

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

**RECEIVED**

JUL 01 2008

## Sundry Notices and Reports on Wells

Bureau of Land Management  
Farmington Field Office1. Type of Well  
GAS5. Lease Number  
NMSF-0790376. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP8. Well Name & Number  
Hale 1

3. Address &amp; Phone No. of Operator

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

9. API Well No.

30-045-10356

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

Unit A (NENE), 990' FNL &amp; 1190' FEL, Section 27, T31N, R08W, NMPM

10. Field and Pool  
Blanco Mesaverde11. County and State  
San Juan Co., 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 - MIT☐ Subsequent Report☐ Recompletion☐ New Construction☐ Subsequent Report☐ Plugging☐ Non-Routine Fracturing☐ Final Abandonment☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection**13. Describe Proposed or Completed Operations**

Burlington Resources wishes to perform a MIT on the casing per the attached procedures.

RCVD JUL 3 '08

OIL CONS. DIV.

DIST. 3

**14. I hereby certify that the foregoing is true and correct.**Signed Tamra Sessions Tamra Sessions Title Regulatory Technician Date 7/01/2008

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUL 03 2008

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 76

**ConocoPhillips**  
**HALE #1 (MV/ DK)**  
**Install Rod Pump**

Lat 36° 52' 26.16" N      Long 107° 39' 27.12" W

**Prepared By:** Dryonis Pertuso

**Date:** 06/25/2008

**Production Engineering Peer review/approved By:**

**Date:** / /

**Scope of work:** Pull tubing, check MI of the 3 1/2" casing and cleanout to PBTD (if possible). RIH with a PGA 2 1/16" tubing configuration and run 5/8" co-rods string and insert pump. Uplift is estimated at 70 Mcfd by returning the well to Rod Pump, and the payout is estimated at 16 months with \$8.88/mcf gas.

**THIS WELL IS GOING TO HIT 12 MONTHS WIITHOUT PRODUCTION (DEMAND LIST) IN JULY 08**

**Est. Rig Days:** 5

**WELL DATA:**

**API:** 3004510356

**Location:** 990' FNL & 1190' FEL, Unit A, Section 27- T 31 N - R 08 W

**PBTD:** 5578' **TD:** 5700'

**Perforations:** 5110'-5226' 5442-5672' (MV)

<b><u>Casing:</u></b>	<b><u>OD</u></b>	<b><u>Wt., Grade</u></b>	<b><u>Connection</u></b>	<b><u>ID/Drift (in)</u></b>	<b><u>Depth</u></b>
	10-3/4"	40.5#, J-55	-	10.050/9.894	95'
	5 1/2"	14.0#, H-40	-	5.012/4.887	4184'
	5 1/2"	14.0#, J-55	-	5.012/4.887	239' (4423')
	5 1/2"	15.5#, J-55	-	4.950/4.825	410' (4833')
	3 1/2"	7.7#, J-55	-	3.068/2.943	1215 (5690')
<b><u>Tubing:</u></b>	1-1/2"	2.90#, J-55	EUE	1.610/1.516	5374'
<b><u>F Nipple:</u></b>	2-3/8"	4.70#, J-55	-	1.780	5375'
<b><u>Exp- check:</u></b>	2-3/8"				5376'

**Well History/ Justification:** This MV well was completed in 1952, and ever since, it has been struggling against water loading issues. A workover in 2005 showed that the water production is distributed evenly among the open intervals and also showed bad casing (which probably flooded the perms for 4 years). Therefore in order to get this well back to production it is recommended to test the integrity of the casing install a pumping unit in order to de-water the well.

~~**B2-Adapters are required on all wells other than pumping wells.**~~

**Artificial lift on well (type):** none

**Est. Reservoir Pressure (psig):** 500 (MV)

**Well Failure Date:** 07/01/2007

**Current Rate (Mcf/d):** 0 **Est. Rate Post Remedial (Mcf/d):** 70

**Earthen Pit Required:** NO

**Special Requirements:**

PGA configuration as per procedure, 5400' of 2 1/16" tubing, plus some pup joints to reach proper landing depth, Weatherford Co-Rod installation rig ~5400' 5/8" co-rods, shear tool and a RWAC 3/4" x 1/4"x 14'. Lufkin C285-213-86 to be installed.

**Production Engineer:** Dryonis Pertuso

Office: 599-3409, Cell: 320-6568

**Backup Engineer:** Soledad Moreno

Office: 324-5104, Cell: 320-8529

**MSO:** Jeff Sandoval

Cell: 320-2633

**Lead:** Howard Self

Cell: 320-2495

**Area Foreman:** Mark Poulson

Cell: 320-2523

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**ConocoPhillips**  
**HALE #1 (MV/ DK)**  
**Install Rod Pump**

Lat 36° 52' 26.16" N      Long 107° 39' 27.12"

**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 workover 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% KCl, if necessary.
4. ND wellhead, NU BOP. PU and release tubing hanger, **pull one stand to allow any fill to settle** and tag for fill, adding additional joints as needed. PBTD is at 5578'. Record fill depth in Wellview.  
**Note:** if more than 5' of fill is tagged, cleanout to PBTD (if possible)
5. TOOH with tubing (detail below), lay down 1 ½" tubing and send it to COP yard

164- 1-1/2" 2.9# J-55 Tubing joints  
1- 1- 1/2" 2.9# J-55 Tubing pup joint (2')  
1- 1-1/2" 2.9# J-55 Tubing joint  
1- 1- 1/2" Seating nipple (ID 1.375") @ 5376'  
1- 1- 1/2" Expendable check

**Note:** Visually inspect tubing, record findings in WellView, make note of corrosion, scale, and/or holes.

6. PU and TIH with a RBP and Packer for a 3-1/2" 7.7# casing on the 2 1/16" tubing. Set RBP within 50' of the top perms @ 5,110' and set a packer to test RBP to 500psi for 10 min.
7. Unset packer and test casing to 500psi for 30 min on a 2 hour chart. If test passes, continue as follows. If test fails, contact Rig Superintendent and Production Engineer (be prepared for squeezing the hole(s)).

**Note: Contact Rig Superintendent and Production Engineer prior to perform any cement job.**

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8. Latch on and retrieve RBP, TOOH. Lay down RBP and Packer.
9. TIH with tubing (detail below). Recommended landing depth is 5400' +/- 5'. Land FN @ 5368'.  
  
1- 2-1/16" Bull plug  
1- 2 1/16" x 31' 14' DOUBLE PGA 1 4" x 1/8" x 16  
1- 2-1/16" F-Nipple (ID= 1.53) @ 5368'

~163- 2-1/16" 3.25# J-55 tubing joints  
Pups joints as necessary to achieve proper landing depth  
1- 2-1/16" 3.25# J-55 tubing joint

10. Set standing pressure test tubing 1500psi, remove standing, (using sand line).
  11. ND BOP, NU B-1 Adapter, rod radigan, and flow tee (place rod radigan, below flow tee).
  12. RDMO work over rig and leave well ready for the co rod unit from Weatherford.
  13. MIRU Weatherford Co-Rod Unit. Check casing, tubing, and bradenhead pressures and record them in Wellview.
  14. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl if necessary. ND wellhead and NU BOPE.
  15. RIH w/ the insert pump per below on 3E (5/8") Co-Rod with required pony rods to space out pump for 86" stroke length.
    - 1- 12' x 1" Gas Anchor/ Dip tube
    - 1- 1 3/4" x 1-1/4" x 14' RWAC Insert pump with -0.005" total clearance between plunger and barrel, CA pattern balls, double standing valve, and single traveling valve
    - 1- 1" x 1' Lift Sub
    - 1- 5/8" x 8' Rod centralizers with rods
    - 1- Jointed 5/8" rod
    - 1- 22,000# Norris Shear Tool
    - 5400'- +/- Weatherford 3E Elliptical co rod w/ 5/8" rod on top
    - 1- 3/4" Grade D rod (slim hole coupling)
    - 1- 1-1/4" X 22' Polish Rod with Liner
  16. Space out and seat pump. Load tubing with water to pressure test tubing and pump to 1000 psi. Test for good pump action.
  17. Load tubing with water and test tubing to 1000 psig. Stoke pump to 500 psig and tie polished rod to pumping unit. Space out pump for 86" stroke. Verify well pumps up before moving out. Plumb flowline to wellhead assembly.
  18. Notify lease operator that well is ready to be returned to production. RD, MOL
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