

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

1850' FNL, 790' FEL, Sec.15, T-26-N, R-9-W, NMPM

5. Lease Number

NM-03154

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

Huerfano Unit

8. Well Name & Number

Huerfano Unit #299

9. API Well No.

30-045-29588

10. Field and Pool

Angels Peak Gallup

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 *Wayne Townsend* Title Regulatory Administrator Date 9/13/99  
trc

(This space for Federal or State Office use)

APPROVED BY WAYNE TOWNSEND Title A.T.C. Date 10/2/99  
CONDITION OF APPROVAL, if any:

## Huerfano Unit #299

Angels Peak Gallup

1850' FNL & 790' FEL, Sec. 15, T26N, R9W

San Juan County, New Mexico

Latitude / Longitude: 36° 29.4177' / 107° 46.17738'

Recommended P&A Procedure 8/31/99

**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.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOC, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. If rods are present, TOH and LD both rods and pump.
2. ND wellhead and NU BOP and stripping head. Test BOP. TOH and tally 188 joints 2-3/8" tubing. Round-trip 4-1/2" gauge ring to 5400', or as deep as possible.
3. **Plug #1 (7" Casing shoe, Gallup top and 4-1/2" liner top 5501' - 5271')**: Perforate 4-1/2" liner at 5501' with 3 HSC holes. Set 4-1/2" cement retainer at 5400' with 2-3/8" tubing. Pressure test tubing to 500#. Load casing and circulate clean. Pressure test casing to 500#. If casing does not test, notify Operations Engineer and Drilling Superintendent, and then spot or tag subsequent plugs as appropriate. Mix and pump 52 sxs Class "B" cement, squeeze 27 sxs below cement retainer and spot 25 sxs above to isolate Gallup top and cover 4-1/2" liner top. TOH and stand back tubing.
4. **Plug #2 (Mesaverde top, 3582' - 3482')**: RU wireline and run a CBL from 5200' to surface. Report results to Operations Engineer and Drilling Superintendent (the remainder of this procedure may change due to the CBL's results). RD wireline. TIH with 2-3/8" tubing to 3582'. Mix 28 sxs Class "B" cement and spot a balanced plug to cover the Mesaverde top. PUH to 2004'.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 2004' - 1760')**: Mix 55 sxs Class "B" cement and spot balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. PUH to 1301'.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 1301' - 1083')**: Mix 50 sxs Class "B" cement and spot balanced plug inside casing to cover Kirtland and Ojo Alamo tops. TOH and LD tubing.
7. **Plug #5 (9-5/8" Casing Shoe at 365')**: Perforate 3 HSC squeeze holes at 415'. Establish circulation out bradenhead valve. Mix and pump approximately 145 sxs Class "B" cement down the 7" casing, circulating good cement to surface out bradenhead valve. Shut-in well and WOC.
8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: *J. Yone Lovel* 9/10/99  
Operations Engineer

Approval: *Bruce W. Bonys* 9-10-99  
Drilling Superintendent

**Operations Engineer:** L. Tom Loveland

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

# Huerfano Unit #299

Current

Angels Peak Gallup

NE, Section 15, T-26-N, R-9-W, San Juan County, NM

Lat: 36 - 29.4177' / Long: 107 - 46.17738'

Today's Date: 8/27/99  
Spud: 4/15/98  
Completed: 6/23/98  
Elevation: 6272' GL  
6284' KB

12-1/4" hole

9-5/8" 32.3#, Casing set @ 365'  
325 sxs cmt (384 cf circulated to surface)

TOC Unknown,  
(A calculated 75% efficiency  
should have circulated.)

Ojo Alamo @ 1133'

Kirtland @ 1251'

Fruitland @ 1810'

Pictured Cliffs @ 1954'

2-3/8" Tubing set at 5887'.  
(188 jts, EUE with SN at 5850')

Mesaverde @ 3532'

Gallup @ 5423'

8-3/4" hole

Liner Top @ 5321'

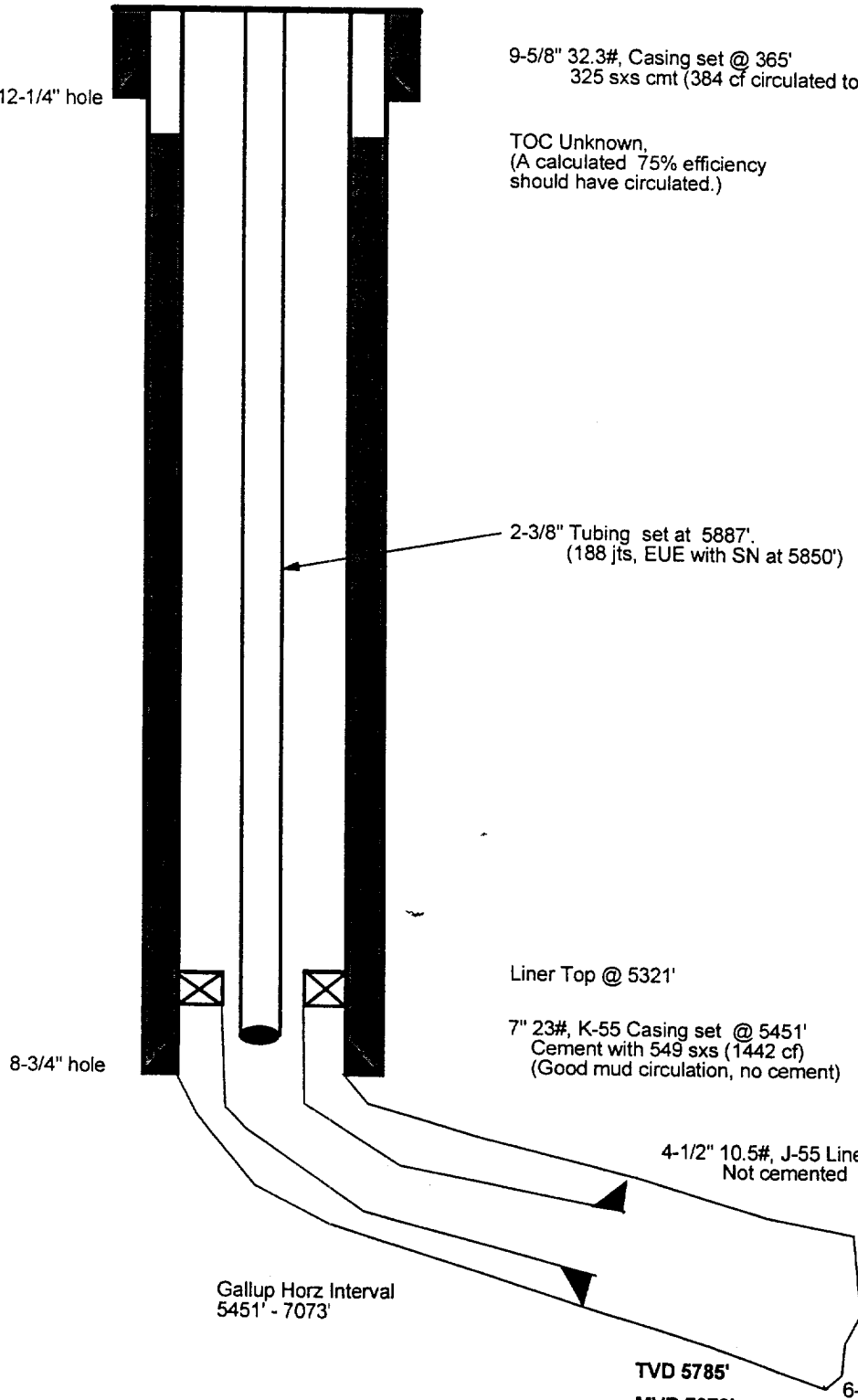
7" 23#, K-55 Casing set @ 5451'  
Cement with 549 sxs (1442 cf)  
(Good mud circulation, no cement)

4-1/2" 10.5#, J-55 Liner from 5321' to 6116'  
Not cemented

Gallup Horz Interval  
5451' - 7073'

TVD 5785'  
MVD 7073'

6-1/4" hole



# Huerfano Unit #299

## Proposed P&A

Angels Peak Gallup

NE, Section 15, T-26-N, R-9-W, San Juan County, NM

Lat: 36 - 29.4177' / Long: 107 - 46.17738

Today's Date: 8/27/99  
Spud: 4/15/98  
Completed: 6/23/98  
Elevation: 6272' GL  
6284' KB

12-1/4" hole

9-5/8" 32.3#, Casing set @ 365'  
325 sxs cmt (384 cf circulated to surface)

Perforate @ 415' Plug #5 415' - Surface  
Cmt with 145 sxs Class B

TOC Unknown,  
(A calculated 75% efficiency  
should have circulated.)

Ojo Alamo @ 1133'

Kirtland @ 1251'

Plug #4 1301' - 1083'  
Cmt with 50 sxs Class B

Fruitland @ 1810'

Pictured Cliffs @ 1954'

Plug #3 2004' - 1760'  
Cmt with 55 sxs Class B

Mesaverde @ 3532'

Plug #2 3582' - 3482'  
Cmt with 28 sxs Class B

Gallup @ 5423'

8-3/4" hole

Cement Rt @ 5400'

Perforate @ 5501'

Liner Top @ 5321'

Plug #1 5501' - 5271'  
Cmt with 52 sxs Class B,  
squeeze 27 sxs below CR  
and 25 sxs above.

7" 23#, K-55 Casing set @ 5451'  
Cement with 549 sxs (1442 cf)  
(Good mud circulation, no cement)

4-1/2" 10.5#, J-55 Liner from 5321' to 6116'  
Not cemented

Gallup Horz Interval  
5451' - 7073'

TVD 5785'  
MVD 7073'

6-1/4" hole

