

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse 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.

17-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

San Juan

N.M.

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 Engineering & Prod. Corp.

P. O. Box 254 Farmington, New Mexico 87400

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

2390'FNL, 1270'FEL

14. PERMIT NO.

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

6197'GL

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

☐  
☒  
☐

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

ORIGINAL SIGNED BY

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

CONDITIONS OF APPROVAL, IF ANY:

DATE

RECEIVED FOR RECORD

MAR 25 1981

\*See Instructions on Reverse Side

FARMINGTON DISTRICT  
BY *EJW*

# FRACTURE TREATMENT

Formation Dakota Stage No. I Date 3/4/81

Operator Lively Exploration Company Lease and Well Lively 17-E

Correlation Log Type GR & CCL Log From 6744' To 6000'

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

Perforations 6612'-6616' 6654'-6662'  
6670'-6675' 6678'-6682'  
6687'-6689' 6692'-6699' 6714'-6717'

1 Per foot type 3-1/2" Glass Jets

Pad 9,750 gallons. Additives 2% Kcl. 1/2 Ga  
FR-26 per 1000 gallons. 1 gallon Frac Flo per  
1000 gallons. 15 lbs. Adomite per 1000 gallons.

Water 80,000 gallons. Additives 1% Kcl. 1/2 Ga  
FR-20 per 1000 gallons. 1 Gallon Frac Flo per  
1000 gallons

Sand 80,000 lbs. Size 20-40

Flush 4,730 gallons. Additives 2% Kcl. 1/2 Ga  
FR-26 per 1000 gallons.

Breakdown 4000 psig

Ave. Treating Pressure 3200 psig

Max. Treating Pressure 3430 psig

Ave. Injection Rate 50 BPM

Hydraulic Horsepower 3921 HHP

Instantaneous SIP 2000 psig

5 Minute SIP 1800 psig

10 Minute SIP 1750 psig

15 Minute SIP 1700 psig

Ball Drops: 4 Balls at 40,000 gallons 150 psig  
3 Balls at 46,000 gallons 120 psig incre  
3 Balls at 60,000 gallons 100 psig incre  
3 Balls at 70,000 gallons 120 psig incre

Remarks: Shut well in for stabilize pressure at 4:15 PM.

**Walsh** ENGINEERING & PRODUCTION CORP.