

submitted in lieu of Form 3160-5

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

1. **Type of Well**
Gas

2. **Name of Operator**
Lively Exploration Company

3. **Address & Phone No. of Operator**
c/o Hicks Oil & Gas, PO Drawer 3307, Farmington, NM 87499 505-327-4902

4. **Location of Well, Footage, Sec., T, R, M**
790' FNL and 1770' FEL, Sec. 3, T-29-N, R-8-W

5. **Lease Number**
SF 078596

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Lively #9

9. **API Well No.**
30-04521193

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.

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

Signed Jim Hicks Title Agent Date 2/23/99

(This space for Federal or State Office use)
APPROVED BY /s/ Duane W. Spencer Title Team Lead, Petroleum Management Date MAR 10 1999
CONDITION OF APPROVAL, if any:

NMOCD

PLUG & ABANDONMENT PROCEDURE

2-3-99

Lively #9

Basin Dakota

790' FSL & 1770' FEL, Section 3, T-29-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. TOH and LD 1-1/4" tubing (7480'). Tally and PU 2-3/8" tubing workstring. Round-trip 4-1/2" gauge ring to 7300'.
3. **Plug #1 (Dakota perforations and top, 7300' – 7200')**: Set 4-1/2" wireline CIBP or cement retainer at 7300'. TIH with open ended tubing and tag CIBP. 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 CIBP to isolate Dakota interval. If casing does not test, spot or tag subsequent plug as appropriate. PUH to 6264'.
4. **Plug #2 (Gallup top, 6264' – 6164')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 4782'.
5. **Plug #3 (Mesaverde top, 4782' – 4682')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 3374'.
6. **Plug #4 (7" casing shoe, 3374' – 3274')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover 7" casing shoe. POH.
7. Perforate 3 HSC squeeze holes at 3100' and attempt to establish circulation to surface. ND BOP and tubing head. Weld slip on collar on 4-1/2" casing. Pick up on 4-1/2" casing and determine free point by stretch. Jet cut 4-1/2" casing at approximately 3100'. RU casing handling tools; POH and LD casing. TIH with tubing to 3150'.
8. **Plug #5 (4-1/2" casing stub, Pictured Cliffs and Fruitland tops, 3150' – 2678')**: Mix 106 sxs Class B cement and spot a plug inside casing to cover Fruitland top. PUH to 2162'.
9. **Plug #6 (Kirtland and Ojo Alamo tops, 2162' – 1900')**: Mix 60 sxs Class B cement and spot a balanced plug inside casing to cover the Ojo Alamo top. PUH to 1010'.
10. **Plug #7 (Nacimiento top, 1010' – 910')**: Mix 29 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. POH and LD tubing.
11. **Plug #8 (9-5/8" casing shoe at 272')**: Perforate 3 HSC squeeze holes. Establish circulation out bradenhead valve. Spot 110 sxs Class B cement from 322' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.
12. 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 #9

Current

Basin Dakota

SE, Section 3, T-29-N, R-8-W, San Juan County, NM

Today's Date: 2/3/99

Spud: 4/5/73

Completed: 4/27/73

Elevation: 6290' (GL)
6302' (KB)

13-3/4" hole

9-5/8" 32.4#, H-40 Csg set @ 272'
250 sxs cement (Circulated to Surface)

TOC @ 384' (Calc, 75%)

Nacimiento @ 960'

Ojo Alamo @ 1950'

Kirtland @ 2112'

Fruitland @ 2728'

Pictured Cliffs @ 3010'

8-3/4" Hole

1-1/4" Tubing Set at 7480'
(230 joints, 2.4#, EUE)

TOC @ 3156' (Calc, 75%)

7" 20# J-55 Casing Set @ 3324'
Cemented with 250 sxs (600 cf)

Mesaverde @ 4732'

Gallup @ 6214'

Dakota @ 7313'

Dakota Perforations:
7316' - 7524'

PBTD 7525'

6-1/4" Hole

4-1/2" 10.5#&11.6#, K-55 Casing Set @ 7542'
Cemented with 200 sxs (600 cf)

TD 7540'

Lively #9

Proposed P&A

Basin Dakota

SE, Section 3, T-29-N, R-8-W, San Juan County, NM

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Elevation: 6290' (GL)
6302' (KB)

13-3/4" hole

Nacimiento @ 960'

Ojo Alamo @ 1950'

Kirtland @ 2112'

Fruitland @ 2728'

Pictured Cliffs @ 3010'

8-3/4" Hole

Mesaverde @ 4732'

Gallup @ 6214'

Dakota @ 7313'

6-1/4" Hole

PBTD 7525'

TD 7540'

Plug #8 322' - Surface
Cmt with 110 sxs Class B

9-5/8" 32.4#, H-40 Csg set @ 272'
250 sxs cement (Circulated to Surface)

Perforate @ 322'

TOC @ 384' (Calc, 75%)

Plug #7 1010' - 910'
Cmt with 29 sxs Class B

Plug #6 2162' - 1900'
Cmt with 60 sxs Class B

Plug #5 3150' - 2678'
Cmt with 106 sxs Class B

Jet Cut Csg @ 3100'

TOC @ 3156' (Calc, 75%)

7" 20# J-55 Casing Set @ 3324'
Cemented with 250 sxs (600 cf)

Plug #4 3374' - 3274'
Cmt with 12 sxs Class B

Plug #3 4782' - 4682'
Cmt with 12 sxs Class B

Plug #2 6264' - 6164'
Cmt with 12 sxs Class B

Plug #1 7300' - 7200'
Cmt with 12 sxs Class B

Set CIBP @ 7300'

Dakota Perforations:
7316' - 7524'

4-1/2" 10.5#&11.6#, K-55 Casing Set @ 7542'
Cemented with 200 sxs (600 cf)