

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 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

1850' FNL, 1500' FEL, Sec. 34, T-27-N, R-9-W, NMPM

5. Lease Number
NMSF-080117

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfanito Unit

8. Well Name & Number
Huerfanito Unit #74

9. API Well No.
30-045-06148

10. Field and Pool
Basin Dakota

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 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 Nancy Oltsmanns Title Senior Staff Specialist Date 6/1/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date JUN 04 2004
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.

NMOC D

Huerfanito Unit #74 Sundry Procedure
Unit G, Section 34, T27N, R9W

1. MIRU workover rig. NU and test BOP. TOOH with tubing.
2. Attempt 3.875" gauge ring run to PBTD.
3. **Plug 1: Dakota (TOC 6539', DK top 6642')** If unable to get down with gauge ring (*most likely case*), lay in cement plug (42 sxs) from PBTD to 6539' to P&A the Dakota. WOC. Tag with work string to verify TOC. [If able to get down with gauge ring, set cement retainer at 6589' and set 100' cement plug (12 sxs) above. TOC at 6489'. WOC. Tag with work string to verify TOC.]
4. **Plug 2: Gallup (5794' - ~~5874'~~ 5794', GL top ~~5824'~~ 5794')** Pick up work string to 5794'. Lay in cement plug (12 sxs) from ~~5874'~~ 5794' to P&A the Gallup. WOC. Tag with work string to verify TOC. ~~5694'~~
5. **Plug 3: Bad Casing (4588' - 4881')** TIH with packer to +/- 4470'. Set packer and test backside to 500 psi for 15 minutes. Establish injection under packer. Squeeze milled tight spots from 4588' to 4881' with 45 sxs. Release packer. TOC at 4530'. Pressure test squeeze to 500 psi for 15 minutes. WOC. Tag with work string to verify TOC.
6. **Plug 4: Mesaverde (3748' - 3848', MV top 3798')** Perforate 2 squeeze holes at 3848'. Set cement retainer at 3798'. Establish injection under retainer and cement with at total of 51 sxs (39 sxs outside casing and 12 sxs inside casing). Leave 6 sxs on top of retainer to P&A the Mesaverde. TOC at 3748'.
7. **Plug 5: Chacra (3107' - 3207', CH top 3157')** Perforate 2 squeeze holes at 3207'. Set cement retainer at 3157'. Establish injection under retainer and cement with at total of 51 sxs (39 sxs outside casing and 12 sxs inside casing). Leave 6 sxs on top of retainer to P&A the Chacra. TOC at 3107' ¹⁹¹⁰
8. **Plug 6: Pictured Cliffs/Fruitland Coal (2085' - 2310', PC top 2260', FC top ~~2135'~~ 2085')** TIH with work string to 2310'. Lay in cement plug (27 sxs) from 2310' to ~~2085'~~ 2085' to P&A the Pictured Cliffs and Fruitland Coal. TOOH and lay down work string. ¹⁹⁶⁰
9. **Plug 7: Kirtland, Ojo Alamo, 8-5/8" shoe and surface (1582' to surface, KT top 1532', OA top 1278', 8-5/8" shoe 348')** Perforate 2 squeeze holes at 1582'. Establish circulation out of the 4-1/2" x 7" annulus. Bullhead from surface +/- 600 sxs until good cmt returns are seen at surface. Shut well in and WOC. TOC at surface. ¹⁹¹⁰
10. ND BOP and cut off casing below surface. Install dry hole marker. RDMO workover rig. Restore location.

Huerfanito Unit #74
1850' FNL , 1500' FEL
Unit G, Section 34, T27N, R9W
San Juan County, NM
36 Deg. 32.03 Min. 107 Deg. 46.36 Min.
G 6433 KB 6447

Current Wellbore

Proposed Wellbore

Surface Casing:

Hole Size - 12-1/4"
 CSG - 8-5/8" 24# J-55
 Set @ 348'
 CMT Top @ Surface

Production Casing:

Hole Size - 7-7/8"
 Csg - 4-1/2" 10.5#/9.5# J-55
 Set @ 6915
 DVT @ 4946 2412
 CMT Top @
 First Stg 4584' @ 75%
 Second Stg 4387' @ 75%
 Third Stg 1456' @ 75%

Tubing

2-3/8" 4.7# J-55
 Set @ ?

Nacimiento surface
 Ojo Alamo 1278
 Kirtland 1532
 Fruitland 2135
 Pictured Cliffs 2260
 Chacra 3157
 Mesaverde 3798
 Gallup 5824
 Dakota 6642

P&A sqz perfs @ +/- 1582'
 Cmt circulated to surface
 Cmt left inside casing

Cmt retainer @ 3157'
 P&A sqz perfs @ 3207'

Cmt retainer @ 3798'
 P&A sqz perfs @ 3848'

Plug 3
 Sqz milled tight spots from 4588' to 4881'
 Cmt left inside casing with top at 4530'
 Cmt w/ 45 sxs

Current:
Basin Dakota
 6639' - 6873'
 95k# sand, 94.4k gal
 water with 40 tons CO2

6/01 - TOOH with tbg, pumped acid,
 blow well around. TIH with 3-7/8"
 tapered mill and tagged at 4588'. Milled
 intermittently to 4881'. TIH with 68 jts
 tubing.

P&A'd - Plug 7
Surface shoe,
KT and OA
 surface - 1582'
 43 sxs cmt
 balanced plug

P&A'd - Plug 6
PC and FC
 2085' - 2310'
 27 sxs cmt
 balanced plug

P&A'd - Plug 5
Chacra
 3107' - 3207'
 cmt w/ 51 sxs,
 39 outside csg,
 12 inside csg

P&A'd - Plug 4
Mesaverde
 3748' - 3848'
 cmt w/ 51 sxs,
 39 outside csg,
 12 inside csg

P&A'd - Plug 2
Gallup
 5774' - 5874'
 12 sxs cmt
 balanced plug

P&A'd - Plug 1
Dakota
 PBTD - 6539'
 cmt w/ 42 sxs
 balanced plug

PBTD= 6886'
 TD= 6922'

PBTD= 0'
 TD= 6,922'

ARI

5/28/2004