

**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

3. **Address & Phone No. of Operator**

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

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit C (NENW), 800' FNL & 2075' FWL, Sec. 22, T26N, R4W NMPM

5. **Lease Number**
#104

6. **If Indian, All. or
Tribe Name**

Jicarilla Apache Cont. #4

7. **Unit Agreement Name**

8. **Well Name & Number**

Jicarilla E #11

9. **API Well No.**

30-039-21110

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 : BH Repair

RCUD NOV 30 '07

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

Conocophillips intends to repair the BH according to the attached procedure

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

Signed Philana Thompson Philana Thompson Title Regulatory Tech Date 11/28/2007

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title _____

Date NOV 28 2007

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



**Jicarilla E#11
CASING REPAIR**

Latitude : N 36° 28' 38", Longitude: W 107° 14' 26"

Prepared by: Soledad Moreno Production Engineering 11/26/2007
Peer reviewed by:

Scope of work: Repair leak in 4 1/2" production casing, perforate squeeze-holes (approximately 1910') & cement-squeeze to repair hole in casing. Drill-out cement. Circulate wellbore clean. Test casing. Complete initial job of lower tubing, clean out casing and change BHA. Return well to production.

Estimated cost: \$80,000

Estimated rig days: 7

Well data

API: 30039211100

Location: 800' FNL & 2075' FWL, Unit C, Section 22, T26N, R004W

PBTD: 3550'

TD: 3575'

Perforations: 3464'-3494' (Picture Cliffs).

Well history: The well was spud in 1975. Slickline job on 3/8/07 could not get below the bottom of the perforated joint, no record of a plug on the bottom. Rig moved on well Nov 2007 and the initial intent was to lower the tubing, clean out the casing and change the BHA. Well was loaded with water and a hole was found in the 4 1/2" casing between 1844' and 1875'.

B2 adapters are required on all wells other than pumping wells.

Artificial lift on well: None

Estimated reservoir pressure: 500 psi

Current rate: 0 mcf/d

Estimated post-remedial rate: 64 mcf/d

Earthen pit required: Yes

BAE production engineer: Soledad Moreno, Office: 505-324-5104, Cell: 505-320-8529

BAE backup engineer: Jim Arroyo, Office: 505-599-3477, Cell: 505-320-2568
Dryonis Pertuso, Office: 505-599-3409, Cell: 505-320-6568

MSO: Augustine Gomez, Cell: 505-320-1464, Pager 505-324-7074

Lead: Matt Crane, Office: 505-324-5138, Cell: 505-320-1400

Area foreman: Terry Bowker, Office: 505-599-3448, Cell: 505-320-2600, Pager: 505-949-0367



**Jicarilla E#11
CASING REPAIR**

Latitude : N 36° 28' 38", Longitude: W 107° 14' 26"

PBTD: 5595'

KB: 10'

Project Scope: Repair leak in Intermediate. Behind the 5 1/2" production string, perforate squeeze-holes (approximately 4010') & cement-squeeze to repair bradenhead. Drill-out cement. Circulate wellbore clean. Test casing. Return well to production.

Procedure

1. Hold safety meeting. Comply with all NMOCD, BLM and ConocoPhillips safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. CIBP is already set @ 3414'- 3417' (Top of perforation at 3464'). Hole was isolated (between @ 1844'-1875')
3. NU wireline. Perforate 2 squeeze hole at +/-1925' (aprox 50' below actual hole in casing). RDMO wireline.
4. Ensure 4 1/2" x 8 5/8" annulus is open to pit. Establish circulation rate. Notify Superintendent and Production Engineer if well does not circulate and wait on orders.
5. MIRU cementers. Ensure 4 1/2" x 8 5/8" annulus is open to pit. Tag pre-flush water w/ dye to ensure it is distinguishable from water flowing from bradenhead. Establish circulation rate.
6. Pump 585 sx, Class A cement (Theoretic volume between 4 1/2" and 8 5/8" : 123 bbls or 692 ft³) with no excess taken into account. Max pump pressure will be 1500 psi (depending on the pressure the Intermediate casing holds) or maximum allowable wellhead pressure, whichever is less. Monitor rate and pressure. Sting out of CR and circulate tubing clean. RDMO cementers. WOC.
7. Check intermediate pressure. If water flow and pressure is eliminated, continue per procedure. If pressure is present or water flow is continued, contact Superintendent and Production Engineer.
8. Release packer and TOOH.
9. PU proper bit and drill out excess cement left in casing. TOOH.
10. Perform a charted pressure test on squeeze hole to 500 psi for 30 minutes. Call Superintendent and Production Engineer if pressure test fails.
11. PU proper bit, drill out CIBP and clean out to PBTD @ 3550'. TOOH with tubing and bit.
12. TIH with tubing (detail below). Broach and drift tubing while TIH. Land tubing at 3480' +/-.



Jicarilla E#11
CASING REPAIR

Latitude : N 36° 28' 38", Longitude: W 107° 14' 26"

1 – Mule shoe w/Exp Check
1 – 1-1/2" by 1.43" ID "F" nipple
1 jt 1-1/2" 2.9# J-55 EUE
1 jt 1-1/2" by 2' pup jt., if available
+/-109 jts – 1 -1/2" 2.76# J-55 EUE Tubing
Pup joints as needed to surface.

13. Run in with shear tool and set standing valve, pressure test tubing to 1000#. Retrieve standing valve.
14. ND BOP, NU wellhead. Notify lease operator that well is ready to be returned to production. RDMO.

CURRENT SCHEMATIC

ConocoPhillips

JICARILLA E 011

District	Field Name	API / UWI	County	State/Province	Edit
Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref

Well Config Vertical - Main Hole, 3/27/2007 10:56 30 AM

ftKB
(MD)

Schematic Actual

