

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

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-29615 5. Lease Number Fee 6. State Oil&Gas Lease # 7. Lease Name/Unit Name Allison Unit 8. Well No. #39 9. Pool Name or Wildcat Blanco MV/Basin DK 10. Elevation:
2. Name of Operator <b>BURLINGTON RESOURCES</b> OIL & GAS COMPANY	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	
4. Location of Well, Footage, Sec., T, R, M 2640' FNL, 15' FWL, Sec.18, T-32-N, R-6-W, NMPM, San Juan County, NM	

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 checked="" 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 type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

**RECEIVED**  
OCT 27 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE *Jerry Cole* Regulatory Administrator October 25, 1999

trc

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERREN DEPUTY OIL & GAS INSPECTOR, DIST. 43 Date **OCT 27 1999**  
Approved by \_\_\_\_\_ Title \_\_\_\_\_

**Allison Unit #39**  
**Blanco Mesaverde/Basin Dakota**  
**2640'FNL, 15' FEL**  
**Unit H, Section 18, T-32-N, R-06-W**  
**Latitude: 36° 58.82994', Longitude: 107° 29.44536'**  
**Plug Back Dakota Procedure**

**Recommendation:**


The Allison Unit #39 was drilled and suspended as a MV/DK Duff in February of 1999. Due to water production in the Dakota zone, a CIBP was set at 7900' isolating the complete Dakota formation. After the Dakota was isolated, production increased from 750 to 900 MCF/D and water production dropped from 60 to 0 BPD. During a Team review, it was decided to preserve the Dakota reserves. The CIBP was removed and a pumping unit installed. Subsequently, water production increased to 180 BPD and gas production decreased to 750 MCF/D. Currently, the well's rods are parted.

To return the Allison Unit #39 to production capacity, it is proposed remove the pumping unit, pull the rods and set a CIBP over the Dakota at 7900'. Production uplift is anticipated at 150 MCF/D, bringing the Allison Unit #39 back to 900 MCF/D.

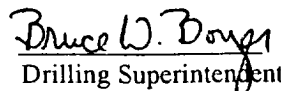
**Workover Procedure:**

1. Hold safety meeting. Comply with all NMOCD, 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/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. RU workover rig. Hold daily safety meetings. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. TOO H w/rods (8007') and pump. 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. 2-3/8" tubing is set at 8009'. Release donut, pick up additional joints of tubing and tag bottom. (Record depth.) PBTD should be at +/-8074'. TOO H with tubing and visually inspect for corrosion and replace any bad joints. Check tubing for scale build-up and notify Operations Engineer.
4. If fill is encountered above 7960', TIH with 3-7/8" bit, bit sub and watermelon mill on 2-3/8" tubing and round trip to below perforations, cleaning out with air/mist. NOTE: When using air/mist, minimum mist rate is 12 bph. If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.
5. Wireline set CIBP @ 7900'.
6. 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. Notify Operations Engineer about water production prior to landing tubing.
7. Land tubing at ±5834'. 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:

  
Operations Engineer

Approved:

 10-25-99  
Drilling Superintendent

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