

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

SEP 07 2007

Bureau of Land Management  
Farmington Field Office

1. Type of Well  
GAS

2. Name of Operator  
CDX RIO, LLC

3. Address & Phone No. of Operator

2010 Afton Place, Farmington, New Mexico 87401 (505) 326-3003

4. Location of Well, Footage, Sec., T, R, M  
790'FSL, 940'FWL, Sec.31, T-26-N, R-5-W, NMPM

5. Lease Number  
Jicarilla Contract 155  
6. If Indian, All. or  
Tribe Name  
Jicarilla Apache  
7. Unit Agreement Name

8. Well Name & Number

Jicarilla 155 #24

9. API Well No.

30-039-20570

10. Field and Pool

Otero Chacra/Blanco Mesaverde  
County and State

Rio Arriba 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging <input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other

13. Describe Proposed or Completed Operations

It is intended to repair the casing in the subject well according to the attached procedure and well bore diagram.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RCVD SEP 11 '07  
OIL CONS. DIV.  
DIST. 3

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

Signed Nancy Oltmanns Title Agent Date 9-6-07

(This space for Federal or State Office use)

APPROVED BY Wayne Townsend Title Pct. Eng. Date 9-7-07  
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

## CASING REPAIR PROCEDURE

August 28, 2007

### Jicarilla 155 #24

Blanco Mesaverde / Otero Chacra  
790' FSL, 940' FWL, Section 31, T26N, R5W  
Rio Arriba County, New Mexico, API 30-039-20570

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 ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and CDX safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. MIRU. Record tubing, casing and bradenhead pressures. Kill well with 2% KCl water if necessary. ND wellhead. NU BOP
3. PU on tubing and release packer. TOH with 4920' of 2.062" tubing and LD packer. Visually inspect tubing. If necessary LD tubing and PU workstring.
4. RIH with casing scraper for 5.5" casing to PBTD 5141' or as deep as possible. TOH.
5. Set CIBP at 3446' (approx 50' above top of Chacra perforations ). TIH with tubing and load casing. Pressure test casing to 500 PSI for 30 minutes. If casing holds pressure, then TOH with CIBP. Run cement bond log and contact CDX engineer.
6. If casing does not hold pressure, PU and TIH with packer and isolate casing leak.
7. Once leak has been isolated, contact engineer. **Note: Notify NMOCD and BLM prior to squeeze work.** Set packer approximately 200' above hole. Establish injection rate and begin squeezing cement with maximum pressure of 1000 PSI. WOC.
8. PU and TIH with a bit for 5.5" casing on 2.375" tubing and drill out cement. TOH.
9. Pressure test casing from CIBP to surface, 500 PSI for 30 minutes and record on a 2 hour chart. **Note: Notify NMOCD and BLM prior to charted pressure test.**
10. TIH with mill for 5.5" casing. Mill out CIBP.
11. Clean out fill to PBTD 5141'. Land tubing as instructed by CDX engineer.

# Jicarilla 155 #24

## Current

Blanco Mesaverde / Otero Chacra

790' FSL, 940' FWL, Section 31, T-26-N, R-5-W  
Rio Arriba County, NM, API #30-039-20570

Today's Date: 8/28/07

Spud: 12/21/72

Completed: 2/20/73

Elevation: 6403' GL  
6415' KB

12.25" hole

Nacimiento @ 753' \*est

Ojo Alamo @ 1990' \*est

Kirtland @ 2222' \*est

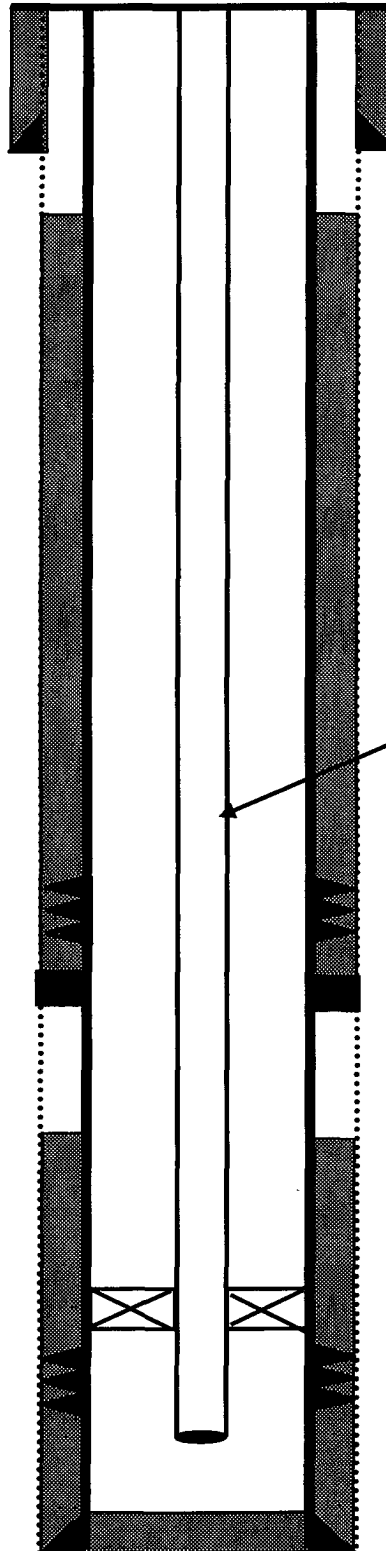
Fruitland @ 2369' \*est

Pictured Cliffs @ 2630'

Chacra @ 3494'

Mesaverde @ 4272'

7.875" hole



8.625" 23#, X42 Casing set @ 419'  
Cement with 350 sxs, circulated

TOC unknown, calculated to  
surface, cement did not  
circulate per Sundry reports.

### Well History:

Aug '00: Pulled and LD 1.25" tubnig and 2.062" tubing;  
LD 8 jts. TIH with 2.062" tubing without seal assembly.  
LD tubing at 4920'. Well downhole commingled.

2.062" tubing set at @ 4920'  
(3.25# J-55, SN @ 4883')

Chacra Perforations:  
3496' - 3512'

DV Tool at 3698'  
Cement with 650 sxs (898 cf)

TOC @ 3714' (Calc, 75%)

Model D packer at 4733'

Mesaverde Perforations:  
4828' - 4958'

5.5" 14#, K-55 Casing set @ 5180'  
Cement with 250 sxs (338 cf)

TD 5180'  
PBD 5141'

## **BLM CONDITIONS OF APPROVAL**

### ***WORKOVER AND RECOMPLETION OPERATIONS:***

A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.

### ***SURFACE USE OPERATIONS:***

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

***STANDARD STIPULATIONS:*** All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

### ***SPECIAL STIPULATIONS:***

1. Pits will be fenced during work-over operation.
2. All disturbance will be kept on existing pad.
3. All pits will be pulled and closed immediately upon completion of the work-over activities.
4. Pits will be lined with an impervious material at least 12 mils thick.