

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Submit in Duplicate*

(See other instructions
on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

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 #101	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ☐ OTHER ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE	
2. NAME OF OPERATOR CORDILLERA ENERGY, INC.						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056						8. FARM OR LEASE NAME, WELL NO. JICARILLA C #1B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2170' FSL & 1120' FEL - UL "I" At top prod. interval reported below Same At total depth Same						9. API WELL NO. 30-039-27315	
14. PERMIT NO.						12. COUNTY OR PARISH RIO ARriba	
DATE ISSUED						13. STATE NEW MEXICO	
15. DATE SPUDDED 5/28/2003				16. DATE T.D. REACHED 6/13/2003		17. DATE COMPL. (Ready to prod.) 8/7/2003	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6884' GR				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MM & JJ 8040'		21. PLUG, BACK T.D., MD & TTT 8018'		22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS DRILLED BY X	
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5798' - 5733'						25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR/CAL/DEN/NEUT/CMT						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# - J55	286'	12-1/4"	200sx ClsB cmt w/2% Cacl2 (yield 1.18 cuft/sx)			Circ 20bbl cmt
7"	23# - J55	4126'	8-3/4"	1st: 65sxSJ Poz, 150sx 65/35(2.02cf/sx) 120sx ClsB (1.18cf/sx)			Cmt top: 3000'
				2nd: 300sx 65/35 ClsB/Poz w/2%CaCl2 (yield 2.02 cuft/sx)			circ w/full returns
4-1/2"	11.6# N80	7916'	6-1/4"	33sx SJ Poz & 750sx 50/50 Poz w/2%gel, 5#/sx Gilsonite, 1/4#sx cf			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2"	7745'	8025'	60		2-3/8"	8018'	5850'
31. PERFORATION RECORD (Interval, size and number) 5798,5797,5796,5793,5788,5780,5779,5778,5777,5776,5775,5774,5773,5772,5771,5770,5769,5768,5750,5749,5748,5747,5746,5745,5844,5739,5733' 0.38" EHD jets & 120 deg phasing -27 shots				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 5798' - 5733' 2500gal 15% HCL & 27-7/8" ball sealers. Disp w/92bbl 2% KCL frac: 33,495 60Q N2 foam slick wtr gals as pad 78,317gal foam. Chemicals used: 0.10ppt Bio-4, 0.75gpt WFR-3, 1.0gpt Prosurf I, 6.0gpt FA-1, 10.0gpt Superset-W. Max treating pr 4150 psi.			
33. PRODUCTION							
DATE FIRST PRODUCTION 8/15/2003		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 7/28/2003	HR'S TESTED 3	CHOKE SIZE 1.000	PROD'N FOR TEST PERIOD	OIL—BBL. -0-	GAS—MCF 128	WATER—BBL -0-	GAS-OIL RATIO n/a
FLOW TUBING PRESS 34#	CSG PRESS 90#	CALCULATED 24-HOUR RATE	OIL—BBL -0-	GAS—MCF 1,023	WATER—BBL -0-	OIL GRAVITY-API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY DARYL WRIGHT	
35. LIST OF ATTACHMENTS Deviation Survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED <u>Kay Schuster</u>				TITLE PRODUCTION TECHNICIAN		DATE August 12, 2003	

*(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

37. SUMMARY OF POROUS ZONES: (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).					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
				JICARILLA C #1B	SURFACE		
				SAN JOSE	1272'		
				NACIMIENTO	2962'		
				OJO ALAMO	3360'		
				PICTURED CLIFFS	5280'		
				CLIFF HOUSE	5640'		
				POINT LOOKOUT	7685'		
				GREENHORN	7760'		
				GRANEROS	7850'		
				DAKOTA			