

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date: February 20th, 2014

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☐ Other:

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-11555-00-00	NAVAJO ALLOTTED COM	001	CONOCOPHILLIPS COMPANY	G	A	San Juan	N	A	24	25	N	10	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Add Chacra plug from 2365 – 2265


NMOCD Approved by Signature

3-18-14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 21 2014

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.

Farmington Field Office

14-20-603-1376

5. Lease Serial No.

6. Indian, Allottee or Tribe Name

NAVAJO ALLOTTED

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

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

8. Well Name and No.

Navajo Allotted Com 1

2. Name of Operator

ConocoPhillips Company

9. API Well No.

30-045-11555

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 DAKOTA

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

Surface UNIT A (NENE), 1100' FNL & 1150' FEL, Sec. 24, T25N, R10W

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

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 Company requests permission to P&A the subject well per the attached procedure, current & proposed wellbore schematics. A closed loop system will be utilized for this P&A.

RCVD FEB 26 '14

OIL CONS. DIV.

DIST. 3

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

DENISE JOURNEY

Title REGULATORY TECHNICIAN

Signature

Denise Journey

Date

2/20/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

FEB 24 2014
Date

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

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)

NMOCDA

ConocoPhillips
NAVAJO ALLOTTED COM 1
Expense - P&A

Lat 36° 23' 26.7" N

Long 107° 50' 32.712" W

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for 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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and pump at least tubing capacity of water down tubing.
5. Ensure well is dead. 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. Record pressure test in Wellview.
6. TOOH with 2-3/8" tubing (per pertinent data sheet).

Tubing:	Yes	Size:	2-3/8"	Set Depth:	6,391'
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7. Make cleanout run with 3-7/8" watermelon mill to CIBP @ 6425' or as deep as possible. Load hole with water and circulate clean. Well failed MIT on 1/24/2014, spot or tag subsequent plugs as appropriate. TOOH with tubing and LD watermelon mill.

8. RU wireline and run CBL from 6425' to surface and contact Superintendent and Wells Engineer with results.

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 Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 (Dakota Perfs, Dakota and Graneros Formation Tops, 6325-6425', 12 Sacks Class B Cement)

TIH with tubing. Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Dakota perforations and the Dakota and Graneros formation tops. POOH.

547 5371

10. Plug 2 (Gallup Formation Top, 5228-5328', 51 Sacks Class B Cement)

Perforate 3 squeeze holes @ 5328'. Establish injection rate into squeeze holes. PU cement retainer for 4-1/2" OD, 4.052" ID casing and set at 5278' with tubing. Pressure test tubing to 1000 psi. Mix 51 sxs Class B cement. Squeeze 39 sxs into the squeeze holes and leave 12 sxs inside the casing to isolate the Gallup formation top. PUH.

11. Plug 3 (Mancos Formation Top, 4543-4643', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to isolate the Mancos formation top. PUH.

2782 2642

12. Plug 4 (Mesa Verde Formation Top, 3399-3499', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde formation top. PUH.

13. Plug 5 (Pictured Cliffs Formation Top, 1862-1962', 51 Sacks Class B Cement)

Perforate 3 squeeze holes @ 1962'. Establish injection rate into squeeze holes. PU cement retainer for 4-1/2" OD, 4.052" ID casing and set at 1912' with tubing. Mix 51 sxs Class B cement. Squeeze 39 sxs into the squeeze holes and leave 12 sxs inside the casing to isolate the Pictured Cliffs formation top. POOH.

14. Plug 6 (Fruitland Coal Formation Top, 1435-1535', 51 Sacks Class B Cement)

Perforate 3 squeeze holes @ 1535'. Establish injection rate into squeeze holes. PU cement retainer for 4-1/2" OD, 4.052" ID casing and set at 1485' with tubing. Mix 51 sxs Class B cement. Squeeze 39 sxs into the squeeze holes and leave 12 sxs inside the casing to isolate the Fruitland Coal formation top. POOH.

15. Plug 7 (Kirtland and Ojo Alamo Formation Tops, 979-1252', 131 Sacks Class B Cement)

Perforate 3 squeeze holes @ 1252'. Establish injection rate into squeeze holes. PU cement retainer for 4-1/2" OD, 4.052" ID casing and set at 1202'. Mix 131 sxs Class B cement. Squeeze 106 sxs into the squeeze holes and leave 25 sxs inside the casing to isolate the Kirtland and Ojo Alamo formation tops. POOH.

16. Plug 8 (Surface Shoe, 0-426', 146 Sacks Class B Cement)

RU wireline and TIH with a 4 shots per foot, 90 degree phased perforating gun w/ big hole charges (if available) to 426' and perforate squeeze holes. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation down casing and out Braden head with water. Circulate until returns are clean. TIH with 4-1/2" cement retainer and set retainer at 376'. Cement inside / outside surface plug with 113 sx cement until good cement returns to surface out braden head valve, shut braden head valve and squeeze to max 200 psi. Sting out of retainer and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 376'. Pump inside plug with 33 sx cement. LD tbg. WOC. Cut off wellhead and install P&A marker.

17. Rig down, move off location, cut off anchors, and restore location.

Current Schematic

ConocoPhillips

Well Name: NAVAJO ALLOTTED COM 1

API UN#	Surface Legal Location	Field Name	License No.	State Produced	Well Configuration Type
3004511555	024-025N-010W-A	DK		NEW MEXICO	
Ground Elevation (ft)	Original KB RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	
8,748.00	8,764.00	16.00	16.00	16.00	16.00

Original Hole, 1/24/2014 10:22:42 AM

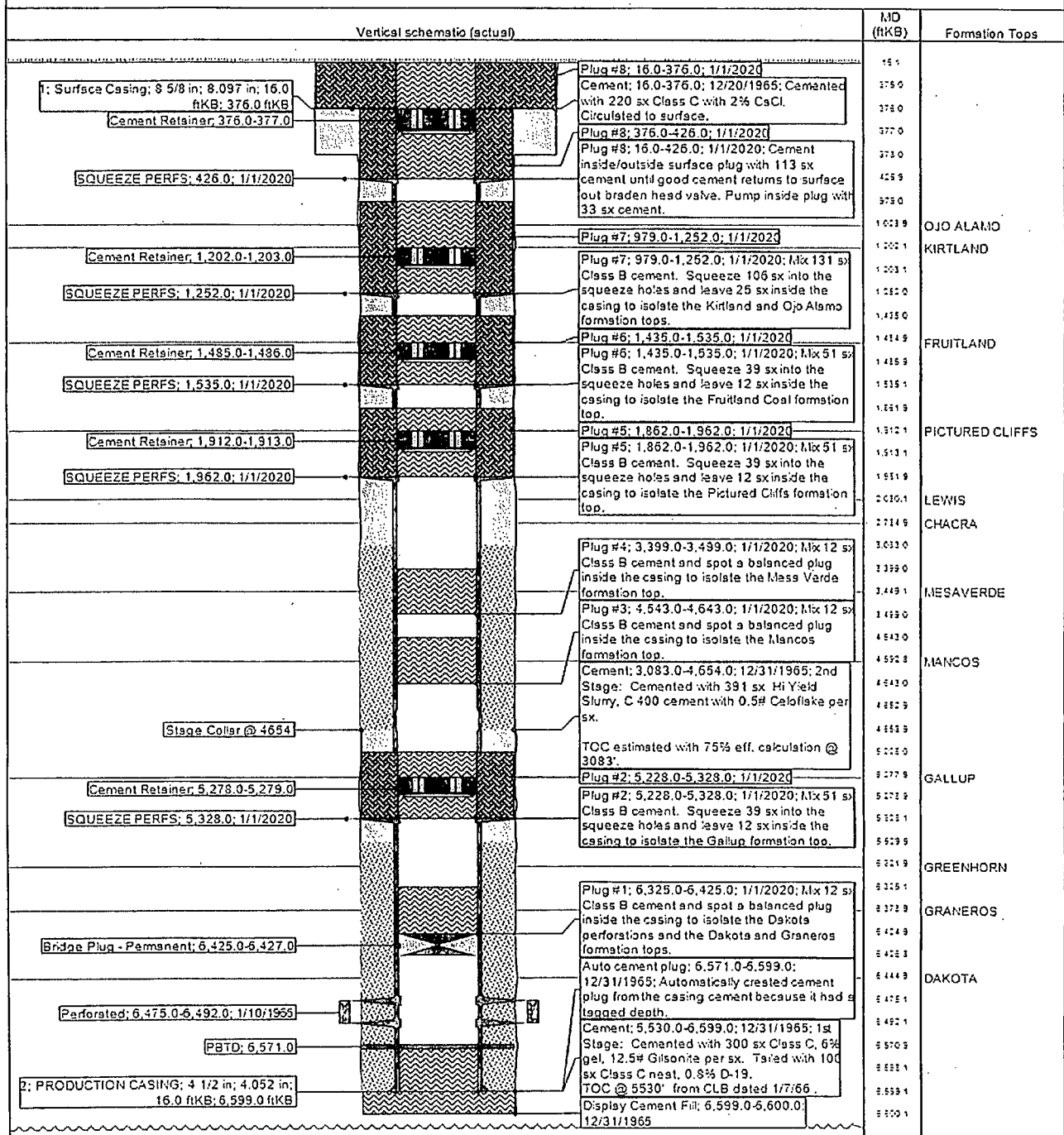
Vertical schematic (actual)	MD (ftKB)	Formation Tops
Tubing Hanger; 7 1/16 in; 18.0 ftKB; 15.7 ftKB	18.1	
	18.7	
Cement; 18.0-378.0; 12/20/1985; Cemented with 220 sx Class C with 2% CaCl. Circulated to surface.	375.0	
1; Surface Casing; 8 5/8 in; 8.097 in; 18.0 ftKB; 378.0 ftKB	378.0	
	378.0	
	1,028.9	OJO-ALAMO
	1,202.1	KIRTLAND
	1,484.9	FRUITLAND
	1,912.1	PICTURED-CLIFFS
	2,080.1	LEWIS
	2,734.9	CHAGRA
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 18.7 ftKB; 6,358.0 ftKB	3,083.0	
	3,449.1	MESAVERDE
	4,592.8	MANGOS
Cement; 3,083.0-4,654.0; 12/31/1985; 2nd Stage: Cemented with 391 sx Hi Yield Slurry, C 400 cement with 0.5# Celoflake per sx.	4,652.9	
Stage Collar @ 4654'	4,853.9	
	5,277.9	GALLUP
	5,529.9	
	6,321.9	GREENHORN
Seal Nipple; 2 3/8 in; 6,358.0 ftKB; 6,359.1 ftKB	6,357.9	
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 6,359.1 ftKB; 6,390.7 ftKB	6,359.3	
	6,378.9	GRANEROS
Notched collar; 2 3/8 in; 6,390.7 ftKB; 6,391.1 ftKB	6,390.7	
	6,391.1	
	6,424.9	
Bridge Plug - Permanent; 6,425.0-6,427.0	6,426.8	
	6,444.9	DAKOTA
	6,475.1	
	6,492.1	
Perforated; 6,475.0-6,492.0; 1/10/1986	6,492.1	
Cement; 6,530.0-6,599.0; 12/31/1985; 1st Stage: Cemented with 300 sx Class C, 6% gel, 12.5# Gilsontite per sx. Tailed with 100 sx Class C neat, 0.8% D-19.	6,570.9	
Auto cement plug; 6,571.0-6,599.0; 12/31/1985; Automatically created cement plug from the casing cement because it had a tagged depth.	6,598.1	
2; PRODUCTION CASING; 4 1/2 in; 4.052 in; 18.0 ftKB; 6,599.0 ftKB	6,599.1	
Display Cement Fill; 6,599.0-6,600.0 12/31/1985	6,600.1	
PRTD: 6,571.0		



Schematic - Proposed NAVAJO ALLOTTED COM #1

District SOUTH	Field Name DK	API/UWI 3004511555	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 12/19/1965	Surf Loc 024-025N-010W-A	East/West Distance (ft) 1,150.00	East/West Reference E	N/S Dist (ft) 1,100.00
				North/South Reference N

Original Hole, 1/1/2020 7:45:00 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: 1 Navajo Allotted Com

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) Place the Gallup plug from 5471' – 5371' inside and outside the 4 ½" casing.
 - b) Place the Mesavered plug from 2782'- 2682' inside and outside the 4 ½" casing.
 - c) Place the Fruitland plug from 1665'- 1565' inside and outside the 4 ½" casing.
 - d) Place the Kirtland/Ojo Alamo plug from 1305'- 978' inside and outside the 4 ½" casing.

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.