

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. 9, T-26-N, R-10-W, NMPM

5. Lease Number
NMSF-080120A

6. Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Huerfano Unit 21

9. API Well No.
30-045-05969

10. Field and Pool
West Kutz Pictured Cliffs

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 procedures.

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

Signed *Regan Cole* Title Regulatory Supervisor Date 02/04/02
FSB

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 2/12/02

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.

PLUG AND ABANDONMENT PROCEDURE 1/4/02

Huerfano Unit #21

West Kutz Pictured Cliffs

990' FNL & 1650' FEL,

Unit B, Section 9, T26N, R10W

Latitude 36° 30.4314' Longitude: 107° 53.8506'

AIN: 5094301

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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Lay relief lines for casing and blow down well; kill well with water as necessary. ND wellhead and NU BOP, test BOP.
2. Tally 1-1/4" workstring. Round-trip 3-1/2" wireline gauge ring or casing scraper to 2180'.
3. **Plug #1 (Pictured Cliffs perforations, and Fruitland top, 2180' – 1907'):** Set 3-1/2" wireline CIBP at 2180'. TIH with open ended tubing and tag CIBP. Load casing with water and establish circulation. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 14 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations and to cover the Fruitland top. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1470' – 1210'):** Perforate 4 bi-wire squeeze holes through both the 3-1/2" and 5-1/2" casings at 1470'. Establish rate into squeeze holes if casing tested. Mix and pump 87 sxs cement down the 3-1/2" casing, squeeze 74 sxs cement outside 3-1/2" casing into 5-1/2" annulus and leave 13 sxs cement inside 3-1/2" casing to cover the Kirtland and Ojo Alamo tops. WOC and tag cement. If casing did not test then set a 3-1/2" cement retainer at 1420'. TIH with tubing and establish rate below. Cement with 87 sxs. TOH and LD tubing.
5. **Plug #3 (8-5/8" surface casing, 168' - Surface):** Pressure test the 3-1/2" x 5-1/2" annulus to 500#. If it does not hold, then attempt to circulate full with cement. Perforate 4 bi-wire holes at 168'. Establish circulation out bradenhead with water. Mix and pump approximately 80 sxs cement down the 3-1/2" casing, circulate good cement out the bradenhead. Shut in well and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:

M Wardinsky 1/3/02
Operations Engineer

Approval:

Bruce W. Bony 2-1-02
Drilling Superintendent

Operations Engineer:

Mike Wardinsky
599-4045 (Office)
320-5113 (Cell)

Sundry Required: YES / NO

Approved:

Deanna Case 2-1-02
Regulatory

Production Foreman:

Wayne Ritter 326-9818 (Office)

320-0436 (Cell)

Specialist:

Johnny Cole 320-2521 (Cell)

326-8349 (Pager)

Lease Operator:

Ramon Florez 320-2506 (Cell)

326-8718 (Pager)

MHW/clc