

JAN 11 2016

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. San Juan 29-6 Unit
2. Name of Operator ConocoPhillips Company		8. Well Name and No. San Juan 29-6 Unit 13
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	9. API Well No. 30-039-07693
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit L (NWSW), 1650' FSL & 982' FWL, Sec. 6, T29N, R6W		10. Field and Pool or Exploratory Area Blanco Mesaverde
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplate 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 recomplate 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. A pre-disturbance site visit will be conducted at a later date per Mike Flaniken. The subject well has a known casing leak and needs to be P&A'd as soon as possible. A closed loop system will be used.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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



H2S POTENTIAL EXIST

OIL CONS. DIV DIST. 3

JAN 25 2016

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Crystal Walker	Title Regulatory Coordinator
Signature <i>Crystal Walker</i>	Date 1/11/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Jack Savage</i>	Title PE	Date 1/20/16
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.

NMOC!

(Instruction on page 2)

KC  
dlb 5

**ConocoPhillips**  
**SAN JUAN 29-6 UNIT 13**  
**Expense - P&A (PROPOSAL)**

Lat 36° 45' 7.993" N

Long 107° 30' 34.164" W

**PROCEDURE**

**NOTE:** CIBP already set at 4636', the 7" CSG has confirmed holes and will not test below 1099'

**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. PU the TBG and tag the existing CIBP in the well, confirm CIBP set at 4,636'
6. Spot and tag subsequent plugs as appropriate. The 7" CSG has confirmed holes at 1099', 2320, and 2922'.

**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.**

**7. Plug 1 - Mesa Verde Perforations , 4536' - 4636', 12 Sacks Class B Cement**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesa Verde Perforations. PUH.

**8. Plug 2 - 4-1/2" Liner Top, Lewis and Pictured Cliffs Formation Top, 3648' - 3890', 117 Sacks Class B Cement**

RIH and perforate 3 squeeze holes at 3,890'. Establish injection rate into squeeze holes. RIH with a 7" CR and set at 3,840'. Mix 117 sx Class B cement. Squeeze 62 sx outside the casing, leaving 55 sx inside the casing to cover the Liner Top, Lewis and Pictured Cliffs Formation tops. POOH.

**9. Plug 3 - Fruitland, Kirtland, Ojo Alamo Formation Tops, 2733' - 3367', 129 Sacks Class B Cement**

Mix 129 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland, Kirtland, Ojo Alamo formation tops. PUH.

**10. Isolate Hole in the 7" CSG , 2150' - 2320', 68 Sacks Class B Cement**

Establish injection rate into the hole in the 7" CSG. RIH with a 7" CR and set at 2250'. Mix 68 sx Class B cement. Squeeze 26 sx outside the casing, leaving 42 sx inside the casing to cover hole in the 7" CSG. POOH.

**11. Plug 4 - Nacimiento Formation Top and hole in 7" CSG , 1000' - 1429', 200 Sacks Class B Cement**

RIH and perforate 3 squeeze holes at 1,429'. Establish injection rate into squeeze holes. RIH with a 7" CR and set at 1,379'. Mix 200 sx Class B cement. Squeeze 110 sx outside the casing, leaving 90 sx inside the casing to cover the Nacimiento Formation top and hole in the 7" CSG. POOH.

**12. Plug 5 - Surface Plug , 0' - 224', 99 Sacks Class B Cement**

RU WL and perforate 4 big hole charge (if available) squeeze holes at 224'. 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 7" CR and set at 174'. Mix 47 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 to 174". Mix 52 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

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

## Schematic - Current SAN JUAN 29-6 UNIT #13

District NORTH	Field Name MV	API / UWI 3003907693	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 11/5/1952	Surface Legal Location 006-029N-006W-L	East/West Distance (ft) 981.96	East/West Reference FWL	North/South Distance (ft) 1,649.93
				North/South Reference FSL

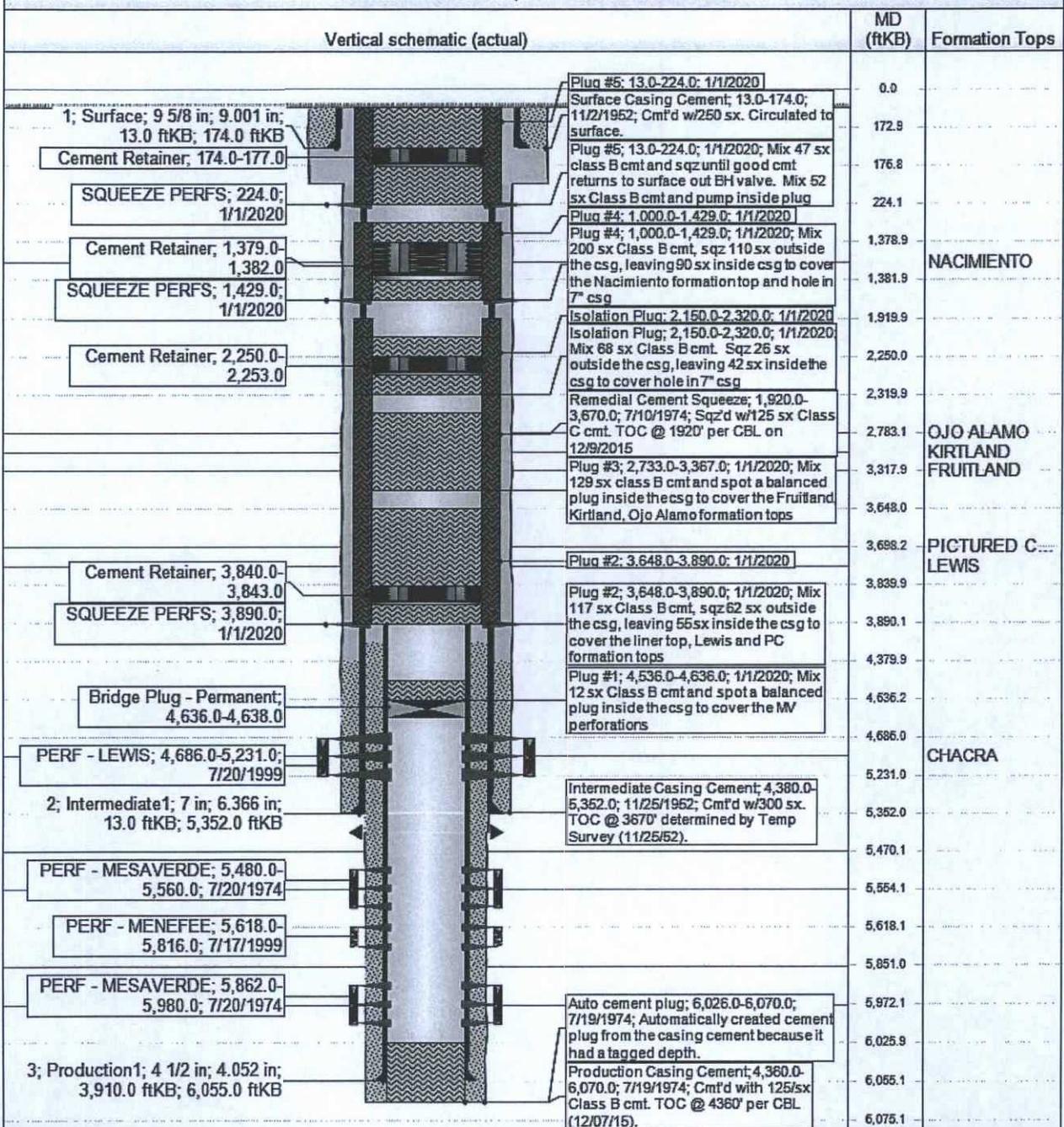
Vertical - OH ST1, 12/21/2015 10:05:48 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
Tubing Hanger; 7 in; 13.0 ftKB; 13.7 ftKB		13.1	
1; Surface; 9 5/8 in; 9.001 in; 13.0 ftKB; 174.0 ftKB	Surface Casing Cement; 13.0-174.0; 11/2/1952; Cm'd w/250 sx. Circulated to surface.	13.8	
		173.9	
		180.1	
		1,379.9	NACIMIENTO
Tubing (YELLOW); 2 3/8 in; 4.70 lb/ft; J-55; 13.7 ftKB; 3,817.9 ftKB	Remedial Cement Squeeze; 1,920.0-3,670.0; 7/10/1974; Sq'd w/125 sx Class C cmt. TOC @ 1920' per CBL on 12/9/2015	1,919.9	
		2,783.1	OJO ALAMO
		2,915.0	KIRTLAND
		3,317.9	FRUITLAND
		3,689.9	
		3,698.2	PICTURED CL...
		3,795.9	LEWIS
		3,817.9	
Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 3,817.9 ftKB; 3,819.9 ftKB		3,819.9	
Tubing (YELLOW); 2 3/8 in; 4.70 lb/ft; J-55; 3,819.9 ftKB; 3,850.2 ftKB		3,850.1	
Expendable Check w/ Mule Shoe; 2 3/8 in; 3,850.2 ftKB; 3,851.1 ftKB		3,851.0	
		4,359.9	
		4,379.9	
Bridge Plug - Permanent; 4,636.0-4,638.0; SET CIBP @4636'. TESTED TO 600 PSI		4,636.2	
		4,638.1	
		4,686.0	
PERF - LEWIS; 4,686.0-5,231.0; 7/20/1999		4,688.0	CHACRA
2; Intermediate1; 7 in; 6.366 in; 13.0 ftKB; 5,352.0 ftKB	Intermediate Casing Cement; 4,360.0-5,352.0; 11/25/1962; Cm'd w/300 sx. TOC @ 3670' determined by Temp Survey (11/25/62).	5,231.0	
		5,352.0	
		5,379.9	
		5,470.1	
PERF - MESAVERDE; 5,480.0-5,560.0; 7/20/1974		5,480.0	
		5,554.1	
		5,560.0	
PERF - MENESEE; 5,618.0-5,816.0; 7/17/1999		5,618.1	
		5,815.9	
		5,851.0	
		5,861.9	
PERF - MESAVERDE; 5,862.0-5,980.0; 7/20/1974		5,972.1	
		5,980.0	
3; Production1; 4 1/2 in; 4,052 in; 3,910.0 ftKB; 6,055.0 ftKB	Production Casing Cement; 4,360.0-6,070.0; 7/19/1974; Cm'd with 125/sx Class B cmt. TOC @ 4360' per CBL (12/07/15).	6,025.9	
	Auto cement plug; 6,026.0-6,070.0; 7/19/1974; Automatically created cement plug from the casing cement because it had a tagged depth.	6,069.9	
		6,075.1	

**Schematic - Proposed  
SAN JUAN 29-6 UNIT #13**

District NORTH	Field Name MV	API / UWI 3003907693	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 11/5/1952	Surf Loc 006-029N-006W-L	East/West Distance (ft) 981.96	East/West Reference FWL	N/S Dist (ft) 1,649.93
				North/South Reference FSL

**Vertical - OH ST1, 1/1/2020 5:30:00 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: San Juan 29-6 Unit 13

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 **4351 ft.** to cover the Chacra top. **BLM picks top of Chacra at 4401 ft.** Adjust cement volume accordingly.
- b) Bring the top of plug #2 to **3632 ft. inside/outside** to cover the Pictured Cliffs top. **BLM picks top of Pictured Cliffs at 3682 ft.** Adjust cement volume accordingly.
- c) Set plug #3 (**3392-2650**) ft. to cover the Fruitland, Kirtland, and Ojo Alamo tops. **BLM picks top of Fruitland at 3342 ft. BLM picks top of Ojo Alamo at 2700 ft.**
- d) Set plug #4 (**1507-1407**) ft. **inside/outside** to cover the Nacimiento top. **BLM picks top of Nacimiento at 1457 ft.**

**H<sub>2</sub>S has not been reported at this location, however, low concentrations of H<sub>2</sub>S (4 ppm GSV) have been reported in the NESE/4 Sec. 7, 29N, 6W.**

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.