

submitted in lieu of Form 3160-5

ALCOCK
JL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

8 JUN 23 PM 1:19
070 FARMINGTON, NM

1. **Type of Well**
Gas
2. **Name of Operator**
Lively Exploration Company.
3. **Address & Phone No. of Operator**
c/o Hicks Oil & Gas, PO Box 50, Farmington, NM 87499 505-327-4902
4. **Location of Well, Footage, Sec., T, R, M**
900' FNL and 1700' FWL, Sec. 12, T-26-N, R-8-W,
5. **Lease Number**
SF 078622
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
30-01-2015
8. **Well Name & Number**
Lively #19
9. **API Well No.**
10. **Field and Pool**
Basin Dakota
11. **County & State**
San Juan County, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Lively Exploration proposes to plug and abandon this well on per the attached plugging procedure.

RECEIVED
FEB 11 1998

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

Signed

Jim Hicks

Title

Agent

OIL CON. DIV.
DIST. 3

Date

1-21-98

(This space for Federal or State Office use)

APPROVED BY

/s/ Duane W. Spencer

Title

Date

FEB - 9 1998

CONDITION OF APPROVAL, if any:

PLUG & ABANDONMENT PROCEDURE

10-14-97

Lively #19

Basin Dakota

900' FNL, 1710' FWL / NW, Section 12, T-28-N, R-8-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg., sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Lively safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. POH and tally 212 joints 2-3/8" tubing (6619'); visually inspect the tubing. If necessary LD and PU tubing workstring. Round-trip 4-1/2" gauge ring to 6468'.
3. **Plug #1 (Dakota perforations and top, 6470' – 6370')**: RIH with 4-1/2" wireline CIBP and set at 6470'. RIH with open ended tubing and tag bridge plug. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 12 sxs Class B cement and spot a balanced plug inside casing above the bridge plug to isolate Dakota interval. PUH to 5629'.
4. **Plug #2 (Gallup top, 5629' – 5529')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3770'.
4. **Plug #3 (Mesaverde top, 3770' – 3670')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 2219'.
5. **Plug #4 (Pictured Cliffs and Fruitland tops, 2219' - 1944')**: Mix 25 sxs Class B cement and spot a balanced plug inside casing to cover Fruitland top. PUH to 1852'.
6. **Plug #5 (Kirtland and Ojo Alamo tops, 1582' - 1395')**: Mix 18 sxs Class B cement and spot a balanced plug inside casing to cover the Ojo Alamo top. PUH to 276'.
7. **Plug #6 (8-5/8" casing shoe, 276' – 176')**: Pressure test bradenhead annulus to 300#. If holds then, mix 12 sxs Class B cement and spot a balanced plug inside casing to cover 8-5/8" casing shoe. POH and LD tubing. If it does not hold, then perforate at 276' and circulate cement.
8. **Plug #7 (Surface)**: Perforate 2 squeeze holes at 50'. Establish circulation out bradenhead. Spot 28 sxs Class B cement from 50' to surface, circulate good cement. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Lively #19

Current

Basin Dakota

NW, Section 12, T-26-N, R-8-W, San Juan County, NM

Today's Date: 10-14-97

Spud: 12-16-73

Completed: 2-4-74

Elevation: 6188' (GL)
6201' (KB)

Logs: IES, Density

12-1/4" hole

TOC @ 172' (Calc, 75%)

8-5/8" 24# Csg set @ 226'
150 sxs cement (Circulated to Surface)

Ojo Alamo @ 1445'

Kirtland @ 1532'

Fruitland @ 1994'

Pictured Cliffs @ 2169'

2-3/8" Tubing Set at @ 6619'
(212 jts, 4.6#, Buttress)

Mesaverde @ 3720'

DV tool @ 4648'
Cmt with 600 sxs (1360 cf)

TOC @ 5259' (Calc, 75%)

Gallup @ 5579'

Dakota @ 6569'

Dakota Perforations:
6518' - 6707'

PBTD 6725'

7-7/8" Hole

TD 6773'

4-1/2" 10.5#, K-55 Casing Set @ 6773'
Cemented with 275 sxs (460 cf)

Lively #19

Proposed P&A

Basin Dakota

NW, Section 12, T-26-N, R-8-W, San Juan County, NM

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Spud: 12-16-73

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Elevation: 6188' (GL)
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12-1/4" hole

Ojo Alamo @ 1445'

Kirtland @ 1532'

Fruitland @ 1994'

Pictured Cliffs @ 2169'

Mesaverde @ 3720'

Gallup @ 5579'

Dakota @ 6569'

Perforate @ 50'

TOC @ 172' (Calc, 75%)

8-5/8" 24# Csg set @ 226'
150 sxs cement (Circulated to Surface)

Plug #7 50' - Surface
Cmt with 28 sxs Class B

Plug #6 276' - 176'
Cmt with 12 sxs Class B

Plug #5 1582' - 1395'
Cmt with 18 sxs Class B

Plug #4 2219' - 1944'
Cmt with 25 sxs Class B

Plug #3 3770' - 3670'
Cmt with 12 sxs Class B

DV tool @ 4648'
Cmt with 600 sxs (1360 cf)

TOC @ 5259' (Calc, 75%)

Plug #2 5629' - 5529'
Cmt with 12 sxs Class B

CIBP Set at 6470'

Plug #1 6470' - 6370'
Cmt with 12 sxs Class B

Dakota Perforations:
6518' - 6707'

4-1/2" 10.5#, K-55 Casing Set @ 6773'
Cemented with 275 sxs (460 cf)

PBTD 6725'

7-7/8" Hole

TD 6773'