

Form 3160-4
(November 1983)
(formerly 9-330)

NEW OIL CONS. CO.

Drawer DD

Artesia, NM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-45223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Empire Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Grbg Jackson (SR, On Grbg, SA

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

Sec. 6, T-17-S, R29E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

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. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Boyd & McWilliams Corporation

3. ADDRESS OF OPERATOR

300 W. Texas, Suite 704, Midland, Texas 79701

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

At surface 710' FNL & 1503' FWL Sec. 6

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-015-25725

DATE ISSUED

O C D.
ARTESIA, OFFICE

15. DATE SPOOLED 2/23/87 16. DATE T.D. REACHED 2/28/87 17. DATE COMPL. (Ready to prod.) 4/22/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3651' (Gr.) 19. ELEV. CASINGHEAD 3653'

20. TOTAL DEPTH, MD & TVD 2478' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVAL DRILLED BY → ROTARY TOOLS X CABLE TOOLS

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

Lovington Sand: 2419-2422'

Penrose Sand: 1808-1824'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron - Litho Density; Dual Laterlog Micro-SFL

27. WAS WELL CORSD

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	203'	11"	125 sx. Premium w/2% CC	0
5-1/2"	15.5# & 14.5#	2478'	7-7/8"	600 sx. Halco lite w/8% salt, 1/4# flocele & 250 sx. 50-50 w/6# salt & .2 of 1% CFR-3	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1810' KB	

31. PERFORATION RECORD (Interval, size and number)

4 shots/ft @ 2419', 2420', 2421' & 2422' - .45" jet shots.

4 shots/ft @ 1808', 1811', 1815', 1817', 1819', 1821' & 1824 - .45" shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2419-2422'	950 gals. 10% NEFE acid Frac
	8000 gal 65% Nitrogen Fm & 5500#
	20/40 sd.;
1808-1824'	2000 gal 10% NEFE acid, Frac

33.* PRODUCTION 11,087 gal Nitrogen Fm, 18000# 12/20 sd. &

DATE FIRST PRODUCTION 4/22/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, 2-1/2" x 1-3/4" x 12' insert pump WELL STATUS (Producing or shut-in) SI 5250# 8/16 s

DATE OF TEST 5/1/87 HOURS TESTED 24 CHOKER SIZE 0 PROD'N. FOR TEST PERIOD → OIL—BBL. 1 GAS—MCF. 10 WATER—BBL. 0 GAS-OIL RATIO 10,000

FLOW. TUBING PRESS. 0 CASING PRESSURE 0 CALCULATED 24-HOUR RATE → OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 33.3°

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

Vented

TEST WITNESSED BY

Bill Hope

35. LIST OF ATTACHMENTS

Inclination Report

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

SIGNED

David Goodrum

TITLE David Goodrum, Agent

DATE 2/10/88

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

338. GEOLOGIC MARKERS

recoveryes):	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
Queen Sand	1806	1828	Sandstone, Average Porosity 14%	Penrose	1806'	1806'	
Penrose							
Lovington Sand	2416	2428	Sandstone, Average Porosity 8%	Lovington	2416'	2416'	