

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

SF-078387

6. If Indian, Allottee or Tribe Name

RCVD AUG 22 '14

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

7. If Unit of CA/Agreement, Name and/or No.

AUG 14 2014

OIL CONS. DIV.

8. Well Name and No.

Howell D 351S

9. API Well No.

DIST. 3  
30-045-31951

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

Basin FC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface

Unit F (SE/NW), 1490'FNL, 1620'FWL, Sec. 29, T31N, R8W

11. Country or Parish, State

San Juan

New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources requests permission to P&A the subject well per the attached procedure, current & proposed wellbore schematics. The pre P&A oniste washeld on 7/31/14 with Bob Switzer. Reclamation cannot be completed as this well is twinned with the Howell D 2A (API #30-045-21775) which is a producing well. Reclamation of this location will be completed when the twinned well is reclaimed. A closed loop system will be utilized for this P&A.

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

OIL CONS. DIV DIST. 3

AUG 22 2014

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs  
prior to beginning  
operations



H<sub>2</sub>S POTENTIAL EXIST

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Arleen White

Staff Regulatory Tech

Title

Signature

Arleen White

Date

8/14/14

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salvors

Title Petroleum Eng.

Date 8/20/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**ConocoPhillips**  
**HOWELL D 351S**  
**Expense - P&A**

Lat 36° 52' 19.236" N

Long 107° 42' 4.68" W

**PROCEDURE**

**This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.**

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. **If there is pressure on the BH, contact the Wells Engineer.**
3. Remove existing piping on casing valve. RU blow lines from casing valves and being blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. TOOH w/ rod string and LD (per pertinent data sheet).  

<b>Rod Size:</b>	3/4"	<b>Set Depth:</b>	3381	ftKB
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5. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger
6. TOOH with tubing (per pertinent data sheet).  

<b>Tubing size:</b>	2-3/8" 4.7# J-55 EUE	<b>Set Depth:</b>	3400	ftKB	<b>KB:</b>	10	ft
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7. PU 6-1/4" bit and watermelon mill and round trip as deep as possible above top of liner @ 3064'.
8. PU 7" CR on tubing, and set @ 3054'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.
9. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. *Adjust plugs as necessary for new TOC.*

**All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**7. Plug 1 (Fruitland Coal, 2983-3054', 24 Sacks Class B Cement)**

Mix 24 sx Class B cement and spot a balanced plug inside casing to isolate Fruitland formation top. PUH.

**8. Plug 2 (Kirtland & Ojo Alamo, 2134-2324', 47 Sacks Class B Cement)**

Mix 47 sx Class B cement and spot a balanced plug inside casing to isolate the Kirtland and Ojo Alamo formation tops. PUH.

**9. Plug 3 (Nacimiento, 738-838', 29 Sacks Class B Cement)**

Mix 29 sx Class B cement and spot a balanced plug inside casing to isolate the Nacimiento formation top. PUH.

**10. Plug 4 (Surface Plug, 0-193', 47 Sacks Class B Cement)**

**IF PRESSURE IS OBSERVED ON BH CONTACT WELLS ENGINEER AND RIG SUPERINTENDENT FOR INSTRUCTIONS.** Connect the pump line to the BH valve and attempt to pressure test the BH annulus to 300 psi; note the volume to load. If the BH annulus holds pressure, establish circulation out casing valve with water. Mix 45 sx Class B cement and spot a balanced plug inside casing from 193' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC. If the BH annulus does not test, perforate at the appropriate depth and attempt to circulate cement to surface filling the 7" casing and the BH annulus to surface. Shut in well and WOC.

11. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



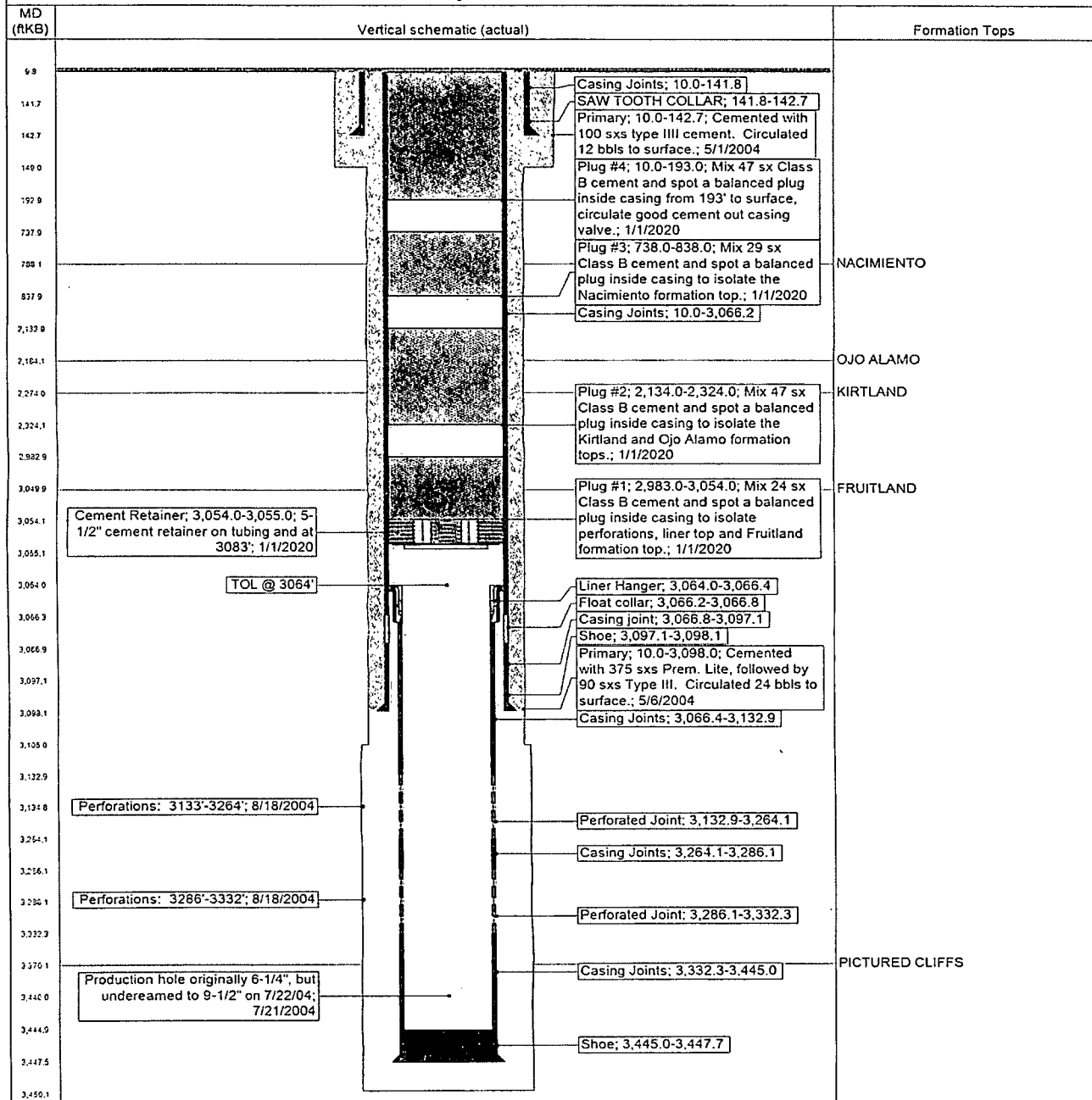


# Proposed Schematic

## HOWELL D #351S

District NORTH	Field Name BASIN (FRUITLAND COAL)	API / UWI 3004531951	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 4/30/2004	Surface Legal Location NMPM,029-031N-008W	East/West Distance (ft) 1,620.00 W	North/South Distance (ft) 1,490.00 N	North/South Reference

Original Hole, 1/1/2020 1:30:00 AM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Howell D #351S

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) 564-7750.

Note: Low to high concentrations of H<sub>2</sub>S (5 ppm-186 ppm GSV) have been reported in wells within a 1 mile radius of this location.

Operator will run a CBL to verify cement top. Submit electronic copy of the log for verification to the following BLM address: [tsalyers@blm.gov](mailto:tsalyers@blm.gov)

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.