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**
   990' FSL and 990' FEL, Sec. 1, T-29-N, R-9-W

5. **Lease Number**
   SF-078201A
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
   Lively #5
9. **API Well No.**
   30-045-21106
10. **Field and Pool**
    Basin Dakota
11. **County & State**
    San Juan, NM

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

Type of Submission	**Type of Action**	
_X_ Notice of Intent	_X_ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
____ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
____ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. Describe Proposed or Completed Operations

Lively Exploration Company 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 10/27/00

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 11/17/00
CONDITION OF APPROVAL, if any:

NMOCD

PLUG & ABANDONMENT PROCEDURE

10-3-00

Lively #5
Basin Dakota
990' FSL & 990' FEL, Section 1, T-29-N, R-9-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 with all 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. PU on 1-1/4" EUE tubing (7478') and release Model "R" Packer set at 7154'. TOH and tally 1-1/4" tubing and LD packer. Visually inspect the tubing, if necessary LD and PU a workstring.

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 well clean. Pressure test casing to 500#. Mix 11 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 plugs as appropriate. PUH to 6558'.

4. **Plug #2 (Gallup top, 6558' – 6458'):** Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 4705'.

5. **Plug #3 (Mesaverde top, 4705' – 4605'):** Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. TOH.

6. Perforate 3 HSC squeeze holes at 3350' 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 3000'. RU casing handling tools; TOH and LD casing. TIH with tubing to 3350'.

7. **Plug #4 (7" casing shoe and 4-1/2" casing stub, 3350' – 3250'):** Mix 29 sxs Class B cement and spot a balanced plug inside the 7" casing to cover 4-1/2" casing stub. PUH to 3105'.

8. **Plug #5 (Pictured Cliffs and Fruitland tops, 3105' – 3005'):** Mix 89 sxs Class B cement and spot a balanced plug inside casing to cover the PC and Fruitland tops. TOH.

9. **Plug #6 (Kirtland and Ojo Alamo tops, 2130' – 1840'):** Perforate 3 HSC squeeze holes at 2130'. Establish rate into squeeze holes if casing tested. Set a 7" cement retainer at 2080'. Establish rate into squeeze holes. Mix 140 sxs Class B cement, squeeze 74 sxs outside the casing and leave 66 sxs inside casing to cover the Ojo Alamo top. TOH with tubing.

10. **Plug #7 (Nacimiento top, 1020' – 970'):** Perforate 3 HSC squeeze holes at 1070'. Establish rate into squeeze holes if casing tested. Set a 7" cement retainer at 1020'. Establish rate into squeeze holes. Mix 55 sxs Class B cement, squeeze 26 sxs outside the casing and leave 29 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.

11. **Plug #8 (9-5/8" casing shoe, 286' - Surface):** Perforate 3 HSC squeeze holes at 286'. Establish circulation out bradenehad valve. Mix 110 sxs Class B cement and pump down the

7" casing from 286' 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 #5

Current

Basin Dakota

SE, Section 1, T-29-N, R-9-W, San Juan County, NM

Today's Date: 10/3/00
Spud: 1/12/73
Completed: 4/11/73
Elevation: 6430' GL
6442' KB

13-3/4" hole

9-5/8" 32.3#, H-40 Casing set @ 236'
Circulate cement to surface

Well History

Jun '79: Acidize well: Pumped 120 bbls down tubing, no circulation; spotted 300 gals HCL and then swabbed well.

Mar '80: Pulled tubing, found bottom 27 joints covered with drilling mud; re-landed tubing with a Model R packer at 7154'.

Nacimiento @ 1020'

Ojo Alamo @ 1890'

Kirtland @ 2080'

Fruitland @ 2745'

Pictured Cliffs @ 3055'

TOC @ Unknown, Lost circulation while cementing and then had a wet shoe.

8-3/4" hole

Sqzd 7" casing shoe w/ 125 sxs then 150 sxs cmt before dry to start air drilling.

7" 20#, J-55 Casing set @ 3353'
Cement with 250 sxs,
No circulation while cementing.

TOC @ 4517'
(Calc, 80%, air drilled)

Mesaverde @ 4655'

1-1/4" Tubing se at 7478'
(230 joints, EUE with
Baker Model R Packer)

Gallup @ 6508'

Model "R" Packer @ 7154'

Dakota @ 7340'

Dakota Perforations:
7342' - 7522'

PBTD 7524'

4-1/2" 11.5&11.6#, K-55 Casing set @ 7550'
Cmt with 200 sxs (389 cf)

6-1/4" Hole

TD 7564'

Lively #5

Proposed P&A

Basin Dakota

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6442' KB

13-3/4" hole

9-5/8" 32.3#, H-40 Casing set @ 236'
Circulate cement to surface

Perforate @ 286'

Plug #8 286' - Surface
Cmt with 110 sxs Class B

Nacimiento @ 1020'

Cmt Retainer @ 1020'

Plug #7 1070' - 970'
Cmt with 55 sxs Class B,
26 sxs outside casing
and 29 sxs inside.

Perforate @ 1070'

Ojo Alamo @ 1890'

Cmt Retainer @ 2080'

Plug #6 2130' - 1840'
Cmt with 140 sxs Class B,
74 sxs outside casing
and 66 sxs inside.

Kirtland @ 2080'

Perforate @ 2130'

TOC @ Unknown, Lost
circulation while cementing
and then had a wet shoe.

Fruitland @ 2745'

Plug #5 3105' - 2695'
Cmt with 89 sxs Class B

Pictured Cliffs @ 3055'

Jet Cut Casing @ 3000'

Plug #4 3350' - 3250'
Cmt with 29 sxs Class B

8-3/4" hole

Sqzd 7" casing shoe w/ 125 then 150
sxs cmt before dry to start air drilling

7" 20#, J-55 Casing set @ 3353'
Cement with 250 sxs, No circulation while cementing.

Perforate @ 3350'

TOC @ 4517'
(Calc, 80%, air drilled)

Mesaverde @ 4655'

Plug #3 4705' - 4605'
Cmt with 11 sxs Class B

Plug #2 6558' - 6458'
Cmt with 11 sxs Class B

Gallup @ 6508'

Set CIBP @ 7300'

Plug #1 7300' - 7200'
Cmt with 11 sxs Class B

Dakota @ 7340'

Dakota Perforations:
7342' - 7522'

PBTD 7524'

4-1/2" 11.5&11.6#, K-55 Casing set @ 7550'
Cmt with 200 sxs (389 cf)

6-1/4" Hole

TD 7564'