

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 <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <hr/> <p>3. Address &amp; 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 920' FNL, 1450' FEL, Sec. 16, T-30-N, R-6-W, NMPM, Rio Arriba County, NM</p>	<p>API # (assigned by OCD) 30-039-07857</p> <p>5. Lease Number Fee</p> <p>6. State Oil&amp;Gas Lease #</p> <p>7. Lease Name/Unit Name San Juan 30-6 Unit</p> <p>8. Well No. #24</p> <p>9. Pool Name or Wildcat Blanco Mesaverde</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 - Well Test	

13. Describe Proposed or Completed Operations

It is intended to test the subject well according to the attached procedure and wellbore diagram.

**RECEIVED**  
DEC 20 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE  Regulatory Administrator December 16, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date DEC 20 1999

**San Juan 30-6 Unit #24**  
**Well Test Procedure**  
**B 16 30N 06W**  
**Rio Arriba County, NM**  
**Latitude: 36 Deg., 49.04 Min**  
**Longitude: 107 Deg., 27.82 Min.**

**Summary:**

The subject well was completed during 1999 in 7-5/8" and 5-1/2" casing. The Basin Opportunity Lewis Shale Team will perform a basic 7-day stabilized flow and 21-day build-up test on the subject well. This work will aid in determining a fracture conductivity and half-length for a particular stimulation treatment. From this information, the BOT will make recommendations to the division on the appropriate stimulation treatment for the Lewis Shale across the San Juan Basin. After the well testing is complete, the well will be taken off of Lewis only production and placed back on Mesaverde production.

- Comply to all NMOCD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location.
  - Inspect location and wellhead and install rig anchors prior to rig move.
  - Construct blow pit.
1. MOL, hold safety meeting and RU completion rig. Ensure that all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set one (1) 400 BBL frac tank and fill w/ 2% KCL. Blow well down and kill well w/ 2% KCL water as necessary. ND wellhead and NU 7-1/16" 3M BOP, stripping head and blooie line. Operationally test BOP.
  2. TIH to PBTD @ 5440' and check for fill. If fill is encountered, clean out to PBTD w/ air package. If no fill is encountered, TOO H w/ 2-3/8" Mesaverde tbg and stand back.
  3. Open rams on BOP. PU RBP, on-off tool, 6' perf. pup jt, 1 jt. 2-3/8" 4.7# J-55 tbg, SN w/ tubing plug, 26 jts. 2-3/8" 4.7# J-55 tbg, Schlumberger Model "HD" compression set pkr, and 135 jts. 2-3/8" 4.7# J-55 tbg. Set RBP @ +/- 5100' and set pkr @ +/- 4200'. There is a total of 162 jts. of 2-3/8" 4.7# J-55 tbg.
  4. ND stripping head and BOP. NU single tubing hanger wellhead assembly. RU slickline unit. ND bullplug on flowtee. NU lubricator and open master valve. RIH and retrieve tubing plug in SN @ +/- 5024'. POOH w/ tubing plug. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL. Do not RD slickline.
  5. RIH w/ ported No Go tool (1.85" OD), dual Schlumberger memory gauges (1.25" OD), and No Blow Tool. Set assembly in SN (1.78" ID) @ +/- 5024'. Shut in master valve, ND lubricator, and NU bullplug on flowtee. Open master valve and RD slickline unit.
  6. Begin 7-day stabilized flow period. After 7-day stabilized flow, shut well in and begin 21-day build-up period. **SHUT WELL IN AT WELLHEAD, NOT AT SEPARATOR.**
  7. After 21-day build-up period. RU slickline unit. ND bullplug on flowtee. NU lubricator and open master valve. RIH and retrieve gauge assembly set in seating nipple @ +/- 5024'. Shut in master valve, ND lubricator and NU bullplug on flowtee. Open master valve and return well to production.
  8. MOL, hold safety meeting and RU completion rig. Ensure that all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set one (1) 400 BBL frac tank and fill w/ 2% KCL. Blow well down and kill well w/ 2% KCL water as necessary. ND wellhead and NU 7-1/16" 3M BOP, stripping head and blooie line. Operationally test BOP.

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9. Release pkr @ +/- 4200' and TIH to RBP @ +/- 5100'. Latch on to RBP and release. Kill well as necessary. TOOH w/ 128 jts. 2-3/8" 4.7# J-55 tbg, Schlumberger Model "HD" compression set pkr, 18 jts. 2-3/8" 4.7# J-55 tbg, SN, 1 jt 2-3/8" 4.7# J-55 tbg, 6' perf. pup jt, on-off tool and RBP. Lay down RBP and pkr. Stand back workstring.
10. TIH w/ 1 jt 2-3/8" 4.7# J-55 tbg w/ expendable check, SN, and remaining 174 jts. 2-3/8" 4.7# J-55 tbg.. Land tbg @ +/- 5410'.
11. ND BOP, NU single tubing hanger wellhead assy. Pump off expendable check. Obtain a final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL.

Recommend: Steve Campbell 11/29/99  
Production Engineer

Approve: [Signature] 11/29/99  
Team Leader

Approve: Bruce W. Boyer 12-15-99  
Drilling Superintendent

VENDORS:

Tools (retrieving head, RBP, and pkr)  
Slickline:  
Data Analysis:

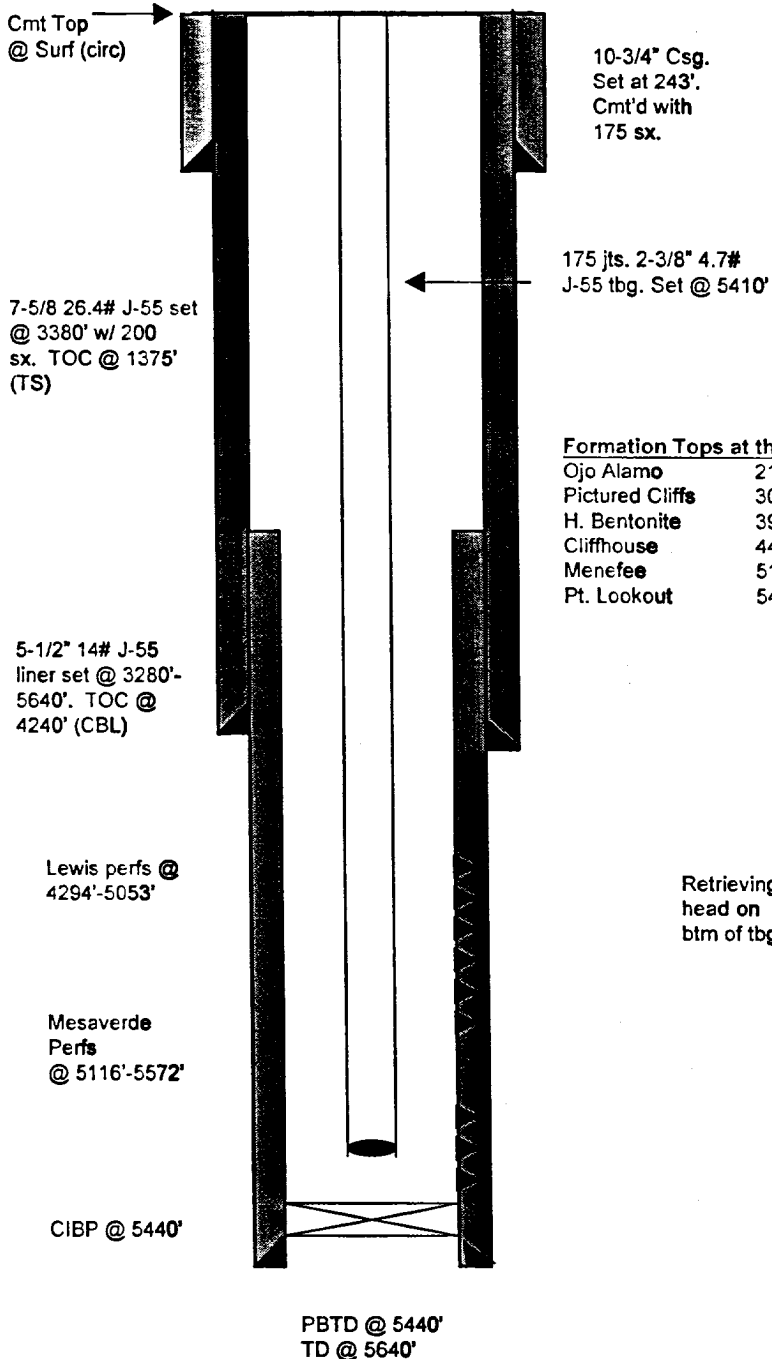
Schlumberger	325-5006
B&R Service Inc.	325-2393
Holditch & Assoc.	(412) 787-5403

Steve Campbell	Home 325-8218	Office 326-9546	Pager 564-1902
Glen Christiansen	Home 327-5089	Office 326-9733	
Hans Dube	Home 564-9401	Office 326-9555	

# San Juan 30-6 Unit #24

Unit B, Section 16, T30N, R06W  
Rio Arriba County, NM

After Well Test Schematic



Well Test Schematic

