

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

1980' FNL, 1980' FWL, Sec.24, T-26-N, R-10-W, NMPM

5. Lease Number

SF-077938

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfano Unit

8. Well Name & Number

Huerfano Unit #4

9. API Well No.

30-045-05763

10. Field and Pool

Basin DK/Basin FC

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

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

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

Signed Peggy Cole Title Regulatory Administrator Date 12/6/99
trc

(This space for Federal or State Office use)

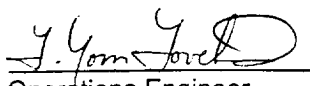
APPROVED BY Chy Hanada Title Acting Team Lead Date 1/6/00

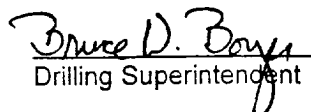
CONDITION OF APPROVAL, if any:

Huerfano Unit #4
Basin Fruitland Coal
1980' FNL, 1980' FWL, Section 24, T26N, R10W
San Juan County, New Mexico
Lat: 36° 28.53696' / Long: 107° 50.95734'
P&A Procedure 11/22/99

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. Install and test location rig anchors. 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 well with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. PU one joint of 2-3/8" tubing and tag CIBP at 2140' or as deep as possible.
3. **Plug #1 (Pictured Cliffs top and Fruitland Coal perforations, 2140' - 1889')**: Pump 50 bbl of water down tubing. Mix 71 sxs Class B cement (long plug, 50% excess) and spot a plug above the existing CIBP at 2140' to cover the Pictured Cliffs top, fill the Fruitland Coal perforations, and cover the Fruitland Coal top. TOH and tally 68 joints 2-3/8" tubing (2106'). WOC and then TIH and tag. TOC must be at or above 1889'. Load the casing with water and circulate clean. Pressure test the casing to 500#. If the casing does not test, then spot or tag subsequent plugs as appropriate. PUH to 1422'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1422' - 1160')**: Mix 59 sxs Class B cement and spot a balanced plug inside the casing to cover Kirtland and Ojo Alamo tops. TOH and stand back tubing.
5. **Plug #3 (13-3/8" casing shoe, 606' - 506')**: Perforate 3 HSC squeeze holes at 606'. Establish rate into squeeze holes. TIH with 2-3/8" tubing and set a 7" cement retainer at 556'. Establish rate under retainer. Mix 96 sxs Class B cement and squeeze 67 sxs outside the 7" casing to cover the surface casing shoe, leaving 29 sxs inside the casing. TOH and LD tubing.
6. **Plug #4 (Surface)**: Perforate 3 HSC squeeze holes at 50'. Establish circulation out the bradenhead. Mix approximately 40 sxs Class B cement and pump down the 7" casing from surface to 50', circulating good cement out bradenhead. Shut in well and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:  11/24/99
Operations Engineer

Approval:  11-24-99
Drilling Superintendent

Operations Engineer: L. Tom Loveland

Office: 326-9771
Pager: 324-2568
Home: 564-4418

Huerfano Unit #4

Current

Asset No. 5001402

Basin Fruitland Coal

NW, Section 24 T-26-N, R-10-W, San Juan County, NM

Lat:36 - 28.53696' / Long:107 - 50.95734'

Today's Date: 11/22/99

Spud: 11/11/50

Dk Comp: 9/8/51

FtC Comp: 12/6/96

Elevation: 6636' GR
6649' KB

Ojo Alamo @ 1210'

Kirtland @ 1372'

Fruitland Coal @ 1939'

Pictured Cliffs @ 2132'

2-3/8" Tubing set at 2119'
(68 jts, EUE)

Mesaverde @ 3000'

Mancos @ 4700'

Dakota @ 6605'

17-1/2" hole

8-3/4" hole

6-1/8" hole

13-3/8" 36# Csg set @ 556'
Cmt w/ 550 sxs (Circulated to Surface)

TOC @ 650' (CBL, 1996)

Squeeze holes at 1300'
sqz w/100 sxs

Squeeze holes at 1422'
sqz w/210 sxs

Squeeze holes at 1850'
sqz w/110 sxs

Fruitland Coal Perforations:
1914' - 2130' (1996)

CIBP junk at 2140'

Squeeze holes at 2160'
sqz w/85 sxs

Cement plug - 115 sxs with CR at 2815'.
Left 2.4 sxs on CR. Squeeze holes at 2300'

Cement plug - 55 sxs
with CR at 3004' (31 below, 24 above)

Squeeze holes at 3050'

Cement plug - 20 sxs above CR at 5615'
Squeeze holes at 5670' (Could not pump into these holes)

TOC @ 6180' (T.S.)

Cement plug - 19 sxs
above CIBP at 6312'

Top of liner @ 6356'

7" 22, 23, & 24# Casing @ 6440'
Cmt with 160 sxs

5-1/2" 14# Casing Liner from 6356' to 6776'
Uncemented

TD 7072'

WELL HISTORY

Nov '96: P&A Dk, Complete FtC: Pull tubing; P&A Dakota thru Mesaverde zones; run CBL, poor bond over Fruitland Coal; perforate and sqz 5-1/2" casing numerous times until adequate bond; perforate and N2 treat Coal zones; DO CIBP used in completion & chased it to 2140' before landing tubing.

Huerfano Unit #4

Proposed P&A

Asset No. 5001402

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Mesaverde @ 3000'

Mancos @ 4700'

Dakota @ 6605'

17-1/2" hole

8-3/4" hole

6-1/8" hole

TD 7072'

Perforate @ 50'

13-3/8" 36# Csg set @ 556'
Cmt w/ 550 sxs (Circulated to Surface)

Cement Rt @ 556'

Perforate @ 606'

Plug #4 50' - Surface
Cmt with 40 sxs Class B

Plug #3 606' - 506'
Cmt with 96 sxs Class B,
67 sxs outside casing
and 29 sxs inside.

Plug #2 1422' - 1160'
Cmt with 59 sxs Class B

Plug #1 2140' - 1889'
Cmt with 71 sxs Class B

Fruitland Coal Perforations:
1914' - 2130' (1996)

CIBP junk at 2140'

TOC @ 6180' (T.S.)

Top of liner @ 6356'

7" 22, 23, & 24# Casing @ 6440'
Cmt with 160 sxs

5-1/2" 14# Casing Liner from 6356' to 6776'
Un-cemented