

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

**RECEIVED**

NOV 23 2011

## Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management1. Type of Well  
GAS5. Lease Number  
Jicarilla Contract 36  
6. If Indian, All. or  
Tribe Name  
Jicarilla Apache  
7. Unit Agreement Name2. Name of Operator  
**ConocoPhillips Company**

3. Address &amp; Phone No. of Operator

8. Well Name & Number  
Northeast Haynes 10

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

9. API Well No.

30-039-05393

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

10. Field and Pool  
Otero Gallup

Unit G (SWNE), 1849' FNL &amp; 1849' FEL, Section 21, T24N, R5W, NMPM

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☐ 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 -

RCVD NOV 30 '11

OIL CONS. DIV.

DIST. 3

## 13. Describe Proposed or Completed Operations

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

Notify NMOCD 24 hrs  
prior to beginning

Notify NMOCD Operations

prior to  
operations

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 11/22/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_Date NOV 28 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

**NMOCD**

A

**ConocoPhillips**  
**NORTHEAST HAYNES 10**  
**Expense - P&A**

**Lat 36° 18' 1.148" N**

**Long 107° 21' 45.972" W**

**PROCEDURE**

**Note:** This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of a 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 pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II (Class B) mixed at 15.6 ppg with a 1.18 cf/sk yield. **Plug depths subject to change per CBL.**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Install and test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
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. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, if necessary.
5. ND wellhead and NU BOPE. Pressure test BOP.
6. TOOH and LD tubing (detail below). **Make note of corrosion, scale, or paraffin and save a sample to give to NALCO for further analysis.** If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

|                     |            |                |                        |               |      |                |        |
|---------------------|------------|----------------|------------------------|---------------|------|----------------|--------|
| <b>Tubing Size:</b> | 2-3/8" EUE | <b>Weight:</b> | 4.7#                   | <b>Grade:</b> | J-55 | <b>Length:</b> | 5,555' |
| <b>Tubing Size:</b> | 1-1/4" IJ  | <b>Weight:</b> | 2.33#                  | <b>Grade:</b> | J-55 | <b>Length:</b> | 102'   |
| <b>Packer Size:</b> | 4-1/2"     | <b>Model:</b>  | Baker Model "D" Packer |               |      | <b>Depth:</b>  | 5,588' |

7. PU 2-3/8" workstring and packer plucker and RIH. Mill out packer. POOH and LD packer plucker.
8. RIH and set CR at 5612'. Load hole. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary. **Run CBL from top of CR to surface.**
9. **Plug #1 (Gallup perforations & formation top, 5,612' - 5,512'):** Mix and pump 12 sx Class B cement inside the casing above CR to isolate the Gallup perforations and formation top. POOH.
10. **Plug #2 (Mancos formation top, 4,786' - 4,886'):** Perforate 3 HSC holes at 4886'. RIH and set CR at 4836'. Establish injection rate into squeeze holes. Mix 39 sx Class B cement. Sqz 27 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Mancos formation top. PUH.
11. **Plug #3 (Mesaverde formation top, 3,848' - 3,948'):** Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Mesaverde formation top. PUH.
12. **Plug #4 (Chacra formation top, 3,159' - 3,259'):** Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top. PUH.
13. **Plug #5 (Pictured Cliffs formation top, 2,322' - 2,422'):** Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Pictured Cliffs formation top. POOH.
14. **Plug #6 (Fruitland & Ojo Alamo formation tops, 1,760' - 2,089'):** Perforate 3 HSC holes at 2089'. RIH and set CR at 2039'. Establish injection rate into squeeze holes. Mix 148 sx Class B cement. Sqz 120 sx Class B cement into HSC holes and leave 28 sx cement inside casing to isolate the Fruitland & Ojo Alamo formation tops. POOH.
15. **Plug #7 (Nacimiento formation top, 888' - 988'):** Perforate 3 HSC holes at 988'. RIH and set CR at 938'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Nacimiento formation top. PUH.

16. **Plug #8 (Surface casing shoe and surface plug, 367' - Surface):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 32 sx Class B cement and spot a balanced plug from 367' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 367' and the annulus from the squeeze holes to surface. Shut in well and WOC.

17. 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 to its natural state.

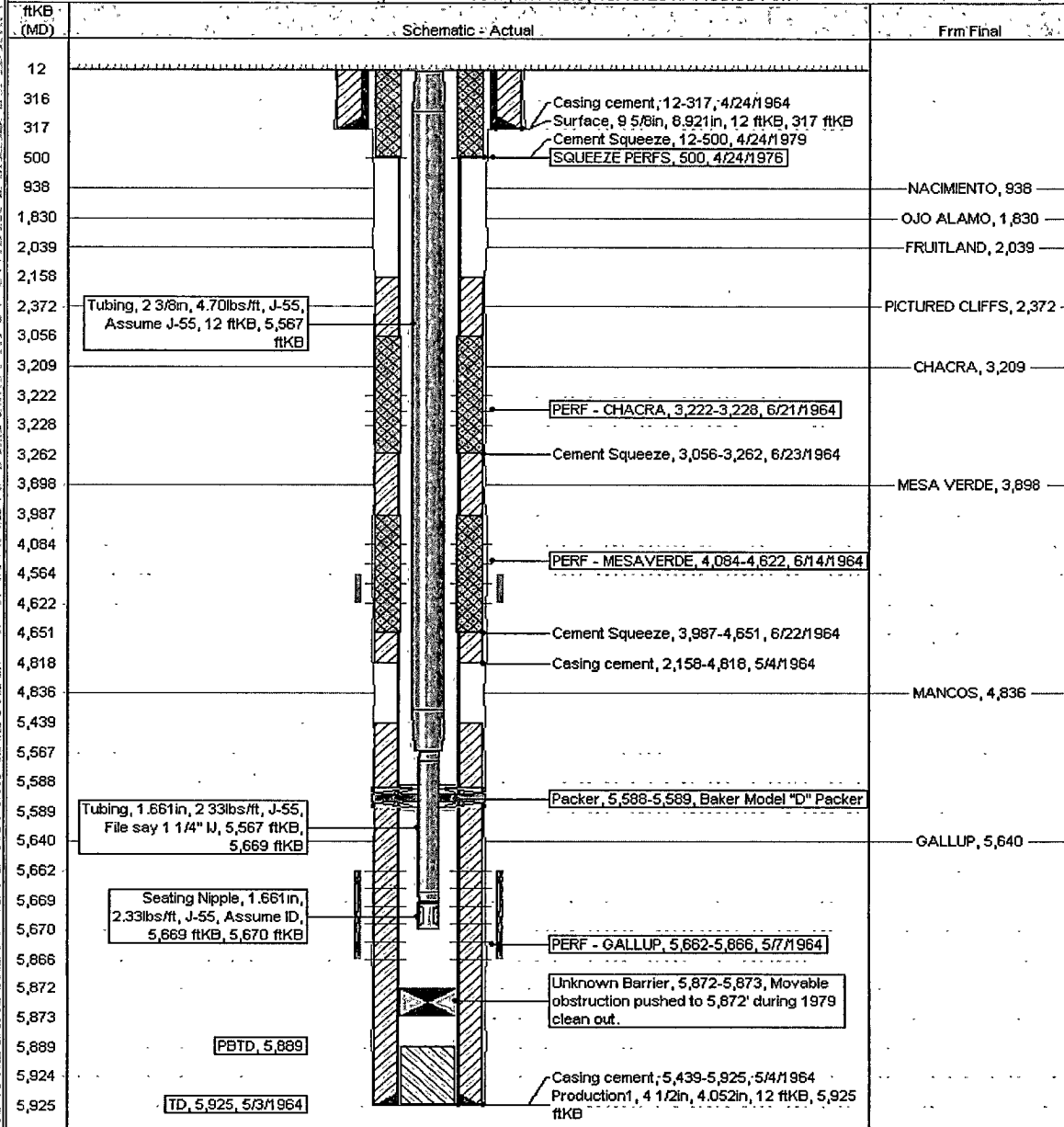
## CURRENT SCHEMATIC

ConocoPhillips

N.E. HAYNES 10

|                                 |   |                           |                      |                              |              |
|---------------------------------|---|---------------------------|----------------------|------------------------------|--------------|
| District<br>SOUTH               | Field Name<br>GL                            | API / UWI<br>3003905393   | County<br>RIO ARRIBA | State/Province<br>NEW MEXICO | Edt          |
| Original Spud Date<br>4/23/1964 | Surface Legal Location<br>NMPM-24N-05W-21-G | E/W Dist (ft)<br>1,849.00 | E/W Ref<br>E         | N/S Dist (ft)<br>1,849.00    | N/S Ref<br>N |

Well Config Vertical - Original Hole 10/19/2011 7:53:33 AM



ConocoPhillips

Proposed Schematic

N/E HAYNES 10

|                                 |   |                           |                      |                              |              |
|---------------------------------|---|---------------------------|----------------------|------------------------------|--------------|
| District<br>SOUTH               | Field Name<br>GL                            | API / UWI<br>3003905393   | County<br>RIO ARRIBA | State/Province<br>NEW MEXICO | Edr          |
| Original Spud Date<br>4/23/1964 | Surface Legal Location<br>NMPM-24N-05W-21-G | E/W Dist (ft)<br>1,849.00 | E/W Ref<br>E         | N/S Dist (ft)<br>1,849.00    | N/S Ref<br>N |

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

| TKB (MD) | From Final             | Schematic | Actual |
|----------|------------------------|-----------|--------|
| 12       |                        |           |        |
| 316      |                        |           |        |
| 317      |                        |           |        |
| 367      |                        |           |        |
| 500      |                        |           |        |
| 688      |                        |           |        |
| 938      | NACIMIENTO, 938        |           |        |
| 939      |                        |           |        |
| 988      |                        |           |        |
| 1,780    |                        |           |        |
| 1,830    | OJO ALAMO, 1,830       |           |        |
| 2,039    | FRUITLAND, 2,039       |           |        |
| 2,040    |                        |           |        |
| 2,089    |                        |           |        |
| 2,158    |                        |           |        |
| 2,322    |                        |           |        |
| 2,372    | PICTURED CLIFFS, 2,372 |           |        |
| 2,422    |                        |           |        |
| 3,056    |                        |           |        |
| 3,159    |                        |           |        |
| 3,209    | CHACRA, 3,209          |           |        |
| 3,222    |                        |           |        |
| 3,228    |                        |           |        |
| 3,259    |                        |           |        |
| 3,262    |                        |           |        |
| 3,848    |                        |           |        |
| 3,898    | MESA VERDE, 3,898      |           |        |
| 3,948    |                        |           |        |
| 3,987    |                        |           |        |
| 4,084    |                        |           |        |
| 4,564    |                        |           |        |
| 4,622    |                        |           |        |
| 4,651    |                        |           |        |
| 4,786    |                        |           |        |
| 4,818    |                        |           |        |
| 4,836    | MANCOS, 4,836          |           |        |
| 4,837    |                        |           |        |
| 4,886    |                        |           |        |
| 5,439    |                        |           |        |
| 5,512    |                        |           |        |
| 5,567    |                        |           |        |
| 5,588    |                        |           |        |
| 5,589    |                        |           |        |
| 5,612    |                        |           |        |
| 5,613    |                        |           |        |
| 5,640    | GALLUP, 5,640          |           |        |
| 5,662    |                        |           |        |
| 5,669    |                        |           |        |
| 5,670    |                        |           |        |
| 5,666    |                        |           |        |
| 5,872    |                        |           |        |
| 5,873    |                        |           |        |
| 5,889    |                        |           |        |
| 5,924    |                        |           |        |
| 5,925    |                        |           |        |

**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: 10 Northeast Haynes

**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/Kirtland/Ojo Alamo plug from 2213' – 1776' inside and outside the 4 ½" casing where cement is not present behind the 4 ½" casing.
  - b) Place the Nacimiento plug from 540' – 440'.

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.