Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
NMSF078511

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

7. **Unit Agreement Name**

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

8. **Well Name & Number**
Quinn #339

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

9. **API Well No.**
30-045-28094

4. **Location of Well, Footage, Sec., T, R, M**
1825'FSL, 835'FWL, Sec.20, T-31-N, R-8-W, NMPM

10. **Field and Pool**
Basin Fruitland Coal

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	_X_ 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
	___ Other -	

13. **Describe Proposed or Completed Operations**

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

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

Signed Peggy Cole Title Regulatory Supervisor Date 11/16/01

TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 12/12/01

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.

Quinn #339

Basin Fruitland Coal AIN: 515801
1825' FSL and 835' FWL, Section 20, T-31-N, R-8-W
San Juan Co., New Mexico, 30-045-28094
Long: 36° 52.87', Lat: 107° 42.25'

Plug and Abandonment

Recommendation:

The Quinn #339 was drilled and completed in the Fruitland Coal formation in 1990. Initially this well was a strong producer at over 2 MMcf/d. Cum gas is 4678.09 MMscf. Historically, the Quinn #339 has had four capital workovers and several pump changes. In September of 2000, the Overpressured Fruitland Coal team performed a stimulation via conventional fracturing technique to recover the 307 MMcf of gas reserves. The well remained non-productive and has been since May of 1999. This well is currently a BLM demand well. Production Operations request for Plug and Abandonment. All teams have reviewed and approved for a P&A.

Plug and Abandonment Procedure:

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors if necessary. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. TOH and tally 104 joints 2-3/8" EUE tubing, total 3258'. If necessary LD and PU workstring. Round-trip 4-1/2" gauge ring to 3392', but no deeper than 3442' (OH).

3. **Plug #1 (Fruitland Coal open hole interval, 3442' – 2886'):** Set a 4-1/2" CIBP at 3392' on wireline. TIH with open-ended tubing and tag. Load well with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 46 sxs cement and spot a balanced plug above to isolate Fruitland Coal interval. PUH to 2269'.

4. **Plug #2 (Kirtland and Ojo Alamo tops, 2269' – 2099'):** Mix 17 sxs cement and spot a balanced plug inside to cover the Kirtland and Ojo Alamo tops. PUH to 402'.

5. **Plug #3 (9-5/8" casing shoe, 402' – 302'):** Mix 12 sxs cement and spot a balanced plug inside casing to cover the 9-5/8" casing shoe. TOH and LD tubing.

6. **Plug #4 (Surface, 50' - surface):** Perforate 2 HSC squeeze holes through both the 4-1/2" and 7" casings at 50'. Establish circulation out bradenhead with water. Mix and pump approximately 20 sxs cement and pump down 4-1/2" casing to circulate good cement out the 4-1/2" x 7" intermediate annulus and the bradenhead valves. Shut in well and WOC.

7. ND BOP and cut off wellhead below surface casing head . Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approved: Bruce W. Boyer 11-14-01
Drilling Superintendent

Regulatory Approval: Peggy Cole Required: Yes ✓ No ___

Operations Engineer: Tim Friesenhahn

Office: 326-9539
Pager: 326-8113

Production Foreman: Hans Dube

Office: 326-9555
Pager: 949-2664
Cell: 320-4925