

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

RECEIVED

MAY 06 2010

Sundry Notices and Reports on Wells

Bureau of Land Management

- | | |
|---|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
CONOCOPHILLIPS COMPANY</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M

Surf: Unit M (SWSW), 990' FSL & 890' FWL, Section 16, T24N, R05W, NMPM</p> | <p>5. Lease Number</p> <p>6. If Indian, All. or Tribe Name
Jicarilla Tribal 36</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Jicarilla BR A 2</p> <p>9. API Well No.

30-039-05446</p> <p>10. Field and Pool

Ballard PC</p> <p>11. County and State
Rio Arriba Co., NM</p> |
|---|---|

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 -

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

ConocoPhillips would like to P&A this wellbore per attached procedures & wellbore schematics.

RCVD MAY 11 '10

OIL CONS. DIV.



H₂S POTENTIAL EXIST

DIST. 3

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

Signed Rhonda Rogers Title Staff Regulatory Technician Date 4/30/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date _____

CONDITION Original Signed: Stephen Mason

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

MAY 10 2010

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

NMOCD

PLUG AND ABANDONMENT PROCEDURE

April 6, 2010

Jicarilla BR A #002

Ballard Pictured Cliffs

990' FSL, 890' FWL, Section 16, T24N, R5W, Rio Arriba County, New Mexico

API 30-039-05446 / Long: 107° 22' 17.004" W / Lat: 36° 18' 28.368" 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 ☒ , Unknown ☐ .
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 1.66" , Length 2338' .
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. Round-trip 5.5" casing scraper or wireline gauge ring to 2230' or as deep as possible.
5. **Plug #1 (Pictured Cliffs interval and Fruitland, Kirtland and Ojo Alamo tops, 2230' – 1678'):** TIH and set 5.5" CR at 2230'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 69 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the PC interval and cover through the Ojo Alamo top. TOH.
6. **Plug #2 (Nacimiento top, ⁴¹²488' – ³¹²388';):** Perforate 3 squeeze holes at ⁴¹²488'. If casing tested then establish rate into squeeze holes. RIH and set CR at ³¹²438'. Establish rate into squeeze holes. Mix and pump 60 sxs Class B cement, squeeze 43 sxs outside casing and leave 17 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
7. **Plug #3 (9.630" Surface casing shoe, 182' - Surface):** Perforate 3 squeeze holes at 182'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 80 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
8. 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.

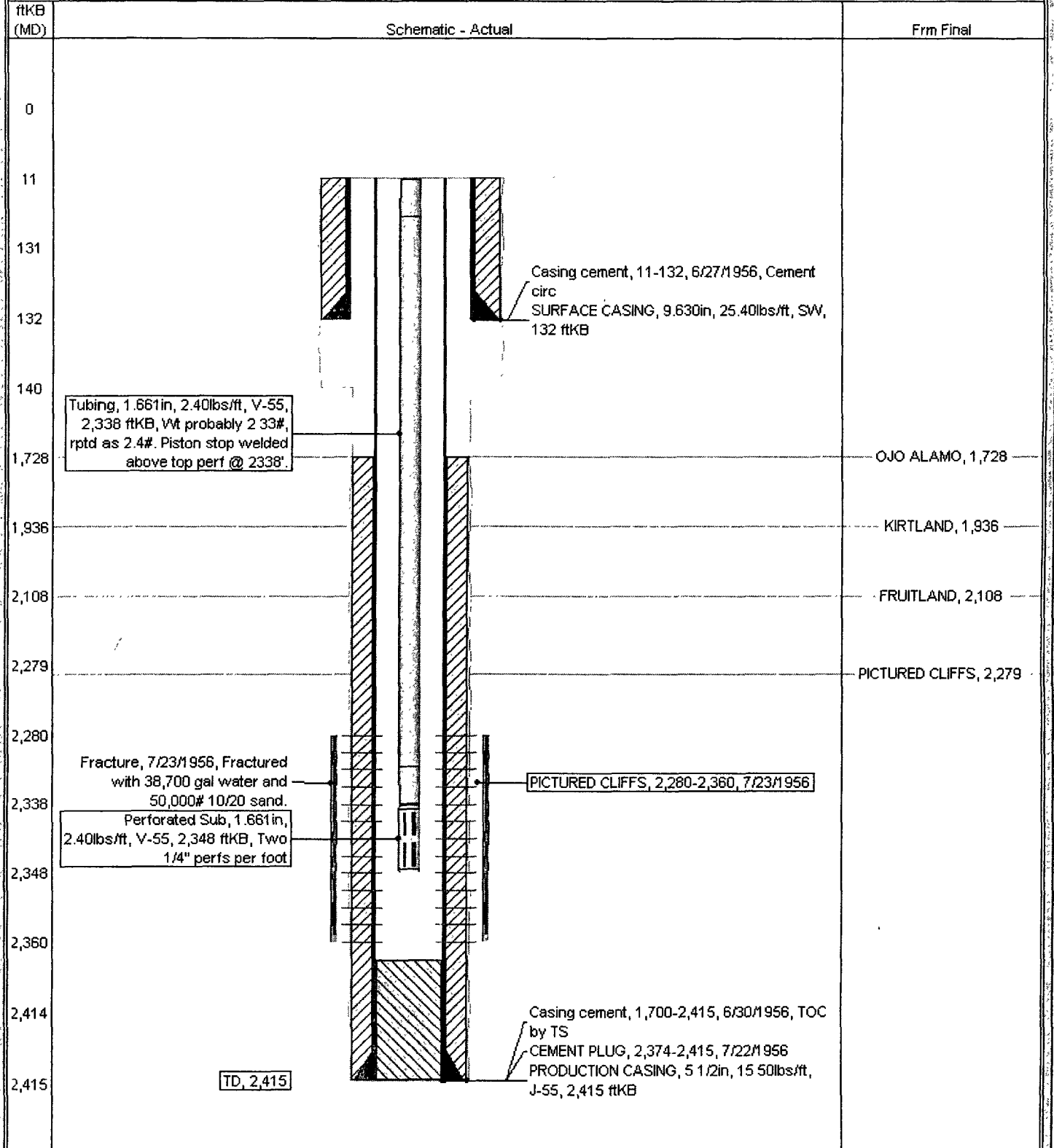
Current Schematic

ConocoPhillips

Well Name: JICARILLA BR A 002

API / UWI	Surface Legal Location	Field Name	License No.	State / Province	Well Configuration Type	Edit
3003905446	NMPM-24N-05W-16-M	PC		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,597.00	6,608.00	11.00	6,608.00	6,608.00		

Well Config: Vertical - Main Hole, 1/25/2010 2:04:41 PM



Jicarilla BR A #002

Current

Ballard Pictured Cliffs

990' FSL & 890' FWL, Section 16, T-24-N, R-5-W, Rio Arriba County, NM

Long: 107° 22' 17.004" W / Lat: 36° 18' 28.368" N / API 30-039-05446

Today's Date: 4/6/10

Spud: 6/26/56

Comp: 7/26/56

Elevation: 6597' GI
6608' KB

12.25" Hole

9,636" 25.4#, Casing set @ 132'
Cement with 100 sxs, circulated to surface

Nacimiento @ 438' *est

1.66", 2.40 # tubing @ 2338'

(2.33# with piston stop welded
at 2338', above top perf)

TOC @ 1700' (T.S.)

Ojo Alamo @ 1728'

Kirtland @ 1936'

Fruitland @ 2108'

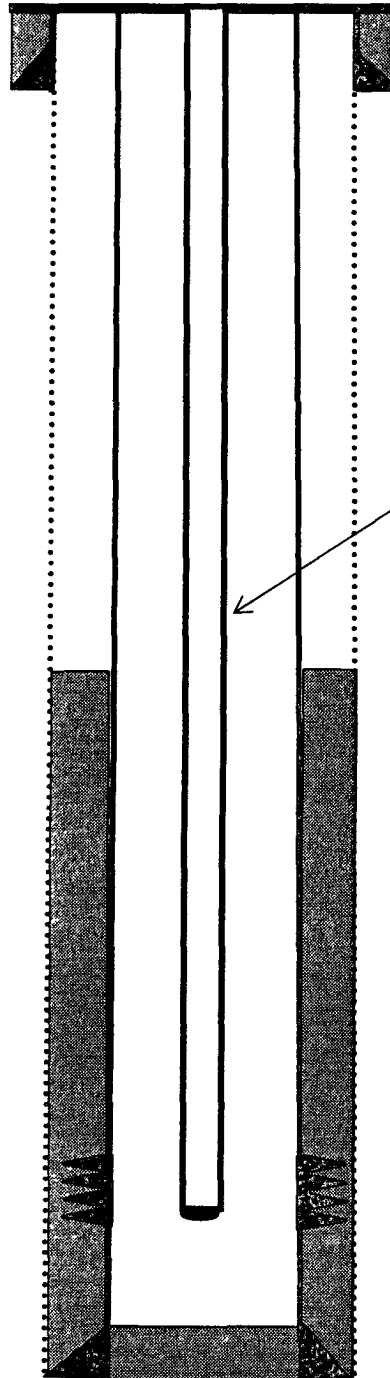
Pictured Cliffs @ 2279'

Pictured Cliffs Perforations:
2280' - 2360'

8.75" Hole

5.5" 15.5#, J-55 Casing @ 2415'
Cement with 150 sxs

2415' TD
2374' COTD



Ballard Pictured Cliffs

Long: 107° 22' 17.004" W / Lat: 36° 18' 28.368" N / API 30-039-05446

2415' TD
2374' COTD

**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: 2 Jicarilla BR A

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 Nacimiento plug from 412' – 312' 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.