

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> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M 1800' FSL, 850' FWL, Sec.18, T-32-N, R-6-W, NMPM, San Juan County, NM</p>	<p>API # (assigned by OCD) 30-045-11386</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Allison Unit</p> <p>8. Well No. #20</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 - Tubing Repair	

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well according to the attached procedure.



SIGNATURE *Peggy Case* Regulatory Administrator January 12, 2000

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERWIN Title DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date JAN 14 2000

Allison Unit #20
Basin Dakota DPNO: 5293002
1800' FSL, 850' FWL
Unit L, Section 18, T-32-N, R-06-W
Latitude: 36° 48.00936', Longitude: 107° 30.92832'

Summary/Recommendation:

The Allison Unit #20 was drilled in 1959 as a Mesa Verde/ Dakota Dual. The Mesa Verde was abandoned during a workover in 1973. Recently, the well quit producing and attempts to swab the well in have failed. Increased water production indicates a hole in the tubing and possibly another casing failure. Anticipated post-workover rates and uplift are 200 MCF/D.

Tubing Repair Procedure:

1. Hold safety meeting. Comply with all NMOC, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Hold safety meetings daily. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. Release Model G seal assembly from the Model D Packer with straight pickup (no rotation required). Seal assembly was set with 10,000# compression. If seal assembly will not come free, then cut 2-3/8" tubing above the packer and fish with overshot and jars. TOOH with 2-3/8", 4.7#, J-55, 8rd tubing (set at 8097'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
4. TIH with Model HE packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8". Mill out Model D packer at 7691' with air/mist. **Note: when using air/mist, the minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate.** After milling over the packer slips, POOH with tools and packer body.
5. TIH w/ 7" fullbore packer and a 5" CIBP. **Note: 7", 26# set from 7332' to 5" liner top and 23# to 3600'. Set 5" CIBP in 5" casing at 7724', pressure test plug to 500#. Set packer at 3625', pressure test below packer and the backside to 500#. If the pressure test doesn't hold, isolate casing leak and contact Operations Engineer for squeeze procedure.**
6. TOOH and lay down packer. TIH w/ a 4-1/4" bit, bit sub on 2-3/8" tubing, drill out CIBP and cleanout to PBTD with air/mist. **Note: When using air/mist, minimum mist rate is 12 bph. TOOH with tubing.**
7. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom then 1/2 of the 2-3/8" production tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace any bad joints. CO to PBTD with air/mist. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. **Note: Clean out only if necessary.**

8. Land tubing at $\pm 8097'$. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. Obtain pitot gauge up the tubing. If well will not flow up the tubing, make swab run to SN. RD and MOL. Return well to production.

Recommended: Mike Haddenham
Operations Engineer

Approved: Bruce W. Bony 12.30.99
Drilling Superintendent

Operations Engineer: Mike Haddenham Pager - 327-8427
BR Office - 326-9577 Home - 326-3102

MDH/amm
12/9/99