

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

RECEIVED

OCT 06 2010

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

Unit E (SWNW), 1845' FNL & 945' FWL, Section 27, T27N, R9W, NMPM

Farmington Field Office
Bureau of Land Management

5. Lease Number
NMSF-078356-B
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfanito Unit

8. Well Name & Number
Huerfanito Unit 42

9. API Well No.
30-045-06251

10. Field and Pool
Ballard Pictured Cliffs

11. County and State
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 -

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic.

RCVD OCT 28 '10

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 10/6/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date

OCT 25 2010

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.

NMOCD

ABANDONMENT PROCEDURE

September 16, 2010

Huerfanito Unit 42

Ballard Pictured Cliffs

1845' FNL and 945' FWL, Unit E Section 27, T27N, R09W

San Juan County, New Mexico / API 30-045-06251

Lat: 36° 32' 54.24" N/ Long: 107° 46' 51.924" W

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
Tubing: Yes____, No X, Unknown____ Size____, Length____.
Packer: Yes____, No X, Unknown____ Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (PC perforations, Fruitland, Kirtland, and Ojo Alamo tops: 2228' – 1313')**: Establish rate into PC perforations with water. Mix and pump total of 43 sxs cement (long plug, 30% excess) and bullhead the down 2.875" casing: first pump 10 sxs cement, then drop 10 RCN balls, then pump 33 sxs cement and do not displace. Shut in well and WOC. TIH and tag cement. Top off if necessary.
5. **Plug #2 (8 5/8" surface casing shoe, 152' – surface)**: Perforate 2 squeeze holes at 152'. Establish circulation out bradenhead and circulate BH annulus clean. Mix 47 sxs Class B cement and pump down 2.875" casing to circulate good cement out bradenhead. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

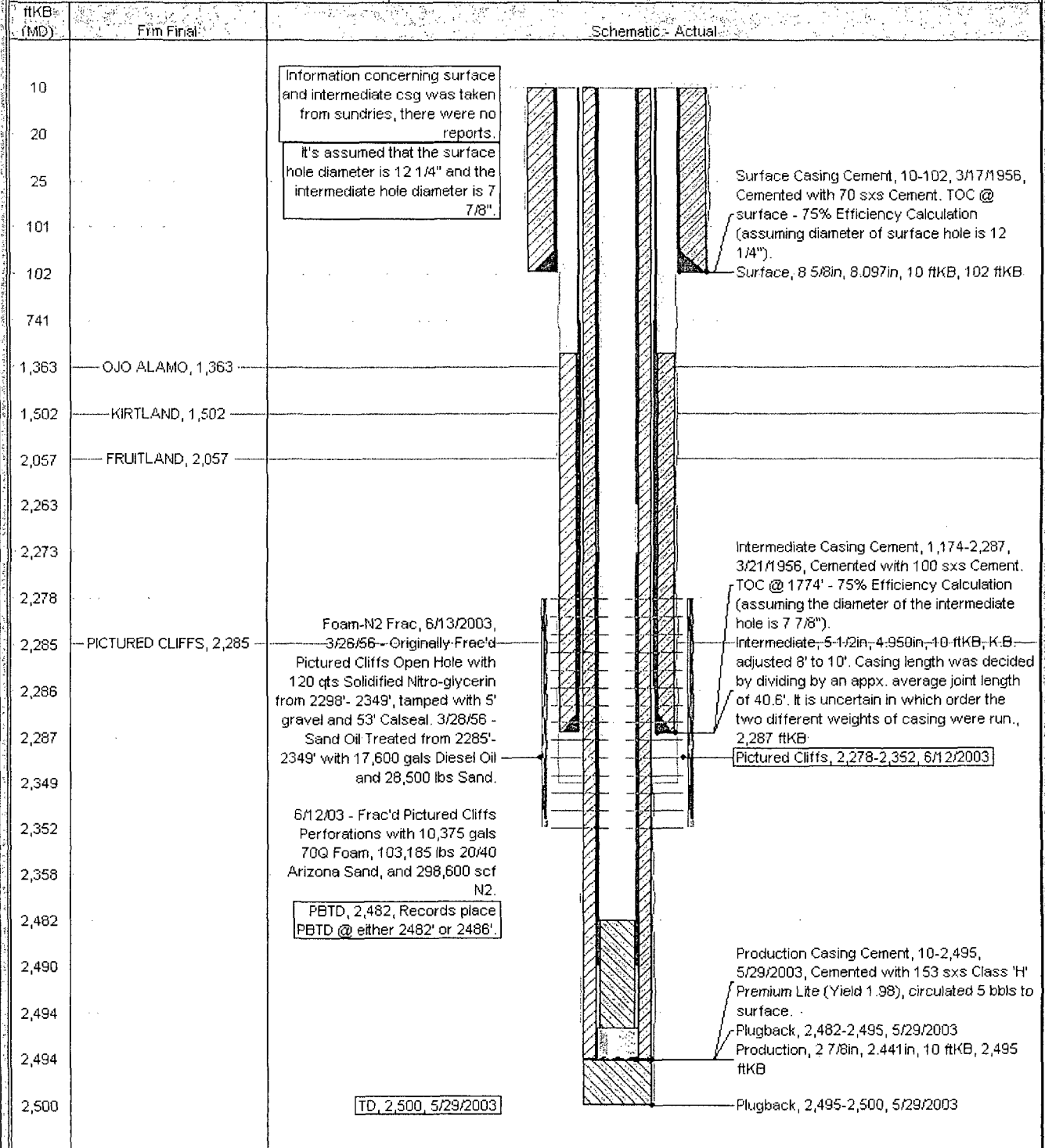
Current Schematic

ConocoPhillips

Well Name: HUERFANITO UNIT #42

API/ UWI#	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506251	NMPM,027-027N-009W	BALLAD PICTURED CLIFFS (GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Gravel Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,417.00	6,427.00	10.00	6,427.00	6,427.00		

Well Config: - 30045062510000, 9/17/2010 10:00:16 AM



Proposed Schematic

ConocoPhillips

Well Name: HUERFANITO UNIT #42

API Unit 3004506251	Surface Legal Location NMMP, 027-027N-003W	Field Name SALLARD PICTURED CLIFFS (GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,417.00	Original K/B RT Elevation (ft) 6,427.00	K/B Ground Distance (ft) 10.00	K/B Casing Flange Distance (ft) 6,427.00	K/B Tubing Hanger Distance (ft) 6,427.00	

Well Config: 30045062510000, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
10		Information concerning surface and intermediate csg was taken from sundries, there were no reports. It's assumed that the surface hole diameter is 12 1/4" and the intermediate hole diameter is 7 7/8".
20		Surface Casing Cement, 10-102; 3/17/1956, Cemented with 70 sxs Cement. TOC @ surface - 75% Efficiency Calculation (assuming diameter of surface hole is 12 1/4").
25		Surface, 8 5/8in, 8.097in, 10 ftKB, 102 ftKB Plug 2, 10-152, 1/1/2020, Perforate 2 squeeze holes at 152" and mix 47 sxs. Circulate good cement out bradenhead. Plug 2, 10-152; 1/1/2020; Squeeze cement
101		
102		
741		
1,363	OJO ALAMO, 1,363	
1,502	KIRTLAND, 1,502	
2,057	FRUITLAND, 2,057	
2,228		Plug 1, 1,313-2,228, 1/1/2020, 28 sxs to cover PC perfs, Fruitland, Kirtland, and Ojo Alamo tops.
2,229		Bridge Plug - Permanent, 2,228-2,229
2,263		
2,273		Intermediate Casing Cement, 1,174-2,287, 3/21/1956, Cemented with 100 sxs Cement. TOC @ 1774' - 75% Efficiency Calculation (assuming the diameter of the intermediate hole is 7 7/8").
2,278		Intermediate, 5 1/2in, 4.950in, 10 ftKB, K.B. adjusted 8' to 10'. Casing length was decided by dividing by an appx. average joint length of 40.6'. It is uncertain in which order the two different weights of casing were run., 2,287 ftKB-
2,285	PICTURED CLIFFS, 2,285	Pictured Cliffs, 2,278-2,352, 6/12/2003
2,286		Foam-N2 Frac, 6/13/2003, 3/26/56 - Originally Frac'd Pictured Cliffs Open Hole with 120 qts Solidified Nitro-glycerin from 2298'- 2349', tamped with 5' gravel and 53' Calseal, 3/28/56 - Sand Oil Treated from 2285'- 2349' with 17,600 gals Diesel Oil and 28,500 lbs Sand.
2,287		6/12/03 - Frac'd Pictured Cliffs Perforations with 10,375 gals 70Q Foam, 103,185 lbs 20/40 Arizona Sand, and 298,600 scf N2.
2,349		PBTD, 2,482, Records place PBTD @ either 2482' or 2486'.
2,352		
2,358		
2,482		
2,490		Production Casing Cement, 10-2,495, 5/29/2003, Cemented with 153 sxs Class 'H' Premium Lite (Yield 1.98), circulated 5 bbls to surface.
2,494		Plugback, 2,482-2,495, 5/29/2003
2,494		Production, 2 7/8in, 2.441in, 10 ftKB, 2,495 ftKB
2,500		Plugback, 2,495-2,500, 5/29/2003

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 42 Huerfanito Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 1276'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.