Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB 02 2015
Farmington Field Office
Bureau of Land Management

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

5. Lease Serial No. **SF-078999**

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. **San Juan 31-6 Unit**

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

8. Well Name and No. **San Juan 31-6 Unit 24E**

2. Name of Operator **ConocoPhillips Company**

9. API Well No. **30039-25279**

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 DK / Blanco MV**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface UL F (SENW), 1812' FNL & 1512' FWL, Sec. 27, T31N, R6W

11. Country or Parish, State **Rio Arriba , 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
BP	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
☐ Final Abandonment Notice	☐ 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.)

ConocoPhillips Company requests permission to P&A the subject well bore per the attached procedure, current & proposed well bore schematics. The Pre P&A onsite was held on 1/30/15 w/ Bob Switzer. The revegetation plan is attached. A closed loop system will be utilized for this P&A.

RECEIVED
FEB 09 2015
NMOCD
DISTRICT III

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

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Kenny Davis Title **Staff Regulatory Technician**

Signature Date **1/30/2015**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Troy Salyers** Title **PE** Date **2/5/2015**

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

KC
AW

ConocoPhillips
SAN JUAN 31-6 UNIT 24E
Expense - P&A

Lat 36° 52' 21.608" N **Long 107° 27' 12.953" 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 attempt remove any downhole equipment. If an obstruction if found and cannot be retrieved, set a locking-3-slip-stop in the tubing. **Notify NMOCD and BLM 24 hours prior to beginning operations.**

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:** 7903 ftKB **KB:** 15 ft

6. PU 3-3/4" bit and watermelon mill and round trip as deep as possible above top Dakota perforation @ 7903'.

7. PU 4-1/2" CR on tubing, and set @ 7853'. Pressure test tubing to 1000 psi. Sting out of CR. POOH w/ tubing.

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.

See COA

8. Plug 1 (Dakota Perforations and Graneros Formation Top, 7753-7853', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations and Graneros top. PUH.

See COA

9. Plug 2 (Gallup Formation Top, 6916-7016', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup top. PUH.

See COA

10. Plug 3 (Mancos Formation Top, 5971-6071', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mancos top. POOH.

11. RU wireline and set CIBP at 5374'. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Run CBL with 500 psi on casing from CIBP to surface to identify TOC. Adjust plugs as necessary for new TOC.

12. Plug 4 (Mesaverde Perforations, 5274-5374', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde perforations. PUH.

See COA

13. Plug 5 (Pictured Cliffs and Fruitland Coal Formation Tops, 3027-3351', 28 Sacks Class B Cement)
Mix 28 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs and Fruitland Coal tops. POOH.

14. Plug 6 (Kirtland and Ojo Alamo Formation Top, 2400-2606', 35 Sacks Class B Cement)
Two part plug (TOC is at 2500')
Part 1: Mix 8 sx Class B cement and set a balanced plug at 2606' inside the casing. PUH to TOC at 2500'. Reverse circulate hole clean. POOH.
Part 2: RIH and perforate 3 squeeze holes at 2495'. Establish circulation through squeeze holes into the production/intermediate annulus. **If unable to establish circulation to surface, contact Wells Engineer.** RIH with 4-1/2" CR and set at 2450'. Mix 27 sacks Class B cement. Squeeze 15 sacks into production/intermediate annulus, leaving 12 sacks inside the production casing to cover Kirtland and Ojo Alamo tops.

15. Connect pump to BH and attempt to pressure test BH to 300 psi. Note volume to load. **If BH does not test, contact Wells Engineer.**

ConocoPhillips
SAN JUAN 31-6 UNIT 24E
Expense - P&A

Lat 36° 52' 21.608" N **Long 107° 27' 12.953" W**

PROCEDURE (cont.)

See COA

16. Plug 7 (Nacimiento Formation Top, (932-1032' inside 4-1/2" production casing, 0-1032' in 7"x4-1/2" production/intermediate casing annulus), 114 Sacks Class B Cement)
RIH and perforate 3 squeeze holes at 1032'. Establish circulation through squeeze holes into production/intermediate annulus. **If unable to establish circulation to surface, contact Wells Engineer.** RIH with 4-1/2" CR and set at 982'. Mix 114 sx Class B cement. Circulate 102 sx into production/intermediate annulus to surface, leaving 12 sx inside production casing to cover Nacimiento top. POOH.

17. Plug 8 (Surface Plug, 0-414', 35 Sacks Class B Cement)
Mix 35 sx Class B cement and spot a balanced plug inside casing from 414' to surface, circulating good cement out casing valve. TOH and LD tubing. Shut-in well and WOC.

18. 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.

ConocoPhillips

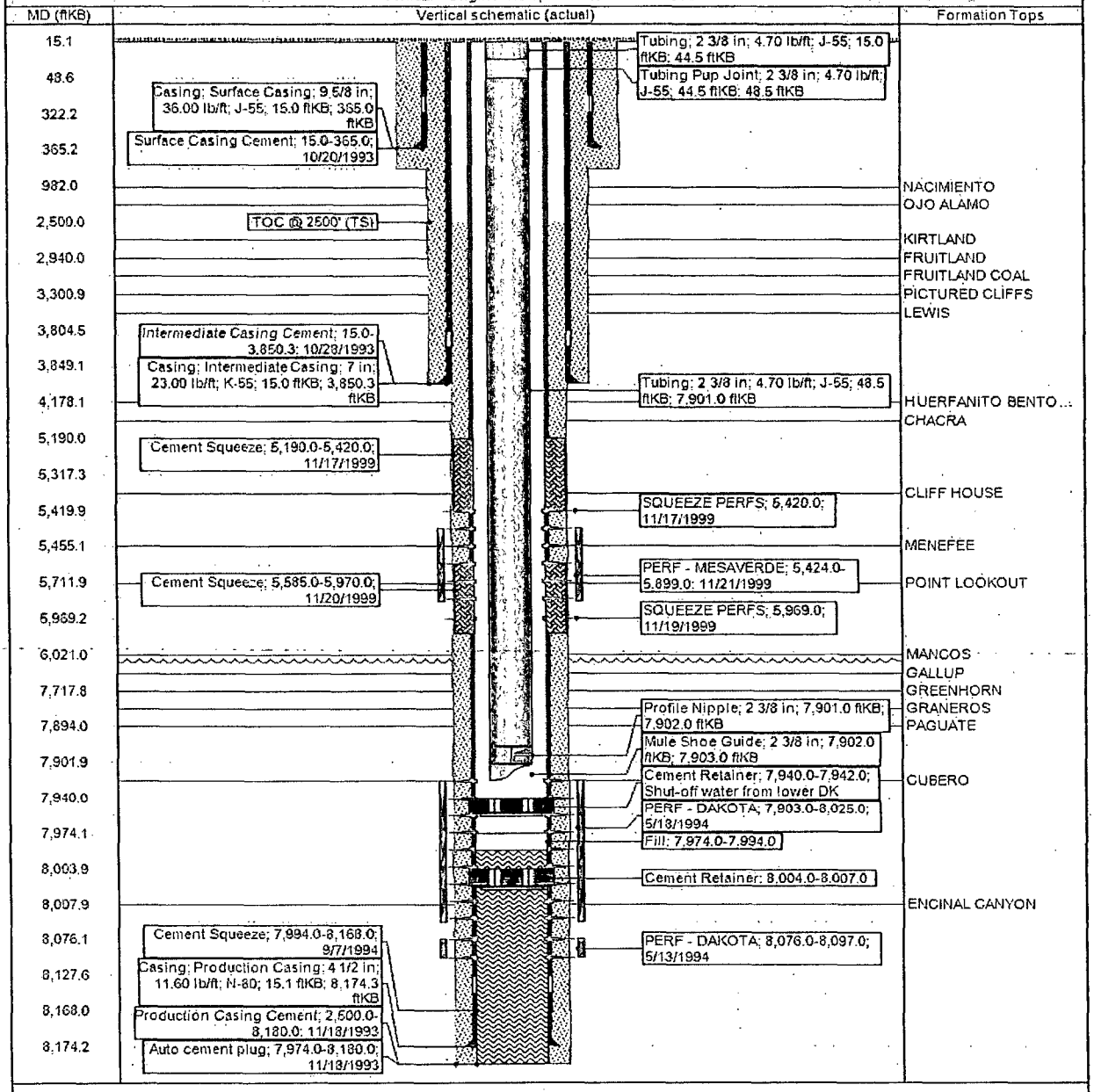
Basic - Schematic - Current

SAN JUAN 31-6 UNIT #24E

District	Field Name	API / UWI	County	State/Province
CENTRAL	MV	3003925279	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
10/19/1993	027-031N-006W-F	1,512.14	FWL	1,812.01	FNL

Vertical - Original Hole, 11/20/2014 11:29:05 AM



Report Printed: 11/20/2014

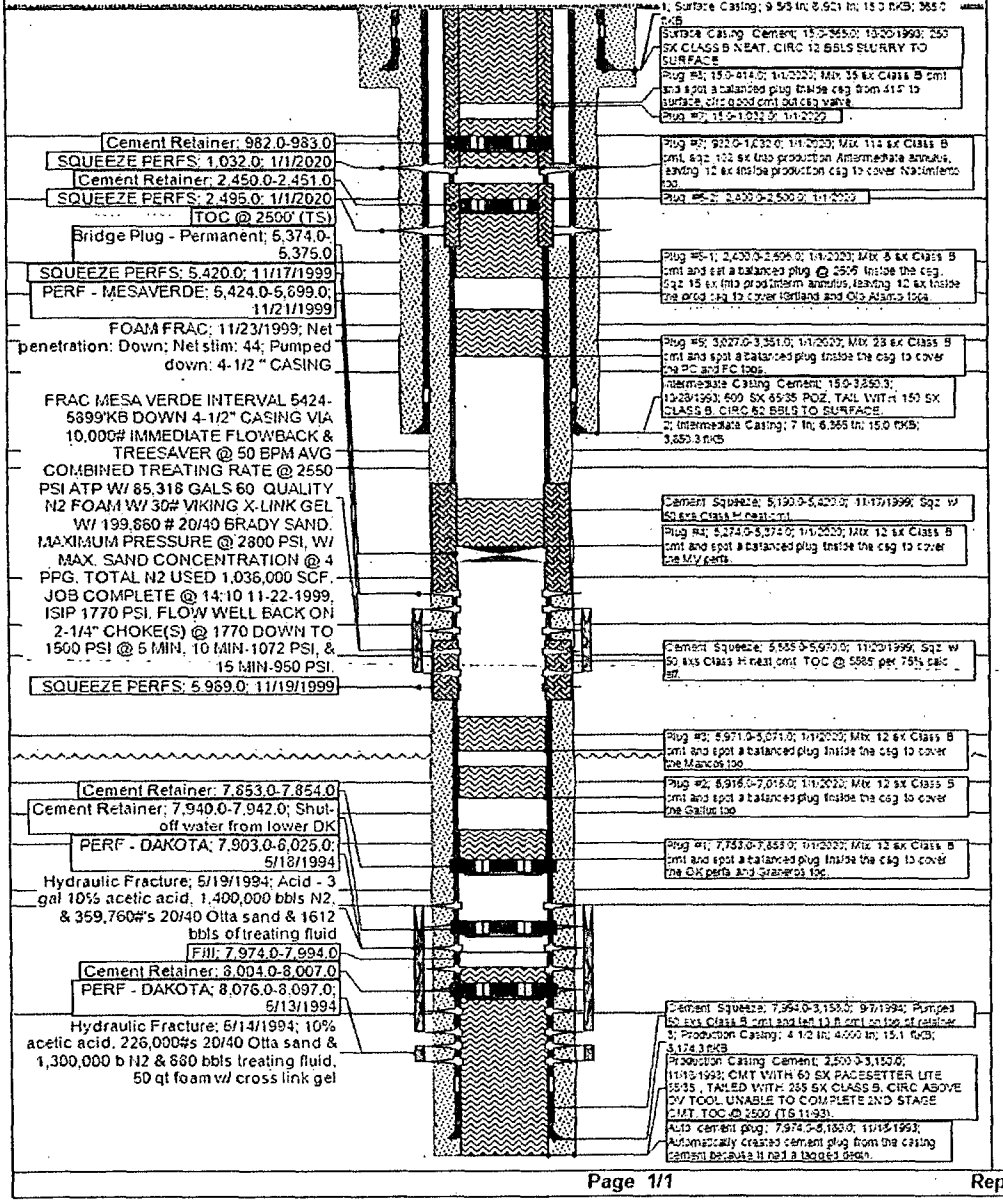
ConocoPhillips

Schematic - Proposed
SAN JUAN 31-6 UNIT #24E

District	Field Name	API / UWI	County	State/Province
CENTRAL	MV	3003925279	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surf Loc	East/West Distance (ft)	East/West Reference	N/S Dist (ft)	North/South Reference
10/19/1993	027-031N-006W-F	1,512.14	FWL	1,812.01	FNL

Vertical - Original Hole, 11/1/2020 3:00:00 AM



MD (ftKB)	Formation Tops
321.2	
363.6	
368.1	
932.1	
982.9	NACIMIENTO
2,399.9	
2,451.1	OJO ALAMO
2,500.0	
2,606.0	KIRTLAND
3,026.9	FRUITLAND
3,300.9	FRUITLAN... PICTURED...
3,524.9	LEWIS
3,605.6	
3,650.4	
4,587.9	HUERFANI... CHACRA
5,274.0	
5,317.3	
5,375.0	CLIFF HOU...
5,419.9	
5,455.1	MENEFEE
5,711.9	POINT LOO...
5,969.2	
5,971.1	
6,070.9	MANCOS
6,965.9	GALLUP
7,717.8	GREENHO...
7,804.1	GRANEROS
7,854.0	
7,902.9	PAGUATE CUBERO
7,941.9	
7,994.1	
8,006.9	
8,024.9	ENCINAL C...
8,097.1	
8,129.9	
8,173.2	
8,180.1	

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: San Juan 31-6 Unit #24E

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) Bring the top of plug #1 to 7728 ft. to cover the Graneros top. Adjust cement volume accordingly

b) Set plug #2 (6852-6752) ft. to cover the Gallup top. BLM picks top of Gallup at 6802 ft.

c) Set plug #3 (6265-6165) ft. to cover the Mancos top. BLM picks top of Mancos at 6215 ft.

d) Set a plug from (4242-4142) ft. to cover the Chacra Equivalent (HB).

e) Set plug #5 (3483-3032) ft. to cover the Pictured Cliffs and Fruitland tops. Adjust cement volumes accordingly.

f) Set plug #7 inside (1284-1184) ft. to cover the Nacimiento top. Outside plug (1284-0) ft. in 7"x4.5" production/intermediate casing annulus. Adjust cement volume accordingly. BLM picks top of Nacimiento at 1234 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: 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.