submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY 22 2008
Bureau of Land Management
Farmington Field Office

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**
Sec., T--N, R--W, NMPM

Unit K (NESW), 1840' FSL & 1460' FWL, Sec. 34, T31N, R8W NMPM

5. **Lease Number**
SF-079037

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

7. **Unit Agreement Name**

8. **Well Name & Number**
Hale #351

9. **API Well No.**
30-045-27649

10. **Field and Pool**
Basin FRC

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	
☐ Subsequent Report	☐ Plugging	☐ Non-Routine Fracturing	
☐ Final Abandonment	☐ Casing Repair	☐ Water Shut-off	
	☐ Altering Casing	☐ Conversion to Injection	
		☒ Other : MIT	

13. Describe Proposed or Completed Operations

Burlington Resources intends to perform a MIT on the following well. Please see the attached procedure.

RCVD MAY 27 '08
OIL CONS. DIV.
DIST. 3

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

Signed _____ Philana Thompson Title Regulatory Tech Date 5/22/08

(This space for Federal or State Office use)
APPROVED BY Original Signed: Stephen Mason Title _____ Date MAY 2 3 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

ConocoPhillips

Hale 351 (FRC)

MIT/ Hollow Rods Pump Installation

Lat 36° 51' 7.668" N **Long** 107° 39' 57.06" W

Prepared By: Dryonis Pertuso Date: 04/28/08
Review/approved By: Stan Terwilliger Date: 05/21/08

Scope of work: Perform a MIT on the 7" intermediate casing. Pull rods, pump, and tag for fill. Clean out as necessary with a bailer. Inspect and replace bad tuning joints, re-run tubing and run an insert pump with a hollow valve and hollow rods (IJ 1" tubing). Uplift is estimated at 250 Mcfd and the payout is estimated at 4.6 months with current gas prices.

Est. Rig Days: 5
RFE #:

WELL DATA:

SAFETY ALERT: This well has high H2S concentration last analysis showed 250 ppm.

API: 30-045-27649
Location: 1840' FNL & 1460' FEL, (Spot K), Section 34 – T31N – R08W
PBTD: 3236' **TD:** 3237'
Perforations: 2928'-2970', 2992'-3013' FRC (perforated liner)

Well History: This well was completed 1990. As a Fruitland coal producer. The well had been producing very steady until 2004. Since then, several tubing integrity problems have been detected and fixed, all these problems can be attributed to the incontrollable concentrations of H2S in the wellbore. The well has been shut in due to the high concentration of H2S. Neither bath treatment nor surface continuous treatment has been effective. Therefore, in order to optimize the chemical injection and consequently be able get this well back to production, it is recommended to run hollow rods and hollow valve rod pump, in order to inject H2S scavenger continuously through the Tubing-hollow rod annulus. After this job is completed, it is expected the well get back to its normal production of 250 Mcfd.

Artificial lift on well (type): American T17, C96 Arrow (20hp)

Est. Reservoir Pressure (psig): 150 (FRC)

Well Failure Date: Well shut in due to High H2S concentration.

Current Rate (Mcfd): 0 **Est. Rate Post Remedial (Mcfd): 200**
Earthen Pit Required: NO

Special Requirements: 3340' of 1" J-55 IJ tubing to be used as hollow rods. Pick up additional 2 3/8 J-55 tubing for replacement. New 2"x 1-1/4" x12' RWBM-Z-HVR bottom insert Hollow rod pump with Double standing valve, single traveling valve, and hollow valve on the top on the plunger, Wellhead adapter and hoses to connect hollow rods liquid

outlet to surface lines, a new hollow pull tube with a liner, a new stuffing box if required, and a modified PGA Anchor joint with the two rows of slots located 3' below top coupling

PE Production Engineer:	Dryonis Pertuso, Office: (505) 599 3409, Cell: (505) 320 6568	
PE Backup:	Jim Arroyo, Office: (505) 599 3437, Cell: (505) 320 2568	
MSO:	David Aguirre	Cell # (505) 486-1902
Lead:	Howard Self	Cell # (505) 324-5127
Area Foreman:	Mark Poulson	Cell # (505) 320 2523

ConocoPhillips

Hale 351 (FRC)

MIT/ Hollow Rods Pump Installation

Lat 36° 51' 7.668" N **Long** 107° 39' 57.06" 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. **Make sure the well has been bath treated with H2S scavenger before starting the job (call MSO or Production lead for confirmation).**

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. Remove polished rod from carrier bar. ND stuffing box. Load tubing as necessary to keep from gassing with 2% KCl water or produced water.

4. Pressure test tubing to 500 psi before unseating the pump.

5. Pull rods and pump. Look for indications of scale, corrosion or wear. Note in daily report, see detail below, Lay down rods and send it to COP yard.
   From Bottom to Top:
   (1) 1-1/4" x 22' polished rod
   (1) ¾" x 8' pony rods
   (61) ¾" guided rods
   (34) ¾" sucker rods
   (21) ¾" guided rods
   (2) ¾" x 8' guided pony rods
   (3) 1-1/4" sinker bars
   (1) Norris shear coupling (22,000 #)
   (2) ¾" x 8' guided pony rods
   (1) 2"x 1-1/4" x14' RHAC insert pump
   (1) 1" x 10' gas anchor/dip tube

6. Nipple down wellhead and nipple up BOP stack.

7. Pump 2% KCl fluid as necessary to maintain well control, although dumping the tubing load should go along way toward killing it (minimize the amount of fluid put on the formation as bottom hole pressure is estimated at 150 psi). Pull hanger and remove. Pull one stand and wait 15 minutes for any fill to settle (note weight of string when pulling). Go back to bottom and tag for fill. POOH. See tubing string detail below:
   From Bottom to Top:
   (1) 2 3/8" x 31' 4.7# J-55 tubing joint
   (2) 2-3/8" x 5' tubing subs
   (97) 2 3/8" x 31' 4.7# J-55 tubing joints
   (1) 2-3/8" x 1.78" Seating nipple set at 3,334'
   (1) 2 3/8" x 32' Patterson Gas Anchor joint
   (1) 2-3/8" Bull plug

8. Pick up and TIH with an RBP and Packer for 7" 23# K-55 casing on the 2 3/8" tubing.

9. Set RPB 50' above the top of the liner (to of liner @ 2,880'), unlatch from RBP and set packer to test RBP for 15min.

10. 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 BAE Production Engineer (be prepared for squeezing the hole(s)).

11. If there is fill in the well, run in with bailer and clean out fill to PBTD of 3,074'. Make at least two trips to make sure the well is clean.

12. Run in hole the bottom-hole assembly as follows, see detail below, land tubing @ 3,066'.

Bottom to Top

(1) 2-3/8" Bull plug
(1) 2 3/8" x 32' Modified Patterson Gas Anchor joint with the two rows of slots located 3' below top coupling.
(1)2 3/8" F-nipple (ID 1.72") @ 3,033'
(1) 2 3/8" x 8' perforated joint
(~96) 2 3/8" x 31' 4.7# J-55 tubing joints
(1) 2 3/8" x 31' 4.7# J-55 tubing joint

Note: Use pup joints as necessary to reach landing depth, Always install a full joint at the top of the string

13. Nipple down BOP and nipple up wellhead with the facilities/ assembly required to hook up chemical injection through the tubing-hollow rods annulus.

14. RIH with the following pump and rod string and space out pump using pony rods as necessary.

Bottom to Top

(1) 1" x 12' gas anchor/dip tube
(1) RWBM-Z-HVR 2"x 1¼"x 12' bottom insert Hollow rod, with Double standing valve, single traveling valve, and hollow valve on the top of the plunger
(~98) Joints of IJ Tubing 1.315" J-55 (1" Nom OD) (Use 1 +/- tubing joint as necessary to obtain proper landing depth and should be spaced out for 64" stroke)
(1)Pull Tube 1-1/2" x 24' Connector (Hollow Polished Rod) with 1 ¾" Liner
(1) 10" Top Pull Tube Adaptor

15. Nipple up stuffing box and rod rotator.

16. Place 90 degrees Swivel with 1" ID Hose with winter insulator (~12' Length)

17. Stroke pump to 500 psig and tie polished rod to pumping unit. Verify well pumps up before moving out. Set the pumping unit, re-plum the wellhead in such way that the chemical can be injected through the tubing-rods annulus and the water produced through the hollow rods, and set stroke not to Tag (NO TAG!).

18. Notify Operator that the well is ready to be returned to production.

See Attached Wellbore Schematic and Pertinent Well Data Sheet:

Current Schematic

ConocoPhillips

Well Name: HALE #351

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004527649	[illegible]	[illegible]		NEW MEXICO	VERTICAL

Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,227.00	6,239.00	12.00	6,239.00	6,239.00

Well Config: VERTICAL - 30045276490000, 4/23/2008 9:23:08 AM

ftKB (MD)	Schematic - Actual	Frm Final
-5		
0		
12	Polished Rod Sinker Bar, 22.0ft	
17	Sucker Rod, 8.0ft	
26	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 43 ftKB	
43	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 43 ftKB, 53 ftKB	
53		
428	Surface Casing Cement, 12-430, 4/15/1990, 320 sxs Class B; circulate 15 bbls of cement to surface	
430	Surface, 9 5/8in, 36.00lbs/ft, K-55, 12 ftKB, 430 ftKB	
437	Guided Rods, 1,525.0ft	
1,551	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 53 ftKB, 3,034 ftKB	
1,965	Sucker Rod, 850.0ft	Ojo Alamo, 1,965
2,060		Kirtland, 2,060
2,401		
2,835	Guided Rods, 525.0ft	Fruitland, 2,835
2,872		
2,880	Intermediate Casing Cement, 12-2,910, 4/17/1990, 580 sxs 65/35 Cl B; circualte 15 bbls of cement ot surface	
2,884		
2,909		
2,910	Intermediate, 7in, 23.00lbs/ft, K-55, 12 ftKB, 2,910 ftKB, Original KB was 12' (set depth changed for a 10' KB)	
2,911		
2,920		
2,926		
2,928	8' 3/4 GUIDED PONY, 16.0ft	
2,942	Perforated Liner, 2,928-2,970, 11/17/1999	
2,970	Sinker Bar, no neck, 75.0ft	
2,992	Perforated Liner, 2,992-3,013	
3,012		
3,013		
3,016	Shear Tool, 0.5ft	
3,017	Guided Rod, 16.0ft	
3,033	Pump Seating Nipple, 2 3/8in, 3,034 ftKB, 3,035 ftKB	
3,033	Rod Insert Pump, 14.0ft	
3,035	Patterson gas anchor, 2 3/8in, 4.70lbs/ft, J-55, 3,035 ftKB, 3,067 ftKB	
3,047		
3,053	Gas Anchor/Dip Tube, 10.0ft	
3,054	Bull Plug, 2 3/8in, 3,067 ftKB, 3,068 ftKB	
3,057	Item 13-8, 2 3/8in, 3,068 ftKB, 3,068 ftKB	
3,067	Perforated Liner, 3,054-3,074	
3,068	Item 13-7, 2 3/8in, 3,068 ftKB, 3,068 ftKB	
3,074	PBTD, 3,074	
3,074		
3,076	Liner, 7in, 15.50lbs/ft, K-55, 2,880 ftKB, 3,076 ftKB	
3,077	TD, 3,077	