

Form 9-331
(May 1963)UNITED 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 08051

6. IF INDIAN, ALLOTTEE OR TRIBE 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.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Lively Exploration Company

3. ADDRESS OF OPERATOR

P. O. Box 234, Farmington, New Mexico 87401

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

1460' FSL - 430' FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lively

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 31, T27N, R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, or BLK.)

5997' GR - 6010' RKB

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

Completion

(Other)

(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.)*

2-24-74

PBTD 6680'. Laid down 2-3/8" tubing and run correlation log and perforate by Dresser Atlas with 2 jets/ft 6661-6666', 6637-6642', 6619-6624', 6603-6608', 6591-6596', 6572-6577', 6531-6536', and 6477-6482'. SWF by Western Company with 2200 HHP, 65,600# 20-40 sand and 65,600 gals water to frac (total water used 78,162 gals). Water treated with 2 1/2# FR-2 per 1000 gals. Spearheaded frac with 250 gals 15% HCl acid. BD 3900 psi, Avg pressure 3900 psi, Max pressure 4000+ psi, Min pressure 3300 psi. Dropped 30 rubber balls in 3 stages of 10 each. First set pressure increased from 3450 psi to 3900 psi and pump rate decreased from 43 BPM to 38 BPM. Second set pressure increased to 4000 psi and rate decreased to 20 BPM. Pumped in 250 gals 15% HCl acid. Got pressure break and rate increase from 8 BPM to 17 BPM when acid hit. Dropped third set of 10 balls but formation locked up before third set of balls hit formation. Attempt to flow balls off perfs and drop out unsuccessful. Flowed well back 15 minutes and flushed at 3000 psi and 22 BPM. Overall Avg IR 19.5 BPM, ISIP 1900 psi, 10-Min SIP 1850 psi. Job complete 8:40 p.m., 2-23-74.

2-26-74

Ran 205 jts 1 1/2" OD, 2.4#, V-55, 10 Rd, EUE tubing. Tagged sand at 6615', landed tubing. TE 6571.84' set at 6583' RKB. (Well gauged 750 MCFGPD with spray condensate and water after blowing 28 hours.) Nipped up wellhead and released unit 6:00 p.m. 2-25-74.

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

Original signed by T. A. Dugan

SIGNED Thomas A. Dugan

TITLE Engineer

DATE 2-26-74

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE SUPERVISOR DIST. #3

DATE MAR 1 1974

FEB 23 1974

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.