

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN (Other ins.
verse side) APPLICATION
YOUR OR re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

~~LS 070935~~, NW031186

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chalk Bluff Draw Unit (A)

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

9, T-18-S, R-27-E

14. PERMIT NO.

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

3558' DF

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

16.

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)

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*

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

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.)*

It is proposed to perforate and stimulate a new interval in the Abo Reef.
The following is the proposed procedure.

1. Kill well with brine.
2. Drill out bridge plug at 5525 feet.
3. Perforate 4-1/2-inch casing with RASF jets, 2 each at 5594, 5597, 5605, and 5630 feet. Log perforations.
4. Run tubing with hookwall packer and 60 feet of tail pipe. Spot bottom of tail pipe 2 feet above plug at 5641 feet.
5. Spot acid around bottom, set packer and complete acidizing with 5,000 gallons NE, 15% acid.
6. Test.

RECEIVED
AUG 19 1968
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

/mcb

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

SIGNED

TITLE District Services Supervisor DATE 8-16-68

(This space for Federal or State office use)

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

AUG 19 1968

CONDITIONS OF APPROVAL, IF ANY: