

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 108	
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 C #4F	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL, 2100' FWL At top prod. interval reported below At total depth NSL-5291, DHC-2130az		9. API WELL NO. 30-039-29590	
14. PERMIT NO.		12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUDDED 3-5-06	16. DATE T.D. REACHED 3-25-06	17. DATE COMPL. (Ready to prod.) 8-21-06	18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6588' GR
20. TOTAL DEPTH, MD & TVD 7550'	21. PLUG, BACK T.D., MD & TVD Fish @ 6751'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 4812-5277' Mesaverde			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL-CCL-GR, Gas Spectrum			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#	316'	12 1/4"
7"	26#	3460'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	3233'	7546'	790 cu.ft.
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	5116'	Fish @ 6751' after down hole fire	
31. PERFORATION RECORD (Interval, size and number)			
4812, 4814, 4817, 4824, 4826, 4828, 4830, 4832, 4834, 4836, 4838, 4846, 4848, 5083, 5087, 5113, 5116, 5130, 5133, 5136, 5233, 5235, 5259, 5271, 5300, 5303, 5305, 5320, 5323, 5326, 5329, 5332, 5338, 5344, 5347, 5355, 5360, 5377' w/38 0.38" diameter holes total			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4812-4848'		643 bbl 20# x-link gel, 62,260# 16/30 Brady sd	
5083-5377'		1785 bbl 20# x-link gel, 185,000# 16/30 Brady sd	
33. PRODUCTION			
DATE FIRST PRODUCTION 8-24-06	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 8-24-06	HOURS TESTED 1	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD
FLOW. TUBING PRESS. SI 1068		CASING PRESSURE SI 1077	24-HOUR RATE 0 BOPD
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 8/29/06

*(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.

NMOCD

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 23 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 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.)

ST. SUMMARY OF POROUS ZONES:			GEOLOGIC MARKERS		
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			33.		
FORMATION	TOP	BOTTOM	DESCRIPTION, COMMENTS, ETC.	NAME	NEAR. DEPTH TOP
Huerfanito Bentonite*	3554'	4001'	White, waxy chalky bentonite	Huerfanito Bent.	3554'
Chacra	4001'	4742'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	4001'
Cliff House	4742'	4854'	ss. Gry, fine-grn, dense sil ss.	Cliff House	4742'
Menefee	4854'	5312'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4854'
Point Lookout	5312'	5498'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	5312'
Mancos	5498'	6452'	Dark gry carb sh.	Mancos	5498'
Gallup	6452'	7218'	silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6452'
Greenhorn	7218'	7280'	Highly calc gry sh w/thin lmst.	Greenhorn	7218'
Graneros	7280'	7314'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7280'
Dakota	7314'	7550'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7314'

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