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

**Sundry Notices and Reports on Wells**

**API # (assigned by OCD)**
30-045-29615

1. **Type of Well**
GAS

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

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

7. **Lease Name/Unit Name**
Allison Unit

8. **Well No.**
#39

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

9. **Pool Name or Wildcat**
Blanco MV/Basin DK

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

10. **Elevation:**

| Type of Submission | Type of Action | |
|---|---|---|
| _X_ Notice of Intent | ___ Abandonment | ___ Change of Plans |
| | ___ Recompletion | ___ New Construction |
| ___ Subsequent Report | _X_ 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 back the subject well according to the attached procedure.

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

SIGNATURE Peggy Cole Regulatory Administrator October 25, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date OCT 27 1999

# 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 Dual 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. TOOH 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'. TOOH 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 ½ 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: Mike Haddenham
Operations Engineer

Approved: Bruce W. Boyer 10-25-99
Drilling Superintendent

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