

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

RCVD DEC22'06
OIL CONS. DIV.
DIST. 3

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 102	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR CDX RIO, LLC		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 2010 Afton Place, Farmington, New Mexico 87401 (505) 326-3003		8. FARM OR LEASE NAME, WELL NO. Jicarilla 102 #10N	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2100'FSL, 665'FWL, At top prod. interval reported below At total depth DHC-2360az		9. API WELL NO. 30-039-29772	
14. PERMIT NO.		12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPURRED 9-14-06	16. DATE T.D. REACHED 9-26-06	17. DATE COMPL. (Ready to prod.) 12-13-06	18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 7187' GR, 7199' KB
20. TOTAL DEPTH, MD & TVD 8338'	21. PLUG, BACK T.D., MD & TVD 8338'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-8338'
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 6117-6173' Mesaverde Commingled w/Dakota			25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN GSL, CBL-CCL-GH			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
9 5/8"	36#	312'	12 1/4"
7"	26#	4313'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	4079'	8338'	537 cu.ft.
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	8210'	(SN @ 8208')	
31. PERFORATION RECORD (Interval, size and number) 6117, 6118, 6124, 6125, 6147, 6148, 6149, 6150, 6171, 6172, 6173' w/21 0.34" diameter holes total		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6117-6173' AMOUNT AND KIND OF MATERIAL USED 55,000 gal 20# x-link gel, 97,000# 20/40 brown sd, 17,000# 20/40 tempered LC sd	
33. PRODUCTION			
DATE FIRST PRODUCTION 12/18/06	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12/18/06	HOURS TESTED 1	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO
FLOW. TUBING PRESS. SI 600	CASING PRESSURE SI 937	CALCULATED 24-HOUR RATE OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR.)	
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 Oltsmann TITLE Agent DATE 12-19-06

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

DEC 22 2006

FARMINGTON FIELD OFFICE

NMCCD 2

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 28, 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 38. 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: "Seals 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.)

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Cliff House	5611'	5727'	ss. Gry, fine-grn, dense sil ss.	Cliff House	5611'	
Menefee	5727'	6081'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5727'	
Point Lookout	6081'	6263'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	6081'	
Mancos	6263'	7300'	Dark gry carb sh.	Mancos	6263'	
Gallup	7300'	8034'	silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7300'	
Greenhorn	8034'	8092'	Highly calc gry sh w/thin lmst.	Greenhorn	8034'	
Graneros	8092'	8112'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8092'	
Dakota	8112'	8338'	lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	8112'	