

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

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 G (SWNE), 1850' FNL & 1850' FEL, Section 20, T24N, R3W, NMPM

5. Lease Number
SF-079456

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Chacon Hill 2

9. API Well No.

30-039-22136

10. Field and Pool
Chaco Dakota

11. County and State
Rio Arriba, NM

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

Type of Submission
☒ Notice of Intent

Type of Action
☒ Abandonment

☐ Change of Plans

☐ Other -

☐ Subsequent Report

☐ Recompletion

☐ New Construction

RCVD MAR 19 '12

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

OIL CONS. DIV.

☐ Casing Repair

☐ Water Shut off

DIST. 3

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

3/9/2012 Notified BLM (Stephen Mason) & OCD (Brandon Powell) of request to P&A with workover rig. Verbal approval received. The attached procedure has been updated with revised plugs from the BLM & OCD.

**Notify NMOCD 24 hrs
prior to beginning
operations**

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

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory Technician

Date 3/13/12

(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

A✓

ConocoPhillips

CHACON HILL 2

Expense – P&A

Revised per BLM Approval 3/9/12

1850' FNL and 1850' FWL, Spot G, Section 20, T24N, R03W

Rio Arriba County, New Mexico / API 30-039-22136

Lat: N 36.297988 / Long: W 107.17658 NAD 27

PROCEDURE

Note: 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. 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. Conduct pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Install and test location rig anchors. MOL and RU daylight pulling unit. 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.
2. TOOH with tubing/rods (per pertinent data sheet).
Rods: Yes___, No X, Unknown___.
Tubing: Yes X, No___, Unknown___. Size 2-3/8", Length 7,312'.
Packer: Yes___, No X, Unknown___. Type_____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
3. Round trip casing scraper to top of perforated interval at 7,187'.
4. **Plug #1 (Dakota Perforations and formation top: 7,037' – 7,137')**: PU CR for 5-1/2" 15.5/17# casing and set at 7,137'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Mix 17sx Class B cement and spot above CIBP to isolate the Dakota perforations and formation top.
5. Pressure test casing to 560#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Load hole and run CBL from top of plug to surface.
6. **Plug #2 (Gallup formation top: 6,240' – 6,140')**: Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top. PUH.
7. **Plug #3 (Mancos formation top: 5,520' – 5,420')**: Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top. POOH.
8. **Plug #4 (Mesa Verde formation top: 4,690' – 4,590')**: Perforate 3 squeeze holes at 4,690'. Set cement retainer at 4,640'. Establish rate into squeeze holes. Mix 47 sx Class B cement, squeeze 30sx outside casing and leave 17sx inside to cover Mesa Verde formation top. PUH.

9. **Plug #5 (Chacra formation top: 3,922' – 3,822')**: Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top. PUH.
10. **Plug #6 (Pictured Cliffs and Fruitland formation top: 3,050' – 2,812')**: Mix 32sx Class B cement and spot a balanced plug inside casing to isolate the Pictured Cliffs and Fruitland formation tops. POOH.
11. **Plug #7 (Kirtland and Ojo Alamo formation tops: 2,754' – 2,457')**: Perforate 3 squeeze holes at 2,754'. Set cement retainer at 2,704'. Establish rate into squeeze holes. Mix 127sx Class B cement; squeeze 88sx outside casing and leave 39sx inside to cover the Kirtland and Ojo Alamo formation tops. POOH.
12. **Plug #8 (Nacimiento formation top: 1,284' – 1,184')**: Perforate 3 squeeze holes at 1,284'. Set cement retainer at 1,234'. Establish rate into squeeze holes. Mix 47sx Class B cement. Squeeze 30sx outside casing and leave 17sx inside to cover Nacimiento formation top. POOH and LD workstring.
13. **Plug #9 (Surface casing shoe and surface plug: 342' – Surface)**: Perforate 3 HSC holes at 342'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 124sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.
14. Nipple down BOP and cut off wellhead below casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, and reclaim location per BLM stipulations.

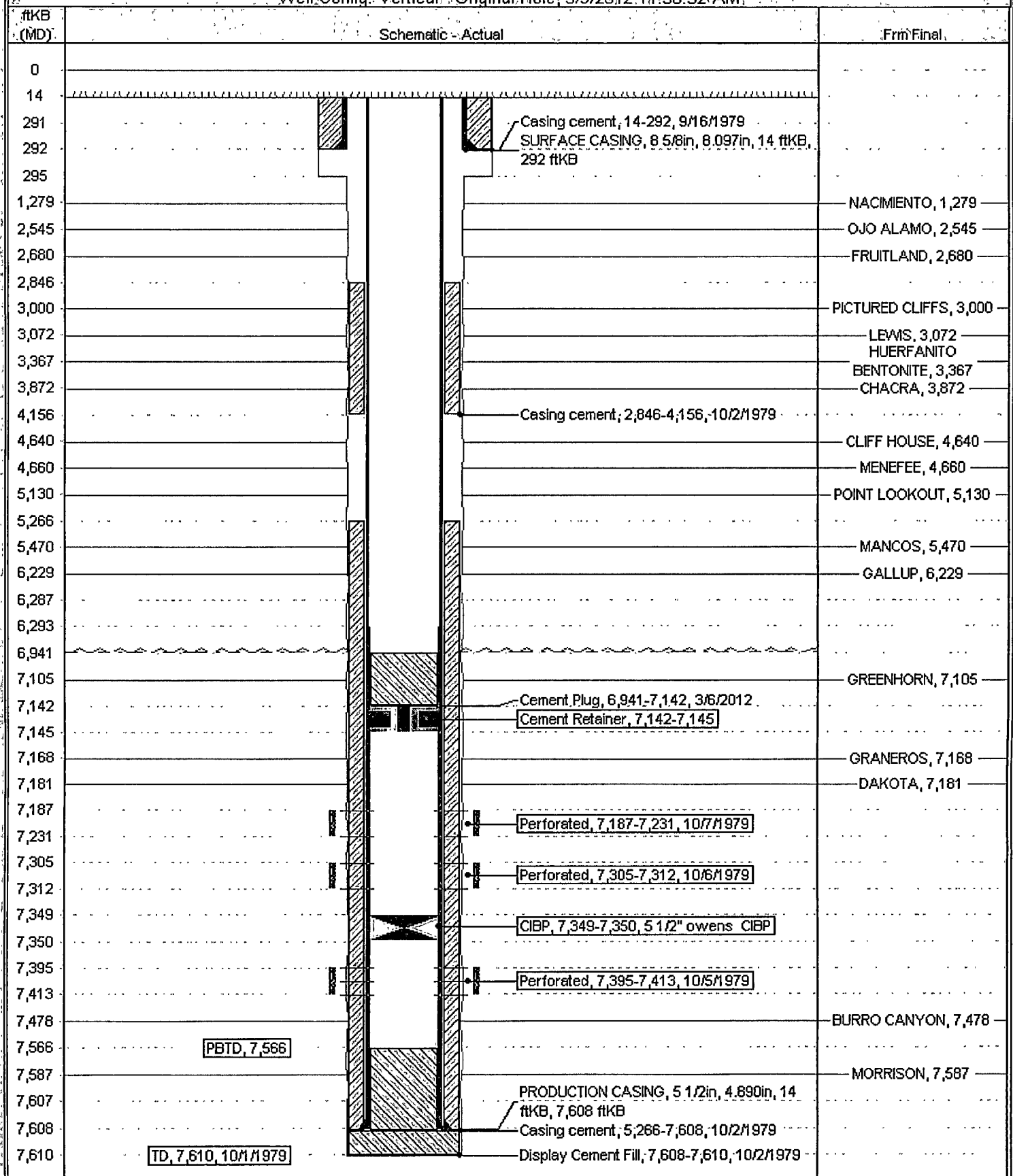
CURRENT SCHEMATIC

ConocoPhillips

CHACON HILL #2

District SOUTH	Field Name DK	API / UWI 3003922136	County RIO ARRIBA	State/Province NEW MEXICO	Edit
Original Spud Date 9/14/1979	Surface Legal Location NMPM-24N-03W-20-I	E/W Dist (ft) 1,850.00	E/W Ref E	N/S Dist (ft) 1,850.00	N/S Ref N

Well Config: Vertical - Original Hole, 3/9/2012 11:30:52 AM



Proposed Schematic

ConocoPhillips

Well Name: CHACON HILL #2

API/UWI 3003922136	Surface Legal Location NMPM-24N-03W-20-I	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,902.00	Original KB/RT Elevation (ft) 6,916.00	KB-Ground Distance (ft) 14.00	KB-Casing/Flange Distance (ft) 6,916.00	KB-Tabling/Hanger Distance (ft) 6,916.00		

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

ftKB/ (MD)	From/To	Schematic - Actual
0		
291		Casing cement, 14-292, 9/16/1979, 300 sx Class B cement circ. 15 bbls @ surface.
295		Plug #9, 14-342, 1/1/2020
1,184		Plug #9, 14-342, 1/1/2020, Mix 124sx Class B cement and pump down production casing to circulate good cement out bradenhead.
1,235		Plug #8, 1,184-1,284, 1/1/2020, Mix 47sx Class B cement. Squeeze 30sx outside casing and leave 17sx inside to cover Nacimiento formation top.
2,457		Plug #8, 1,184-1,284, 1/1/2020
2,704		Plug #7, 2,457-2,754, 1/1/2020, Mix 127sx Class B cement, squeeze 88sx outside casing and leave 39sx inside to cover the Kirtland and Ojo Alamo formation tops.
2,754		Plug #7, 2,457-2,754, 1/1/2020
2,846		Plug #6, 2,812-3,050, 1/1/2020, Mix 32sx Class B cement and spot a balanced plug inside casing to isolate the Fruitland and Pictured Cliffs formation top.
3,000		Plug #6, 2,812-3,050, 1/1/2020
3,072		Plug #5, 3,822-3,922, 1/1/2020, Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top.
3,822		Plug #5, 3,822-3,922, 1/1/2020
3,922		Casing cement, 2,846-4,156, 10/2/1979, Lead 200 sx 50/50 Poz tailed by 100 sx Class B. TOC @ 2846' (CBL 3/6/12). DV Tool @ 4141'.
4,156		Plug #4, 4,590-4,690, 1/1/2020
4,640		Plug #4, 4,590-4,690, 1/1/2020, Mix 47 sx Class B cement, squeeze 30sx outside casing and leave 17sx inside to cover Mesa Verde formation top.
4,660		Plug #3, 5,420-5,520, 1/1/2020, Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top.
5,130		Plug #2, 6,140-6,240, 1/1/2020, Mix 17sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top.
5,420		Plug #1, 7,037-7,137, 1/1/2020, Mix and pump 17 sxs Class B cement inside the casing above the CR to isolate the Dakota perforations and formation top.
5,520		Cement Plug, 6,941-7,142, 3/6/2012, PUMP CEMENT, 18 SX CLASS B 1.18 YIELD 21.24 CU/FT, PLUG FROM @7142' TO @6964'
6,190		
6,287		
6,941		
7,105		
7,138		
7,145		
7,181		
7,231		
7,312		
7,350		
7,413		
7,566		
7,607		
7,610		