

NMDC

5 - USGS

1 - Lively

1 - File

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Lively Exploration Company
3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FNL - 1140' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) _____

SUBSEQUENT REPORT OF:

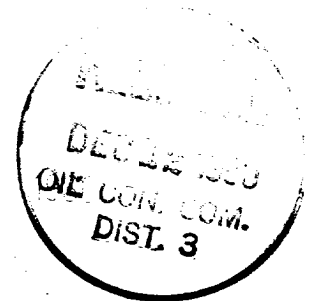
- ☐
☒ Remedial Work
☐
☐
☐
☐
☐
☐

5. LEASE
SF 078385A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Lively
9. WELL NO.
7Y
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T30N, R8W
12. COUNTY OR PARISH
San Juan
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6093' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 sheets for remedial work performed 10-80.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED

Jim L. Jacobs

TITLE

Agent

DATE

11-21-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMDC

Lively 7 & 7Y10-8-80 (Wed.)

By operating well head valves and observing El Paso sales meter, severe communication between the Dakota and the Chacra formations was confirmed. GO International ran a collar location and temperature recorder down the 1½" Dakota tubing. The plan was to check for separation on the trip down and to flow the Dakota on the trip up in an attempt to locate any hole(s) in the tubing. All collars were counted to 6900 ft. Temperature gradient was as expected. At 6900 ft the operator attempted to raise the tool. It would not raise. He dropped the tool 50 ft. It fell freely. Again he attempted to raise the tool. It would not raise. Again he dropped the tool another 50 ft, and again it would not raise. As continuity of the tubing had been confirmed, it was assumed that the tool was stuck because of the spiraling of the tubing within the casing. Left Chacra and Dakota producing and shut down for the night.

10-9-80 (Thurs.)

Rigged up pulling unit. Killed well at 11:00 a.m. with 52 bbl of 2% KCL with 3 gal Morflo per 1000 gal. Took well head off. Picked up donut 2 ft, putting tubing in tension. Tool came out of hole without any drag. Set plug in tubing "F" nipple at 7082 ft, which is 8 ft above the "D" packer which separates the Dakota and Chacra. Installed BOP. Pulled 27,000 lbs on tubing. Tubing was stuck. Worked tubing 2 hrs, still stuck. Night stopped operation. Put 24,000 lbs pull on tubing. String weight approximately 17,400 bls. Shut in BOP, left 24,000 lbs pull on tubing overnight. Messrs. Vince Schryack, Jimmy Condra and H.B. Lively decided that if a 27,000 lb pull Friday morning would not break the tubing loose, leave the Dakota plugged off, flange up well head, and get Chacra on production as soon as possible, this giving time to confer with El Paso Natural Gas and giving time to consider all options.

10-10-80 (Fri.)

Casing and tubing pressure 420 psi. To kill well, added 20 bbl 2% KCL water. (Total load to recovery 72 bbl) Pulled 27,000 lbs on tubing, still stuck. Pulled BOP. Flanged up well head. Opened Chacra to pit 8:30 a.m. Well kicked off 9:00 a.m. At 5:00 p.m., static 8.6, diff 3.8, giving flow rate of 1528 MCF/day. $(8.6 \times 3.8 \times 46.77 = 1528)$

10-11-80 (Sat.)

Saturday a.m. flow rate approx. 1250 MCF/day. Blew to pit 15 minutes, heavy spray. Put back on sales line, flow rate approximately 1500 MCF/day. Dumping water to pit approximately every 4 hrs.

10-12-80 (Sun.)

At 9:45 a.m., static 8.6, diff 3.6, flow rate $8.6 \times 3.6 \times 46.77 = 1448$ MCF/day. At 6:10 p.m. Sunday, flow rate, 1367 MCF/day. Dumped water to pit approximately every 4 hrs.

10-13-80 Mon.)

At 5:00 p.m., static 8.6, diff 3.0, flow rate, 1207 MCF/day. Dumping water to pit approximately every 4 hrs.

10-14-80 (Tues.)

At 1:20 p.m. 8.6 static, 2.8 diff, blow rate 1126 MCF/day. Dumped 5 times in past 24 hrs. Blew to atmosphere for 20 minutes. Light mist started in one minute, heavy mist after 4 minutes, continued for 15 minutes. Shut in. Press built to line pressure (approximately 300 psi) in approximately 2 minutes. In 7 minutes, built to 1528 MCF/day (static 8.6 x diff 3.8 x 46.77 = 1528). In 30 minutes, static 8.6, diff 4.0, ie. 1609 MCF/day x 30 = 48,267 MCF/month.

For comparison, Chacra production for 1980 was:

<u>Month</u>	<u>MCF/Mo.</u>	<u>MCF/Day</u> Based on 30 days/Mo.)
Jan.	50,296	1676
Feb.	43,059	1435
Mar.	51,309	1710
Apr.	39,545	1318
May	44,761	1492
Jun.	37,990	1266
Jul.	25,653	855
Aug.	24,264	809
Sep.	23,433	781