submitted in lieu of Form 3160-5

RECEIVED

MAR 18 2011

Farmington Field Office
Bureau of Land Management

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**
   Unit L (NWSW), 1650' FSL & 990' FWL, Section 9, T30N, R10W, NMPM

5. **Lease Number**
   SF-077730

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

7. **Unit Agreement Name**

8. **Well Name & Number**
   Sunray E 2

9. **API Well No.**
   30-045-09662

10. **Field and Pool**
    Aztec PC / Blanco MV

11. **County and State**
    Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action			
X Notice of Intent	X Abandonment	___ Change of Plans	___ Other –	
___ Subsequent Report	___ Recompletion	___ New Construction		
	___ Plugging	___ Non-Routine Fracturing		
	___ Casing Repair	___ Water Shut off		
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection		

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.

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OIL CONS. DIV. DIST. 3

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

Signed Crystal Tafoya Crystal Tafoya Title: Staff Regulatory Technician Date 3/18/2011

(This space for Federal or State Office use)
APPROVED BY ~~Original Signed: Stephen Mason~~ Title _____ Date MAR 22 2011
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

March 3, 2011

Sunray E #2 (PC)

Pictured Cliffs / Blanco MesaVerde
1650' FSL and 990' FWL, Unit H Section 009, T30N, R10W
San Juan County, New Mexico / API 30-045-09662
Lat: 36° 49' 26.184" N/ Long: 107° 53' 38.544" 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__X__, No____, Unknown____Size__2 3/8"____, Length__5324.0'____.
   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 (Point Lookout perforations and top: 5081' – 5181'):** RIH and set 5 ½" CIBP at 5182'. Load casing and circulate well clean. Mix 17 sxs Class B cement and spot above CIBP to isolate the Point Lookout perforations and top. POH.

5. **Plug #2 (Mesaverde top: 4535' – 4635'):** Mix 34 sxs Class B cement and spot above a balanced plug inside casing to cover MV top. PUH.

→ Chacra plug 3778'-3678'

6. **Plug #3 (7 5/8 casing shoe and liner tops: 3112' - 3256'):** Perforate 3 squeeze holes at 3256'. RIH and set 5 1/2" CR at 3206'. Establish a rate into the squeeze holes. Mix 55 sxs Class B cement. Squeeze 15 sxs into the 5 ½" liner and 7 5/8" casing annulus. Leave 40 sxs in the casing to cover 7 5/8" casing shoe and Liner top. POH.

7. **Plug #4 (Pictured Cliffs perforations and top: 2845' - 2945'):** RIH and set 7 5/8" BP at 2946 Mix 34 sxs Class B cement in casing to cover Pictured Cliffs perforations and top. PUH.

2715 2623 2523

8. **Plug #5 (Fruitland top: ~~2715~~' – ~~2645~~'):** Mix 34 sxs Class B cement and spot above a balanced plug inside casing to cover Fruitland top. PUH.

1583 1802

9. **Plug #6 (Kirtland and Ojo Alamo tops: ~~1596~~' – ~~1801~~'):** Mix ~~58~~ sxs Class B cement and spot above a balanced plug inside casing cover Kirtland and Ojo Alamo top. POH.

10. **Plug #7 (10-3/4" casing shoe, Nacimento and surface: 283' - surface):** Perforate 3 squeeze holes at 283'. Establish circulation out bradenhead with water and circulate the BH annulus clean.

Mix 163 sxs Class B cement. Squeeze 90 sxs cement outside the casing and leave 73 sxs in the casing to cover surface casing shoe.

10. 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: SUNRAY E #2

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004509662	NMPM,009-030N-010W	BLANCO PICTURED CLIFFS (O...		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,395.00	6,406.00	11.00	6,406.00	6,406.00

Well Config: - Original Hole, 3/2/2011 9:29:49 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
0			
11		Surface Casing Cement, 11-175, 12/14/1957, Cmt'd w/150 sxs. Cmt circulated to surface. Surface, 10 3/4in, 10.192in, 11 ftKB, Casing adjusted to Production 11 KB., 175 ftKB	
165			
174		Tubing, 2 3/8in, 4.60lbs/ft, J-55, 11 ftKB, 5,301 ftKB	
175			
1,630		Hyd Frac-Slickwater, 5/27/1960, Water frac'd Pictured Cliffs perf w/33,084 gal water and 35,000# sand.	
1,646			OJO ALAMO, 1,646
1,751			KIRTLAND, 1,751
2,665		Hyd Frac-Foam N2, 6/27/2000, Frac'd w 4000 Gal 70 quality foam pad, 20# linear gel and pumped approx 186000# 20/40 AZ sand @ 70 quality foam and 20# linear gel and 8500 SCF N2.	FRUITLAND, 2,665
2,995			PICTURED CLIFFS, 2,995
2,996			Pictured Cliffs, 2,996-3,020, 5/27/1960
3,020			
3,139			LEWIS, 3,139
3,162		Liner top @ 3162'	
3,165		Intermediate Casing Cement, 1,630-3,206, 12/23/1957, Cmt'd w/100 sxs. 150 sxs POZ mix . TOC @ 1630. Intermediate1, 7 5/8in, 6.969in, 11 ftKB, 3,206 ftKB	
3,205		Hyd Frac-Foam N2, 6/25/2000, Frac'd with 30000 gal 80 quality foam pad, 20# linear gel and 204,000# 20/40 brady sand @ 70 quality foam, 20# linear gel and 17100 SCF N2.	
3,206			
3,208			
3,590		Hyd Frac-Slickwater, 1/3/1958, Water frac'd Cliff House perf w/40,400 gal water and 40,000# sand.	
4,035			Lewis, 4,045-4,345, 6/25/2000
4,045			Cement squeeze, 4,035-4,355, 10/31/2000, Squeezed Lewis perfs 4035-4335 w/150 sxs Class H cmt.
4,345			
4,355			Cliff House, 4,585-4,656, 1/3/1958
4,549		Hyd Frac-Slickwater, 6/24/2000, Frac'd with 100,000# 20/40 brady sand and 15,000 gals of slickwater	Cliff House, 4,586-4,660, 6/23/2000
4,585			Cement squeeze, 4,549-4,660, 1/8/1958, Squeeze Cliffhouse perfs W/ class B-neat cement W/ 2% CACL .
4,586		Hyd Frac-Slickwater, 6/23/2000, Frac'd with 100,000# 20/40 brady sand and 15,000 gals of slickwater	CLIFF HOUSE, 4,585
4,656			
4,660			Cement squeeze, 4,585-4,660, 7/19/2000, Re-squeezeed Cliff House Perfs w/150 sxs neat.
4,708		Hyd Frac-Slickwater, 1/2/1958, Water frac'd Point Lookout perf w/62,450 gals water and 60,000# sand.	
4,775			Menefee, 4,708-4,908, 6/22/2000
4,908			Cement squeeze, 4,708-4,908, 10/31/2000, Squeezed Menefee perfs 4708-4908 w/100 sxs class H.
5,232		Seating Nipple, 2 3/8in, 4.60lbs/ft, J-55, 5,301 ftKB, 5,302 ftKB	MENEFEE, 4,775
5,233			
5,301		Tubing, 2 3/8in, 4.60lbs/ft, J-55, 5,302 ftKB, 5,334 ftKB	POINT LOOKOUT, 5,233
5,302			Point Lookout, 5,232-5,364, 1/2/1958
5,334		Expendable Check, 2 3/8in, 4.60lbs/ft, J-55, 5,334 ftKB, 5,335 ftKB	
5,335			
5,363			MANCOS, 5,363
5,364			Liner Cement, 3,590-5,426, 12/30/1957, Cmt'd w/150 sxs. TOC @ 3590' as per CBL of 6/22/2000
5,384		PBTD, 5,384	
5,425			Production1, 5 1/2in, 4.950in, 3,162 ftKB, 5,426 ftKB
5,426			Display Cement Fill, 5,426-5,436, 12/30/1957
5,436		TD, 5,436, 12/30/1957	

Proposed Schematic

ConocoPhillips

Well Name: SUNRAY E #2

API / UWI	Surface Legal Location	Field Name	License No.	State / Province	Well Configuration Type
3004509662	NMPM,009-030N-010W	BLANCO PICTURED CLIFFS (O...		NEW MEXICO	Edit

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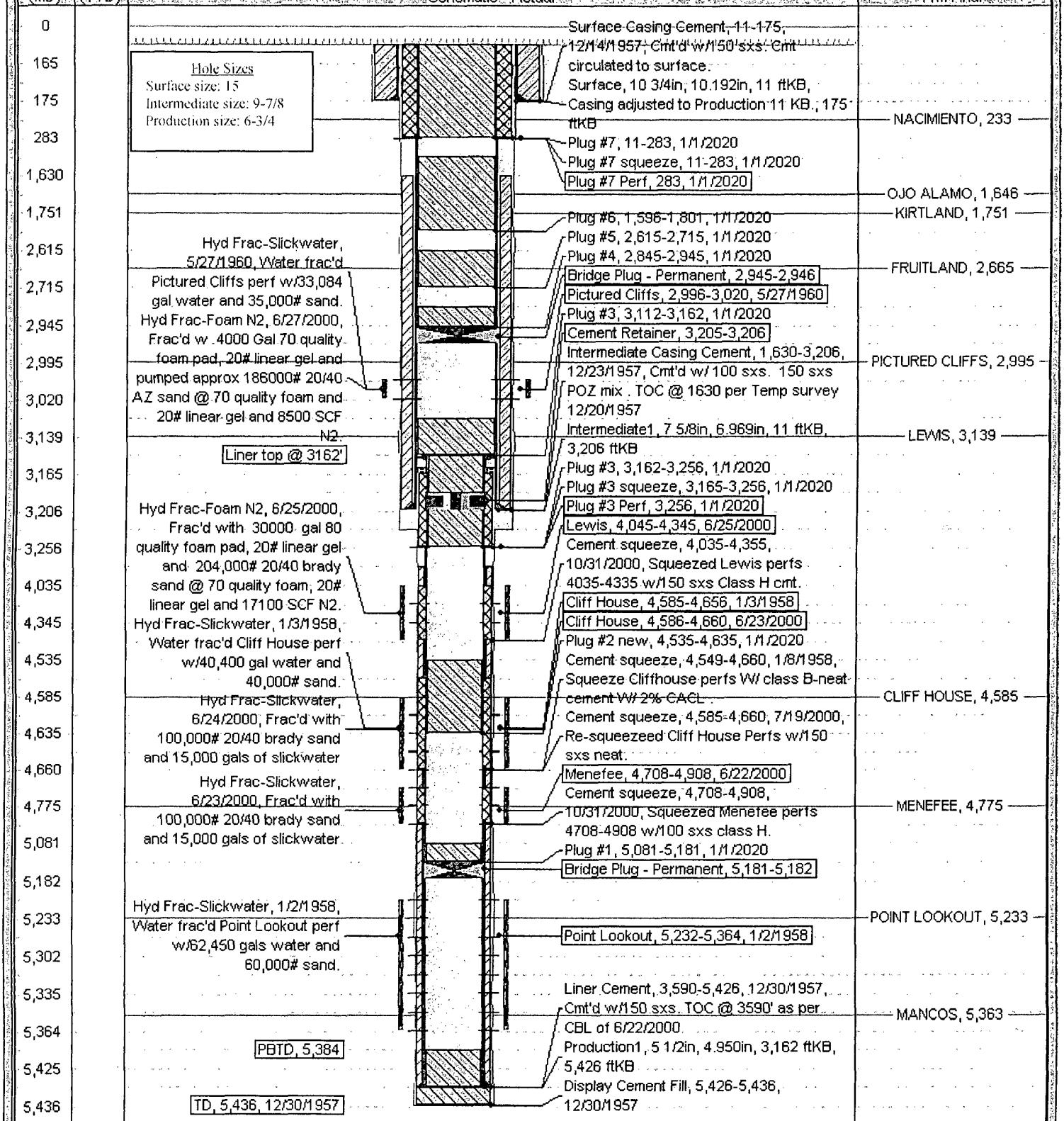
6,395.00	6,406.00	11.00	6,406.00	6,406.00

Well Config: - Original Hole, 1/1/2020



Report Printed: 3/7/2011

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: 2 Sunray E

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) Spot a cement plug from 3778' – 3678' to cover the Chacra top.

b) Place the Fruitland plug from 2623' – 2523'.

c) Place the Kirtland/Ojo Alamo plug from 1802' – 1583'.

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.