

submitted in lieu of Form 3160-5
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 03 2011

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management
Lease Number

1. Type of Well
GAS

6. Jicarilla Contract 104
If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

2. Name of Operator

ConocoPhillips

3. Address & Phone No. of Operator

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

8. Well Name & Number
Jicarilla E 2

9. API Well No.

30-039-06462

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

Unit K (NESW), 1650' FSL & 1650' FWL, Section 15, T26N, R4W, NMPM

10. Field and Pool
Tapacito Pictured Cliffs

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 -

13. Describe Proposed or Completed Operations

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

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD MAY 20 '11
OIL CONS. DIV.

DIST. 3

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

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory Technician

Date 5/4/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title

Date

MAY 10 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 *AV*

ConocoPhillips
JICARILLA E 2
Expense - P&A

Lat 36° 29' 1.716" N

Long 107° 14' 31.164" 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 may 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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact engineer to review complete BH history and get a gas analysis done.**
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, if necessary.
4. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger and tag for fill, adding additional joints as needed.
5. TOOH with tubing (per pertinent data sheet). LD tubing bailer (if applicable).
6. **Run CBL from top of perforations to surface. Call Production Engineer to confirm cement plug depths.**
7. **Plug #1 (Pictured Cliffs formation top & perforations, 3,370' - 3,270')**: RIH and set CR at 3,370'. Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 17 sx Class B cement and spot inside the casing above CR to isolate the Pictured Cliffs formation top and perforations. WOC. Tag cement. Circulate well clean with water. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary.
8. **Plug #2 (Fruitland & Ojo Alamo formation tops, ³²⁷⁰~~3,169~~ - 2,840')**: Mix ⁴⁸~~43~~ sx Class B cement and spot a balanced cement plug inside casing to isolate the Fruitland & Ojo Alamo formation tops. PUH.
9. **Plug #3 (Nacimiento formation top, ^{1676 1576}~~1,735~~ - 1,635')**: Perforate 3 HSC holes at ¹⁶⁷⁶~~1735~~'. Set CR at ¹⁶⁷⁶~~1685~~' and establish injection rate. Mix 60 sx Class B cement. Sqz 43 sx Class B cement into HSC holes and leave 17 sx cement inside casing to isolate the Nacimiento formation top. TOH and LD tubing.
10. **Plug #4 (Surface casing shoe and surface plug, 202' - Surface)**: Perforate 3 HSC holes at 202'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 61 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.
11. 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.

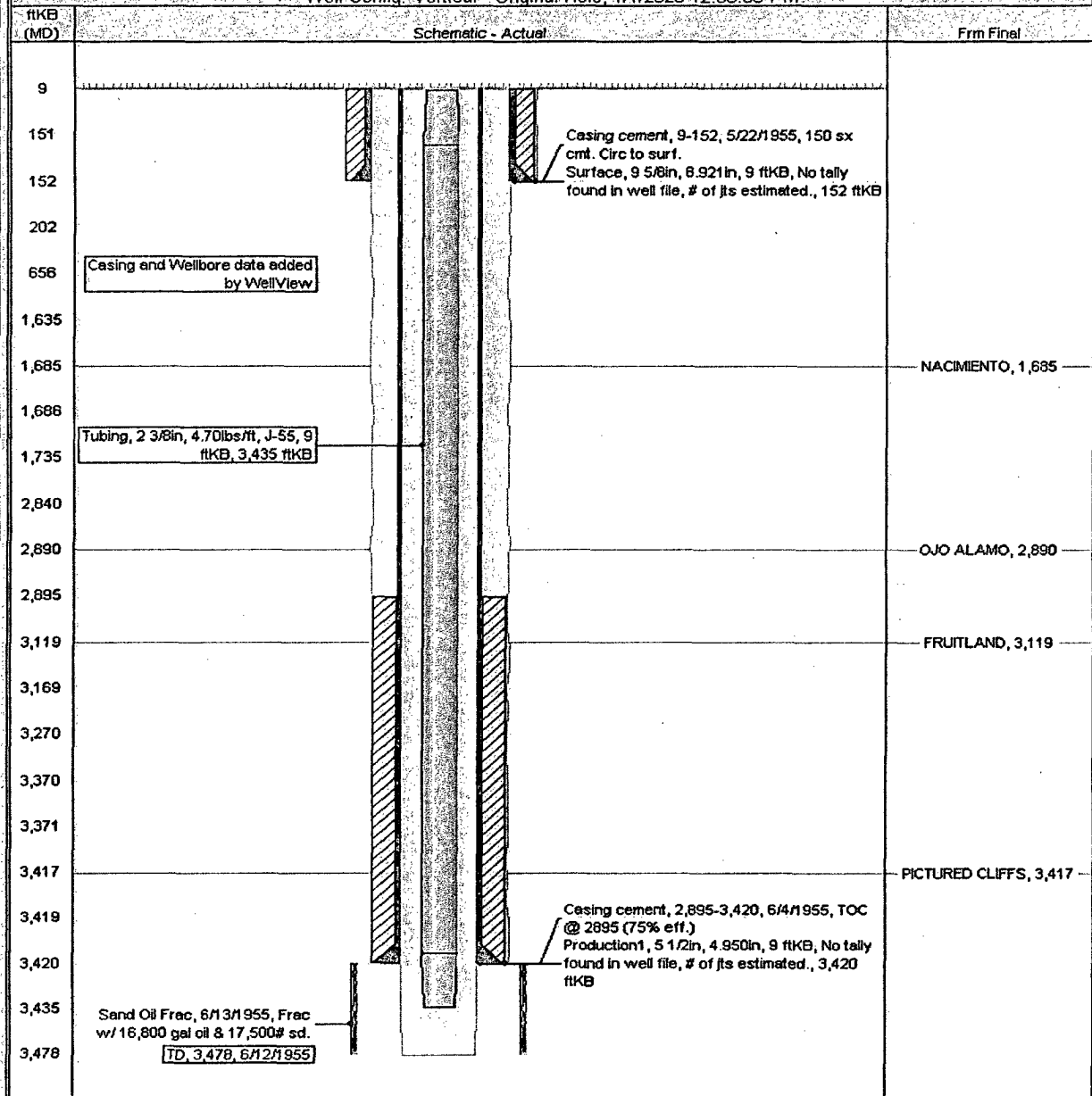
Current Schematic

ConocoPhillips

Well Name: JICARILLA E 002

API / UWI	Surface Legal Location	Field Name	License No.	State / Province	Well Configuration Type	Est
3003906462	NMPM-26N-04VV-15-K	PC		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,768.00	6,777.00	9.00	9.00	9.00		

Well Config: Vertical - Original Hole: 1/1/2020 12:00:00 PM



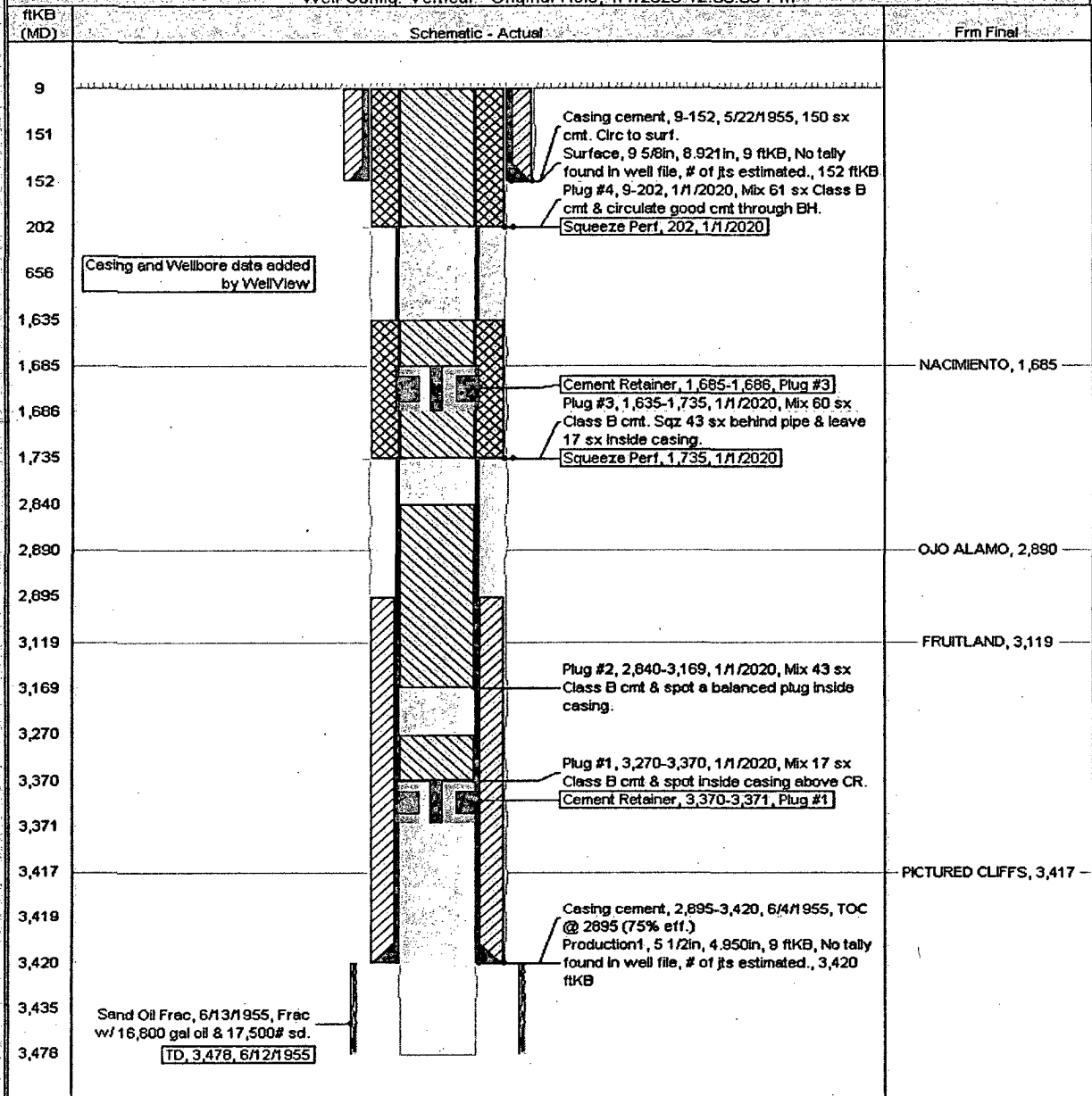
Proposed Schematic

ConocoPhillips

Well Name: JICARILLA E 002

API/UNII 3003906462	Surface Legal Location NMPM-26N-04W-15-K	Field Name PC	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,766.00	Original KB/RT Elevation (ft) 6,777.00	KB-Ground Distance (ft) 9.00	KB-Casing Flange Distance (ft) 9.00	KB-Tiding Hanger Distance (ft) 9.00		

Well Config: Vertical - Original Hole, 1/1/2020 12:00:00 PM



**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 E

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 3270' – 2844' inside and outside the 5 ½" casing where cement is not present in the annulus.
 - b) Place the Nacimiento plug from 1676' – 1576' 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.