

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

070 Farmington, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

2003 APR 24 AM 9:21

APR 2003

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other

2. Name of Operator
CDX Rockies, LLC

3. Address 679 East 2nd Ave, Ste, 3, Durango, CO 81301 3a. Phone No. (include area code) 970-247-4126

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 825' FNL, 772' FWL

At top prod. interval reported below
see directional survey attached

At total depth

14. Date Spudded 10/11/02 15. Date T.D. Reached 10/17/02 16. Date Completed
☐ D & A ☒ Ready to Prod.
awaiting prod equip & pipeline

18. Total Depth: MD 3160' TVD 3160' 19. Plug Back T.D.: MD NA TVD NA 20. Depth Bridge Plug Set: MD NA TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated neutron, cement bond, gamma ray, mud, induction

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8"	36# J55	surface	321'		175 sks type III	37	surface	NA
8 3/4"	7"	20# K55	surface	3150'	2696'	70 sks type II	17	DV Tool	
8 3/4"	7"	20# K55	surface	3150'	2696'	265 sks	70	surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	2998'	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) See Geologic Report Attached			OH 2991-3008			
B)			Horizontally drilled			
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
NA	

ACCEPTED FOR RECORD

APR 28 2003

FARMINGTON FIELD OFFICE

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	4/26	28	→	0	100	0			awaiting productin equipment
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	390	390	→	0	100	0		SE	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

OPERATOR

3b. Production - Interval C									
Rate First reduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Flow Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

3c. Production - Interval D									
Rate First reduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Flow Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

1. Disposition of Gas (Sold, used for fuel, vented, etc.)

1. Summary of Porous Zones (Include Aquifers):
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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Geologic Report Attached herewith					

2. Additional remarks (include plugging procedure):

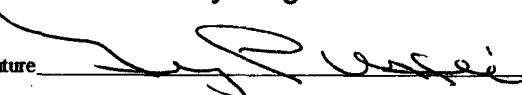
Open hole cavity; 6' diameter from 2991' to 3008'

3. Circle enclosed attachments:
1. Electrical/Mechanical Logs (1 full set req'd.)
☒ Sundry Notice for plugging and cement verification
- ☒ Geologic Report
6. Core Analysis
3. DST Report
7. Other:
- ☒ Directional Survey

4.I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Trudy Pingree

Title Assistant Land Manager

Signature 

Date April 23, 2003

Under the 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CDX Rockies, LLC

Well Geologic Report
Vertical drill Hole (Production Well)

Fruitland Formation, San Juan Basin

Location & Surface Data

State: New Mexico
Location: Sec 29, T29N-R8W
Ftge 825' FNL, 772' FWL

County: San Juan

Well Name: BW Federal 29-29-8

Well No. 101

Elev: GL 6,466

KB 6,478
Difference in G.L. and KB 12

Geologic Data

Primary Objective: Fruitland Formation
Surface Fm: Quaternary Gravels
TD (ft) 3,160
Prod Fm: Fruitland Formation
Other:
Diff. in Depth from 15 deg. NA

Bed Dip 1.35%

GL
6466

Formation Tops	Depth (ft)	Sub-Sea
	Ground Level Datum	Ground Level Datum
Surface Gravel	0	6466
San Jose Fm	10	6456
Nacimiento Fm	811	5655
Ojo Alamo Fm	2061	4405
Kirtland Fm	2268	4198
Fruitland Fm	2812	3654
Core Point	2923	3543
"B" Coal Seam	2921	3545
Core Point	3000	3466
"A" Coal Seam	2991	3475
Pictured Cliffs Sandstone	3017	3449
TD	3164	3302

Comments

Core Intervals and/or Ftgs

	Depth (ft)	Sub-Sea
	Ground Level Datum	Ground Level Datum
"B" Coal Seam	2923-2951	3543-3515
"A" Coal seam	3000-3028	3466-3438

Comments

Test Intervals & Depths no DST

Completion Intervals

Comments

See drilling and completion program
for details.

Notes