

RECEIVED

DEC 16 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Farmington Field Office
Bureau of Land Management

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

ConocoPhillips Company

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 A (NENE), Sec. 8, T31N, R12W, 790' FNL & 990' FEL

5. Lease Serial No.

SF-078146

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Newberry A 1

9. API Well No.

30-045-12177

10. Field and Pool or Exploratory Area

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

☐ Subsequent Report

☐ Final Abandonment Notice

☐ 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 Fee Surface

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.)

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. This well has Fee surface so a Pre-Disturbance Site Visit was not scheduled. A Closed Loop system will be used.

OIL CONS. DIV DIST. 3

DEC 22 2015

**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**



H₂S POTENTIAL EXIST

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

12/15/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Jack Savage

Title

PE

Date

12/16/15

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

K5

ConocoPhillips
NEWBERRY A 1
Expense - P&A

Lat 36° 55' 8.393" N

Long 108° 6' 46.764" 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: 2-3/8" 4.7# J-55 EUE

Set Depth: 6941'

KB: 11'

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 6892'.

7. PU 4-1/2" CR on tubing, and set at 6842'. 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.

8. RU wireline and run CBL with 500 psi on casing from CCR at 6842' 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 - Dakota Formation Top and Perforations, 6742' - 6842', 12 Sacks Class B Cement

Trip in hole with tubing, mix cement as described above, and spot a balanced plug to isolate the Dakota Formation top and perforations. Pull out of hole.

10. Plug 2 - Gallup Formation Top, 6015' - 6115', 51 Sacks Class B Cement

Rig up wireline. Perforate 3 squeeze holes at 6115'. Pull out of hole with wireline. Attempt to establish injection into the squeeze holes with water. If injection rate cannot be established, contact the Wells Engineer. Pick up 4-1/2" cement retainer and set on tubing at 6065'. Mix cement as described above and squeeze 43 sacks under the retainer. Sting out and balance 8 sacks on top of the retainer. Pull up hole.

11. Plug 3 - Mancos Formation Top, 5060' - 5160', 12 Sacks Class B Cement

Mix cement as described above and spot a balanced plug to isolate the Mancos Formation top. Pull up hole.

12. Plug 4 - Mesa Verde Formation Top, 2980' - 3080', 12 Sacks Class B Cement

Mix cement as described above and spot a balanced plug to isolate the Mesa Verde Formation top. Pull up hole.

13. Plug 5 - Pictured Cliffs and Fruitland Formation Tops, 1900' - 2428', 249 Sacks Class B Cement

Rig up wireline. Perforate 3 squeeze holes at 2428". Pull out of hole with wireline. Attempt to establish injection into the squeeze holes with water. If injection rate cannot be established, contact the Wells Engineer. Pick up 4-1/2" cement retainer and set on tubing at 2378'. Mix cement as described above and squeeze 208 sacks under the retainer. Sting out and balance 41 sacks on top of the retainer. Pull up hole.

14. Plug 6 - Surface Plug, 0' - 295', 121 Sacks Class B Cement

RU WL and perforate 4 big hole charge (if available) squeeze holes at 295'. 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 4-1/2" CR and set at 245'. Mix cement and squeeze 98 sacks under the retainer 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 to 245'. Mix 23 sacks Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

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

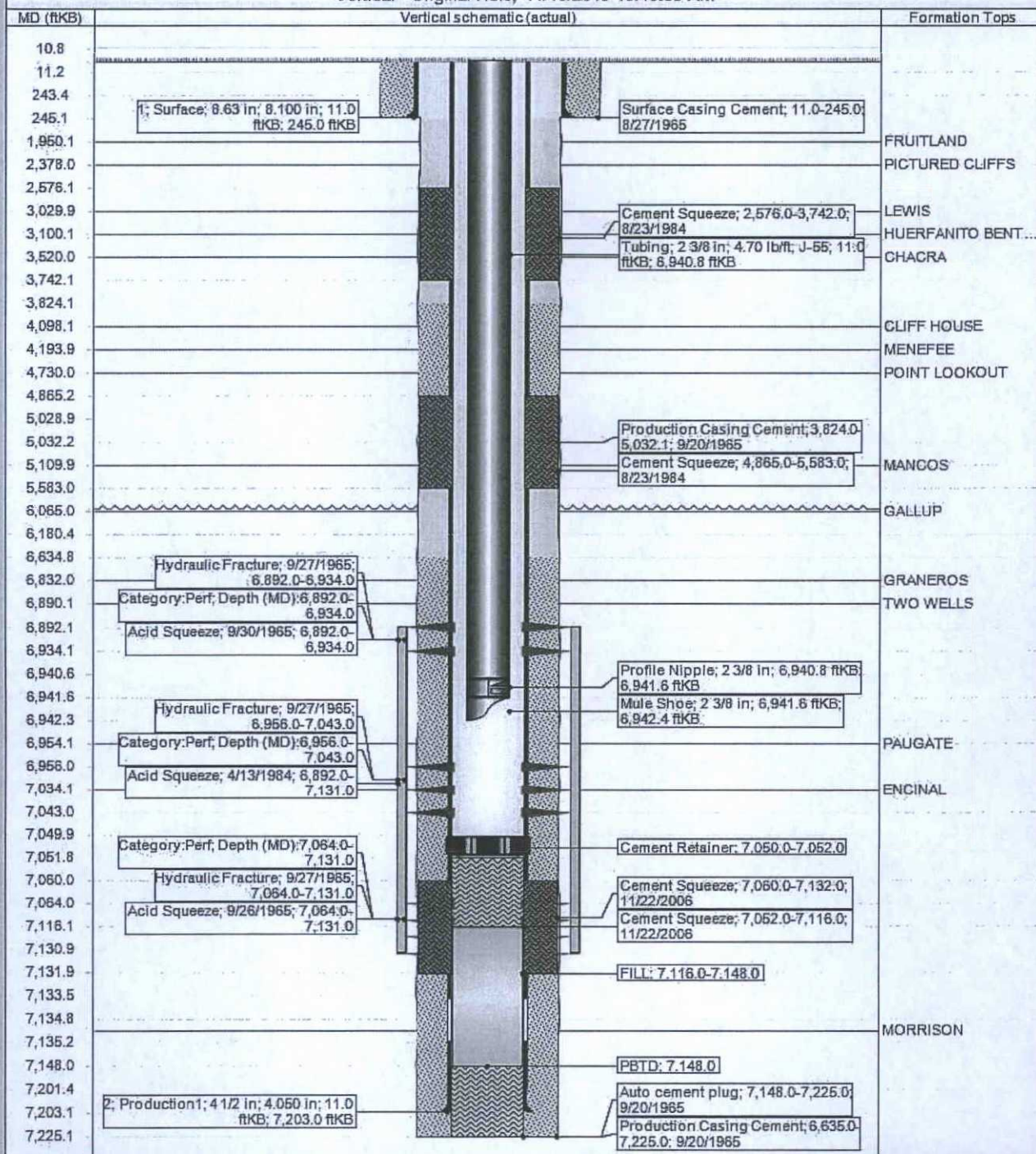


CURRENT SCHEMATIC

NEWBERRY A #1

District NORTH	Field Name DK	API / UWI 3004512177	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 8/25/1965	Surface Legal Location 008-031N-012W-A		E/W Dist (ft) 990.00 E/W Ref FEL	N/S Dist (ft) 790.00 N/S Ref FNL

Vertical - Original Hole, 11/10/2015 10:10:53 AM





Schematic - Proposed NEWBERRY A #1

District NORTH	Field Name DK	API / UWI 3004512177	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 8/25/1965	Surf Loc 008-031N-012W-A	East/West Distance (ft) 990.00	East/West Reference FEL	N/S Dist (ft) 790.00
				North/South Reference FNL

Vertical - Original Hole, 1/1/2020 5:30:00 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
1; Surface; 8.63 in; 8.100 in; 11.0 ftKB; 245.0 ftKB	Plug #6; 11.0-295.0; 1/1/2020	245.1	
Cement Retainer; 245.0-248.0	Surface Casing Cement; 11.0-245.0; 8/27/1965; Cemented w/ 125 sxs Class C. Cement Cirt to surface.	294.9	
SQUEEZE PERFS; 295.0; 1/1/2020	Plug #6; 11.0-295.0; 1/1/2020; Mx 121 sxs Class B cmt and sqz 98 sxs under the retainer until good cmt returns to surface out BH valve. Mx 23 sxs Class B cmt and pump inside plug	1,950.1	FRUITLAND PICTURED C...
Cement Retainer; 2,378.0-2,381.0	Plug #5; 1,900.0-2,428.0; 1/1/2020	2,380.9	
SQUEEZE PERFS; 2,428.0; 1/1/2020	Plug #5; 1,900.0-2,428.0; 1/1/2020; Mx 249 sxs Class B cmt and sqz 208 sxs under the retainer. Sting out and balance 41 sxs on top of the retainer	2,576.1	
	Plug #4; 2,980.0-3,080.0; 1/1/2020; Mx 12 sxs Class B cmt and spot a balanced plug to isolate the MV formation top	3,029.9	LEWIS
	Cement Squeeze; 2,576.0-3,742.0; 8/23/1984; Found csg leak @ 3742'. Sqz leak w/ 200 sxs light & 100 sxs Class "B" nest. TOC @ 2576 by 75% calc eff.	3,100.1	HUERFANT... CHACRA
		3,742.1	
		4,098.1	CLIFF HOUSE MENEFFEE POINT LOOK...
	Production Casing Cement; 3,824.0-5,032.1; 9/20/1965; 2nd Stage: Cemented w/ 200 sxs tailed w/ 100 sxs 50/50 poz Class C. TOC @ 3824' by 75% calc eff.	4,730.0	
	Plug #3; 5,060.0-5,160.0; 1/1/2020; Mx 12 sxs Class B cmt and spot a balanced plug to isolate the Mancos formation top	5,032.2	
	Cement Squeeze; 4,865.0-5,583.0; 8/23/1984; Found csg leaks 4865-5583. Sqz btm leaks w/ 250 sxs Class B.	5,109.9	MANCOS
		5,583.0	
Cement Retainer; 6,065.0-6,068.0	Plug #2; 6,015.0-6,115.0; 1/1/2020	6,065.0	GALLUP
SQUEEZE PERFS; 6,115.0; 1/1/2020	Plug #2; 6,015.0-6,115.0; 1/1/2020; Mx 81 sxs Class B cmt and sqz 43 sxs under the retainer. Sting out and balance 8 sxs on top of the retainer	6,115.2	
		6,742.1	
Cement Retainer; 6,842.0-6,845.0	Plug #1; 6,742.0-6,842.0; 1/1/2020; Mx 12 sxs Class B cmt and spot a balanced plug to isolate the DK formation top and perfs	6,841.9	GRANEROS
		6,850.1	TWO WELLS
PERF - DAKOTA; 6,892.0-6,934.0; 9/27/1965		6,934.1	PAUGATE
PERF - DAKOTA; 6,956.0-7,043.0; 9/27/1965		6,956.0	ENCINAL
Cement Retainer; 7,050.0-7,052.0		7,043.0	
PERF - DAKOTA; 7,064.0-7,131.0; 9/26/1965	Cement Squeeze; 7,060.0-7,132.0; 11/22/2006; Pumped 15 sxs cement betw CR.	7,051.8	
FILL; 7,116.0-7,148.0	Cement Squeeze; 7,052.0-7,116.0; 11/22/2006; Pumped 15 sxs cement betw CR.	7,064.0	
PBTD; 7,148.0	Auto cement plug; 7,148.0-7,225.0; 9/20/1965; Automatically created cement plug from the casing cement because it had a lagged depth.	7,130.9	
2; Production 1; 4 1/2 in; 4.050 in; 11.0 ftKB; 7,203.0 ftKB	Production Casing Cement; 6,535.0-7,225.0; 9/20/1965; 1st Stage: Cemented w/ 160 sxs Class C. TOC @ 6535' by CBL 9/24/65.	7,134.8	MORRISON
		7,225.1	

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: Newberry A #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.
3. The following modifications to your plugging program are to be made:
 - a) Set plug #3 (5281-5181) ft. to cover the Mancos top. BLM picks top of Mancos at 5231 ft.
 - b) Set plug #4 (3153-3053) ft. to cover the Chacra top. BLM picks top of Chacra at 3103 ft.
 - c) Set a cement plug (682-582) ft. to cover the Kirtland top. BLM picks top of Kirtland at 632 ft.

H₂S has not been reported at this location, however, low to **very high** concentrations of H₂S (9 ppm – **1150 ppm** GSV) have been reported in wells within a 1 mile radius of this location.

Operator will run CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov tsalyers@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.