# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



MAR 22 2010

<ol> <li>Type of Well GAS</li> <li>Name of Operator BURLINGTON RESCURCES OIL &amp; GAS COMPANY LP</li> <li>Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</li> <li>Location of Well, Footage, Sec., T, R, M</li> <li>Surf: Unit J (NWSE), 1720' FS L &amp; 1755' FEL, Section 17, T30N, R10W,</li> </ol>	, NMPM	5. 6. 7. 8. 9	Lease Number SF - 077764 If Indian, All. or Tribe Name Unit Agreement Name Well Name & Number Schumacher 9A API Well No.
2. Name of Operator  BURLINGTON  RESCURCES 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	, NMPM	7. 8.	If Indian, All. or Tribe Name Unit Agreement Name Well Name & Number Schumacher 9A
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	, NMPM		
	, NMPM		30-045-26600
Surf: Unit J (NWSE), 1720' FS L & 1755' FEL, Section 17, T30N, R10W,	, NMPM		
Suit: Out 5 (NWSE), 1/20 FS L & 1/55 FEL, Section 1/, 130N, KIOW,	, INTATLIAI	10.	Field and Pool
		Rlar	nco MV
		11.	County and State
			San Juan Co., NM
Recompletion New Subsequent Report Plugging Non- Casing Repair Wate	nge of Plans Construction Routine Fracturing er Shut off version to Injection		Other – P/B producing zone RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3

## ConocoPhillips SCHUMACHER 9A Expense - Water Shut Off

Lat 36° 48' 34.812" N

Long 107° 54' 14.616" W

#### **PROCEDURE**

- 1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCI, if necessary.
- 4. Pressure test tubing to 1000 psi before unseating the pump, release pressure.
- 5. TOOH with Rods (details below)

Number	Description
1	1-1/4" x 22' Polished Rod
3	3/4" Pony rods (2', 6' and 8')
182	3/4" Sucker rods
40	3/4" Guided rods
3	1-1/4" Sinker bars
2	3/4" x 4' Guided rod
1	Shear coupling
1	2" x 1-1/4" x 9' x 13' RHAC Pump
1	1" x 1' Gas Anchor/ Dip tube
	-

6. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 5704, PBTD @ 5754) . Record fill depth in Wellview.

### 7. TOOH with tubing (details below)

Number	Description
1	2-3/8" Tubing joint
4	2-3/8" Pup joint (24.54')
178	2-3/8" Tubing joints
1	2-3/8" Seat nipple (ID 1.78")
· 1	2-3/8" Price Type Cover Jnt (31:35')
1	1-1/2" x 2-3/8" Mule Shoe

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

8. If fill is tagged, PU bailer and CO to PBTD (5754). If fill is too hard or too much to bail, utilize the air package. TOOH. LD tubing bailer (if applicable). Please call Production Engineer to inform how much fill was tagged and therefore confirm/adjust landing depth.

- 9. PU Composite BP, set at approx. 5300' --
- 10. PU Composite Cement retainer, set at 4530'. Establish injection rate into perfs and call Engineer with results.
- 11. RU Cementers pump cement job as planned.
- 12. PU Composite Cement Retainer, set at approx. 3800', establish rate into Chacra perfs, and call Engineer with results. RU cementers pump job as planned. WOC. PU bit and DO cement retainer and cement. Unload well test water rate, and report to Engineer. If well is not making any water DO CBP, and CO to PBTD, and TOOH.

#### 13. TIH with tubing:

Recommended	
Tubing Drift ID:	1.901"
Land Tubing At:	5704'
Land F-Nipple At:	5671'

Number	Description
1	1-1/2" Mule shoe
1	2-3/8" x 1-1/2" Crossover
1	2-3/8" Price Type cover joint w/ 1/2" bleeder below upper upset
1	2-3/8" F nipple (1.78" ID)
178	2-3/8" Tubing joint
As necessary	2-3/8" Pup joints
1	2-3/8" Tubing joint

14. ND BOP, NU B-1 Adapter, rod radigan, and flow tee (place rod radigan, below flow tee). RIH with rods (detail below).

<u> Number</u>	Description	Pump Component Description
1	1" x 12" Strainer	Insert pump with 5' spray metal grooved plunger;
1	2" x 1-1/4"x 9' x 13' RHAC-Z pump	.004" total clearance. Double standing valve,
1	1" x 1' Lift sub	double traveling valve and sand check. CA
1	3/4" x 8' Guided rod	pattern ball and seats with .06" cages.
1	22K Norris shear tool	•
3	1-1/4" Sinker bar	
2	3/4" x 8' Pony rods	
40	3/4" Guided rods	
182	3/4" Plain rods	Rod subs to be rotated once at a time each time
As necessary	3/4" Pony rods	the well is pulled to spread coupling wear in the
1	1-1/4" x 22' Polished Rod	tubing.

- 15. Space out and seat pump. Load tubing with water to pressure test tubing and pump to 1500 psi. Test for good pump action.
- 16. Notify lease operator that well is ready to be returned to production. RD, MOL

#### Current Schematic ConocoPhillips Well Name: SCHUMACHER #9A ortace Legal Location 3004526600 NEW MEXICO BLANCO PRO CONTROL (1) round Eleuation (ft) OH-Casing Flange Distance (10) KB-Tiblia Haiger Distance (fb. 12:00 6,464 00 6,464 00 6,452,00 6,464.00 Mana Well Configurational Hole; 6/19/2009/3:50:26 PM (MD) Schematic - Actual -1 0 Polishedi Rody 22:0ft . za za za za za za za za za 12 21 Sucker Rod, 2.0ft 23 TUBING, 2 3/8in, 4,70lbs/ft, J-55, Sucker Rod, 6.0ft 29 12 ftKB, 43 ftKB Sucker Rod, 8 Oft 37 43 PUP JOINT, 2 3/8in, 4.70lbs/ft, J-55, 43 ftKB, 68 ftKB 68 217 Surface Casing Cement, 12-218, 12/16/1985, Surface, 9 5/8in, 9 001in, 12 218 Cemented w/135 sx Class B cement. ftKB, 218 ftKB Circulated 4-1/2 bbls cmt to surface. 224 TUBING, 2 3/8in, 4.70lbs/ft, J-55, Sucker Rod, 4,550.0ft 3,261 68 ftKB, 5,671 ftKB 3,272 3,400 3,403 Intermediate Casing Cement, 700-3,404, Intermediate, 7in, 6.366in, 12 3,404 -12/19/1985, Cemented w/ 315 sx Class B ftKB, 3,404 ftKB cement. TOC @ 700' by TS 12/19/1985. 3,833 Lewis, 1/12/2001, Frac'd w/ 4,020 CHACRA, 4,020 200,000# 20/40 Brady sand and 3,833-4,362,1/11/2001 4,362 75 quality foam. 4,586 4,587 Cliffhouse/Menefee, 3/4/1996, 4,618 MESA VERDE, 4,618 Frac'd w/1,483bbls 30# X/linked 4,586-5,280, 3/4/1996 4,800 MENEFEE, 4,800 gel, 105,000# 20/40 arizona sand -Rod Guide, 1,000.0ft 5,280 and 19,000# 20/40 Super L.C. 5,292 POINT LOOKOUT, 5,292 Point Lookout, 12/27/1985, Frac'd 5,321 w/ 56,000# 20/40 sand and 5,349 57,000 gallon water. 5,321-5,412, 12/27/1985 5,412 Point Lookout, 12/26/1985, Frac'd 5,452 w/ 36,000# 20/40 sand and Point Lookout, 5,452-5,640, 12/26/1985 5,587 37,000 gallon water. Sinker Bar, no neck, 75 Oft 5,640 5,662 Rod Guide, 8.0ft 5,670 Shear Coupling, 0.8ft 5,671 SEAT NIPPLE, 2 3/8in, 5,671 ftKB, 5,672 5,672 ftKB ·2" x 1-1/4" x 9' x 13' RHAC Pump, 13.0ft PRICE TYPE COVER JOINT, 2 5,684 Gas Anchor/Dip Tube, 1 Oft 3/8in, 4 70lbs/ft, J-55, 5,672 ftKB, 5,685 5,703 ftKB 5,703 1 1/2 X 2 3/8 MULE SHOE, 2 5,704 3/8in, 5,703 ftKB, 5,704 ftKB 5,754 PBTD, 5,754 5,763 Liner Cement, 3,262-5,775, 12/21/1985, 5,764 Liner, 41/2in, 4.052in, 3,262 Cemented w/ 328 sx Class B cement. 5,774 ftKB, 5,775 ftKB Reversed out 25 bbls cement to surface. TD, 5,775, 12/21/1985 5,775 Plugback, 5,754-5,775, 12/21/1985 Report Printed: 6/19/2009