

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. <b>Jicarilla Contract #101</b>			
b. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>JICARILLA APACHE</b>			
2. NAME OF OPERATOR <b>CORDILLERA ENERGY, INC.</b>				7. UNIT AGREEMENT NAME			
3. ADDRESS AND TELEPHONE NO. <b>5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056</b>				8. FARM OR LEASE NAME, WELL NO. <b>HURON #4C</b>			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>2410' FNL &amp; 2340' FEL - UL "G"</b> At top prod. interval reported below <b>Same</b> At total depth <b>Same</b>				9. API WELL NO. <b>30-039-27318</b>			
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH <b>RIO ARRIBA</b>	
15. DATE SPUNDED <b>6/22/2003</b>				16. DATE T.D. REACHED <b>7/12/2003</b>		13. STATE <b>NEW MEXICO</b>	
17. DATE COMPL. (Ready to prod.) <b>8/21/2003</b>				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>7108' GR</b>		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MM & JJJ <b>8310'</b>		21. PLUG, BACK T.D., MD & TTT <b>8301'</b>		22. IF MULTIPLE COMPL., HOW MANY? <b>2</b>		23. INTERVALS DRILLED BY <b>X</b>	
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) <b>8214' - 8014'</b>				25. WAS DIRECTIONAL SURVEY MADE <b>YES</b>			
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>IND/GR/DEN/NEUT/CMT</b>				27. WAS WELL CORED <b>NO</b>			
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	459'	12-1/4"	333sx (70bbl) w/2% CaCl <sub>2</sub> , 1/4# cellophane			Circ 31 bbl
7"	23# - J55	4371'	8-3/4"	130sx scav/SJ Poz & 720sx Cls B w/2% CaCl <sub>2</sub> , 1/4# cellophane, 6% gel, 5#/sx Gilsomite to yield 2.02 cuft/sx			TOC: 3115'
4-1/2"	11.6# N80	8310'	6-1/4"	33sx SJ Poz & 500sx 50/50 Poz w/2% gel, 5#/sx Gils, 1/4#/sx cello			Circ 30 bbl
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8100' KB	6164' KB
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
8214, 8212, 8210, 8198, 8196, 8194, 8192, 8184, 8162, 8160, 8158, 8156, 8154, 8152, 8030, 8028, 8026, 8024, 8022, 8020, 8018, 8016, 8014'. 0.38" dia, 1 jsf, 23 holes total				DEPTH INTERVAL (MD) 8214' - 8014'			
				AMOUNT AND KIND OF MATERIAL USED 14,973gal Ambormax1025 as pad, 34,312gal SLC, 5,208gal Amgel 1025 as flush. Chemicals used: 0.10ppt Bio-4, 6.25gpt WGA 1A-SLR, 0.50ppt B-4, 0.50gpt B-3L, 1.0gpt Prosurf, 0.50gpt Prosurfl, 0.50gpt BA-2, 1.20gpt CX09, 10gpt Superset-W. Max pr 4300psi.			
33. PRODUCTION							
DATE FIRST PRODUCTION <b>9/22/2003</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>Flowing</b>				WELL STATUS (Producing or shut-in) <b>Shut-In</b>	
DATE OF TEST <b>8/27/2003</b>	HR'S TESTED <b>3</b>	CHOKE SIZE <b>1.000</b>	PROD'N FOR TEST PERIOD	OIL—BBL <b>-0-</b>	GAS—MCF <b>211</b>	WATER—BBL <b>-0-</b>	GAS-OIL RATIO <b>n/a</b>
FLOW TUBING PRESS <b>64</b>	CSG PRESS <b>790</b> (packer)	CALCULATED 24-HOUR RATE	OIL—BBL <b>-0-</b>	GAS—MCF <b>1,691</b>	WATER—BBL <b>-0-</b>	OIL GRAVITY—API (CORE.) <b>n/a</b>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Vented</b>						TEST WITNESSED BY <b>Daryl Wright</b>	
35. LIST OF ATTACHMENTS <b>Deviation Survey, Logs</b>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED <b>Kay Schuster</b>				TITLE <b>PRODUCTION TECHNICIAN</b>		DATE <b>September 2, 2003</b>	

\*(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  
SEP 8 2003

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	
				HURON #4C	MEAS. DEPTH	TRUE VERT. DEPTH
				SAN JOSE	SURFACE	SURFACE
				NACIMIENTO	1496'	1496'
				OJO ALAMO	3186'	3186'
				PICTURED CLIFFS	3855'	3855'
				CLIFF HOUSE	5545'	5545'
				MENEFEE	5695'	5695'
				POINT LOOKOUT	5995'	5995'
				GREENHORN	7965'	7965'
				DAKOTA	8050'	8050'