

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 03 2011

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

5. Lease Number
SF-078460

6. If Indian, All. or
Tribe Name

2. Name of Operator

7. Unit Agreement Name
San Juan 32-7 Unit

ConocoPhillips

3. Address & Phone No. of Operator

8. Well Name & Number
San Juan 32-7 Unit 41A

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.

30-045-25080

4. Location of Well, Footage, Sec., T, R, M

10. Field and Pool
Blanco Mesaverde

Unit N (SESW), 1085' FSL & 1820' FWL, Section 7, T32N, R7W, NMPM

11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

Other -

13. Describe Proposed or Completed Operations

ConocoPhillips requests permission to P&A the subject well per the attached procedure, proposed & current wellbore schematic.

RCVD FEB 10 '11

OIL CONS. DIV.

14. I hereby certify that the foregoing is true and correct.

DIST. 3

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory Technician

Date 2/2/2011

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date FEB 09 2011

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

★ SEE CHANGES IN PROCEDURE

NMOC

ConocoPhillips
San Juan 32-7 Unit 41A (MV)
Expense – P&A

1085' FSL and 1820' FWL, Unit N Section 7, T32N, R07W
San Juan County, New Mexico / API 30-045-25080
Lat: 36° 59' 28.889" N/ Long: 107° 36' 40.813" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. 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.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes____, No X, Unknown____.
Tubing: Yes X, No____, Unknown____ Size 2-3/8, Length 5544'.
Packer: Yes____, No X, Unknown____ Type____.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

4. **Plug #1 (Mesa Verde formation and top, 5176-5276')**: RIH and set 4-1/2" CIBP at 5276'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement and spot above CIBP to isolate the MV perforations. POH.

→ *Check plug 4618'-4518'*

5. **Plug #2 (7" casing shoe, liner top, Pictured Cliffs perforations and top, 3160-3700')**: Mix 87 sxs Class B cement and spot a balanced plug inside the casing to cover the 7" casing shoe, liner top, and Pictured Cliff formation top. TUH

- 2795 2834 2934*
- ★ 6. **Plug #3 (Fruitland top, ~~2760-2860'~~ ²⁷⁹⁵)**: Mix ~~29~~³⁵ sxs Class B cement and spot a balanced plug inside casing to cover the Fruitland Coal top. TOH and LD tubing.

- 2152 1958*
7. **Plug #4 (Kirtland and Ojo Alamo tops, ~~1530-1740'~~ ²¹⁵²)**: Perforate 3 squeeze holes at ~~1740'~~¹⁹⁵⁸. Set CR @ ~~1600'~~. Establish rate into squeeze holes. Mix 105 sxs Class B cement. Squeeze 54 sxs cement outside the casing and leave 51 sxs inside the casing. POH and LD tubing.

- 698*
8. **Plug #5 (Nacimiento and 9-5/8" casing Shoe, ~~575-Surface~~ ⁶⁹⁸)**: Perforate 3 squeeze holes at 575'. Establish circulation out bradenhead with water and circulate bradenhead clean. Mix 167 sxs Class B cement. Squeeze cement and circulate to surface.

9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 32-7 UNIT #41A

API/UNR	Surface Legal Location	Field Name	License No.	State/Pollution	Well Configuration Type	Edit
3004525080	NMPM-32N-07W-07-N	PC/MV COM		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,435.00	6,448.00	13.00				

Well Config: Vertical - Original Hole, 1/25/2011 3:29:59 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	From Final
13			
215			
216		SURFACE CASING CEMENT, 13-216, 8/27/1981, Cemented w/ 115 sx Class B. Circulated 10 bbl to surface.	
525		Surface, 9 5/8in, 8.921in, 13 ftKB, 216 ftKB	NACIMIENTO, 525
1,580			OJO ALAMO, 1,580
1,690			KIRTLAND, 1,690
1,850			
2,300			
2,310		SQUEEZE NEW PC PERFS, 3,212-3,240, 10/16/2007, Squeezed w/ 77 sx Type 3. Pressure up to 350 PSI. Pressure stayed at 350 PSI for 30 minutes.	
3,210		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 13 ftKB, 5,544 ftKB	FRUITLAND, 2,810
3,212		Perforated, 3,212-3,240, 10/25/2001	PICTURED CLIFFS, 3,210
3,240		SQUEEZE OLD PC PERFS, 1,850-3,354, 10/21/2001, Squeezed w/ 50 sx Type 3. Neat cmet followed by 50 sx Type 3. Pressure test = good. TOC determined at 1850 by CBL	
3,300		Perforated, 3,300-3,354, 12/6/1981	
3,354		Liner Top @ 3467'	
3,467			
3,479			
3,649		INTERMEDIATE CASING CEMENT, 2,300-3,650, 9/2/1981, Cemented w/ 115 sx Class B lead and 75 sx Class B tail. TOC @ 2300' from temp survey.	
3,650		Intermediate, 7in, 6.456in, 13 ftKB, 3,650 ftKB	CLIFF HOUSE, 5,307
5,307			
5,326			
5,371			MENEFEE, 5,371
5,544		Perforated, 5,326-5,684, 12/5/1981	
5,545		"F" Nipple, 2 3/8in, 5,544 ftKB, 5,545 ftKB	
5,546		Expendable Check valve w/ Mule Shoe, 2 3/8in, 5,545 ftKB, 5,546 ftKB	
5,574			POINT LOOKOUT, 5,574
5,684			
5,720		PBTD, 5,720	
5,818			
5,819		PRODUCTION CASING CEMENT, 3,467-5,850, 9/5/1981, Cemented w/ 240 sx Class B. Reversed out 4 bbl.	
5,849		PLUGBACK, 5,720-5,850, 9/6/1981	
5,850		TD, 5,850, 9/5/1981	
		Liner, 4 1/2in, 4.052in, 3,467 ftKB, 5,850 ftKB	

ConocoPhillips

Proposed Schematic

Well Name: SAN JUAN 32-7 UNIT #41A

API/ UWI:	Surface Legal Location:	Field Name:	License No.:	State/Province:	Well Configuration Type:	Edit
3004525080	NMPM-32N-07W-07-N	PC/MV COM		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tibbing Hanger Distance (ft)		
6,435.00	6,448.00	13.00				

Well Config: Vertical - Original Hole, 1/1/2020

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
13		SURFACE CASING CEMENT, 13-216	
215		8/27/1981, Cemented w/ 115 sx Class B. Circulated 10 bbl to surface.	
216		Surface, 9 5/8in, 8.921in, 13 ftKB, 216 ftKB	
525		Plug #5, 13-575, 1/1/2020, Mix 167 sx Class B cement. Squeeze cement and circulate to surface.	NACIMIENTO, 525
575		Cement Squeeze, 13-575, 1/1/2020	
1,530		Plug #5 Perf, 575, 1/1/2020	OJO ALAMO, 1,580
1,580		Cement Retainer, 1,690-1,691	
1,690		Plug #4, 1,530-1,740, 1/1/2020, Mix 105 sx Class B cement: Squeeze 54 sx cement outside the casing and leave 51 sx inside the casing.	KIRTLAND, 1,690
1,691		Cement Squeeze, 1,530-1,740, 1/1/2020	
1,740		Plug #4 Perf, 1,740, 1/1/2020	
1,850		Plug #3, 2,760-2,860, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside casing to cover the Fruitland Coal top.	FRUITLAND, 2,810
2,300		Perforated, 3,212-3,240, 10/25/2001	
2,760		SQUEEZE NEW PC PERFS, 3,212-3,240, 10/16/2007, Squeezed w/ 77 sx Type 3. Pressure up to 350 PSI. Pressure stayed at 350 PSI for 30 minutes.	PICTURED CLIFFS, 3,210
2,810		Perforated, 3,300-3,354, 12/6/1981	
2,860		SQUEEZE OLD PC PERFS, 1,850-3,354, 10/21/2001, Squeezed w/ 50 sx Type 3. Neat cmet followed by 50 sx Type 3. Pressure test = good. TOC determined at 1850 by CBL	
3,160		Plug #2, 3,160-3,467, 1/1/2020	
3,210		INTERMEDIATE CASING CEMENT, 2,300-3,650, 9/2/1981, Cemented w/ 115 sx Class B lead and 75 sx Class B tail. TOC @ 2300' from temp survey.	
3,212		Intermediate, 7in, 6.456in, 13 ftKB, 3,650 ftKB	
3,240		Plug #2, 3,467-3,700, 1/1/2020, Mix 87 sxs Class B cement and spot a balanced plug inside the casing to cover the 7" casing shoe, liner top, and Pictured Cliff formation top.	CLIFF HOUSE, 5,307
3,300		Plug #1, 5,176-5,276, 1/1/2020, Mix 12 sxs Class B cement and spot above CIBP to isolate the MV perforations.	
3,354		Bridge Plug - Permanent, 5,276-5,278	MENESEE, 5,371
3,467		Perforated, 5,326-5,684, 12/5/1981	POINT LOOKOUT, 5,574
3,479		PBTD, 5,720	
3,649		PRODUCTION CASING CEMENT, 3,467-5,850, 9/5/1981, Cemented w/ 240 sx Class B. Reversed out 4 bbl.	
3,650		PLUGBACK, 5,720-5,850, 9/6/1981	
3,700		Liner, 4 1/2in, 4.052in, 3,467 ftKB, 5,850 ftKB	
5,176			
5,276			
5,278			
5,307			
5,326			
5,371			
5,574			
5,684			
5,720			
5,818			
5,819			
5,849			
5,850			

Liner Top @ 3467'

TD, 5,850, 9/5/1981

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 41A San Juan 32-7 Unit

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) 599-8907.

3. The following modifications to your plugging program are to be made:

- a) Place a cement plug from 4618' – 4518' to cover the Chacra top.
- b) Place the Fruitland plug from 2934' – 2834'.
- c) Place the Kirtland/Ojo Alamo plug from 2152' – 1908' inside and outside the 7" casing.
- d) Place the Nacimiento/Surface plug from 698' to surface.

OR

- e) Place the Nacimiento plug from 698' to 598' inside and outside the 7" casing.
- f) Place the Surface plug from 266' to surface inside and outside the 7" 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.