

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

RECEIVED**AUG 16 2010**

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 D (NWNW), 904' FNL & 1105' FWL, Section 15, T24N, R5W, NMPM

5. **Lease Number**
Contract 36
6. **If Indian, All. or**
Tribe Name
Jicarilla Apache
7. **Unit Agreement Name**

8. **Well Name & Number**
NE Haynes # 6

9. **API Well No.**

30-039-05509

10. **Field and Pool**
Otero Gallup

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 AUG 24 '10

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

ConocoPhillips requests permission to P&A the subject well per the attached procedure. Current and Proposed wellbore schematics are attached.

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

Signed

Patsy Clugston

Patsy Clugston

Title Sr. Regulatory Specialist

Date 8/13/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date

AUG 17 2010

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.

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

NMOCD

PLUG AND ABANDONMENT PROCEDURE

July 24, 2010

NE Haynes #6

Basin Dakota / Otero Gallup

904' FNL, 1105' FWL, Section 15, T24N, R5W, Rio Arriba County, New Mexico

API 30-039-05509 / Long: 107° 21' 9.684" W / Lat: 36° 19' 2.684" N

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 2.375", Length 6714'.
Packer: Yes____, No X, Unknown____, Type____.
4. If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
5. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
6. **Plug #1 (Dakota perforations and top, 6706' – 6606')**: RIH and set CR at 6706'. Pressure test tubing to 1000 PSI. Spot 17 sxs Class B cement and spot a balanced plug inside the casing above CR to isolate the Dakota interval. TOH with tubing.
7. **Plug #2 (Gallup perforations and top, 5643' – 5447')**: RIH and set CR at 5547'. Pressure test casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Mix 72 sxs Class B cement, squeeze 44 sxs outside 5.5" casing to fill open perforations and leave 28 sxs inside casing to cover the Gallup top. PUH.
8. **Plug #3 (Mesaverde top, 3924' – 3824')**: Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. TOH with tubing.
9. **Plug #4 (Picture Cliffs, Fruitland, Kirtland and Ojo Alamo tops, ²³⁹⁶2375' – ¹⁷⁵⁸1770')**: Perforate 3 HSC holes at ²³⁹⁶2375'. TIH and set a CR at ²³⁹⁶2325". Establish a rate into the squeeze holes. Mix ²⁵³253 sxs Class B cement, squeeze ¹⁷⁶176 sxs outside the casing and leave ⁷⁶76 sxs inside casing to cover through the Ojo Alamo top. TOH with tubing.
10. **Plug #5 (Nacimiento top and 8.625" Surface casing shoe, ⁴⁹⁰360' to Surface)**: Perforate 3 squeeze holes at ⁴⁹⁰360'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix

approximately ~~115~~ sxs Class B cement and pump down the 5.5" 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.

NE Haynes #6

Current

Basin Dakota / Otero Gallup

904' FNL, 1105' FWL, Section 15, T-24-N, R-5-W, Rio Arriba County, NM

Lat: 36°19'2.964" N / Long: 107°21'9.684" W, API #30-039-05509

Today's Date: 7/24/10

Spud: 6/14/62

Completion: 10/8/63

Elevation: 6545' GI
6556' KB

Nacimiento @ 295' *est

Ojo Alamo @ 1820' *est

Kirtland @ 1925' *est

Fruitland @ 2205' *est

Pictured Cliffs @ 2325'

Mesaverde @ 3874'

Gallup @ 5595'

Dakota @ 6630'

12.25" hole

7.875" Hole

TD 6832'
PBD 6809'

8.625", 24#, Casing set @ 310'
Cement with 150 sxs, circulate to surface

2.375" Tubing @ 6714' KB (15' KB)
(221 jts, 4.7#, J-55 with S nipple and mud shoe
guide)

Isolate casing leaks 2368' – 2417', sqz
with 250 sxs. PT okay. (1980)

5.5" TOC @ 2772' (Calc, 75%)

DV Tool @ 4757'
Stage 2: Cemented with 458 cf

Gallup Perforations:
5597' – 5812'

5.5" TOC @ 5643' (Calc, 75%)

Dakota Perforations:
6756' – 6764'

5.5" 15.5#/14#, casing set @ 6832'
Stage 1: Cemented with 274 cf

NE Haynes #6

Proposed P&A

Basin Dakota / Otero Gallup

904' FNL, 1105' FWL, Section 15, T-24-N, R-5-W, Rio Arriba County, NM

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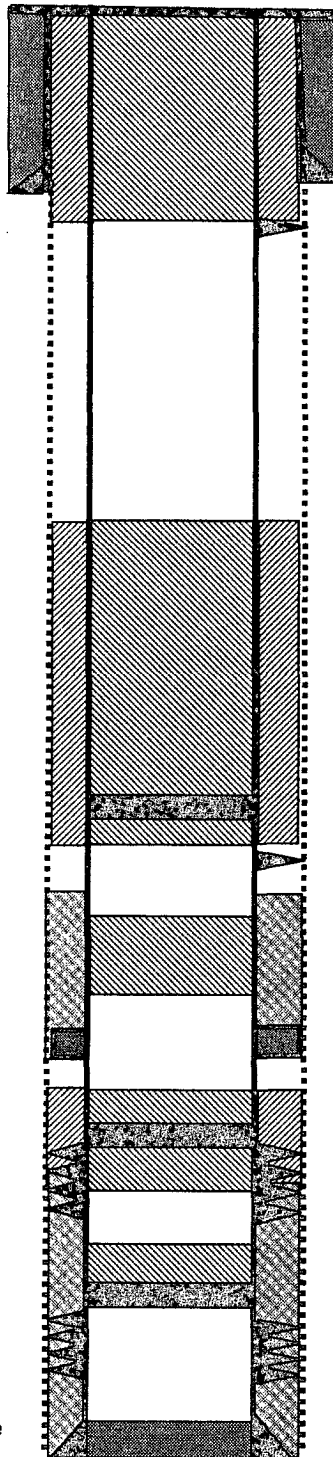
Pictured Cliffs @ 2325'

Mesaverde @ 3874'

Gallup @ 5595'

Dakota @ 6630'

7.875" Hole



8.625", 24#, Casing set @ 310'
Cement with 150 sxs, circulate to surface

Perforate @ 360'

Plug #5: 360' - 0'
Class B cement, 115 sxs

Plug #4: 2375' - 1770'
Class B cement, 253 sxs
75 inside and 178 outside

Isolate casing leaks 2368' - 2417', sqz
with 250 sxs. PT okay. (1980)

Cement Retainer @ 2325'

Perforate @ 2375'

5.5" TOC @ 2772' (Calc, 75%)

Plug #3: 3924' - 3824'
Class B cement, 17 sxs

DV Tool @ 4757'
Stage 2: Cemented with 458 cf

Cement Retainer @ 5547'

Plug #2: 5643' - 5447'
Class B cement, 72 sxs:
28 inside and 44 outside

Gallup Perforations:
5597' - 5812'

5.5" TOC @ 5643' (Calc, 75%)

Plug #1: 6706' - 6606'
Class B cement, 17 sxs

Set CR @ 6706'

Dakota Perforations:
6756' - 6764'

5.5" 15.5#/14#, casing set @ 6832'
Stage 1: Cemented with 274 cf

TD 6832'
PBTD 6809'

**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: 6 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 Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 2396' – 1758' inside and outside the 5 ½" casing.
 - b) Place the Nacimiento/Surface plug from 490' to surface inside and outside the 5 ½" casing.
 - c) You are required to have H2S monitoring equipment on location during plugging operations.

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.