

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 12 2012

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

2. Name of Operator

ConocoPhillips

3. Address & Phone No. of Operator

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

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

Unit K (NESW), 1660' FSL & 1850' FWL, Section 8, T29N, R6W, NMPM

5. Lease Number
SF-080379-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 29-6 Unit

8. Well Name & Number
San Juan 29-6 Unit 20

9. API Well No.
30-039-07652

10. Field and Pool
Blanco Mesaverde

11. County and State
Rio Arriba, NM

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

Type of Submission

Type of Action

☒ Notice of Intent☒ Abandonment☐ Change of Plans☐ Other -☐ Recompletion☐ New Construction☐ Subsequent Report☐ Plugging☐ Non-Routine Fracturing☐ Final Abandonment☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

* run current CBL and review with agencies prior to cementing as the 2010 CBL doesn't show cement between 3650-3750 which was referenced from the 1999 CBL to show cement from 3650'-3810'

RCVD MAR 19 '12
OIL CONS. DIV.
DIST. 3

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

Notify NMOCD 24 hrs
prior to beginning
operations

Signed

Dollie L. Busse

Dollie L. Busse

Title Staff Regulatory Technician

Date 3/12/12

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date MAR 13 2012

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

NMOCD
MAR 13 2012

CH

Expense – P&A

February 22, 2012

SAN JUAN 29-6 Unit 20 (MV)

Blanco Mesaverde
1660' FSL and 1850' FWL, Unit K Section 8, T29N, R06W
Rio Arriba, New Mexico / API 30-039-07652
Lat: 36° 44' 14.708" N/ Long: 107° 29' 18.251" 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. PU and remove tubing hanger. TOOH with tubing.
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. Rods: Yes X, No , Unknown .
Tubing: Yes X, No , Unknown Size 2 3/8, Length 5799'.
Packer: Yes , No X, Unknown Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
5. **Plug #1 (Mesaverde Perforations and Top, and Liner Top: 5370' – 5260')**: RIH and set 5" CR at 5370'. Load casing and circulate well clean. Pressure test tubing. Mix 26 sxs Class B cement and spot above CR to isolate the Mesaverde perforations and formation top, and liner top. POOH.
6. **Plug #2 (Lewis Perforations, 4366' - 4266')**: RIH and set 7" CR at 4366'. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate* Mix 29 sxs Class B cement and spot above CR to isolate the Lewis perforations. PUH.
7. **Plug #3 (Lewis and Pictured Cliffs Formation Tops, 3786' - 3607')**: Mix 45 sxs Class B cement and spot balanced-plug inside the casing to cover Lewis and Pictured Cliffs formation tops. POH. and LD tubing.
8. **Plug #4 (Fruitland Top, ³³⁵⁰3435' - ³²⁵⁰3355')**: Perforate squeeze holes at ³³⁵⁰3435'. Establish rate into squeeze holes. RIH and set 7" CR at ³³⁵⁰3435'. Mix 55 sxs Class B cement, squeeze 26 sx behind casing and leave 29 sx inside casing to cover the Fruitland top. POOH.

- 2627 2957
9. **Plug #5 (Kirtland and Ojo Alamo, 2957' - ~~2977'~~):** Perforate squeeze holes at 2957'. Establish rate into squeeze holes. RIH and set 7" CR at 2907'. Mix 136 sxs Class B cement, squeeze 72 sx behind casing and leave 64 sx inside casing to cover the Kirtland and Ojo Alamo tops. POOH.
- Nacimiento plug 1458 - 1358 inside + outside 2" casing
10. **Plug #6 (9-5/8" surface casing shoe, 264' – surface):** Perforate squeeze holes at 264'. Establish circulation out bradenhead with water and circulate bradenhead annulus clean. Mix 114 sxs Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.
11. 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.

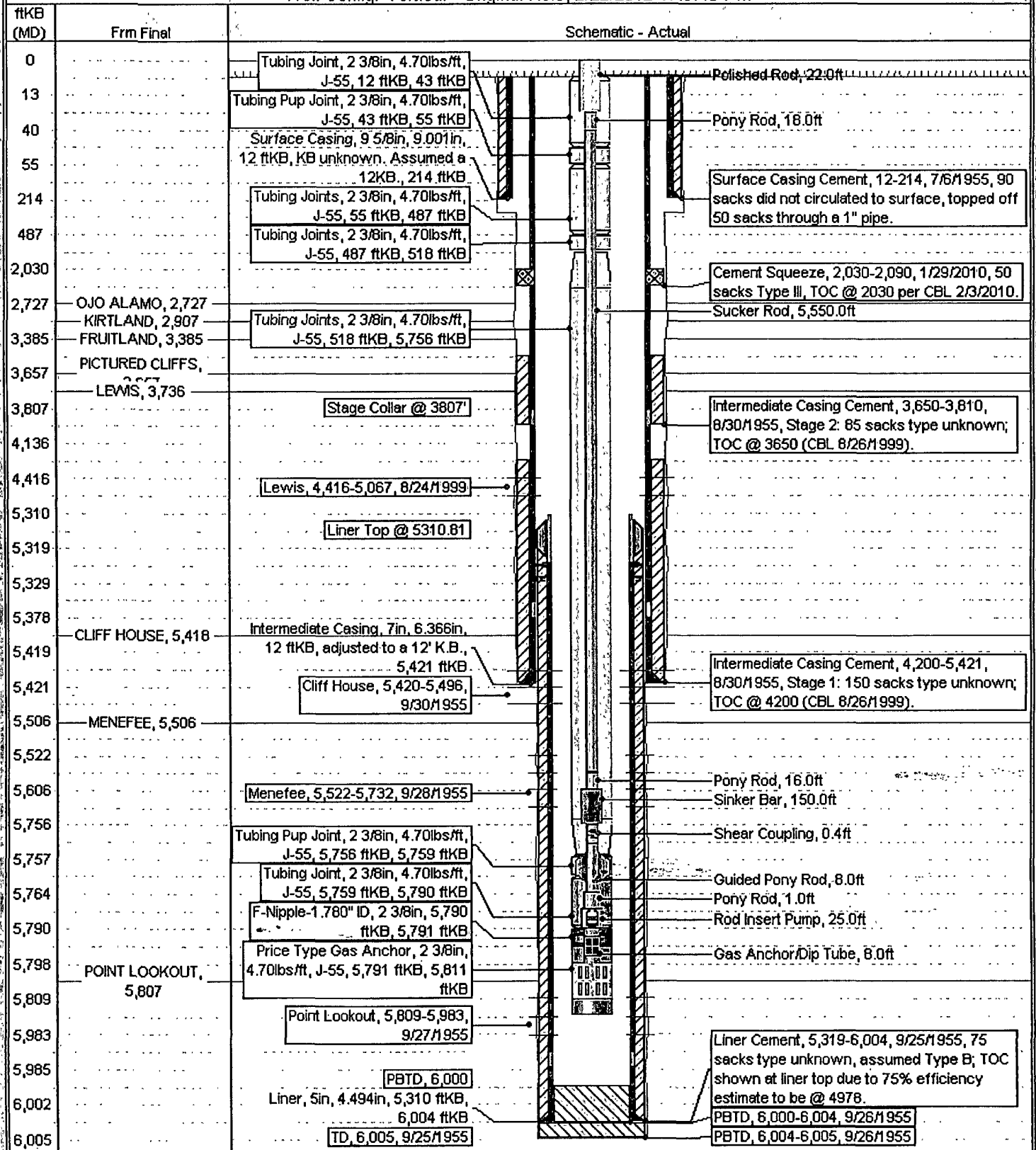
Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29-6 UNIT #20

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907652	NMPM-29N-06W-08-K	MV		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,758.00	6,770.00	12.00				

Well Config: Vertical - Original Hole, 2/22/2012 1:49:43 PM



Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 29-6 UNIT #20

API/ UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907652	NMPM-29N-06W-08-K	MV		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/PT Elevation (ft)	KB-Grnd/Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,758.00	6,770.00	12.00				

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

ftKB (MD)	Frm Final	Schematic - Actual
0		Surface Casing Cement, 12-214, 7/6/1955, 90 sacks did not circulated to surface, topped off 50 sacks through a 1" pipe.
13		Plug #6, 12-264, 1/1/2020
40		Plug #6, 12-264, 1/1/2020, Mix 114 sxs Class B cement and pump down production casing to circulate good cement out bradenhead.
55		Cement Squeeze, 2,030-2,090, 1/29/2010, 50 sacks Type III, TOC @ 2030 per CBL 2/3/2010.
214		Plug #5, 2,677-2,957, 1/1/2020
264		Plug #5, 2,677-2,957, 1/1/2020, Mix 136 sxs Class B cement, squeeze 72 sx behind casing and leave 64 sx inside casing to cover the Kirtland and Ojo Alamo tops.
518		Plug #4, 3,335-3,435, 1/1/2020
2,090		Plug #4, 3,335-3,435, 1/1/2020, Mix 55 sxs Class B cement, squeeze 26 sx behind casing and leave 29 sx inside casing to cover the Fruitland top.
2,727	OJO ALAMO 2,727 KIRTLAND, 2,907	Plug #3, 3,607-3,786, 1/1/2020, Mix 45 sx Class B cement and spot balanced plug inside the casing to cover Lewis and Pictured Cliffs formation tops.
2,908		Intermediate Casing Cement, 3,650-3,810, 8/30/1955, Stage 2: 85 sacks type unknown; TOC @ 3650 (CBL 8/26/1999).
3,335		Plug #2, 4,266-4,366, 1/1/2020, Mix 29 sx Class B cement and spot above CR to isolate the Lewis perforations.
3,386	FRUITLAND, 3,385	Plug #1, 5,260-5,310, 1/1/2020
3,607		Plug #1, 5,310-5,370, 1/1/2020, Mix 26 sx Class B cement and spot above CR to isolate the Mesaverde perforations and formation, and liner top.
3,657	PICTURED CLIFFS, LEWIS, 3,736	
3,786		
3,810		
4,200		
4,366		
4,416		
5,260		
5,311		
5,320		
5,370		
5,377		
5,418	CLIFF HOUSE, 5,418	
5,420		
5,496		
5,507	MENELEE, 5,506	
5,590		
5,732		
5,756		
5,759		
5,765		
5,791		
5,807	POINT LOOKOUT, 5,807	
5,811		
5,984		
6,000		
6,004		

**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: 20 San Juan 29-6 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 the Fruitland plug from 3350' – 3250'.
 - b) Place the Kirtland/Ojo Alamo plug from 2957' – 2627' inside and outside the 7" casing.
 - c) Place the Nacimiento plug from 1458' – 1358' 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.