

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.

SF-078622

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lively

9. WELL NO.

18-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 1-T26N-R8W  
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

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  
LIVELY EXPLORATION COMPANY

3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.  
P. O. Box 254 Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

410'FNL, 750'FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, BT, GR, etc.)

6220'GL

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 FRACTURE TREATMENT.



FOR: LIVELY EXPLORATION COMPANY

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

SIGNED

EWELL N. WALSH, P.E.

TITLE

President, Walsh Engr.  
& Production Corp.

DATE

3/18/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

MAR 25 1981

FARMINGTON DISTRICT

BY

NMOC

## FRACTURE TREATMENT

Formation Dakota Stage No. 1 Date 3/12/81Operator Lively Exploration Company Lease and Well Lively No. 18-ECorrelation Log Type CCL & GR From 6829' To 6000'

Temporary Bridge Plug Type \_\_\_\_\_ Set At \_\_\_\_\_

Perforations 6654'-6663' 6740'-6748' 6759'-6768'  
6722'-6726' 6752'-6754'1 Per foot type Glass Strip JetPad N/A gallons. Additives % Kcl. lbs  
FR-20 per 1000 gallons. gallon Frac Flo per  
1000 gallons.Water 80,000 gallons. Additives 2% Kcl. 2 lbs  
FR-20 per 1000 gallons.Sand 80,000 lbs. Size 20-40Flush 4,800 gallons. Additives 2% Kcl. 2 lbs  
FR-20 per 1000 gallons.Breakdown 2500 psigAve. Treating Pressure 3150 psigMax. Treating Pressure 3300 psigAve. Injection Rate 49 BPMHydraulic Horsepower 3963 HHPInstantaneous SIP 2200 psig5 Minute SIP 2050 psig10 Minute SIP 1900 psig15 Minute SIP 1800 psigBall Drops: 7 Balls at 40,000 gallons 3100 psig  
5 Balls at 60,000 gallons 3280 psig  
Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig

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

**Walsh** ENGINEERING & PRODUCTION CORP.