

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137

Expires December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐

2 NAME OF OPERATOR  
CDX RIO, LLC

3 ADDRESS AND TELEPHONE NO.  
2010 Afton Place, Farmington, New Mexico 87401 (505) 326-3003

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 605'FNL, 1900' FWL

At top prod. interval reported below

At total depth NSL-5378, DHC-2249az

5 LEASE DESIGNATION AND SERIAL NO

Jicarilla Contract 100

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO.

Jicarilla A #6F

9 API WELL NO

30-039-29644

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde/Basin Dakota

11 SEC. T, R, M, OR BLOCK AND SURVEY OR AREA

Sec. 20, T-26-N, R-5-W

14. PERMIT NO. DATE ISSUED  
12 COUNTY OR PARISH Rio Arriba  
13 STATE New Mexico

15 DATE SPUDDED 8-3-06  
16 DATE T D REACHED 9-9-06  
17. DATE COMPL. (Ready to prod.) 7-23-07  
18 ELEVATIONS (DF, RKB, RT, BR, ETC) 6608' GR, 6620' KB  
19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD 7495'  
21 PLUG, BACK T D, MD & TVD 7467'  
22 IF MULTIPLE COMPL. HOW MANY 2  
23 INTERVALS DRILLED BY  
ROTARY TOOLS 0-7495'  
CABLE TOOLS

24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
5180-5386' Mesaverde Commingled w/Dakota  
25 WAS DIRECTIONAL SURVEY MADE

26 TYPE ELECTRIC AND OTHER LOGS RUN  
CBL-CCL-GR  
27 WAS WELL CORED No

28 CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36# K-55	309'	12 1/4"	333 cu.ft.	
7"	26# N-80	3413'	8 3/4"	914 cu.ft.	

29 LINER RECORD				30 TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4 1/2"	2976'	7494'	885 cu.ft.		2 3/8"	7328'
					(SN @ 7327')	

31 PERFORATION RECORD (Interval, size and number)		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
w/1 SPF @ 5180-5186', 5270-5274', 5282-5292', 5299-5301', 5304-5308', 5326-5346', 5360-5362', 5380-5386' w/48 0.38" diameter holes total		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		5180-5386'	1859 bbl 20# x-link gel, 186,000# 20/40 Ottawa sd

33. PRODUCTION							
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)		WELL STATUS (Producing or shut-in)	
				Flowing		SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
8-8-07	1	2"		1.25 BO	285 MCF	0.2 BPWD	
FLOW, TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR)	
SI 590	SI 1225		30 BOPD	684 MCF/D	4.8 BWPD		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold  
TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Nancy Oltmanns TITLE Agent DATE 8-9-07

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

RCUD AUG 14 '07  
OIL CONS. DIV.  
DIST 3  
AUG 13 2007  
FARMINGTON FIELD OFFICE

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## I. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

## GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2282'	2653'	White, cr-gr ss.	Ojo Alamo	2282'	
Kirtland	2653'	2890'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2653'	
Fruitland	2890'	3065'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2890'	
Pictured Cliffs	3065'	3153'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3065'	
Lewis	3153'	3528'	Shale w/siltstone stringers	Lewis	3153'	
Huerfanito Bentonite*	3528'	3970'	White, waxy chalky bentonite	Huerfanito Bent.	3528'	
Chacra	3970'	4730'	Gry fn grn silty, glauconitic sd stone	Chacra	3970'	
			w/drak gry shale	Cliff House	4730'	
Cliff House	4730'	4801'	ss: Gry, fine-grn, dense sil ss.	Menefee	4801'	
Menefee	4801'	5233'	Med-dark gry, fine gr ss, carb sh & coal	Pt. Lookout	5233'	
				Mancos	5459'	
Point Lookout	5233'	5459'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	6451'	
				Greenhorn	7215'	
Mancos	5459'	6451'	Dark gry carb sh.	Graneros	7275'	
Gallup	6451'	7215'	silts & very fine gr gry ss w/irreg. interbed sh	Dakota	7299'	
Greenhorn	7215'	7275'	Highly calc gry sh w/thin lmst.			
Graneros	7275'	7299'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7299'	7469'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)