

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

2. Name of Operator  
**BURLINGTON  
RESOURCES** 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  
990' FNL 1650' FEL, Sec. 12, T-25-N, R-6-W, NMPM

5. Lease Number  
SF- 078884

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
Canyon Largo Unit

8. Well Name & Number  
Canyon Largo Unit#184

9. API Well No.  
30-039-20535

10. Field and Pool  
Otero Chacra

11. County and State  
Rio Arriba 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 this well according to the attached procedure.

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

Signed *David J. Brann* (KLM) Title Regulatory Administrator Date 7/6/98  
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_ Date JUL 20 1998  
CONDITION OF APPROVAL, if any:

## PLUG AND ABANDONMENT PROCEDURE

6-17-98

### Canyon Largo Unit #184

Otero Chacra

990' FNL & 1650' FEL

NE, Sec. 12, T25N, R6W

Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50% excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Prepare blow pit. Comply to all NMOC, BLM, and BRO&G safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
2. Open bradenhead valve. Establish rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 70-90 7/8" RCN balls (SG = 1.3) in additional water and monitor pressure, rate and volumes pumped, to confirm perforations are taking water and there is not a casing leak. If ballout occurs then surge balls off of perforations and re-establish a pump-in rate. If the bradenhead flows water or there are other indications of a casing leak, then MO and RU pulling unit to use 1-1/4" IJ tubing workstring to plug the well.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops, 3838' - 2185'):** Establish rate into perforations with water. Mix and pump 100 sxs Class B cement (20% excess) and bullhead cement down 2-7/8" casing, displace to 800' with water. Shut in well and WOC. Rig up mast truck and tag cement with wireline. Pressure test casing to 500#.
4. **Plug #2 (Nacimiento top, 710' - 610'):** Perforate 3 HSC squeeze holes at 710'. Establish rate into squeeze holes if casing tested. Mix 41 sxs Class B cement and squeeze 35 sxs cement outside 2-7/8" casing and leave 6 sxs cement inside casing to cover Nacimiento top. Displace cement to 500' with water. If casing leaks, use tubing and a wireline set retainer at 660'. POH and LD tubing.
5. **Plug #3 (8-5/8" Casing Shoe at 141'):** Perforate 2 squeeze holes at 191'. Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

*X. F. McElroy* 6/17/98  
Operations Engineer

Approval:

*Bruce W. Borg* 6/27/98  
Drilling Superintendent