submitted in lieu of Form 3160-5

**UNITED STATES**
**DEPARTMENT OF THE INTERIOR**
**BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
NMSF-080646

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**
**Huerfano Unit**

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

8. **Well Name & Number**
**Huerfano Unit 116**

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

9. **API Well No.**
30-045-~~26262~~ 05973

4. **Location of Well, Footage, Sec., T, R, M**
990'FNL,1652'FWL, Sec.11, T-26-N, R-10-W, NMPM

10. **Field and Pool**
Angels Peak Gal/
Basin Dakota

11. **County and State**
**San Juan Co, NM**

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

| **Type of Submission** | **Type of Action** | |
|---|---|---|
| _X__ Notice of Intent | ___ Abandonment | ___ Change of Plans |
| | ___ Recompletion | ___ New Construction |
| ___ Subsequent Report | ___ Plugging Back | ___ Non-Routine Fracturing |
| | ___ Casing Repair | ___ Water Shut off |
| ___ Final Abandonment | ___ Altering Casing | ___ Conversion to Injection |
| | _X Other - P & A Gallup, Tubing Repair | |

**13. Describe Proposed or Completed Operations**

It is intended to plug and abandon the Gallup formation and repair tubing in the Dakota formation according to the attached procedure.

**14. I hereby certify that the foregoing is true and correct.**

Signed Peggy Cole Title Regulatory Supervisor Date 08/09/02

FSB

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date 8/20/02

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

# HUERFANO UNIT #116 & NP #116

**Gallup/Dakota**
**990' FNL & 1652' FWL**
**Unit C, Section 11, T026N, R010W**
**Latitude / Longitude: N36° 30.432' / W107° 52.146'**
**AIN: 5306001/02**
**Tubing Repair Procedure – 8/5/2002**

P&A GALLUP

**Project Summary:** The Huerfano Unit #116 and NP #116 Dakota-Gallup hybrid well was drilled and completed in 1961. Three casing strings have been cemented at three different horizons in a common 8-3/4"wellbore. The Dakota and Gallup formations each are producing from a separate 2-7/8" casing string. A 1-1/4" casing string was cemented to the Pictured Cliffs horizon but was never completed. We propose to P&A the Gallup string and cleanout the Dakota string with coil tubing. Wireline reports show sand at the top Dakota perforation. Cumulative production from the Gallup is 151MMCFD and 942MMCF from the Dakota. The Gallup has not produced since October 1998 and the Dakota is currently making 12MCFD. Estimated uplift for the Dakota formation is 62 MCFD gross.

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 <u>any</u> cement job. If an unplanned cement job is required, <u>approval is required before the job can be pumped</u>. <u>If verbal approval is obtained, document approval in DIMS</u>. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.**

2. Obtain and record all wellhead pressures. The Dakota casing is 2-7/8", 6.4#, J-55 PBTD 7021' and Gallup casing is 2-7/8", 6.4#, J-55 PBTD 6268'. A 1-1/4" 2.4# H-40 casing string is set at 2457'; it has not been completed. Slickline set a three slip tubing stop in the Dakota string at 6790', 50' above the Dakota perforations (perf interval 6840-6866'). WL set a CIBP for 2-7/8" 6.4# tubing at 5946', 50' above the Gallup perforations (perf interval 5966-6192').

3. ND wellhead and NU adaptor flange. NU BOP with stripping head. NU relief line. Test and record operation of BOP rams. Have Dakota master-valve serviced as necessary.

4. **<u>Plug 2-7/8" Gallup String (inside plug 5740-5946'):</u>** TIH with 1" CT workstring open-ended; load casing with water and circulate well clean. Pressure test casing to 500#; record leakoff if any. Mix 7 sxs cement (9 cuft) and spot a balanced plug inside casing above the CR to isolate the Gallup perforations. TOH with tubing.

5. **<u>Cleanout 2-7/8" Dakota String:</u>** Slickline retrieve three slip tubing stop. TIH with 1" CT workstring and wash tip; clean out with air/mist to 7021' PBTD. PU above the perforations (perf interval 6840-6866') and flow the well naturally, making short trips for clean up when necessary. Pull above perfs and spot 500 gallons of 15% HCl double inhibited and soak overnight if possible. TIH and circulate out acid. TOOH with tubing. **NOTE: When using air/mist, minimum mist rate is 12 bph.**

6. ND BOP and NU WH. Obtain pitot gauge up casing. **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.** RD and MOL. Return well to production. Swabbing may be necessary to returrn Dakota to production; this will take place after the CT unit has left location.

Recommended: M Wardinsky 8/5/02
Operations Engineer
Mike Wardinsky

Approved: Bruce D. Boyer 8.6.02
Drilling Manager
Bruce Boyer

**Sundry Required:** (YES) **NO**

Approved: Peggy Cole 8-7-02
Regulatory
Peggy Cole

| | | | |
|---|---|---|---|
| Operations Engineer: | Mike Wardinsky | 599-4045 (Office) | 320-5113 (Cell) |
| Lease Operator: | Ramon Florez | 320-2506 (Cell) | 324-8718 (Pager) |
| Specialist: | Johnny Cole | 320-2521 (Cell) | 326-8349 (Pager) |
| Foreman: | Wayne Ritter | 326-9818 (Office) | 320-0436 (Cell) |

MHW/clc