

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

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1750' FNL, 880' FWL, Sec16., T-32-N, R-6-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-29809</p> <p>5. Lease Number E-504-16-NM</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Allison Unit</p> <p>8. Well No. 6M</p> <p>9. Pool Name or Wildcat Blanco MV/Basin DK</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Commingle

13. Describe Proposed or Completed Operations
It is intended to remove the CIBP above the Dakota formation and commingle the referenced well according to the attached procedure and wellbore diagram.



SIGNATURE *Regina Cole* Regulatory Supervisor June 28, 2001

TLW

(This space for State Use)

Approved by Original Signed by STEVEN H. HAYDEN Title DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date JUN 29 2001

DIRECTIONS TO LOCATION:

From Ignacio, travel east on Hwy 151 for 12.0 miles to CR 330. Go right for 5.9 miles. Left for 1.7 miles, left for 0.1 miles, left for 1.5 miles, right for 1.2 miles, and left for 1.3 miles to location.

PROJECT OBJECTIVE:

- This well was completed in the MV and DK intervals in late 2000. A cement retainer was placed over the DK interval because the Massive Point Lookout was making over 100 BPD of water. The Lower Point Lookout interval was squeezed with 150 sx of 50/50 H POZ from 5508' to 5800'. A pumping unit was installed, and the water production has recently reduced to 6 BPD.
- The wellbore will be checked for fill and cleaned-out. The cement retainer over the DK will be milled out and the MV/DK intervals will be commingled. The pumping unit will be pulled, and plunger lift will be installed.
- The AFE is still open on this wellbore.
- Cased-hole GR/CBL previously run August 9, 2000. TOC found at 2710' (per CBL).
- Maximum Pressure: 4100 psi (85% of Burst of 10.5#, 4-1/2" J-55 casing)

WELLBORE CLEANOUT, RESTORE DAKOTA, AND LAND TUBING

Deliver to location the following equipment:

1.	2500' 2-3/8", 4.7#, J-55, EUE workstring / production tubing to reach PBTD
2.	One rig tank filled w/ 2% KCl
3.	3-7/8" bit/mill and bit sub
4.	Six 3-1/8" drill collars (if necessary)

1. MIRU completion rig. Place fire and safety equipment in strategic locations. Comply with all BR, BLM, and NMOCD rules and regulations. Inspect wellsite.
2. Record casing pressure. RU blow lines from casing valves and begin blowing down casing pressure. Keep as little fluid as possible on the formations during pressure control.
3. RD pumping unit. TOOH w/ polish rod, 8', 6' and 4' pony rods, 215 3/4" rods, 1 weight bar and 1-1/4" pump. LD pump and rods.
4. Pump 15-20 bbls down the tubing (or until well is on vacuum), ND upper tree assembly, and NU BOP. Change pipe rams and handling tools 2-3/8". RU blooie line from BOP. Repair any leaking or damaged valves on wellhead.
5. Prepare to pull 2-3/8" tubing string, pump water through casing valve to kill annulus and prepare to strip out tubing hanger, back out jam nuts and strip out tubing hanger. TOOH w/ 2-3/8", 4.7#, J-55 tubing (173 joints, SN @ 5420', gas separator @ 5444') and stand back. Report condition of tubing on DFW report and type of scale, if any.

6. PU 3-7/8" bit/mill on 2-3/8" tubing. Strap and rabbit tubing. TIH in hole with 3-7/8" bit/mill on 2-3/8" tubing and clean out to cement retainer at 5508'. Report the amount of fill encountered.
7. Blow and flow well clean at cement retainer until water rates are determined.
8. TIH with 3-7/8" bit/mill and drill retainer at 5508' w/ 10-12 BPH mist rate, continue cleaning out to CIBP @ 5800'. Blow and flow well clean at CIBP to determine water rates. TOO H w/ bit and LD. PU 4-1/2" packer and TIH to 5508'. Set packer and pressure test squeeze holes to 500# for 15 minutes. Unseat packer and TOO H.
9. PU 3-7/8" bit/mill and TIH to CIBP @ 5800'. Drill CIBP w/ 10-12 BPH mist rate.
10. Continue cleaning out to PBTD depth of 7666'. Clean up to less than 2 BPH water and trace of sand. Obtain stabilized pitot gauge and record on DFW report when water rates are less than 2 BPH and sand volumes are acceptable, TOO H & LD bit.
11. MU the following bottom-hole assembly: expendable check, seating nipple, one joint of 2-3/8", 4.7# J-55 tubing, one 2' pup joint and the remaining 2-3/8" tubing to surface. Broach tubing while RIH. Check for fill. Land SN at +/- 7606'.
12. ND BOPs. NU Tree and manifold assembly. Pump off expendable check. Make swab run to kick well off if needed. Obtain stabilized pitot gauges at 15, 30, 45, and 60 min for the entire well. Record on DFW report. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.**
13. SI well. Secure location. RD and MOL.

<u>Engineers</u>									
<u>James Erlandson</u>		<u>Sean Corrigan</u>				<u>Laura Nofziger</u>			
Office	599-4010	Office	326-9812			Office	326-9765		
Home	327-9182	Home	324-2028			Home	326-1790		
Pager	949-2642	Pager	324-4208			Pager	327-8667		

VENDORS:

	<u>SERVICE COMPANY</u>	<u>Phone Number</u>
CASED HOLE:	Black Warrior	326-6669
FREEPOINT/STRING SHOT:	Wireline Specialties	327-7141
PUMPING UNIT:	Energy Pump	564-2874

	<u>Name</u>	<u>Office</u>	<u>Cellular</u>	<u>Pager</u>
Lease Operator	Howard Self		320-2495	324-7474
Specialist	Wayne Ritter		320-0436	324-7225
Foreman	Hans Dube	326-9555	320-4925	949-2664

Allison 6M

1750' FNL, 880' FWL

Unit E, Section 16, T32N, R06W

San Juan County, NM

LAT: 36 DEG 59.0 MIN

LONG: 107 DEG 28.1 MIN

GL = 6,169'

KB= 6,181'

Current Wellbore

Surface Casing:

9-5/8" 32.3# WC-50
Set @ 237'
TOC @ Circ to surface

237'

TOC @ 3,371' CBL

Intermediate Casing:

7" 20# J-55
Set @ 3,206'
TOC @ Circ to surface

3,206'

Pumping Unit:

C-160 Pumping Unit
Polish rod, 8', 6', 4' pony rods, 215 3/4" rods,
1 weight bar, and 1-1/4" pump

Tubing:

2-3/8" 4.7#, J-55
SN Set @ 5,420'

4-1/2" Cement retainer set @ 5508'

CIBP @ 5800'

Production Casing

4.5 10.5# J-55 To Surface
Set @ 7,668'
TOC @ 2,710'

7,668'

PBTD= 7,666'

TD= 7,671'

STIMULATIONS:

Lewis:

4014' - 4560'
200,000# sand, 75Q Foam

Cliffhouse/Upper Menefee:

4775' - 5216'
100,000# 20/40 Arizona in slickwater

Lower Menefee/Point Lookout:

5320' - 5762'
100,000# 20/40 Arizona in slickwater

Lower Point Lookout Squeezed

from 5508' - 5800' w/ 150sx 50/50 H POZ

Dakota:

7568' - 7630'
40,000# 20/40 TLC in slickwater

CURRENT WELLBORE

LLN

06/26/01

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Proposed Wellbore

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TOC @ Circ to surface

237'

TOC @ 2,710' CBL

Intermediate Casing:

7" 20# J-55
Set @ 3,206'
TOC @ Circ to surface

3,206'

Tubing:

2-3/8" 4.7# J-55
SN Set @ 7,606'

Production Casing

4.5 10.5# J-55
Set @ 7,668'
TOC @ 2,710'

7,668'

PBTD= 7,666'
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PROPOSED WELLBORE

LLN

06/26/01