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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 28 2017

Farmington Field Office
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.*

5. Lease Serial No. **NM-02491**

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No. **Murphy C 1**

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

9. API Well No. **30-045-09240**

3a. Address **PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code) **(505) 326-9700**

10. Field and Pool or Exploratory Area **Aztec Pictured Cliffs**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface **Unit A (NENE), 990' FNL & 990' FEL, Sec. 27, T30N, R11W**

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
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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. The Pre-Disturbance Site Visit was held on 3/13/2017 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OIL CONS. DIV DIST. 3

APR 06 2017

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

Notify NMOCD 24 hrs prior to beginning operations

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 3/28/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by AG Imadani Title PE Date 4/3/17

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 AV

ConocoPhillips
MURPHY C 1
Expense - P&A

Lat 36° 47' 16.296" N **Long 107° 58' 19.956" 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 COP safety and environmental regulations. Test rig anchors prior to moving in rig. **Before RU, run slickline to remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.**

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. 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.

5. TOOH with tubing (per pertinent data sheet).
Tubing size: 1.90" 2.75# J-55 **Set Depth:** 2,350' **KB:** 10'

6. RU wireline and RIH with a gauge ring to the top of the perforations at 2,321'.

7. PU 3-1/2" CIBP with wireline and set at 2,270'. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

8. RU wireline and run CBL with 500 psi on casing from CIBP at 2,270' 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.

9. Plug 1 - Perforations, Pictured Cliffs and Fruitland Formation Tops, 1925' - 2270', 17 Sacks Class B Cement
Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the perforations, Pictured Cliffs, and Fruitland formation tops. PUH.

10. Plug 2 - Kirtland and Ojo Formation Tops, 861' - 1150', 138 Sacks Class B Cement
RIH and perforate 3 squeeze holes at 1,150'. Establish injection rate into squeeze holes. RIH with a 3-1/2" CR and set at 1,100'. Mix 138 sx Class B cement. Squeeze 124 sx outside the casing, leaving 14 sx inside the casing to cover the Kirtland and Ojo Formation tops. POOH.

11. Plug 3 - Surface Plug , 0' - 155', 76 Sacks Class B Cement
RU WL and perforate 4 big hole charge (if available) squeeze holes at 155'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 3-1/2" CR and set at 105'. Mix 67 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to105'. Mix 9 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

12. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

ConocoPhillips

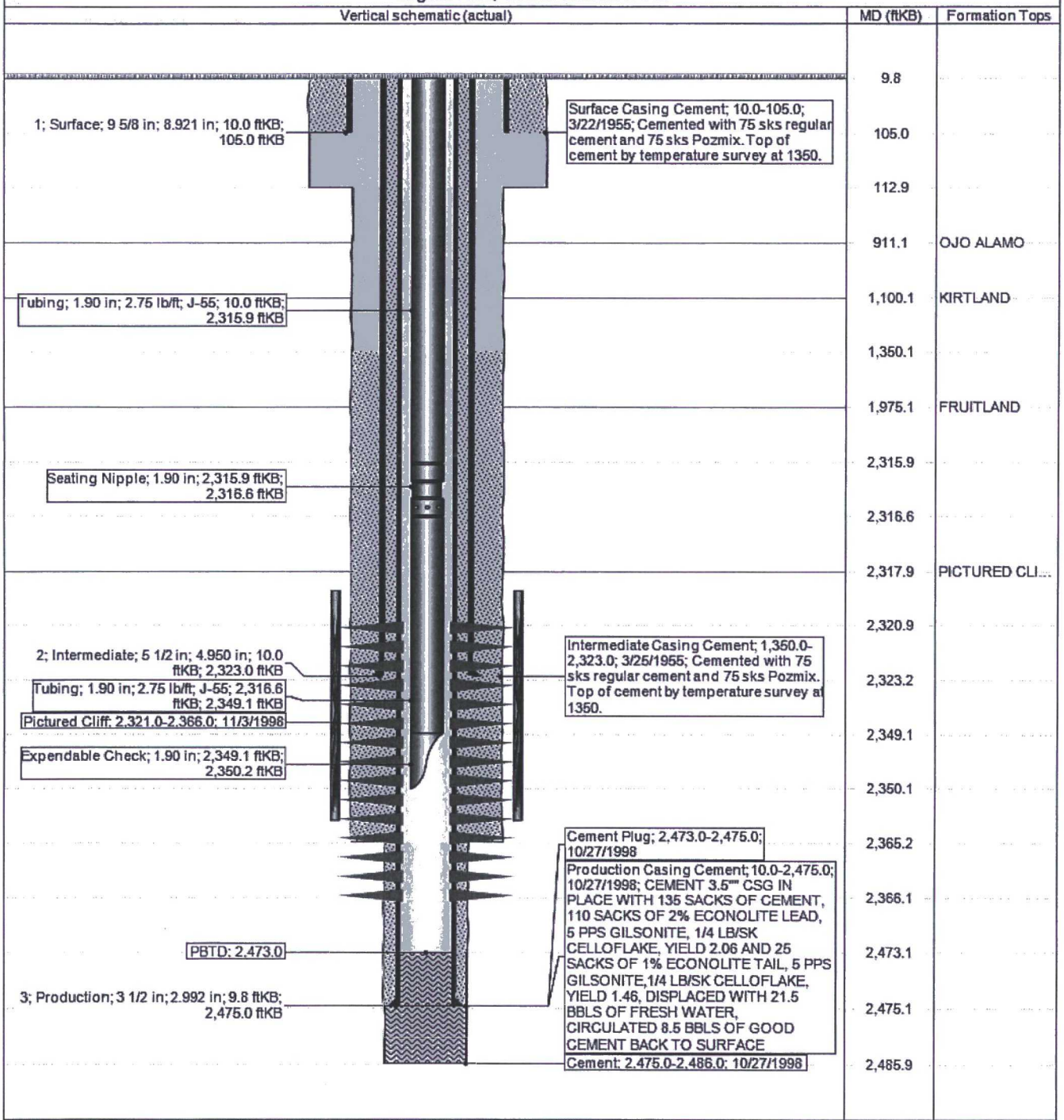
Schematic - Current

MURPHY C #1

District	Field Name	API / UWI	County	State/Province
NORTH	AZTEC PICTURED CLIFFS (G #0037	3004509240	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
3/21/1955	027-030N-011W-A	990.00	FEL	990.00	FNL

Original Hole, 11/2/2016 3:44:15 PM



Schematic - Proposed

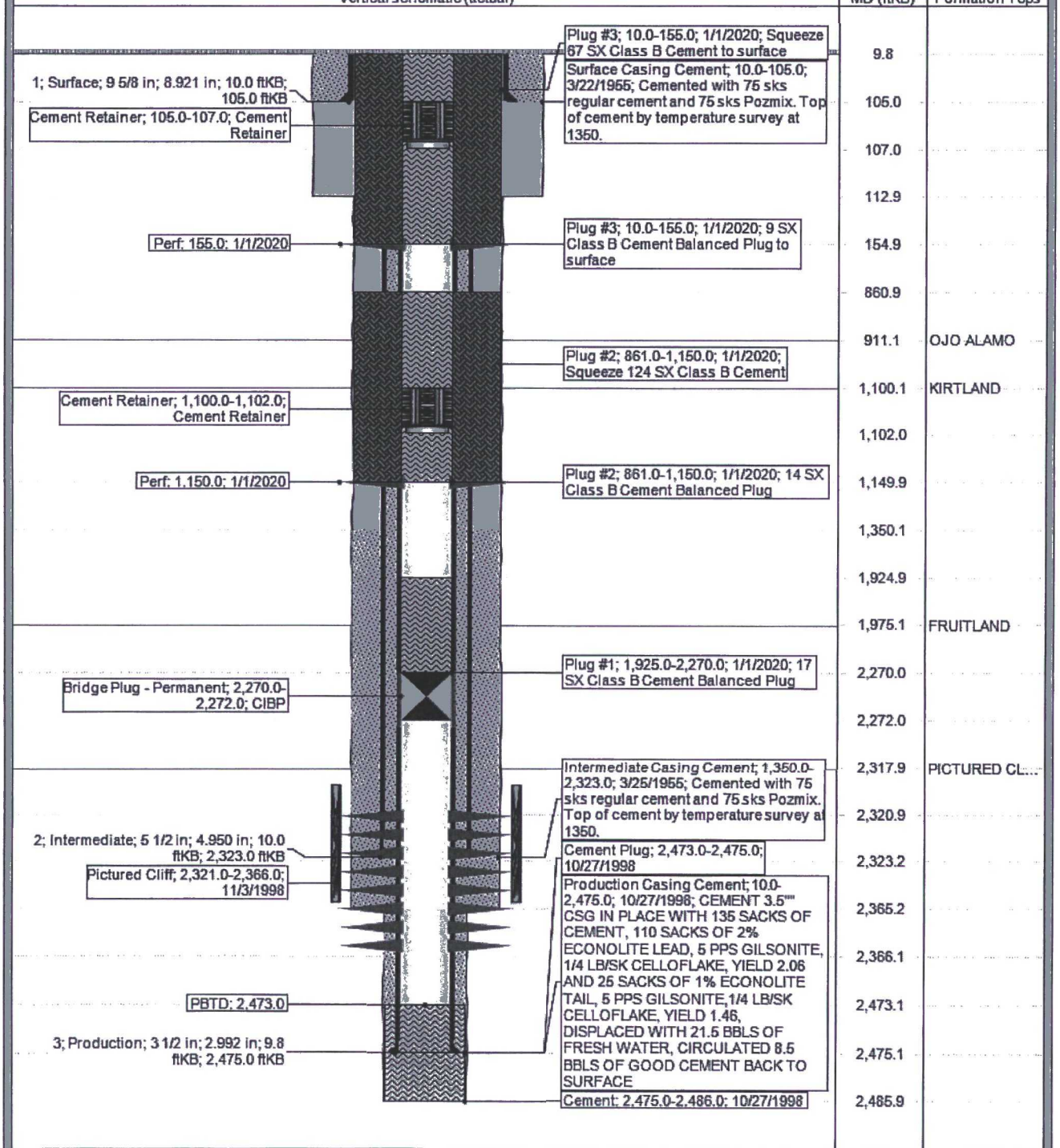
ConocoPhillips

Well Name: MURPHY C #1

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004509240	027-030N-011W-A	AZTEC PICTURED CLIFFS (GAS)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,912.00	5,922.00	10.00		

Original Hole, 1/1/2020 12:04:00 AM



Report Printed: 11/3/2016

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: Murphy C 1

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.

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.