State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-21349

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
E-1193-8

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY LP

7. **Lease Name/Unit Name**
Lively Com

8. **Well No.**
14

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
2210'FSL, 1850'FWL, Sec.36, T-30-N, R-8-W, NMPM, San Juan County

10. **Elevation:**

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**

It is intended to plug and abandon the subject well according to the attached procedure.

MAR 2002

SIGNATURE Peggy Cole (MW7) Regulatory Supervisor March 25, 2002

no

(This space for State Use)

Approved by _____ Title _____ Date MAR 26 2002

Lively Com #14
Basin Dakota
2210' FSL & 1850' FWL,
Unit K, Section 36, T30N, R8W
Latitude 36°7'/ Longitude: -107°6'
AIN: 4398301
PLUG AND ABANDONMENT PROCEDURE 03/13/02

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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all BLM, NMOCD and BROGC 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. Prepare and tally 2-3/8" tubing workstring.

3. **Plug #1 (Dakota perforations and top, 7110' – 7010')**: TIH with open-ended tubing and tag existing CIBP at 7110' or as deep as possible. Load casing with water and circulate well clean. Establish rate and pressure into the known casing leaks, 830' to 3180' and 5010' to 6037'. Spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Dakota perforations. PUH to 6246'.

4. **Plug #2 (Gallup top, 6246' – 6146'):** Mix 20 sxs cement (excess due to casing leak) and spot a balanced plug inside casing to cover the Gallup top. TOH with tubing.

5. **Plug #3 (Mesaverde top, 4636' – 4536'):** Perforate 3 HSC squeeze holes at 4636'. Set a 4-1/2" CR at 4586'. Pressure test tubing to 1000#. Establish rate below CR into squeeze holes. Mix 38 sxs cement, squeeze 18 sxs outside the casing and leave 20 sxs (excess due to casing leak) inside casing to cover the Mesaverde top. TOH with tubing.

6. **Plug #4 (7" casing shoe, Pictured Cliffs and Fruitland tops, 3156' – 2460'):** Set a 4-1/2" CIBP or CR at 3156'. Mix 65 sxs cement (excess due to casing leak) and spot a balanced plug inside the casing to cover the 7" casing shoe, PC and Fruitland tops. PUH to 1990'.

7. **Plug #5 (Kirtland and Ojo Alamo tops, 1990' – 1790'):** Mix 20 sxs cement (excess due to casing leak) and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOH.

8. **Plug #6 (Nacimiento top and 9-5/8" casing shoe, 435' - Surface):** Pressure test the 7" X 9-5/8" bradenhead annulus to 300#; record the volume of H2O required to load annulus if pressure holds. Perforate 3 HSC squeeze holes at 435'. Pump down 4-1/2" casing and attempt to circulate out 4-1/2" X 7" intermediate annulus. If bradenhead annulus did not hold attempt to circulate out bradenhead. If circulation out bradenhead occurs mix and pump approximately 100sxs cement down 4-1/2" casing and out both 7" intermediate and bradenhead. If bradenhead pressure tested good, perforate 2 HSC squeeze holes at appropriate depth determined by volume pumped in during pressure test (vol pumped in pressure test in bbls divided by 0.031bbls/ft capacity of 7" X 9-5/8" annulus will determine TOC behind 7" casing); these holes will penetrate both the 4-1/2" and 7" casing allowing access to the bradenhead. TIH with workstring to 435' and establish circulation out both 7" intermediate

and bradenhead. Close pipe rams, mix and pump approximately 100sxs cement down workstring and out 7" intermediate and bradenhead – cement should take the path of least resistance and flow out of the well instead of back into the 4-1/2" casing. Alternate opening and closing 7" intermediate and bradenhead to ensure circulation out both annuli. TOOH, pump cement down 4-1/2" casing and out 7" intermediate and bradenhead. 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.

Recommended: Mike Wardley 3/20/02 Approved: Bruce D. Boyd 3.22.02
Operations Engineer Drilling Superintendent

Engineer Office - (599-4045)
Cell - (320-5113)

Sundry Required: ~~YES~~ NO

Approved: Bobby Cale 3-25-07
Regulatory

Lease Operator: Jim Jones Cell: 320-2631 Pager: 324-7546
Specialist: Gabe Archibeque Cell: 320-2478 Pager: 326-8256
Foreman: Bruce Voiles Cell: 320-2448 Pager: 327-8937

Lively Com #14

Proposed P&A

AIN #4398301

Basin Dakota

SW, Section 36, T-30-N, R-8-W, San Juan County, NM

API # 30-045-21349

Long: / Lat:

Today's Date: **3/14/02**
Spud:10/7/73
Completed: 12/8/73
Elevation: 6040' GL
6052' KB

Nacimiento @ 385'

Ojo Alamo @ 1840'

Kirtland @ 1940'

Fruitland @ 2510'

Pictured Cliffs @ 2858'

Mesaverde @ 4586'

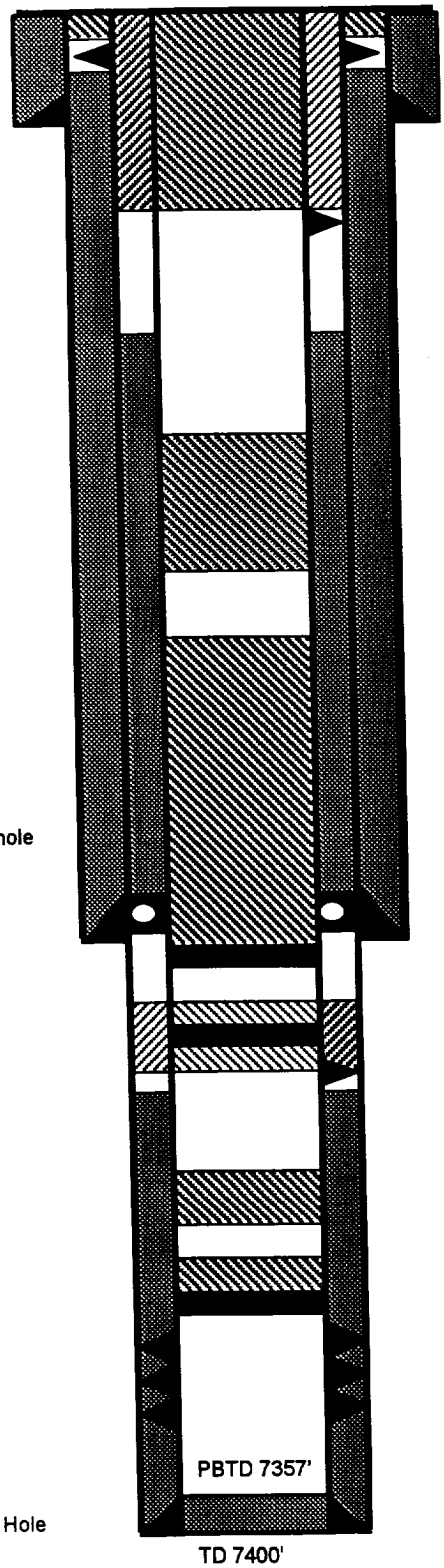
Gallup @ 6196'

Dakota @ 7154'

13-3/4" hole

8-3/4" hole

6-1/4" Hole



7" TOC @ 112'(Calc,75%)

9-5/8" 32.3#, B Casing set @ 262'
Cement with 200 sxs, Circulated

Perforate @ 435'

Plug #6: 435' - Surface
Cement with 100 sxs

4-1/2" TOC @ 733' (Calc,75%)

Plug #5: 1990' – 1790'
Cement with 20 sxs
(excess due to casing leak)

Plug #4: 3156' – 2460'
Cement with 65 sxs
(excess due to casing leak)

DV Tool @ 3088'
Cement with 385 cf

7" 17#, B Casing set @ 3106'
Cement with 600 cf

Cmt Ret @ 3156'

Cmt Ret @ 4586'

Plug #3: 4636' – 4536'
Cement with 38 sxs,
18 sxs outside casing
and 20 sxs inside.

Perforate @ 4636'
4-1/2" TOC @ 4657'(Calc,75%)

Plug #2: 6246' – 6146'
Cement with 17 sxs

4-1/2" CIBP at 7110' (12/01)

Dakota Perforations:
7154' – 7326'

Plug #1: 7110' – 7010'
Cement with 12 sxs

4-1/2" 11.5&11.6#, K-55 Casing set @ 7400'
Cement with 375 cf