

Form 9-371  
May 1963UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078502A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lively

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 14, T29N, R8W

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

Box 234, Farmington, New Mexico 87401

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

900' FNL, 900' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether of, to, or from)

6359' GR

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\* ☐Completion ☒(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 perti-  
nent to this work.)\*

4-19-73

P.B.T.D. 7528'. Dresser Atlas ran Gamma Ray Correlation log. Filled 4½"-7" annulus with 28 barrels water and 5 gallons adomol, pressure tested 4½" casing and B.O.P. to 4000 psi, held O.K. Perforated 2 jets per ft 7508-12', 7515-18', and 7520-23'. Attempted to break down perf, unable to break at 4400 psi. Perforated 2 jets/ft. 7473-78', broke perf at 1800 psi. Perforated 2 jets/ft 7506-22', 7407-12', 7439-45', and 7466-70'. Dowell frac Dakota formation perf with 3431 hp, 60,000# 20-40 sand, and 1840 barrels water with 2½# per 1000 gallons J-166 friction reducing agent. Spearheaded frac with 250 gallons 15% HCL. I.F. 3600 psi, Ave 3500 psi, Max 4300 psi, Min 2600 psi, Final 4300 psi, Instant S.I. 1500 psi, 10-min S.I. 1450 psi, Ave I.R. 40 B/M, Max I.R. 46 B/M. Made 3 ball drops of 10 balls each, after second drop pressure increased from 3200 psi to 3800 psi, last ball drop pressure increased to 4300 psi, I.R. decreased to 27 B/M. Shut well in 1½ hrs. Flowed well to pit overnight. Well kicked off flowing estimated 1500 MCF.

4-20-73

Location very muddy, unable to get tubing on location until 2:00 p.m. Ran 231 jts 1¼" O.D., 2.4#, V-55, 10R, EVE tubing set at 7503' RK3. Tagged sand at 7520', landed donut. Well flowing 1600 MCF. Flowed well to burn pit overnight.

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

Original signed by T. A. Dugan

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

4-23-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 25 1973