

APR 19 2016

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land Management

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

SF-079634

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 N (SESW), 800' FSL & 1800' FWL, Sec. 13, T28N, R10W

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

McClanahan 20

9. API Well No.

30-045-07418

10. Field and Pool or Exploratory Area

Otero Chacra / Basin Dakota

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 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. The Pre-Disturbance Site Visit was held on 4/13/2016 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

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

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

APR 25 2016

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

Dollie L. Busse

Title Regulatory Technician

Signature

Date

4/19/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PE

Date 4/21/16

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

ConocoPhillips
MCCLANAHAN 20
Expense - P&A

Lat 36° 39' 25.632" N

Long 107° 50' 57.732" W

PROCEDURE

This project requires the use of a 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. **Before RU, run WL 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 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger
5. TOOH with tubing (per pertinent data sheet).
Tubing size: 2-3/8" 4.7# J-55 EUE **Set Depth:** 6321' **KB:** 12'
6. PU 3-3/4" bit and watermelon mill and round trip as deep as possible above top perforation at 6230'.
7. PU 4-1/2" CR on tubing, and set a 6180'. Pressure test tubing to 1,000 psi. Sting out of CR. Load hole as full as possible. POOH w/ tubing.
8. RU Wireline and run CBL from CR to as high as possible to identify cement coverage. *Adjust plugs as necessary for new TOC. Email log copy to 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 ppq, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B mixed at 15.6 ppq with a 1.18 cf/sk yield.

9. Plug 1 - Dakota Perforations and Formation Top, 6080' - 6180', 12 Sacks Class B Cement

TIH. Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations and formation top. POOH.

10. Plug 2 - Gallup Formation Top, 5305' - 5405', 12 Sacks Class B Cement

TIH. Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. POOH.

11. Plug 3 - Mancos Formation Top, 4457' - 4557', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 4557'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 4507'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mancos formation top. POOH.

12. Plug 4 - Mesaverde Formation Top, 3373' - 3473', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 3473'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 3423'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mesaverde formation top. POOH.

13. PU 4-1/2" CR on tubing, and set a 2392'. Sting out of CR. Load hole, and pressure test casing to 560 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
14. Run CBL from CR to surface to identify cement coverage. Adjust plugs as necessary for new TOC. Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.

15. Plug 5 - Chacra and Pictured Cliffs Formation Tops, 1816' - 2392', 48 Sacks Class B Cement

TIH with tubing. Mix 48 sx Class B cement and spot a balanced plug inside the casing to cover the Chacra and Pictured Cliffs formation tops and perforations. POOH.

Continued on next page

16. Plug 6 - Fruitland Formation Top, 1332' - 1432', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 1432'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 1382'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Fruitland formation top. POOH.

17. Plug 7 - Kirtland and Ojo Alamo Formation Tops, 752' - 946', 94 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 946'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 896'. Mix 94 sx Class B cement. Squeeze 75 sx outside the casing, leaving 19 sx inside the casing to cover the Kirtland and Ojo Alamo formation tops. POOH.

18. Plug 8 - Surface Plug, 0' - 381', 33 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 33 sx Class B cement and spot balanced plug inside casing from 381' to surface, circulating good cement out casing valve. TOO 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.

19. 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.

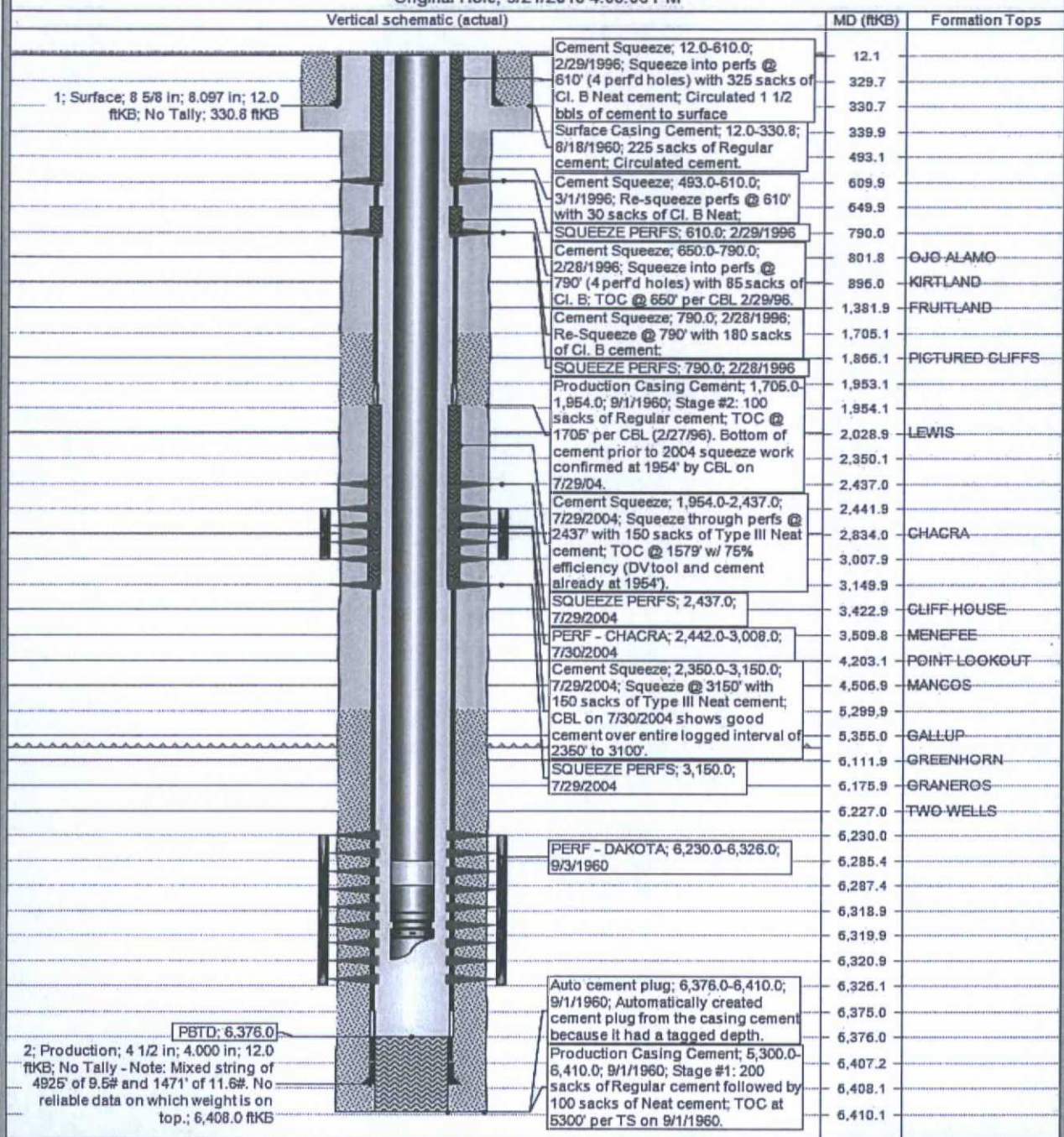


Well Name: MCCLANAHAN #20

Current Schematic

| | | | | | |
|-----------------------|-------------------------------|-------------------------|-------------|--------------------------------|--------------------------------|
| API / UVI | Surface Log Location | Field Name | License No. | State/Province | Well Configuration Type |
| 3004507418 | 013-026N-010W-N | SSN DK (PRO GAS) | #0068 | NEW MEXICO | |
| Ground Elevation (ft) | Original KS/RT Elevation (ft) | KS-Ground Distance (ft) | 12.00 | KS-Casing Flange Distance (ft) | KS-Tubing Hanger Distance (ft) |
| 5,710.00 | 5,722.00 | | | 5,722.00 | 5,722.00 |

Original Hole, 3/21/2016 4:08:06 PM



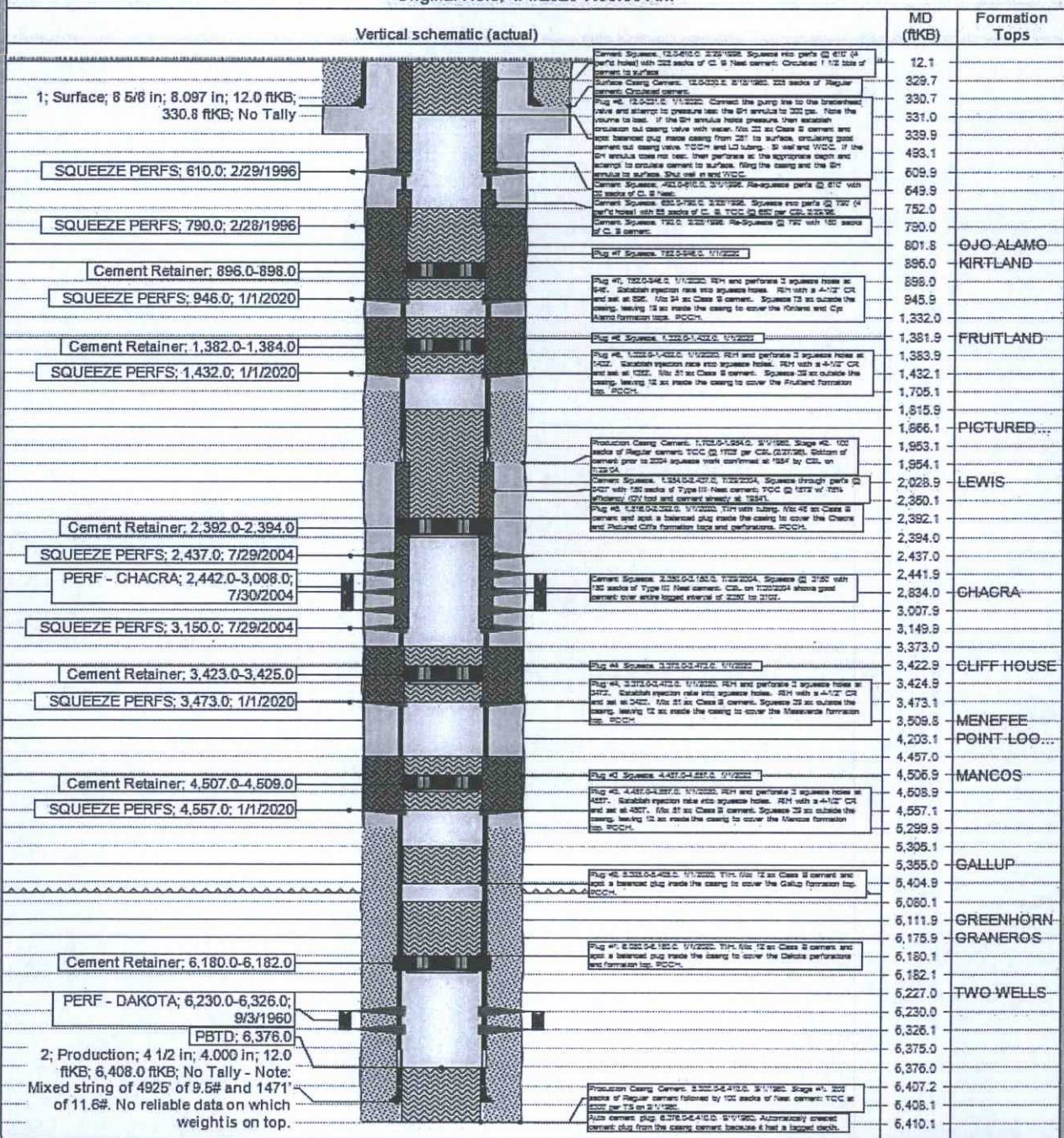


Well Name: MCCLANAHAN #20

Proposed Schematic

| API/UWI | Surface Legal Location | Field Name | License No. | State/Province | Well Configuration Type |
|-----------------------|------------------------------|-------------------------|--------------------------------|--------------------------------|-------------------------|
| 3004607418 | 013-028N-010W-N | BSN DK/PRO GAS | #0065 | NEW MEXICO | |
| Ground Elevation (ft) | Original KBRT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) | |
| 5,710.00 | 5,722.00 | 12.00 | 5,722.00 | 5,722.00 | |

Original Hole, 1/1/2020 7:00:00 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: McClanahan 20

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 #3 (4753-4653) ft. inside/outside to cover the Mancos top. BLM picks top of Mancos at 4703 ft.
 - b) Set plug #6 (1614-1514) ft. inside/outside to cover the Fruitland top. BLM picks top of Fruitland at 1564 ft.
 - c) Bring the top of plug #7 to 709 ft. inside/outside to cover the Ojo Alamo top. BLM picks top of Ojo Alamo at 759 ft. Adjust cement volume accordingly.

Operator will run a CBL to verify cement top. 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.