

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

RECEIVED

Sundry Notices and Reports on Wells

AUG 19 2011

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 H (SENE), 1850' FNL & 990' FEL, Section 8, T31N, R8W, NMPM

5. Lease Number
SF-078510

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Oxnard 3

9. API Well No.

30-045-10919

10. Field and Pool
Blanco Mesaverde

11. County and State
San Juan, NM

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

Type of Submission

Type of Action

☒

Notice of Intent

☒

Abandonment

Change of Plans

Other —

☐

Subsequent Report

☐

Recompletion

New Construction

☐

Final Abandonment

☐

Plugging

Non-Routine Fracturing

☐☐

Casing Repair

Water Shut off

☐☐

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.

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 8/18/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date

AUG 23 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 4

PLUG AND ABANDONMENT PROCEDURE

August 1, 2011

Oxnard #3

Blanco Mesaverde

1850' FNL, 990' FEL, Section 8, T31N, R8W, San Juan County, New Mexico

API 30-045-10919/ Lat: 36° 54' 49.86" N Long / 107° 41' 31.992" 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 the Operator to obtain an approved 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 ☒, Unknown ☐
Tubing: Yes ☒, No ☐, Unknown ☐, Size 2.375", Length 5845'
Packer: Yes ☒, No ☐, Unknown ☐, Type Baker Lok-set @ 3600'
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
Round trip 5.5" gauge ring or casing scraper to 5422'.

Note: If unable to release packer and/or tubing is stuck then the appropriate regulatory agencies and company engineer will be notified to determine how to proceed.

4. Run a CBL on the 7-5/8" casing and report results to production engineer. Results of the CBL could change the current procedure.
5. Plug #1 (Mesaverde perforations and top: 6146' – ⁵⁰⁷³~~5372'~~): TIH and set 5.5" CR at 5422'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casings to 800#. *If the casings do not test, then spot or tag subsequent plugs as appropriate.* Mix 130 sxs Class B cement, squeeze 107 sxs below CR to fill the Mesaverde perforations and leave ~~28~~ sxs above CR to cover the Mesaverde top. Note: 30% excess on long plug and 100% excess above CR due to a possible casing leak.
→ Plug Cement from 4333' - 4233'
Note: If casings test after spotting Plug #1 then delete calculated excess cement in the remaining plugs.
6. Plug #2 (7-5/8" casing shoe, 5.5" liner top and Pictured Cliffs tops, 3749' – 3455'): Mix 75sxs Class B cement (additional 20% excess due to possible casing leak) and spot a balanced plug inside casing to cover 7-5/8" casing shoe, 5.5" liner top and Pictured Cliffs top. PUH.

3212 3112

7. **Plug #3 (Fruitland top, ~~3017'~~ - ~~2947'~~)**: Mix 39 sxs Class B cement (additional 20% excess due to possible casing leak) and spot a balanced plug inside casing to cover the Fruitland top. TOH with tubing.

2295 2076

2295

8. **Plug #4 (Ojo Alamo and Kirtland tops, ~~2355'~~ - ~~2480'~~)**: Perforate 3 HSC holes at ~~2355'~~. Establish an injection rate into the squeeze holes. TIH and set a 7-5/8" CR at ~~2305'~~. Mix ~~143~~ sxs Class B cement (additional 20% excess cement due to possible casing leak), squeeze ~~52~~ sxs outside the casing and leave ~~84~~ sxs inside to cover the Ojo Alamo and Kirtland tops. TOH with tubing.

759 659

759

9. **Plug #5 (Nacimiento top, ~~893'~~ - ~~793'~~)**: Perforate 3 HSC holes at ~~893'~~. Establish an injection rate into the squeeze holes. TIH and set a 7-5/8" CR at ~~843'~~. Mix 71 sxs Class B cement (additional 20% excess cement due to possible casing leak), squeeze 30 sxs outside the casing and leave 41 sxs inside to cover the Nacimiento top. TOH with tubing.

10. **Plug #6 (Surface plug, 307' - Surface)**: Perforate 3 HSC holes at 307'. Mix and pump approximately 135 sxs cement down the 7-5/8" casing until good cement returns out bradenhead. Shut in well and WOC.

11. 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: OXNARD #3

API / UWI 3004510919	Surface Legal Location NMPM,008-031N-008W	Field Name BLANCO MESAVERDE (PRORATED GAS)	License No	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,601.00	Original KB/RT Elevation (ft) 6,611.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Well Config: - Original Hole, 8/4/2011 10:43:42 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
10			
206			
207		Surface Casing Cement, 10-207, 7/17/1959, Cemented with 175 sx reg cmt. Circulated to surface	
216		Surface, 10 3/4in, 10.192in, 10 ftKB, 207 ftKB	
843			NACIMIENTO, 843
2,230		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 3,600 ftKB	OJO ALAMO, 2,230
2,305			KIRTLAND, 2,305
2,967			FRUITLAND, 2,967
3,505		Top of Liner @ 3505'	
3,519			PICTURED CLIFFS, 3,519
3,600		Baker lok-set packer, 2 3/8in, 4.70lbs/ft, J-55, 3,600 ftKB, 3,605 ftKB	
3,605			
3,698			
3,699		Intermediate Casing Cement, 2,519-3,699, 7/29/1959, Cemented with 200 sx reg cement. TOC @ 2519' Per 75% eff calc. Intermediate1, 7 5/8in, 6 969in, 10 ftKB, 3,699 ftKB	
3,700			
4,690		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 3,605 ftKB, 5,813 ftKB	CHACRA, 4,690
5,450			CLIFFHOUSE, 5,450
5,472			
5,502		Hydraulic Fracture, 8/4/1959, Frac'd Cliffhouse with 87,000# sand and 94,080 gal water.	MENEFEE, 5,502
5,728			
5,813		Pump Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,813 ftKB, 5,814 ftKB	
5,814			
5,826		Tubing, 2 3/8in, 4 70lbs/ft, J-55, 5,814 ftKB, 5,845 ftKB	
5,839			POINT LOOKOUT, 5,839
5,845		Hydraulic Fracture, 8/4/1959, Frac'd Point Lookout with 100,000# sand and 70,644 gal water.	
6,096			
6,102		PBTD, 6,102	
6,147			
6,148		Production Casing Cement, 3,580-6,148, 8/3/1959, Cemented with 275 sx reg cement. TOC @ 3580' per TS. Production1, 5 1/2in, 4.950in, 3,505 ftKB, 6,148 ftKB	
6,165		TD, 6,165, 8/3/1959	
		Display Cement Fill, 6,148-6,165, 8/3/1959	

Oxnard #3 Proposed P&A Blanco Mesaverde

1850' FNL, 990' FEL, Section 8, T-31-N, R-8-W, San Juan County, NM

Lat: 36°54'49.86" N / Lat: 107° 41' 31.992" W, API #30-045-10919

Today's Date: 8/1/11

Spud: 7/17/59

Completion: 8/7/59

Elevation: 6601' GL
6611 KB

15" hole

Nacimiento @ 843'

Ojo Alamo @ 2230'

Kirtland @ 2305'

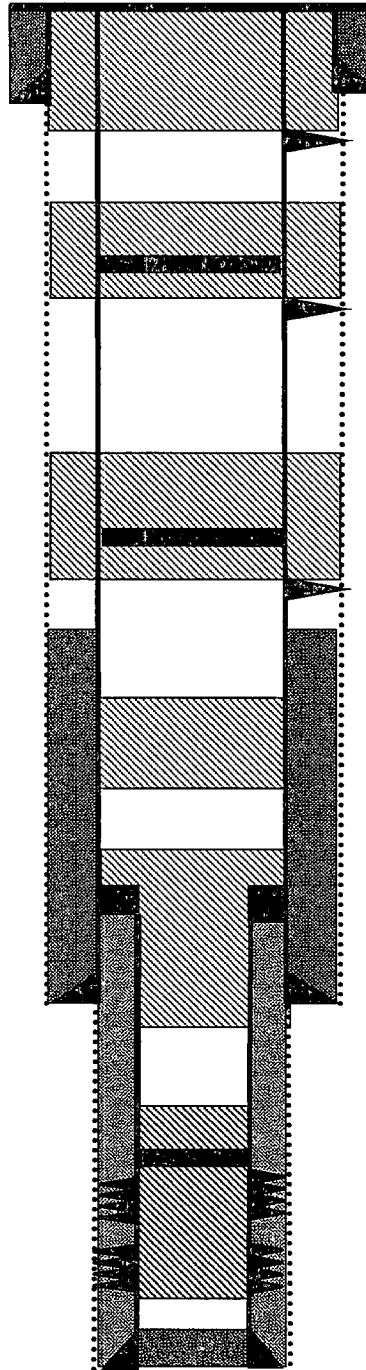
Fruitland @ 2967'

Pictured Cliffs @ 3519'

9.5" Hole

Mesaverde @ 5450'

6.75" Hole



10.75", 32.75#, H-40 Casing set @ 207'
Cement with 175 sxs, circulate to surface

Perforate @ 257'

Plug #6: 307' - 0'

Class B cement, 135 sxs

Set CR @ 843'

Perforate @ 893'

Plug #5: 893' - 793'

Class B cement, 71 sxs
41 sxs inside (extra 20%
excess) and 30 sxs outside
(100% excess)

Set CR @ 2305'

Perforate @ 2355'

Plug #4: 2355' - 2180'

Class B cement, 113 sxs
61 sxs inside (extra 20%
excess) and 52 sxs outside
(100% excess)

7-5/8" TOC @ 2611' (Calc, 75%)

Plug #3: 3017' - 2917'

Class B cement, 39 sxs
(extra 20% excess)

Plug #2: 3749' - 3455'

Class B cement, 75 sxs
(extra 20% excess)

5.5" TOL @ 3505'

5.5" TOC @ 3505' (T.S.)

7-5/8" 26.4, J-55 Casing set @ 3699'
Cement with 200 sxs

Plug #1: 6146' - 5372'

Class B cement,
107 sxs below CR (30%
excess, long plug) and 23 sxs
above CR (100% excess).

Set 5.5" CR @ 5422'

Mesaverde Perforations:
5472' - 5728'

Pt. Lookout Perforations:
5826' - 6096'

5.5" 15.5#, J-55 casing liner set @ 3505' - 6148'
Cemented with 275 sxs (TOC @ 3580' per
1959 T.S.)

TD 6165'
PBTB 6102'

**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: 3 Oxnard

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 Mesaverde plug to 5073'.
 - b) Place a cement plug from 4333' – 4233' to cover the Chacra top.
 - c) Place the Fruitland plug from 3212' – 3112'.
 - d) Place the Kirtland/Ojo Alamo plug from 2295' – 2076' inside and outside the 7 5/8" casing.
 - e) Place the Nacimiento plug from 759' – 659' inside and outside the 7 5/8" casing.

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.