

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 ☐ 2005 AUG 11 AM 11 17

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐ RECEIVED

070 FARMINGTON NM

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 2335'FNL, 2635'FEL

At top prod. interval reported below

DHC-1604az

At total depth

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH
Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

5-10-05

16. DATE T.D. REACHED

6-1-05

17. DATE COMPL. (Ready to prod.)

7-28-05

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*

7232' GR, 7246' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8265'

21. PLUG, BACK T.D., MD & TVD

8220'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-8265'

CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

8094-8252 Dakota

Commingled w/Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL-CNL, IND-GR, 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#	682'	12 1/4"	708 cu.ft.	
7"	26#	4200'	8 3/4"	849 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3944'	8259'	725 cu.ft.		2 3/8"	8094'	
						(SN @ 8093')	

31. PERFORATION RECORD (Interval, size and number)

8094-8100', 8187-8191', 8194-8201',
8226-8228', 8232-8234', 8248-8252' w/2 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8094-8252'	1070 bbl frac fluid, 60,740# 20/40 LC 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
7-27-05	2	32		0	265 MCF/D	4.4	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
SI 838	SI 645		0	265 MCF/D	4.4 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 8-9-05 AUG 16 2005

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

FARMINGTON FIELD OFFICE

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.

NMOCD

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 36.

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.)

Ojo Alamo	3205'	3418'	White, cr-gr ss.			
Kirtland	3418'	3680'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3680'	3830'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland	3205' 3418'	
Pictured Cliffs	3830'	4303'	Bn-Gry, fine grn, tight ss.	Fruitland Pictured Cliffs Huerfanito Bent. Chacra	3680' 3830' 4303' 4766'	
Huerfanito Bentonite*	4303'	4766'	White, waxy chalky bentonite			
Chacra	4766'	5500'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Cliff House Menefee	5500' 5612'	
Cliff House	5500'	5612'	ss. Gry, fine-grn, dense sil ss.	Pt. Lookout Mancos	6052' 6234'	
Menefee	5612'	6052'	Med-dark gry, fine gr ss, carb sh & coal	Gallup Greenhorn	7230' 7976'	
Point Lookout	6052'	6234'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation			
Mancos	6234'	7230'	Dark gry carb sh.	Graneros Dakota	8038' 8092'	
Gallup	7230'	7976'	silts & very fine gr gry ss w/irreg. interbed sh			
Greenhorn	7976'	8038'	Highly calc gry sh w/thin lmst.			
Graneros	8038'	8092'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	8092'	8265'	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)