

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-28715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Federal 33

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota

Associated

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

Sec. 33-T24N-R3W

N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR  
Odessa Natural Corporation Attn : John Strojek
3. ADDRESS OF OPERATOR  
P.O. Box 3908 Odessa, Texas 79760
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1850'FSL, 790'FWL

14. PERMIT NO.

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

7088'GL, 7101'DF, 7102'KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(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.)\*

See attached for Fracture Treatments.

FOR: Odessa Natural Corporation

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

President, Walsh Engineering

SIGNED

Ewell N. Walsh, P.E.

TITLE & Production Corp.

DATE

9/26/78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 28 1978

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

FRACTURE TREATMENT

Formation Dakota "A" Stage No. 2 Date 9/22/78

Operator Odessa Natural Corporation Lease and Well Little Federal 33,  
No. 1

Correlation Log Type -- From \_\_\_\_\_ To \_\_\_\_\_

Temporary Bridge Plug Type Haliburton Speed-E-Line Set At 7220'

Perforations 7146' - 7196'  
1 Per foot type 3½" Glass Strip Jet

Pad 9800 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons.

Water 80,800 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons.

Sand 80,000 lbs. Size 20-40

Flush 4,860 gallons. Additives 1% Kcl. 2 lbs.  
FR-20

Breakdown 3200 psig

Ave. Treating Pressure 3300 psig

Max. Treating Pressure 3500 psig

Ave. Injection Rate 55.0 BPM

Hydraulic Horsepower 4449 HHP

Instantaneous SIP 1600 psig

5 Minute SIP 1450 psig

10 Minute SIP 1200 psig

15 Minute SIP 1200 psig

Ball Drops:  
10 Balls at 40,000 gallons 25psig  
increas  
10 Balls at 50,000 gallons 75 psig  
increas  
5 Balls at 60,000 gallons None psig  
increas

Remarks:

**Walsh** ENGINEERING & PRODUCTION CORP.

# FRACTURE TREATMENT

Formation Dakota "B" Stage No. 1 Date 9/22/78

Operator Odessa Natural Corporation Lease and Well Little Federal 33,  
NO. 1

Correlation Log Type GR-Collar From 6000' To 7410'

Temporary Bridge Plug Type None Set At \_\_\_\_\_

Perforations 7265' - 7274', 7278' - 7282'  
2 Per foot type 3½" Glass Strip Jet

Pad 9863 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons.

Water 40,000 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 per 1000 gallons.

Sand 40,000 lbs. Size 20-40

Flush 5,000 gallons. Additives 1% Kcl. 2 lbs.  
FR-20 & 1 gallon Frac Flo per 1000 gallons.

Breakdown 4000 psig

Ave. Treating Pressure 3000 psig

Max. Treating Pressure 3200 psig

Ave. Injecton Rate 45.0 BPM

Hydraulic Horsepower 3309 HHP

Instantaneous SIP 1500 psig

5 Minute SIP 1300 psig

10 Minute SIP 1100 psig

15 Minute SIP 1100 psig

Ball Drops: None Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
 \_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
 \_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
 \_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

Remarks: \_\_\_\_\_

**Walsh** ENGINEERING & PRODUCTION CORP.