Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
APR 29 2016
Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **NM-2996**

6. If Indian, Allottee or Tribe Name

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.*

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **Burnt Mesa 101S**

2. Name of Operator **Burlington Resources Oil & Gas Company LP**

9. API Well No. **30-045-31872**

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 Fruitland Coal**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface **Unit J (NWSE), 1880' FSL & 1575' FEL, Sec. 25, T32N, R7W**

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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. This well is twinned with the Burnt Mesa 1A (API #3004522561), a producing well, so the Pre-Disturbance Site Visit was not held. A Closed Loop system will be used.

Notify NMOCD 24 hrs prior to beginning operations

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

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OIL CONS. DIV DIST. 3
MAY 09 2016

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Dollie L. Busse Title **Regulatory Technician**

Signature Dollie L Busse Date 4/28/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Jack Savage Title PE Date 5/3/16

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.

(Instruction on page 2)

NMOCD

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ConocoPhillips
BURNT MESA 101S
Expense - P&A

Lat 36° 56' 56.688" N **Long 107° 30' 50.58" W**

PROCEDURE

NOTE:

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 COP 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" **Set Depth:** 3,446'

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 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:** 3,459' **KB:** 12'

7. PU 7" bit and watermelon mill and round trip as deep as possible above liner top at 3,157'.

8. PU 7" CR on tubing, and set at 3,107'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

9. RU wireline and run CBL with 500 psi on casing from CR at 3,107' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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.

10. Plug 1 - Ojo Alamo, Kirtland and Fruitland Formation Tops, Fruitland Perforations and Liner Top, 2350' - 3107', 156 Sacks Class
Mix 156 sx Class B cement and spot a balanced plug inside the casing to cover the Ojo Alamo, Kirtland and Fruitland formation tops, Fruitland perforations and liner top. PUH.

11. Plug 2 - Nacimiento Formation Top, 708' - 808', 29 Sacks Class B Cement
Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Nacimiento formation top. PUH.

12. Plug 3 - Surface Shoe and Surface Plug, 0' - 194', 48 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, establish circulation out casing valve with water. Mix 48 sx Class B cement and spot balanced plug inside casing from 194' 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. RDMO.

ConocoPhillips

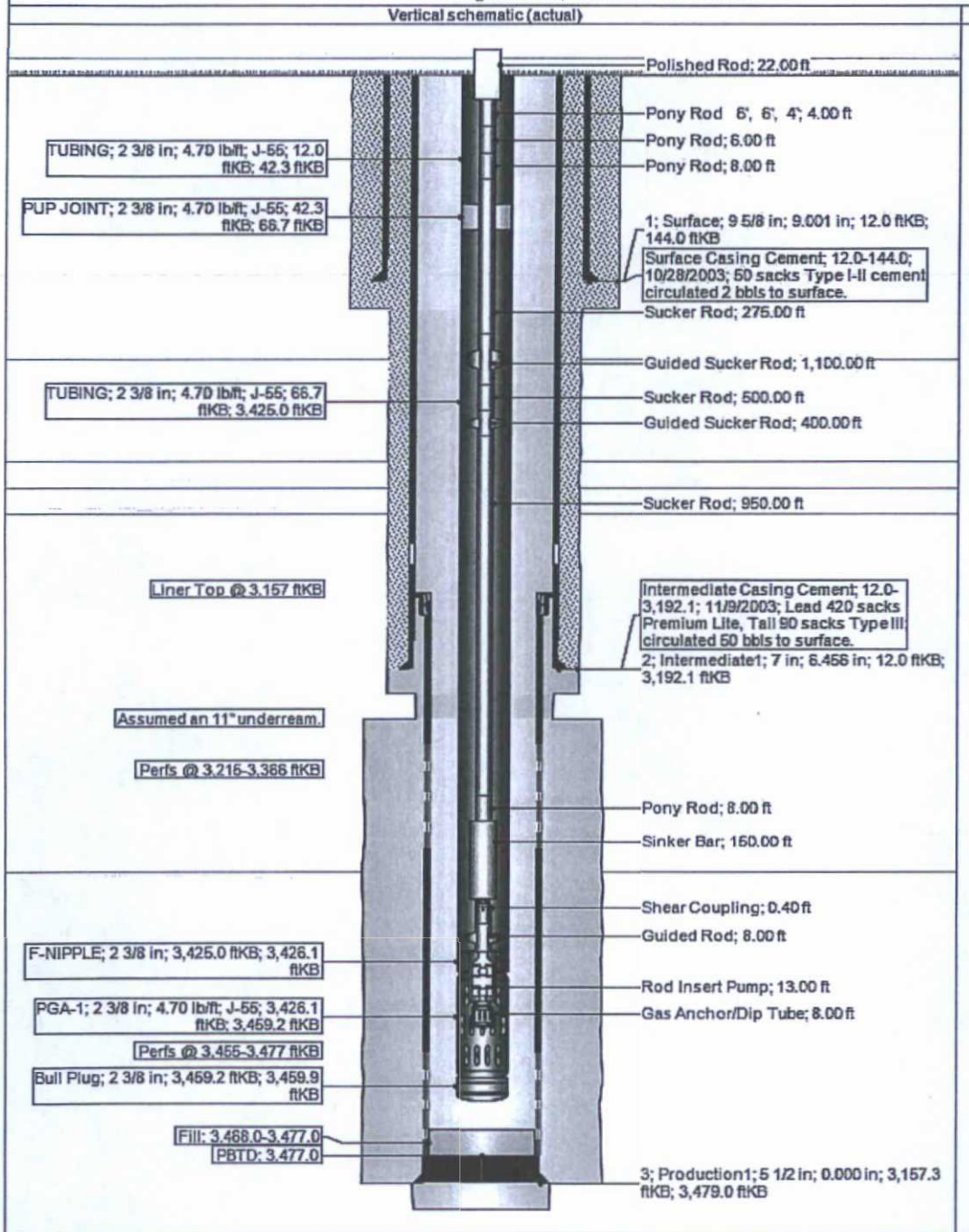
Basic- Schematic - Current

BURNT MESA #101S

District	Field Name	API / UWI	County	State/Province
NORTH	BASIN (FRUITLAND COAL)	3004531872	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
10/28/2003	NMPM,025-032N-007W	1,575.00	E	1,880.00	S

Original Hole, 1/25/2016 4:03:10 PM



MD (ftKB)	Formation Tops
-6.6	
12.1	
15.7	
19.7	
25.6	
33.5	
42.3	
66.6	
143.0	
144.0	
148.0	
308.7	
758.9	NACIMIENTO
1,408.5	
1,908.5	
2,308.7	
2,390.1	OJO ALAMO
2,513.1	KIRTLAND
2,954.1	FRUITLAND
3,146.3	
3,147.3	
3,157.2	
3,158.5	
3,190.9	
3,191.9	
3,194.9	
3,202.1	
3,214.6	
3,214.9	
3,258.5	
3,266.7	
3,366.1	
3,368.1	PICTURED CLI...
3,416.7	
3,417.0	
3,424.9	
3,426.2	
3,438.0	
3,445.9	
3,455.1	
3,459.3	
3,460.0	
3,467.8	
3,477.0	
3,479.0	
3,483.9	

Report Printed: 1/25/2016

Proposed Schematic

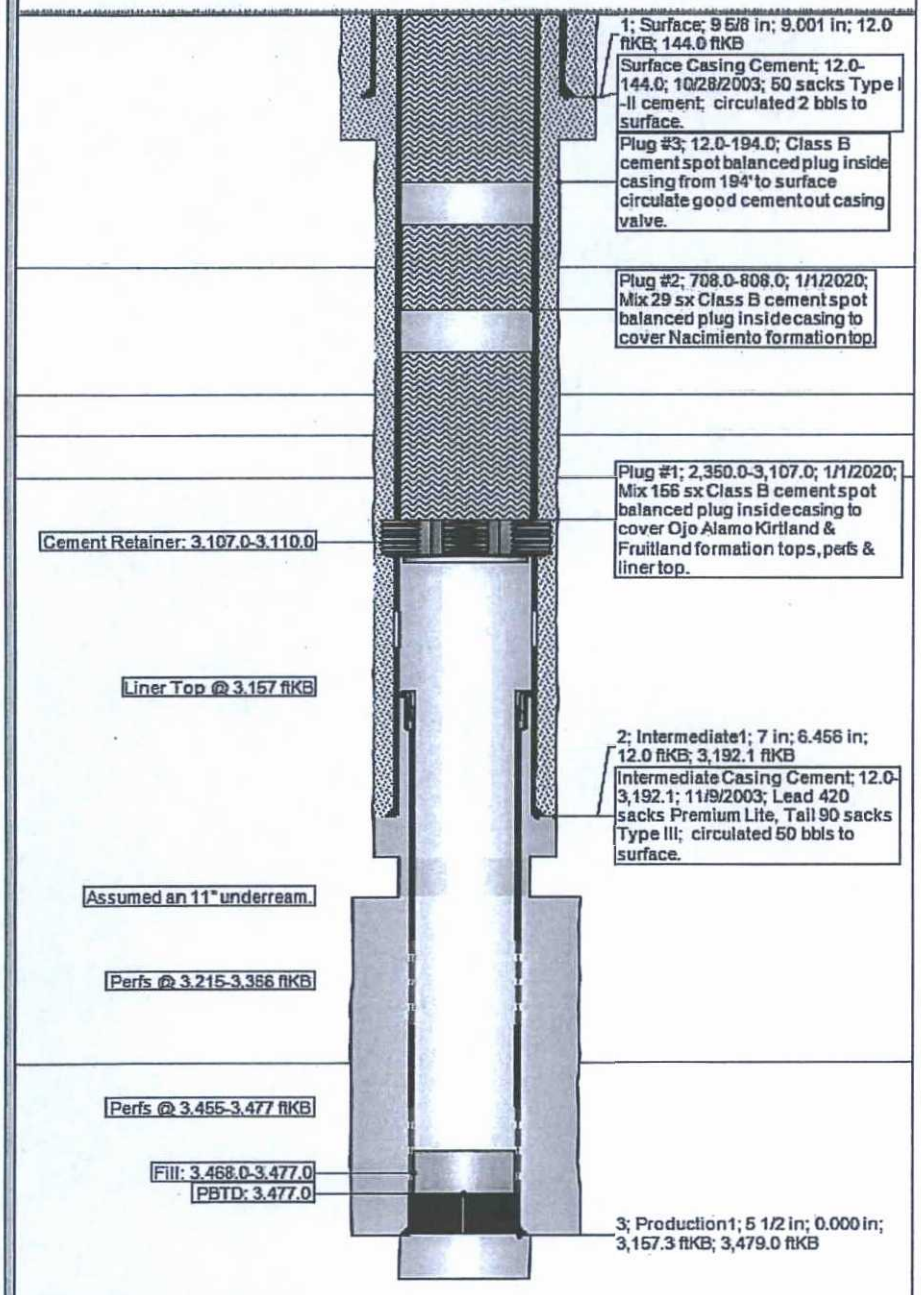
ConocoPhillips

Well Name: BURNT MESA #101S

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004531872	NMPM,025-032N-007W	BASIN (FRUITLAND COAL)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,547.00	6,559.00	12.00	6,559.00	6,559.00

Original Hole, 1/1/2020



MD (ftKB)	Formation Tops
12.1	
143.0	
144.0	
148.0	
193.9	
708.0	
758.9	NACIMIENTO
808.1	
2,350.1	
2,390.1	OJO ALAMO
2,513.1	KIRTLAND
2,954.1	FRUITLAND
3,107.0	
3,109.9	
3,146.3	
3,147.3	
3,157.2	
3,158.5	
3,190.9	
3,191.9	
3,194.9	
3,202.1	
3,214.6	
3,214.9	
3,366.1	
3,368.1	PICTURED CLIFFS
3,455.1	
3,467.8	
3,477.0	
3,479.0	
3,483.9	

Report Printed: 1/26/2016

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: Burnt Mesa 101S

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) Set plug #1 (3063-2335) ft. to cover the Fruitland, Kirtland, and Ojo Alamo tops. BLM picks top of Fruitland at 3013 ft. BLM picks top of Kirtland at 2502 ft. BLM picks top of Ojo Alamo at 2385 ft.

b) Set plug #2 (834-734) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 784 ft.

Operator will run CBL from CR to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

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.