

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

MAR 14 '88

O. C. D.

ARTESIA OFFICE

Unit E, 2310' FNL and 660' FWL

3. LEASE DESIGNATION AND SERIAL NO.
NM-014103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Littlefield AB Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Shugart Delaware

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

Sec. 22, T18S, R31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

3648'

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) sqz, perf

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

TD: 5125'

It is proposed to squeeze off the existing Yates/Grayburg interval and recompleat in the Delaware Formation. Perf the 5 1/2" casing w/4" guns, 2 SPF, 180° phase, at 4891-95, 4898-4918, 4920-4934, 4941-44, 4952-56 (88 holes). Spot 100gallons 15% NEFE HCL across perfs (4891-4956). Acidize w/7700 gallons 15% NEFE HCL. Swab back residue. Frac Delaware perfs (4891-4956) down 2 7/8" tbg at 12 BPM or 5000psi, w/32,000 gallons (clean vol) 40# XL gel and 65,000# 12/20 brady sand. Swab back and TIH w/ production equipment and return to production.

18. I hereby certify that the foregoing is true and correct

SIGNED M. E. Akim

TITLE STAFF DRILLING ENGR.

DATE FEB. 26, 1988

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

3-9-88

*See Instructions on Reverse Side

SJS

[REDACTED]

[REDACTED]

[REDACTED]