

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

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

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

Surface Unit E (SW/NW), 1630'FNL, 1020'FWL, Sec. 27, T31N, R8W

5. Lease Serial No.

SF-079037

6. If Indian, Allottee or Tribe Name

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

OIL CONS. DIV.

8. Well Name and No.

Hale 350S

9. API Well No.

30-045-31992

10. Field and Pool or Exploratory Area

Basin FC

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

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☒ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 was held on 7/31/14 with Bob Switzer. Reclamation cannot be completed as this well is twinned with the Hale 2A (API #30-045-21914) 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.



H₂S POTENTIAL EXIST

**Notify NMOCD 24 hrs
prior to beginning
operations**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

OIL CONS. DIV DIST. 3

AUG 22 2014

**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**

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 Saliers

Title

Petroleum Eng.

Date

8/20/2014

Office

FFO

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.

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
HALE 350S
Expense - P&A

Lat 36° 52' 16.5" N

Long 107° 40' 2.892" 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 begin 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).

Size: 3/4"

Length: 3371'

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).

Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 3394 ftKB

KB: 10 ft

7. PU bit and watermelon mill for 7" casing and round trip as deep as possible above top of liner @ 3041'.

8. PU CR for 7" casing on tubing, and set @ 2991'. 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.

See COA

10. Plug 1 (Liner Top, Pictured Cliffs, and Fruitland Formation Tops, 2991-2754', 56 Sacks Class B Cement)

Mix 56 sx Class B cement and spot a plug inside the casing above the CR to cover the Liner Top, Pictured Cliffs, and Fruitland Tops. PUH.

11. Plug 2 (Kirtland and Ojo Alamo Formation Tops, 2342-2090', 59 Sacks Class B Cement)

Mix 59 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo Tops. PUH.

See COA

12. Plug 3 (Nacimiento Formation top, 912-812', 29 Sacks Class B Cement)

Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Nacimiento Top. PUH.

13. Plug 4 (Surface Plug, 365-0', 80 Sacks Class B Cement)

Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 80 sx Class B cement and spot balanced plug inside casing from 365' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well 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 and the BH annulus to surface. Shut well in and WOC.

14. 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.

ConocoPhillips

District NORTH	Field Name BASIN (FRUITLAND COAL)	API / UWI 3004531992	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 9/20/2004	Surface Legal Location 027-031N-008W-E	E/W Dist (ft) 1,020.00	E/W Ref FWL	N/S Dist (ft) 1,530.00
				N/S Ref FNL

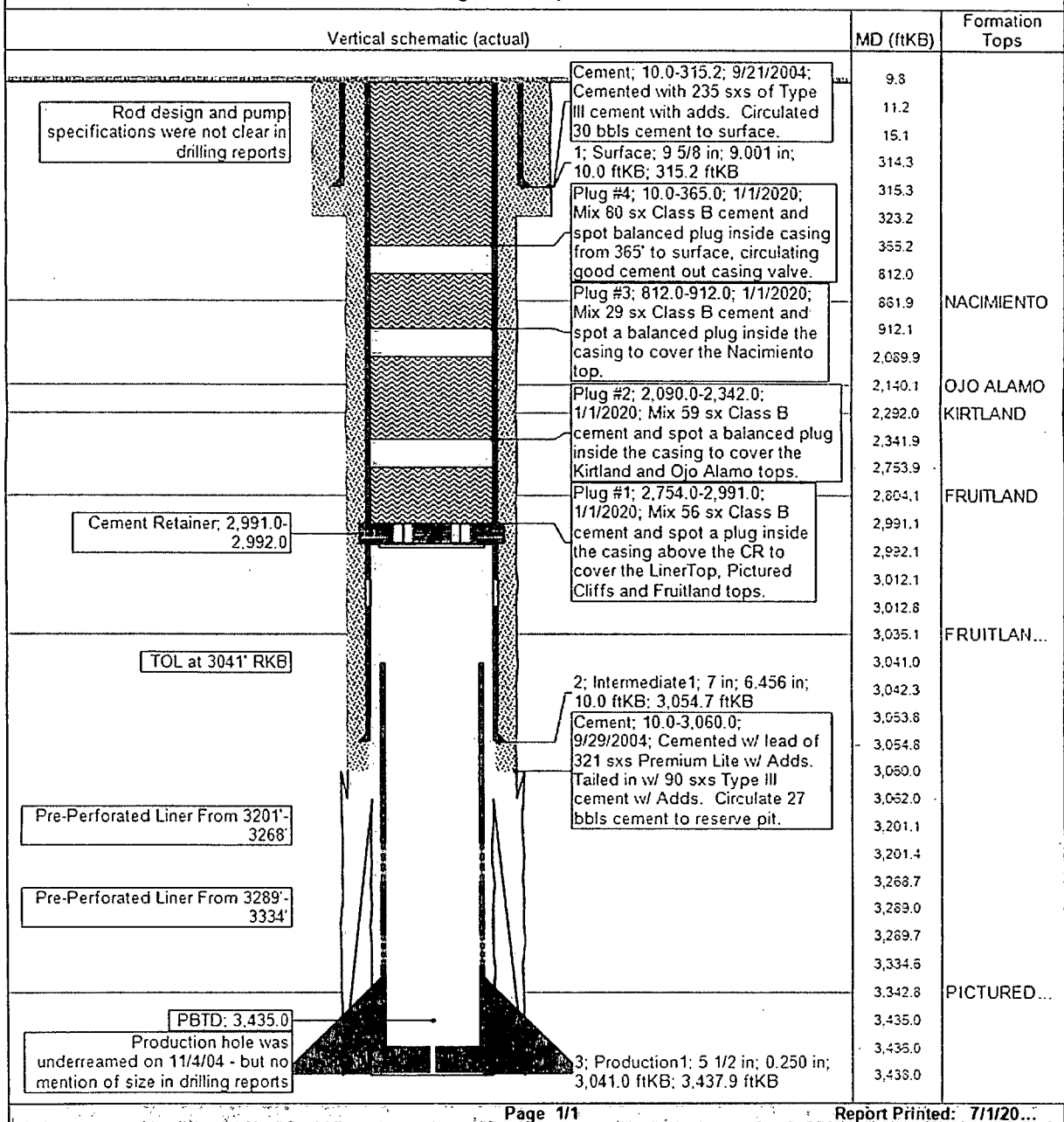
Vertical schematic (actual)		MD (ftKB)	TVD (ftKB)	Formation Tops
Polished Rod w/ Liner: 7.9-15.0		-5.9	-5.9	
Rod design and pump specifications were not clear in drilling reports		5.5	9.8	
Pony Rod: 15.0-21.0		11.2	11.2	
Tubing: 10.0-41.2		15.1	15.1	
Tubing Pup Joint: 41.2-65.8		21.0	21.0	
		41.3	41.3	
		55.5	55.5	
		314.3	314.3	
		315.3	215.3	
		323.2	223.1	
Guided Rod: 21.0-1.671.0		331.9	231.7	NACIMIENTO
Tubing: 65.6-3.325.1		1,670.6	1,670.6	
		2,140.1	2,135.7	OJO ALAMO
		2,292.0	2,291.5	KIRTLAND
		2,324.1	2,303.5	FRUITLAND
Sucker Rod: 1.671.0-3.171.0		3,012.1	3,011.5	
		3,012.2	3,012.1	
		3,033.1	3,034.4	FRUITLAND C...
		3,041.0	3,040.3	
		3,042.1	3,041.6	
		3,053.3	3,053.1	
		3,054.1	3,054.1	
		3,059.0	3,058.3	
		3,062.0	3,061.3	
		3,170.8	3,170.2	
		3,175.1	3,175.4	
		3,187.0	3,185.3	
		3,192.9	3,192.2	
		3,201.1	3,200.4	
		3,201.4	3,200.7	
		3,233.7	3,237.9	
		3,239.0	3,238.3	
		3,239.7	3,235.9	
		3,323.1	3,324.3	
		3,327.1	3,326.3	
		3,334.6	3,333.8	
		3,342.1	3,342.0	PICTURED CL...
		3,351.0	3,350.2	
		3,359.6	3,358.9	
		3,360.5	3,359.6	
		3,371.1	3,370.3	
		3,384.0	3,383.2	
		3,435.0	3,434.2	
		3,435.0	3,435.2	
		3,431.0	3,437.2	
Production hole was underreamed on 11/4/04 - but no mention of size in drilling reports				

HALE #350S

State/Province
NEW MEXICO

30.00	North/South Reference FNI
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VERTICAL - Original Hole, 1/1/2020 3:00:00 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: Hale #350S

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 modification(s) to your plugging program are to be made:
 - a) Set plug #1(3041 ft., or as close to 5.5" liner top – 2754 ft.) to cover the Pictured Cliffs, 5.5" liner top, and Fruitland Coal top. Adjust cement volume accordingly.
 - b) Bring the top of plug #3 up to 771 ft. to cover the Nacimiento top. Adjust cement volume accordingly.

Note: Low to high concentrations of H₂S (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

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.

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: Hale #350S 30-045-31992

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 modification(s) to your plugging program are to be made:
 - a) Bring the top of plug #1 up to 2891 ft. to cover the liner top, Pictured Cliffs and Fruitland tops. Adjust cement volume accordingly. BLM picks top of Fruitland Coal at 3042 ft.
 - b) Bring the top of plug #3 up to 771 ft. to cover the Nacimiento top. Adjust cement volume accordingly.

Note: Low to high concentrations of H₂S (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

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.

Revised

OIL CONS. DIV DIST. 3
SEP 29 2014