

Ralph E. Williamson

PO Box 994; Midland, TX 79702

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

At surface 660' FNL & 1980' FEL
At top prod. interval reported below 660' FNL & 1980' FEL
At total depth 660' FNL & 1980' FEL

14. PERMIT NO. DATE ISSUED

30-015-25951

DATE ISSUED

3093.0 GR

15. DATE SPUDDED 10-3-88 16. DATE T.D. REACHED 10-16-88 17. DATE COMPL. (Ready to prod.) 11-12-88 18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* 3093.0 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5990' 21. PLUG BACK T.D., MD & TVD 5949' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Delaware Sand 5807'-5828'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

CDL/CNL, DLL/MSFL, X-Plot/BHV, Experimental induction

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"	50#	656'	17 1/2" circ'd	700 sx "C" w/2%CaCl ₂ & 1/4# floseal/sx	
8 5/8"	24#, 28#, 32#	3518'	11"	425 sx Howco lite w/ 1/4# floseal & 2% CaCl ₂	
5 1/2"	15.5#	5989'	7 7/8"	200 sx "C" w/1/4# floseal & 2% CaCl ₂	
				500 sx 50/50 POZ w/6# salt & 1/4# floseal	
				600 sx 50/50 POZ w/6# salt & 1/4# floseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5683'	N/A

31. PERFORATION RECORD (Interval, size and number)

22 holes 0.41" diam @ 5807, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5807-5828	2000 gal 7 1/2% NEFF w/1 gal/100 clay stabilizer
5807-5828	30,000 gal 30# X-link & 50,000# 20/40 & 10,000 12/20

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-13-88		30' X 2" X 2½" downhole rod pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-23-88	24	full	→	69	63	157	913/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
58	50	→	69	63	157	39	

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

sold to Conoco

TEST WITNESSED BY

Darrell Folmer

35. LIST OF ATTACHMENTS

CDL/CNL, DLL/MSFL, X-plot/BHV, Induction log, & deviation survey

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

SIGNED

Mary D. Miller

TITLE Production

DATE 11-28-88

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

CARLSBAD, NEW MEXICO

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
Surface Sand	0	550'	Sand, river rocks, surface debris (brackish water)	T/Rustler	550'	550'
Rustler	550'	1075'	Anhydrite w/salt stringers below 650'	T/Castile	1950'	1950'
Lower Rustler salt & anhydrite	1075'	1950'	Salt w/anhydrite stringers	T/Upper salt	2990'	2990'
Castile Anhydrite	1950'	3675'	Anhydrite, brown & salt (massive beds)	T/Middle anhydrite	3150'	3150'
Delaware Lime	3675'	3795'	Dense shaley lime	T/Lower Salt	3200'	3200'
Delaware Sand (Bell Canyon)	3795'	4760'	Sand & shale beds, most sand bed porous and salt water bearing	T/Lower Anhydrite	3475'	3475'
Delaware Sand (Cherry Canyon)	4760'	5990'	Sand & shale beds w/occasional dense lime stringers. Salt water bearing sands except Williamson @ 5780-5850 Other sands had shows of oil and gas.	T/Delaware Lime	3680'	3680'
				T/Delaware Sand	3795'	3795'
				T/Cherry Canyon	4760'	4760'
				T/Williamson Sand	5780'	5780'