

RECEIVED BY
October 1985
(formerly 9-330)

OCT 2 - 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

See other instructions on reverse side

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-20966

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. LEASE OR LEASE NAME

NEW ERA FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED DELAWARE

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

Sec. 19, T-26-S, R-30-E

12. COUNTY OR PARISH

EDDY

13. STATE

NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP IN ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other ☐

2. NAME OF OPERATOR

J.C. WILLIAMSON

3. ADDRESS OF OPERATOR

P.O. BOX 16 MIDLAND, TEXAS 79702

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

At surface 1880' FNL & 660' FEL

At top prod. interval reported below 1380' FNL & 660' FEL

At total depth 1880' FNL & 660' FEL

14. PERMIT NO.

30-015-25326

DATE ISSUED

15. DATE SPUNDED

8-10-85

16. DATE T.D. REACHED

8-19-85

17. DATE COMPLETION (Ready to prod.)

9-16-85

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

3056.8' GR

19. ELEV. CASINGHEAD

3055'

20. TOTAL DEPTH, MD & TVD

5717'

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

5664'

22. IF MULTIPLE COMPLET. HOW MANY?

N/A

23. INTERVALS DRILLED BY

XX

ROTARY TOOLS

CABLE TOOLS

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

5438-5493' DELAWARE

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT, DLL, NGT, CYBERLOOK

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
13-3/8"	54.5#	642'	17-1/2"	675 sx Class "C" 2% CaCl	
8-5/8"	24# & 32#	3200'	11"	150 sx Class "C" 2% CaCl	
5-1/2"	15.5#	5700'	7-7/8"	700 sx in 2 stages	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5255'	

31. PERFORATION RECORD (Interval, size and number)

5438-5493' 21 holes, 0.42"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5438-5493'	Acidz. w/3000 gals 7-1/2% NEFE acid.
	Frac w/56,278 gals 30# cross-link gel, 90,000# 20-40 sand, 10,000# 10-20 sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-16-85		PUMPING					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—SCF	WATER—BBL.	GAS-OIL RATIO	
9-19-85	24	full	—————→	57	27	267	473/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—SCF		WATER—BBL.	OIL GRAVITY-API (CORR.)	
40	40	—————→	57	27	267		39.5	

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

VENTED

TEST WITNESSED BY

OCT 1 1985 RALPH E. WILLIAMSON

35. LIST OF ATTACHMENTS

CNL/LDT, DLL, NGT, CYBERLOOK, DEVIATION REPORT

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

SIGNED

TITLE

PRODUCTION

DATE

9-19-85

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

7. A SUMMARY OF POINTS LOCATED, (S) or (N) with "Point" zone, (S) or (N) with "Point" zone, (S) or (N) with "Point" zone, and all other data, including, but not limited to, the results of all tests and analyses, the results of all tests and analyses, and the results of all tests and analyses.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	FEET VERT. DEPTH
Triassic	0	125	red shale/cong.	Delaware Lm.	3374	-304
Dewey Lake	125	506	red shale/red sand	C.C.	4304	-1234
Rustler	506	822	anhy., lime, sand	C.C. Marker	4471	-1400
Castile	822	3374	salt/anhy.			
Delaware Lime	3374	3412	blk. silty shale/lime			
Delaware Sand	2412	4304	sand /black shale			
Cherry Canyon	4304	TD	sand/black shale/lime			