

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1680' FSL, 2140' FEL, Sec.15, T-32-N, R-14-W, NMPM

5. Lease Number

I-22-IND-2485

2772

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Barker #10

9. API Well No.

30-045-11424

10. Field and Pool

Barker Creek Dakota

11. County and State

San Juan Co, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

SEE ATTACHED  
CONDITIONS OF APPROVAL

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

Signed \_\_\_\_\_ Title Senior Staff Specialist Date 9/20/04

(This space for Federal or State Office use)

APPROVED BY D. O. J. 252 Title AMSC

Date 9/20/04

CONDITION OF APPROVAL, if any:

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

NMOC

**Barker #10 P&A**

**Unit J, Section 15, T32N, R14W**

All cement to be Type III, yield 1.39 cuft/sk, 14.5ppg

1. Set cast iron bridge plug at 2900'. ✓
2. Plug 1: DK P&A plug from 2900' - 2800'.
  - a. TIH. Mix and lay 15 sxs of cement on top of plug. TOC 2800'. Pull up and WOC. TIH and tag cement to confirm top. TOOH. This will P&A the Dakota formation.
3. Plug 2: Gallup P&A inside/outside plug from 2142' - 2042'.
  - a. Perforate squeeze hole at 2142'. Set cement retainer at 2092'. Sting into retainer and establish injection. Mix 51 sxs of cement. Squeeze 43.5 sxs below retainer and lay 7.5 sxs above the retainer. TOC 2042'. Pull up and WOC. TIH and tag cement to confirm top. TOOH. This will P&A the Gallup formation.
4. Plug 3: Mesaverde P&A inside/outside plug from 705' - 605'.
  - a. Perforate squeeze hole at 705'. Set cement retainer at 655'. Sting into retainer and establish injection. Mix 51 sxs of cement. Squeeze 43.5 sxs below retainer and lay 7.5 sxs above the retainer. TOC 605'. Pull up and WOC. TIH and tag cement to confirm top. TOOH. This will P&A the Mesaverde formation.
5. Plug 4: Surface shoe and surface P&A from 90' - surface
  - a. Perforate squeeze hole at 90'. Mix 40 sxs of cement. Bullhead cement from surface until annular circulation seen at surface. This will P&A the surface casing shoe and will be the surface plug.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations.

**Burlington Resources Oil and Gas Company**  
**Tribal Lease: I-22-IND-2772**  
**Well: Barker #10**  
**1680' FSL & 2140' FEL**  
**Sec. 15, T. 32 N., R. 14 W.**  
**San Juan County, New Mexico**

**3160**

**This approval is for the completion of the downhole plugging portion of the well only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.**

**The Bureau of Land Management, SJPLC (970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA (970.565-6094) shall be contacted prior to surface reclamation procedures for specific requirements and seed mixtures.**

- The pits and boreholes shall be filled, access road restored, surface re-contoured to blend with surrounding terrain, top soil evenly redistributed.
- Well equipment, dead-men, concrete slabs, cables, piping and trash shall be removed, slash piles chipped and scattered.
- The site shall require weed control, soil preparation and reseeding with a BIA approved seed mix and shall be monitored for 70% growth.

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. When re-vegetation has subsequently been re-established, BLM shall be notified by the operator with a Final Abandonment Notice. A field inspection will then be arranged between the SUIT/UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for release from bond liability.

#### **Conditions of Approval - Notice of Intent to Abandon**

1. Notify this office and Gordon Hammond (UMU Tribe @ 970-564-5690) at least **72 hours** prior to commencing plugging operations.
2. Materials used will be accurately measured.
3. A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations. All unattended pits are to be fenced.
4. Pits are not to be used for disposal of any unauthorized materials.
5. All cement plugs are to be placed through a work string. Cement may be bull-headed down

the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

**5a. Cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100 ft. of the casing or annular void(s) between casings, plus 10% excess volume per 1000 ft. of depth.**

**5b. Surface plugs must be a minimum of 50 ft. within casing and annular voids.**

**5c. Cement plugs placed to fill an open hole shall have sufficient volume to fill a minimum of 100 ft. of open hole, plus 10% excess volume per 1000 ft. of depth.**

6. The well must be filled with a wellbore fluid sufficient to stabilize the wellbore. In the absence of any formation pressure data provided by the operator, this fluid will have a minimum weight of **9 ppg**. The fluid must be left between all plugs.

7. A blowout preventer and related equipment shall be installed and tested prior to working in a wellbore with any exposed zones (a) that are overpressured, (b) where pressures are unknown, or (c) known to contain H<sub>2</sub>S.

8. Within 30 days after plugging of the well, file 4 copies of a Subsequent Report of Abandonment (SRA) via Sundry Notice. This report should include the following information:

- a. Date(s) of plugging operations.
- b. Procedure used to plug the well.
- c. Depth of plugs.
- d. Type and volume of plugs set.
- e. Casing types/lengths left in the well.