

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

N.M. Oil, Gas, & Geothermal Division
1818 1st Street
Artesia, NM 88210-2894

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

C/SF

LEASE DESIGNATION AND SERIAL NO.

NM-21767

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

North Federal No. 5

API WELL NO.

30-015-30986

10. FIELD AND POOL, OR WILDCAT

Brushy Draw, Delaware

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

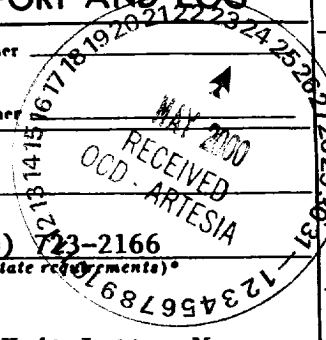
Sec. 14, T26S, R29E

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. GENVR. Other

2. NAME OF OPERATOR

Stephens & Johnson Operating Co.

3. ADDRESS AND TELEPHONE NO.

P O box 2249, Wichita Falls, TX 76307 (940) 723-2166

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

At surface 660' FSL, 990' FWL, Unit Letter M

At top prod. interval reported below 660' FSL, 990' FWL, Unit Letter M

At total depth 660' FSL, 990' FWL, Unit Letter M

14. PERMIT NO.

DATE ISSUED

March 1, 2000

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

4-5-2000

4-15-2000

5-2-2000

2944 KB

2929

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

5270'

5245'

0-5270

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

Williamson Sand 5112-5152' KB

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Litho Density, Compensated Neutron

27. WAS WELL CORED

No

28. 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
8 5/8"	24	815	12 1/4"	Surface	260
5 1/2"	15.50	5268	7 7/8"	2800' KB	550

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5116	

31. PERFORATION RECORD (Interval, size and number)

5112-5152' 2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5012-5152	2000 gals 7 1/2% Fercheck
5012-5152	18,000 gals Delta 140 Frac
	63,000 lbs 16/30 Brady Sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
5-4-2000	2 1/2" x 1 1/2" x 16' rod pump	producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-12-2000	24			20	17	197	850 scf/bbl
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			20	17	197	38	

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

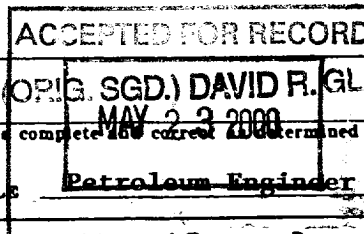
Sold

TEST WITNESSED BY

Eddie Harper

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

Will M. Kucad

TITLE

Petroleum Engineer

DATE 5-18-2000

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED
MAY 22 10:19 AM
BUREAU OF LAND MANAGEMENT
NOSWELL OFFICE