

submitted in lieu of Form 3160-5

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
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
660'FSL, 2100'FWL, Sec.24, T-26-N, R-5-W, NMPM

NSL-5291, DHC-2130az

5. Lease Number
Jicarilla Contract 108
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

8. Well Name & Number

Jicarilla C #4F
9. API Well No.

30-039-29590

10. Field and Pool

Blanco MV/Basin DK
11. 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
☐ Notice of Intent	☐ Abandonment ☐ Change of Plans
☒ Subsequent Report	☐ Recompletion ☐ New Construction
☐ Final Abandonment	☐ Plugging ☐ Non-Routine Fracturing
	☐ Casing Repair ☐ Water Shut off
	☐ Altering Casing ☐ Conversion to Injection
	☒ Other

13. Describe Proposed or Completed Operations

4-7-06 MIRU. SD for weekend.
4-10-06 ND WH. NU BOP. TIH w/3 7/8" bit to top of lnr @ 3233'. SDON.
4-11-06 Circ hole clean. Tag TOC @ 5114'. Drill cmt @ 5114-5177'. Circ hole clean. Drill out stage tool @ 5187'. Circ hole clean. TIH to TOC @ 7424'. Drill cmt from 7424' to new PBTD @ 7546'. Circ hole clean. SDON.
4-12-06 Circ hole clean. TOOH. TIH, ran CBL-CCL-GR @ 0-3233', TOC @ 68'. TOOH. TIH, ran GSL @ 3233-7539'. TOOH. SDON. (Notify Cole Thomas, BLM about sqz work).
4-13-06 TIH, perf 2 sqz holes @ 3700' & 2 sqz holes @ 3350'. TOOH. TIH w/4 1/2" cmt retainer, set @ 3660'. Circ hole clean. Establish injection down tbg & out csg. Pump 50 sx 50/50 poz w/2% gel, 6 pps Phenoseal (69 cu.ft.). TOOH. Reverse circ 0.5 bbl cmt to surface. Pressure up csg to 1200 psi. WOC. (Cole Thomas w/BLM on location for squeeze). SD for long weekend.
4-17-06 TIH w/6 1/8" bit to TOC @ 3213'. Drill cmt @ 3213' to top of lnr @ 3233'. Circ hole clean. TOOH. TIH w/3 7/8" bit to top of lnr @ 3233'. Drill cmt @ 3233-3466'. Circ hole clean. SDON.

Continued on back

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

Signed Nancy Olthmann Title Agent Date 8-29-06

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

SEP 01 2006

FARMINGTON FIELD OFFICE

NMOCB

- 4-18-06 Drill cmt @ 3466-3468'. Circ hole clean to 3499'. TIH, tag cmt retainer @ 3660'. Circ hole clean. TOOH. Circ hole clean w/3 bbl wtr. TIH w/7" pkr, set @ 1315'. PT csg to 500 psi, OK. PT lnr top & sqz holes @ 3350', failed. TIH, reset pkr @ 2556'. PT csg to 1000 psi, failed. PT csg & stage tool again to 1600 psi, failed. TOOH w/pkr. TIH w/4 1/2" pkr, set @ 3274'. PT sqz holes @ 3350' to 2000 psi, bled down to 800 psi/10 min. Holding @ 800 psi after 15 min. SDON.
- 4-19-06 TOOH w/4 1/2" pkr. TIH w/7" pkr, set @ 3372'. SDON.
- 4-20-06 Load hole w/2% KCL wtr. Pump 25 sx Class "G" cmt w/0.3% Halad-9, 0.2% CFR (30 cu.ft.) inside csg @ 3308-3373'. TOOH. Reverse circ out 0.5 bbl cmt to surface. Reset pkr @ 2882'. Pressure up tbq to sqz off sqz hole @ 3350'. Pumped 1.5 bbl cmt into formation. WOC. Reset pkr @ 2425'. Establish injection into stage tool @ 2546'. Pump 75 sx Class "G" cmt w/0.3% Halad-9, 0.2% CFR (89 cu.ft.) across DV tool @ 2546'. TOOH. Reverse circ cmt colored wtr to surface. Reset pkr @ 1773'. Pressure up on tbq. Pump 2 bbl cmt into stage tool. WOC. SDON. (Cole Thomas w/BLM on location for squeeze).
- 4-21-06 TOOH w/pkr. TIH w/6 1/8" bit to TOC @ 2257'. Drill cmt @ 2257-2424'. Circ hole clean. SD for weekend.
- 4-24-06 Drill cmt @ 2424-2554'. PT stage tool @ 2546 to 2000 psi/15 min, OK. Drill cmt @ 2554-2577'. Circ hole clean to 2587'. Circ hole clean. PT csg @ 2587' to 2000 psi/15 min, OK. Drill cmt stringers @ 2587-2620'. Circ hole clean. TIH, tag TOC @ 3207'. Drill cmt from 3207' to lnr top @ 3233'. Circ hole clean. PT lnr top to 2000 psi/15 min, OK. TOOH. SDON.
- 4-26-06 TIH w/3 7/8" bit. Drill cmt @ 3233-3660'. PT csg to 2000 psi/30 min, OK. Drilling on cmt retainer @ 3660'. Circ hole clean. SDON.
- 4-27-06 Drill out cmt retainer @ 3660'. Drill cmt to 3720'. Circ hole clean. PT csg to 2000 psi/15 min, OK. TIH, tag up @ 7540'. Circ hole clean. TOOH. SDON.
- 4-28-06 TIH, ran CBL @ 3233-3900', 2500-2600', 7" stage tool @ 2546', good bond over 7" stage tool & 2500-2600'. TOOH. TIH w/7" pkr, set @ 1316'. PT csg to 5000 psi, failed. Reset pkr @ 2621'. PT csg @ 2621-7546' to 2600 psi, failed. TOOH w/7" pkr. TIH w/4 1/2" pkr, set @ 3405'. PT lower sqz holes @ 3700' to 2600 psi, OK. PT csg @ 0-3405' to 2000 psi, OK. TOOH w/pkr. (Notify Cole Thomas, BLM about sqz work). SDON.
- 4-29-06 TIH w/4 1/2" cmt retainer, set @ 3624'. PT csg to 500 psi, OK. Establish injection down tbq. Pump 25 sx Class "G" cmt w/0.3% Halad-9, 0.2% CFR (30 cu.ft.). Displace w/12.5 bbl wtr. Pressured up to 3100 psi. Reverse circ 1.5 bbl cmt to surface. Pump 2.5 bbl cmt into formation. TOOH. WOC. TIH, ran CBL-CCL-GR @ 2500-3800', TOC @ 2500'. TIH w/7" pkr, set @ 106'. PT csg to 5000 psi @ 106-3624', for 10 min, OK. TOOH. SD for weekend. (Cole Thomas w/BLM on location for squeeze).
- 5-1-06 TIH w/3 7/8" bit to TOC @ 3623'. Drill cmt retainer @ 3624'. Drill cmt @ 3625-3760'. PT csg to 2000 psi, OK. TIH, tag up @ 7541'. Circ hole clean. PT csg to 2000 psi/15 min, OK. SDON.
- 5-2-06 TOOH. TIH w/7" pkr, set @ 125'. PT csg to 500 psi/15 min, OK. TOOH w/pkr. Circ hole clean w/180 bbl 2% KCl wtr. TOOH. ND BOP. NU WH. RD. Rig released.
- 7-22-06 MIRU. Perf Dakota @ 7321-7527'. Frac Dakota w/2117 bbl 20# x-link gel, 168,000# 20/40 resin coated sd. SDON.
- 7-24-06 TIH w/CIBP, set @ 5490'. TOOH. TIH, perf Point Lookout @ 5083-5377'. Frac Point Lookout w/1785 bbl 20# x-link gel, 185,000# 16/30 Brady sd. SDON.
- 7-25-06 TIH w/CIBP, set @ 4950'. PT CIBP to 2000 psi, OK. TOOH. TIH, perf Cliff House @ 4812-4848'. Frac Cliff House w/643 bbl 20# x-link gel, 62,260# 16/30 Brady sd. SDON.
- 7-26-06 TIH w/3 7/8" mill to 3170'. Circ hole clean. SDON.
- 7-27/28-06 Circ hole clean. SD for weekend.
- 7-31-06 TIH, tag up @ 4930'. Circ hole clean to CIBP @ 4950'. Mill out CIBP @ 4950'. TIH, circ hole clean. SDON.
- 8-1-06 Circ hole clean. Mill out CIBP @ 5490'. Circ hole clean. TIH, tag metal @ 6860'. Circ hole clean. SDON.
- 8-2-06 Work string & BH assembly stuck @ 6893'. SD for rig repair. TOOH. TIH, chemical cut tbq @ 3771'. TOOH w/54 jts 2 3/8" tbq. SDON.
- 8-3-06 TIH w/fishing tools. Fishing. SDON.
- 8-4-06 TIH, blow well & CO. SD for weekend.
- 8-7/8-06 Fishing. SDON.
- 8-9-06 Fishing. Attempt to get into lnr top. TOOH w/fishing tools. SDON.
- 8-10-06 TIH w/3 7/8" mill, mill through lnr top @ 3233'. TIH, circ hole clean. TOOH w/mill. TIH w/fishing tools to lnr top. TIH, circ hole clean. Suspect there has been a down hole fire. SDON.
- 8-11-06 Circ hole clean. TIH w/fishing tools to top of fish @ 6751'. Fishing. SDON.
- 8-12-06 SD for rig repairs. TOOH w/fishing tools. SD for weekend.
- 8-14-06 TIH w/fishing tools. Circ hole clean. SD for weather.
- 8-15-06 Fishing. Circ hole clean. SDON.
- 8-16-06 Circ hole clean. SDON.
- 8-17/18-06 Circ hole clean. Fishing. SD for weekend.
- 8-21-06 TOOH w/fishing tools. Top of fish @ 6751'. TIH w/158 jts 2 3/8" 4.7# J-55 EUE tbq, landed @ 5116'. (SN @ 5115'). ND BOP. NU WH. RD. Rig released.

Well will produce as a Mesaverde single completion instead of a Mesaverde/Dakota as originally permitted.