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Bureau of Land Management  
Farmington Field Office

submitted in lieu of Form 3160-5

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 COMPANY
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 C (NENW), 1100' FNL & 1650' FWL, Section 23, T26N, R08W, NMPM
5. Lease Number  
SF-078431
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name
8. Well Name & Number  
Nickson 5
9. API Well No.  
30-045-05768
10. Field and Pool  
Ballard Pictured Cliffs
11. County and State  
San Juan Co., NM

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

ConocoPhillips plans to plug and abandon this well according to the attached procedures.

RCVD MAY 2 '08  
OIL CONS. DIV.  
DIST. 3

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

Signed Tamra Sessions Tamra Sessions Title Regulatory Technician Date 4/28/2008

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date MAY 01 2008

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

## PLUG AND ABANDONMENT PROCEDURE

April 21, 2008

### Nickson #5

Ballard Pictured Cliffs

1100' FNL, 1650' FWL, Section 23, T26N, R8W, San Juan County, New Mexico

API 30-045-05768/ Lat: 36° 28' 34.32" N/ Long: 107° 39' 18" W

Note: 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 Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. 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. 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 1.315, Length 2278'.

Packer: Yes\_\_\_\_, No\_\_\_\_, Unknown\_\_\_\_, Type \_\_\_\_\_.

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

4. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2099' – <sup>13</sup>1848')**: Round trip 5.5" gauge ring to 2099'. TIH and set 5.5" CR at 2099'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix ~~35~~ sxs Class G cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs interval and cover the Fruitland top. TOH with tubing.

5. **Plug #2 (Kirtland and Ojo Alamo tops, <sup>1569</sup>1468' – <sup>1351</sup>1198')**: Perforate 3 squeeze holes at <sup>1569'</sup>1468'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 5.5" cement retainer at <sup>1569'</sup>1418'. Establish rate into squeeze holes. Mix and pump 120 sxs Class G cement, squeeze 82 sxs outside the casing and leave 38 sxs inside casing. TOH and LD tubing.

6. **Plug #3 (8.625" Surface casing shoe, 146' - Surface)**: Perforate 3 squeeze holes at 146'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 60 sxs cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.

7. 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.

# Nickson #5

## Current

Ballard Pictured Cliffs

1100' FNL & 1650' FWL, Section 23, T-26-N, R-8-W, San Juan County, NM

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_ / API 30-045-05768

Today's Date: 4/21/08  
Spud: 8/22/57  
Comp: 9/25/57  
Elevation: 6364' GI  
6372' KB

Ojo Alamo @ 1248' \*est

Kirtland @ 1418' \*est

Fruitland @ 1898' \*est

Pictured Cliffs @ 2143'

12.25" Hole

9.625" 32.3# H-40 Casing set @ 96'  
Cement with 150 sxs, circulated

1.315", 1.8# tubing set at 2278'

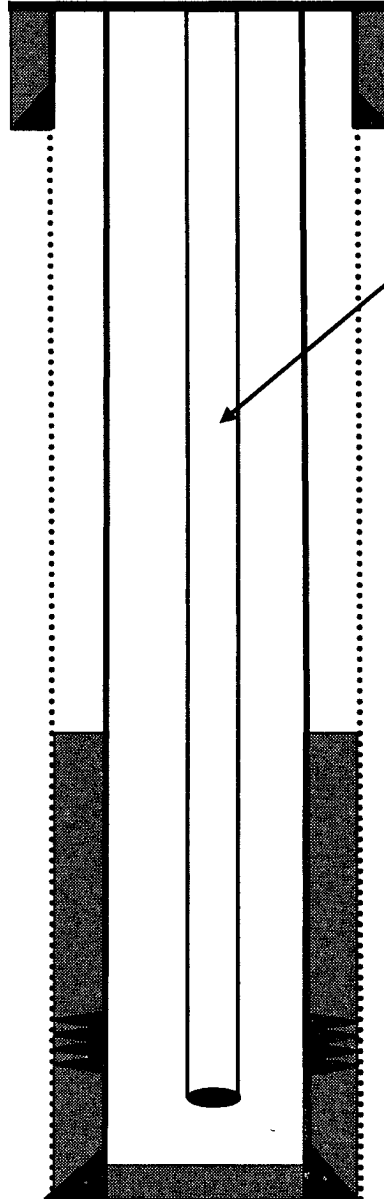
TOC @ 1736' (Calc, 75%)

Pictured Cliffs Perforations:  
2149' - 2270'

5.5" 15.5 J-55 Casing @ 2325'  
Cement with 100 sxs (136 cf)

7.875" Hole

2325' TD



# Nickson #5 Proposed P&A

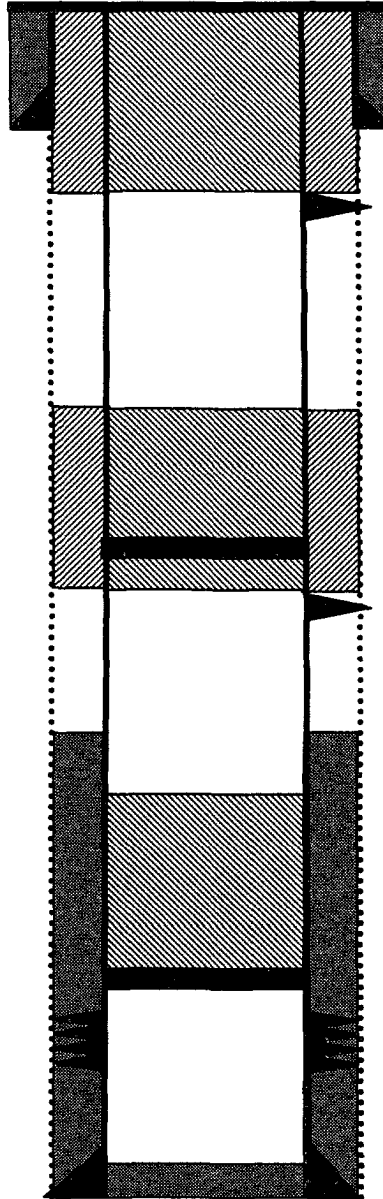
Ballard Pictured Cliffs

1100' FNL & 1650' FWL, Section 23, T-26-N, R-8-W, San Juan County, NM

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_ / API 30-045-05768

Today's Date: 4/21/08  
Spud: 8/22/57  
Comp: 9/25/57  
Elevation: 6364' GI  
6372' KB

12.25" Hole



9.625" 32.3# H-40 Casing set @ 96'  
Cement with 150 sxs, circulated

**Plug #3: 146' – 0'**  
Class G cement, 60 sxs

**Perforate @ 146'**

Ojo Alamo @ 1248' \*est

**Plug #2: 1468' – 1198'**  
Class G cement, 120 sxs  
38 inside and 82 outside

Kirtland @ 1418' \*est

**Cmt Retainer @ 1418'**

**Perforate @ 1468'**

TOC @ 1736' (Calc, 75%)

Fruitland @ 1898' \*est

**Plug #1: 2099' – 1848'**  
Class G cement, 35 sxs

Pictured Cliffs @ 2143'

**Set CR @ 2099'**

Pictured Cliffs Perforations:  
2149' – 2270'

7.875" Hole

5.5" 15.5 J-55 Casing @ 2325'  
Cement with 100 sxs (136 cf)

2325' TD

**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: 5 Nickson

**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) Bring the top of the Pictured Cliffs/Fruitland plug to 1813'.
  - b) Place the Kirtland/Ojo Alamo plug from 1569' – 1351' inside and outside the 5 ½" 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.