

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

RECEIVED

FEB 12 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
SF-077764
6. If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Schumacher 9

9. API Well No.

30-045-09438

4. Location of Well, Footage, Sec., T, R, M

10. Field and Pool

Surf: Unit N(SESW), 890' FSL & 1650' FWL, Section 17, T30N, R10W, NMPM

Blanco Mesaverde

11. County and State
San Juan Co., 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 - P&A

13. Describe Proposed or Completed Operations

Burlington Resources wishes to P&A this well per the attached procedures and well bore schematics.

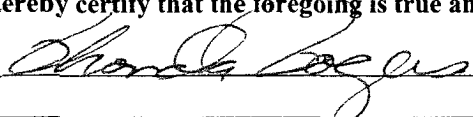
RCVD FEB 17 '10

OIL CONS. DIV.

DIST. 3

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

Signed



Rhonda Rogers Title Staff Regulatory Technician Date 2/11/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date FEB 17 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

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

PLUG AND ABANDONMENT PROCEDURE

January 26, 2010

Schumacher #9

H₂S Well

Blanco Mesaverde

890' FSL, 1650' FWL, Section 17, T30N, R10W, San Juan County, New Mexico

API 30-045-09438/ Lat: _____ N Long: _____ 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 X, No _____, Unknown _____
Tubing: Yes X, No _____, Unknown _____, Size 2.375", Length 5320'
Packer: Yes _____, No X, Unknown _____, Type _____
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

3645'
4. **Plug #1 (Mesaverde interval, 7" casing shoe and Chacra top, 4448' – 3690')**: TIH and set 4.5" CR at 4448'. Load casing with water and circulate well clean. Pressure test casings to 1000#. *If the casings do not test, then spot or tag subsequent plugs as appropriate.* Mix ~~63~~ sxs Class B cement above CR to isolate the Mesaverde interval and cover the Chacra top. TOH.

3645'
5. **Plug #2 (Pictured Cliffs and Fruitland tops: 2977' – 2495')**: Perforate 3 squeeze holes at 2977'. Attempt to establish rate into 4.5" casing squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 2927'. Establish rate into squeeze holes. Mix and pump 215 sxs Class B cement, squeeze 123 sxs outside the 7" x 8.75" casing, 51 sxs in the 4.5" x 7" annulus and leave 41 sxs inside 4.5" casing to cover through the Fruitland top. TOH with tubing.

1752 1508
6. **Plug #3 (Kirtland and Ojo Alamo tops: 1735' – 1490')**: Perforate 3 squeeze holes at ~~1735'~~ ⁵² 1735'. Attempt to establish rate into 4.5" casing squeeze holes if the casing pressure tested. Set 4.5" cement retainer at ~~1685'~~ 1685'. Establish rate into squeeze holes. Mix and pump 51 sxs Class B cement, squeeze 28 sxs in the 4.5" x 7" annulus and leave 23 sxs inside 4.5" casing to cover through the Ojo Alamo top. TOH with tubing.

1752 1508
7. **Plug #4 (Surface plug, 224' - Surface)**: Perforate 3 HSC holes at 224'. Mix and pump approximately 100 sxs cement down the 4.5" casing until good cement returns out annuli and bradenhead. Shut in well and WOC.
8. 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.

Schematic - Current

ConocoPhillips

SCHUMACHER #9

District NORTH	Field Name BLANCO MV (PRO #0078	API / UWI 3004509438	County SAN JUAN	State/Province NEW MEXICO	
Original Spud Date 5/7/1953	Surface Legal Location 890'S 1650'W,17-030N-010W	East/West Distance (ft) 1,650.00	East/West Reference W	North/South Distance (ft) 890.00	North/South Reference S

Well Config: - Sidetrack 1, 2/9/2010 1:28:06 PM

ftKB (MD)	Form Final	Schematic - Actual
12		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 42 ftKB
42		Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 42 ftKB, 48 ftKB
49		
186		Surface, 9 5/8in, 32.30lbs/ft, H-40, 12 ftKB, 187 ftKB, Adjusted for a 12' KB
187		Surface Casing Cement, 12-187, 5/8/1953, Cemented with 125 sks quick strength cement
187		
1,540	OJO ALAMO, 1,540	
1,657	KIRTLAND, 1,657	Cement Squeeze, 1,500-1,696, 9/23/1985, Squeezed with 150 sks cement. TOC @ 1500' Temp Survey 9/23/1985
1,696		Squeeze Holes, 1,696, 9/23/1985
2,545	FRUITLAND, PICTURED	
2,927	CLIFFS, 2,927	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 48 ftKB, 5,285 ftKB
2,994	LEWIS, 2,994	
4,497	HOUSE, 4,497	
4,498		Hydraulic Fracture, 4/26/1995, Frac'd Cliff House with 1628 bbls 30# Linear Gel and 145,300 lbs 20/40 Brady sand
4,720		Cliff House, 4,498-4,720, 4/25/1995
4,724	MENEFEE, 4,724	
4,766		Hydraulic Fracture, 4/26/1995, Frac'd Menefee with 1666 bbls 30# Linear Gel and 150,000 lbs 20/40 Brady sand
5,030		Menefee, 4,766-5,047, 4/25/1995
5,031		Intermediate Casing Cement, 3,142-5,031, 5/23/1953, Cemented with 300 sks Reg. cement.
5,042		Intermediate 1, 7in, 23.00lbs/ft, J-55, 12 ftKB, 5,031 ftKB, Adjusted for a 12' KB
5,047		
5,054		Point Lookout, 5,212-5,324, 10/3/1985
5,054		Cement Plug, 5,054-5,342, 9/23/1985
5,208	POINT LOOKOUT, 5,208	
5,212		Hydraulic Fracture, 10/3/1985, Frac'd with 42,500 gal slick water, and 42,500 lbs 20/40 sand.
5,285		Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 5,285 ftKB, 5,287 ftKB
5,287		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,287 ftKB, 5,318 ftKB
5,318		F-Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,318 ftKB, 5,319 ftKB
5,320		Expendable Check, 2 3/8in, 4.70lbs/ft, J-55, 5,319 ftKB, 5,320 ftKB
5,320		
5,324		
5,344		Hydraulic Fracture, 10/3/1985, Frac'd with 77,000 gal slk water and 77,000 lbsl 20/40 sand.
5,634		Point Lookout, 5,344-5,634, 10/3/1985
5,709		Production Casing Cement, 3,700-5,710, 10/2/1985, Cemented with 150 sks class B. TOC @ 3700 by temp survey 10/2/1985
5,710		Production 1, 4 1/2in, 10 50lbs/ft, K-55, 12 ftKB, 5,710 ftKB
5,711		PBTD (Sidetrack 1), 5,711
5,713		TD (Sidetrack 1), 5,713
		Cement Plug, 5,710-5,713, 10/2/1985

Schumacher #9

Proposed P&A – H2S well

Blanco Mesaverde

890' FSL, 1650' FWL, Section 17, T-30-N, R-10-W, San Juan County, NM

Lat: _____ N / Lat: _____ W, API #30-045-09438

Today's Date: 1/26/10

Spud: 5/7/53

Completion: 5/28/53

Elevation: 6381' GL

Ojo Alamo @ 1540'

Kirtland @ 1685' *est

Fruitland @ 2545'

Pictured Cliffs @ 2927'

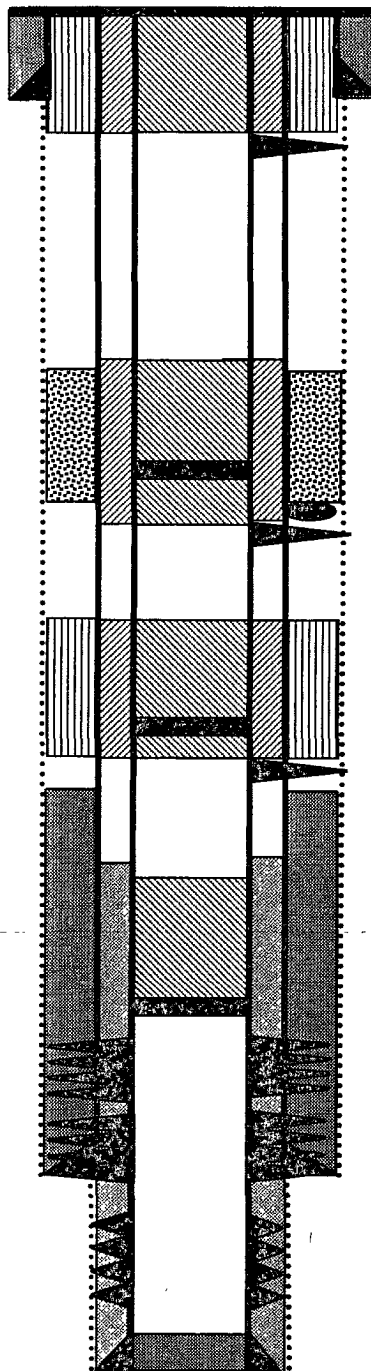
Chacra @ 3740' *est

Mesaverde @ 4497'

12.25" hole

8.75" Hole

6.25" Hole



9.625", 25.4#, SW Casing set @ 174'
Cement with 125 cf, circulate to surface

Perforate @ 224'

Plug #4: 224' - 0'
Class B cement, 100 sxs

Plug #3: 1735' - 1490'
Class B cement, 51 sxs
23 inside, 28 sxs in 4.5" x 7"
annulus

TOC @ 1500' (Sept 1985 T.S.)
after cement squeeze

Cmt Retainer @ 1685'

Perforate @ 1696' and squeeze
with 150 sxs cement (Sept1985)

Perforate @ 1735'

Plug #2: 2977' - 2495'
Class B cement, 215 sxs
41 inside, 51 sxs in 4.5" x 7"
annulus and 123 outside

Cmt Retainer @ 2927'

Perforate @ 2977'

7" TOC @ 3130' (1985 T.S.)

4 5" TOC @ 3645' (1995 CBL)

Plug #1: 4448' - 3690'
Class B cement, 63 sxs

Set CR @ 4448'

Mesaverde Perforations:
4498' - 4720' (1995)

Mesaverde Perforations:
4766' - 5047' (1995)

7" 23#, J-55 Casing set @ 5031'
Cement with 300 cf

Mesaverde Perforations:
5212' - 5634'

4.5" 10.5#, K-55 casing set @ 5722'
Cemented with 261 cf

TD 5723'
PBD 5711'

**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: 9 Schumacher

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 3645'.
 - b) Place the Kirtland/Ojo Alamo plug from 1752' – 1508' inside and outside the 4 ½" casing.
 - c) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

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.