

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-8436-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Northern Natural Gas Co.

OCT 4 - 1972

8. FARM OR LEASE NAME  
Vandagriff Federal

3. ADDRESS OF OPERATOR  
401 Wall Towers West, Midland, Texas 79701

D. C. C.

9. WELL NO.  
1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
2560' FNL & 1920' FWL, Sec. 1, T-16-S, R-27-E

ARTESIA, OFFICE

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 1, T-16-S, R-27-E

14. PERMIT NO.

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

3559 Grd

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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)\*

5-24-72 - Mechanically perforated below packer with differential to wellbore Morrow sand with 2 SPF @ 8698-8717, 8720-8728, 8731-8743. Flowed to pits natural for clean up and SI for evaluation.

6-3-72 Treated overall perms with 250 gal. 15% Super mud acid followed by 2000 gal. 7.5% MS (Western) acid. Dropped 3 sets of 25 balls for four 500 gal. stages of treatment. Used 1000 SCF/bbl. N<sub>2</sub> in treatment & flush. Treating Pressure - Min. 2300, Avg.-4900, Max.-5500. Avg. IR - 3 BPM, ISDP - 3350, 10" SDP - 2800. Flowed well to pits for cleanup and SI for evaluation.

RECEIVED

OCT - 3 1972

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Authorized Agent

DATE 10-2-72

(This space for Federal office use)

TITLE

DATE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

OCT - 3 1972

H. L. BEEKMAN

ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side