

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
COLLECT INSTRUCTIONS ON IT  
(5010-100)

Form approved  
Budget Bureau No. 42 R1424

PLEASE TYPE LOCATION AND FIELD NO.  
Jicarilla Joint  
Venture  
G. IF INDIAN, ALLOTTEE OR TRUST 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.)

Jicarilla Apache  
7. UNIT AGREEMENT NAME

OIL WELL ☐ GAS WELL ☒ OTHER

8. FARM OR LEASE NAME  
Jicarilla Joint  
Venture "PC"  
9. WELL NO.

2. NAME OF OPERATOR

Odessa Natural Corporation Att: 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

1695'FNL, 1850'FWL

10. FIELD AND POOL, OR WILDCAT  
104  
Ballard Pictured  
Cliffs

11. SEC., T., R., M., OR BLM. AND  
SURVEY OR AREA  
Sec. 4-T23N-R3W  
N.M.P.M.

14. PERMIT NO.

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

7279'GL, 7290'DF, 7291'KB

12. COUNTY OR PARISH 13. STATE  
Rio Arriba NM

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.)\*

See attached for Fracture Treatment

For: Odessa Natural Corporation

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

SIGNED

Ewell N. Walsh, P.E.

President, Walsh Engineering  
& Production Corporation

DATE Aug. 9, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# FRACTURE TREATMENT

Correlation Log Stage No. 1 Date 9-24-78

Operator Ogden Natural Corporation Lease and Well Jicarilla JV PC

#104

Correlation Log Type Gamma Collar From 3322' To 2700'

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

Perforations 3158-65 3174-79 3184-92  
1 Per foot type 3½" Glass Jets

Pad 4,630 gallons. Additives 1% Kcl. 2 lbs  
FR-20 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons.

Water 55,000 gallons. Additives 1% Kcl. 2 lbs  
FR-20 per 1000 gallons. 1 gal Howco suds per  
1000 gal. in last 30,000 gal.

Sand 55,000 lbs. Size 20/40

Flush 2,500 gallons. Additives 1% Kcl. 2 lbs  
FR-20 & 1 gallon Howco suds per 1000 gallons.

Breakdown 2500 psig

Ave. Treating Pressure 1000 psig

Max. Treating Pressure 1800 psig

Ave. Injection Rate 44 BPM

Hydraulic Horsepower 1078 HHP

Instantaneous SIP 300 psig

5 Minute SIP 300 psig

10 Minute SIP 250 psig

15 Minute SIP 250 psig

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

incr

\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

incr

\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

incr

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

**Walsh** ENGINEERING & PRODUCTION CORP