

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N.M. -28713

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Federal 20

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. 20-T24N-R3W

N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

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

790'FSL, 790'FWL

14. PERMIT NO.

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

6995' G.L., 7008'D.F., 7009' KB

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

Edward N. Walsh, P.E.

(This space for Federal or State office use)

President, Walsh Engineering
& Production Corp.

DATE

11/14/78

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FRACTURE TREATMENT

Formation: Nakota F Stage No. 1 Date 10-26-79

Correlation Log Type GR & Collar From 7473 To 6000'

Perforations	7344'-7351'
	2 Per foot type 3 1/2" Glass Jets

Pad 9,500 gallons. Additives 1% Kcl. 2 lbs.
FR-20 per 1000 gallons. 2 gallon Frac Flo per
1000 gallons. 15 lbs. Adomite Aqua per 1000 gal

Water	<u>40,000</u> gallons. Additives <u>1% Kcl. 2 lbs.</u> <u>FR-20 per 1000 gallons. 15 lbs. Adomite Aqua</u> <u>per 1000 gallons.</u>
-------	---

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 3700 psig

Max. Treating Pressure 4000 psig

Ave. Injection Rate 34 BPM

Hydraulic Horsepower 3083 HHP

Instantaneous SIP 1400 psig

5 Minute SIP 1100 psig

10 Minute SIP 1000 psig

15 Minute SIP 900 psig

Ball Drops:

	<u>None</u>	Balls at	<u> </u>	gallons	<u> </u>	psig		
						increase		
			<u> </u>	Balls at	<u> </u>	gallons	<u> </u>	psig
								increase
			<u> </u>	Balls at	<u> </u>	gallons	<u> </u>	psig
								increase

Remarks: _____

_____ **Walsh** ENGINEERING & PRODUCTION CORP.

FRACTURE TREATMENT

Formation Dakota L Stage No. 2 Date 10-24-79

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

Correlation Log Type GR Cor & Collar From 7470' To 6000'

Temporary Bridge Plug Type Howco Speed-E-Line Set At 7315'

Perforations 7226'-7267'; 7281'-7288'
1 Per foot type 3½" Glass Strip Jets

Pad 9,800 gallons. Additives 1% Kcl. 2 lbs.
FR-20 per 1000 gallons. 1 gallon Frac Flo per
1000 gallons.

Water 80,000 gallons. Additives 1% Kcl. 2 lbs.
FR-20 per 1000 gallons.

Sand 80,000 lbs. Size 20/40

Flush 4,866 gallons. Additives 1% Kcl. 2 lbs.
FR-20 & 1 gallon Frac Flo per 1000 gallons.

Breakdown 1,200 psig

Ave. Treating Pressure 3,300 psig

Max. Treating Pressure 3,500 psig

Ave. Injecton Rate 50 BPM

Hydraulic Horsepower 4,044 HHP

Instantaneous SIP 1,800 psig

5 Minute SIP 1,500 psig

10 Minute SIP 1,300 psig

15 Minute SIP 1,200 psig

Ball Drops: 10 Balls at 35,000 gallons 0 psig
increas
10 Balls at 45,000 gallons 50? psig
increas
10 Balls at 65,000 gallons 0 psig
increas

Remarks: _____

Walsh ENGINEERING & PRODUCTION CORP.