

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

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2006 SEP 29 PM 2 24

RECEIVED
070 FARMINGTON NM

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**
Sec., T—N, R—W, NMPM

Unit P (SESE), 890' FSL & 991' FEL, Sec. 36, T27N, R11W NMPM

5. **Lease Number**
NMNM-01074

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

7. **Unit Agreement Name**

Huerfano Unit

8. **Well Name & Number**

Huerfano Unit #84

9. **API Well No.**

30-045-06109

10. **Field and Pool**

11. **County and State**
Kutz PC/ Basin FC
San Juan, 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

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☒ Other : Plug Back PC

13. Describe Proposed or Completed Operations

Burlington Resources plans to plug back the PC formation, and install a jet pump in the FC formation. This well will be returned to production as a Fruitland Coal only producer. Please see attached WBD & procedure.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Signed Philana Thompson Title Regulatory Tech Date 9/29/06

(This space for Federal or State Office use)

APPROVED BY Philana Thompson Title Reg. Tech Date 10/2/06

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.

NMCCD

Huerfano Unit #84: Jet Pump Installation Procedure

890' FSL & 991' FEL

27N 11W Sec. 36 Unit P

San Juan County, NM

Lat: N36 31.625 Long: W107 56.963

AIN #5107101/02

Scope: Moving on well to remove tubing, mechanically plug back the Pictured Cliffs formation, and install jet pump in the Fruitland coal.

1. Install and test rig anchors. File a NMOCD C-103 pit request. Prepare lined waste fluid pit.
2. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Hold safety meeting. MIRU. Record tubing and casing pressures. NU relief line and blow well down; kill well with SRB treated 2% KCL water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. TOH and inspect 65 joints 2.375" tubing with SN at 2050', tally 2052'. If necessary LD tubing and use a work string. Round-trip 5.5" 4-3/4" watermelon mill or wireline gauge ring to 2040'.
4. RU wireline. Plug back PC formation by setting a 5.5" CIBP at 2040' (Top PC perf at 2050', bottom FC perf at 2032'). TIH with packer on 2-3/8" tubing and test CIBP to 500psi for 30min. Record pressure test on 2 hour official chart. ND wireline.
5. Change tubing slips to handle 2-7/8" tubing and well head flange to accommodate 1-1/4" IJ.
6. PU outer tubing string BHA and TIH to +/- 2035 (PBTD 2040') as follows:
 - a. Bull plugged 2.375" x 16' L80 sand screen sub
 - b. 30" Jet pump body (show serial # in DIMS or WellView)
 - c. 66 jts 2-7/8" J-55 6.4# UFJ tubing (makeup torque 800-1000 ft-lbs)
 - d. 2-7/8" J55 UFJ pup joints as needed to space out
 - e. Crossover sub (2-7/8" J55 UFJ pin x wellhead connection)
7. Land 2-7/8" 6.4# J-55 UFJ tubing 2035'.
8. PU inner 1-1/4" tubing string BHA and TIH as follows:
 - a. Inner pump (nozzle, diffuser) w/ 1-1/4" IJ box looking up
 - b. 66 jts 1.660" IJ tubing (makeup torque only 400-500 ft-lbs)
 - c. 1.660" pup joints as needed to space out
9. GENTLY stack out tubing into pump, rotate tubing to confirm alignment in outer pump body. Space out inner tubing so most string weight is on pump. Hang off in spool.
10. ND BOP. NU WH. Pressure test seal assembly to 3000 psi. RD MO.
11. Turn well over to production. Notify Robin Danek, cell # 505-320-4666.
12. Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closure is done.

Recommended:

Operations Engineer
Zach Stradling
Office - (324-5141)
Cell - (486-0046)

Approved: _____

Drilling Superintendent

Sundry Required: YES NO

Approved: _____

Lease Operator: Robin Danek
Specialist: Garry Nelson
Foreman: Jim Kennedy

Cell: 320-4666 Pager: 324-7418
Cell: 320-2565 Pager: 326-8597
Office: 599-3487 Pager: 327-8861

HUERFANO UNIT 84 PC/FC

Unit P T027N R011W Sec.036

890 FSL & 991 FEL

SAN JUAN COUNTY, NM

PICTURED CLIFFS/FRUITLAND COAL

Latitude N36 31.613

Longitude W107 56.946

Spud date: 11/23/56

Completion Date: 2/12/57

API 30045061090000

Meter 92800 92800

GL = 6587'

KB= 6597'

AIN 5107101 5107102

Current Wellbore**STATUS**

FLOWING W/COMPRESSOR

CASING RECORD:

9-5/8" 25.4# set @ 135'

Cemented with 100 sxTOC @ surf (circ)

TUBING RECORD:

2-3/8" 4.7# J-55 set @ 2052'

TOC @ 1305'
(by TS 11/28/56)**CASING RECORD:**

5-1/2" 15.5# J-55 set @ 2169'

Cemented with 150 sxTOC @ 1305' (by TS 11/28/56)

FORMATION TOPS:

Ojo Alamo	1000'
Kirtland	1134'
Fruitland Coal	1652'
Pictured Cliffs	2050'

WORKOVER HISTORY:

8/13/1990	FC recomple, set CIBP @ 2040', isolate leak @ 1148' and sqz 200 sx, CO to 2040'
1/4/2002	Commingle FC/PC (mill CIBP, CO to 2120'), land tbq @ 2052'
3/23/2004	Re-delivered after 90 days no production
3/31/2005	Re-delivered after 90 days no production

Fruitland Coal

Perforations:

1796'-2032'

Stimulation:

70 quality foam, 30# linear gel, 160,000# sd, N2

Pictured Cliffs

Perforations:

2050'-2064'

Stimulation:

29,232 gal wtr, 25,000# sd

PBTD=	2120'
TD=	2170'

BLM CONDITIONS OF APPROVAL

WORKOVER AND RECOMPLETION OPERATIONS:

A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

SPECIAL STIPULATIONS:

1. Pits will be fenced during work-over operation.
2. All disturbance will be kept on existing pad.
3. All pits will be pulled and closed immediately upon completion of the work-over activities.
4. Pits will be lined with an impervious material at least 12 mils thick.