

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 11 2012

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7 If Unit of CA/Agreement, Name and/or No
2 Name of Operator Burlington Resources Oil & Gas Company LP		8 Well Name and No Howell D 352S
3a Address PO Box 4289, Farmington, NM 87499	3b Phone No (include area code) (505) 326-9700	9 API Well No. 30-045-31986
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit I (NESE), 1535' FSL & 1145' FEL, Sec. 31, T31N, R8W		10. Field and Pool or Exploratory Area Basin Fruitland Coal
		11. Country or Parish, State San Juan, New Mexico

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

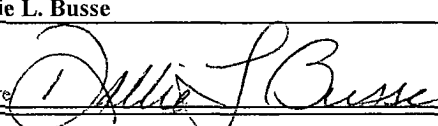
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input 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 and proposed wellbore schematics.

RCVD SEP 20 '12
OIL CONS. DIV.
DIST. 3

Set CR as close to the liner top as possible

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Dollie L. Busse		Title Staff Regulatory Technician
Signature 		Date 9/11/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title SEP 18 2012
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

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

Expense – P&A

August 22, 2012

Howell D 352S

Basin Fruitland Coal

1535' FSL and 1145' FEL, Unit I Section 31, T31N, R08W

San Juan County, New Mexico / API 3004531986

Lat: 36° 51' 5.076" N/ Long: 107° 42' 39.276" 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 a 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 and pressure test BOP. PU and remove tubing hanger. TOOH with tubing.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. Rods: Yes ☐, No ☒, Unknown ☐.
Tubing: Yes ☒, No ☐, Unknown ☐ Size 2 3/8", Length 2823'.
Packer: Yes ☐, No ☒, Unknown ☐ Type .

Round trip 7" gauge ring or casing scraper as deep as possible. Liner top is unknown. Schematic shows depth it was supposed to be, but during last work over, it was never tagged and not found with a downhole camera.

5. **Plug #1 (Fruitland Open Hole, Intermediate Casing Shoe, Liner Top (if present), and Fruitland Formation Top: 2718' – 2818')**: RIH and set 7" CR at 2818'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 29 sxs Class B cement and spot above CR to isolate the Fruitland open hole, Intermediate casing shoe, Liner top (if present—Liner top depth is unknown at this time), and Fruitland Formation top. PUH.
6. **Plug #2 (Kirtland and Ojo Alamo Tops: 1863' – 2093')**: Mix 55 sxs Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops. PUH.
7. **Plug #3 (Nacimiento: ⁶⁰⁴409' – ⁵⁰⁴509')**: Mix 29 sxs Class B cement and spot a balanced plug inside casing to cover Nacimiento top. POOH.
8. **Plug #4 (9 5/8" Surface Casing Shoe: 194' – surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 48 sxs Class B cement and spot a balanced plug from 194' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to

circulate cement to surface filling the casing from 194' and the annulus from the squeeze holes to surface. Shut in well and WOC.

9. 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.

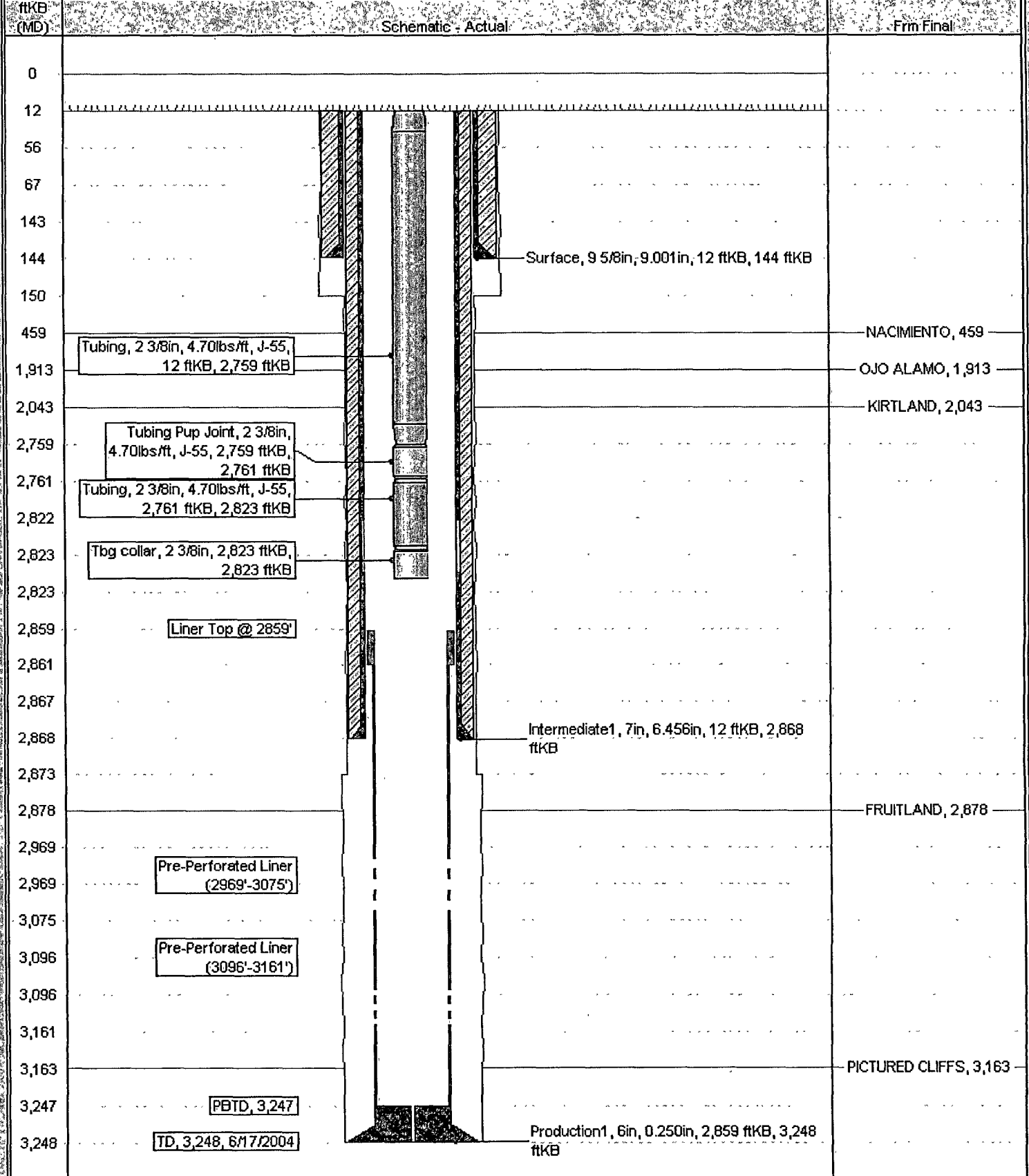
CURRENT SCHEMATIC

ConocoPhillips

HOWELL D #352S

District NORTH	Field Name BASIN (FRUITLAND COAL)	API / UWI 3004531986	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 2/8/2004	Surface Legal Location NMPM,031-031N-008W	E/W Dist (ft) 1,145.00	E/W Ref E	N/S Dist (ft) 1,535.00	N/S Ref S

Well Config: - Original Hole: 8/22/2012 9:50:25 AM



API/UWI 3004531986	Surface Legal Location NMPM,031-031N-008W	Field Name BASIN (FRUITLAND COAL)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (m) 6,336.00	Original KB/PT Elevation (m) 6,348.00	KB-Ground Distance (m) 12.00	KB-Casing Flange Distance (m) 6,348.00	KB-Tubing Hanger Distance (m) 6,348.00		

Well Config: Original Hole, 1/1/2020

ftKB (MD)	Schematic - Actual	From Final
0		
12		
56		
67		
143		
144		
150		
194		
409		
459		NACIMIENTO, 459
509		
1,863		
1,913		OJO ALAMO, 1,913
2,043		KIRTLAND, 2,043
2,093		
2,718		
2,759		
2,761		
2,818		
2,819	Cement Retainer, 2,818-2,819	
2,822		
2,823		
2,823		
2,859	Liner Top @ 2859'	
2,861		
2,867		
2,868		
2,873		
2,878		FRUITLAND, 2,878
2,969	Pre-Perforated Liner (2969'-3075')	
2,969		
3,075		
3,096	Pre-Perforated Liner (3096'-3161')	
3,096		
3,161		
3,163		PICTURED CLIFFS, 3,163
3,247	PBTD, 3,247	
3,248	TD, 3,248, 6/17/2004	
		Production 1, 6in, 0.250in, 2,859 ftKB, 3,248 ftKB

Surface Casing Cement, 12-144, 2/9/2004,
176 sx Type III w/ 3% CaCl₂ and 0.25 pps
Celloflake. Circ. 9 bbls to surf.

Surface, 9 5/8in, 9.001in, 12 ftKB, 144 ftKB

Plug #4, 12-194, 1/1/2020, Mix 48 sxs Class
B cement and spot a balanced plug from 194'
to surface, circulate good cement out casing
valve.

Plug #3, 409-509, 1/1/2020, Mix 29 sxs Class
B cement and spot a balanced plug inside
casing to cover Nacimiento top.

Plug #2, 1,863-2,093, 1/1/2020, Mix 55 sxs
Class B cement and spot a balanced plug
inside casing to cover Kirtland and Ojo Alamo
tops

Plug #1, 2,718-2,818, 1/1/2020, Mix 29 sxs
Class B cement and spot above CR to isolate
the Fruitland Open hole, Intermediate casing
shoe, Liner top (if present - Liner top depth is
unknown at this time), and Fruitland
Formation top.

Intermediate Casing Cement, 12-2,868,
2/12/2004, 345 sx Premium Lite Class C w/
3% CaCl₂, 0.25 pps Flocelle, 5 pps LCM-1,
0.4% FL-52 + 90 sx Type III Class B w/ 1%
CaCl₂, 0.25 pps Celloflake, 0.2% FL-52. Circ.
34 bbls to surf.

Intermediate 1, 7in, 6.456in, 12 ftKB, 2,868
ftKB

**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: 352S Howell D

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.
3. The following modifications to your plugging program are to be made:
 - a) Place the Nacimiento plug from 604' – 504'.

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.