

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 WELL ☐ OTHER ☐						5. LEASE DESIGNATION AND SERIAL NO. SF078707	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER ☐						6. IF INDIAN ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CORDILLERA ENERGY, INC.						7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 5802 HIGHWAY 64, FARMINGTON, NM 87401						8. FARM OR LEASE NAME, WELL NO. DUKE #1B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1850' FEL - UL "O" At top prod. interval reported below same At total depth same						9. API WELL NO. 30-045-31062	
14. PERMIT NO. DATE ISSUED						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 24, T31N, R13W						12. COUNTY OR PARISH SAN JUAN	
13. STATE NEW MEXICO							
15. DATE SPUDDED 07/29/2002		16. DATE T.D. REACHED 08/05/2002		17. DATE COMPL. (Ready to prod.) 09/01/2002		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5851' GR 5866' KB	
19. ELEV. CASINGHEAD 5851'		20. TOTAL DEPTH, MM & JJJ 6870' KB		21. PLUG, BACK T.D., MD & TTT 6820' KB		22. IF MULTIPLE COMPL., HOW MANY? 2	
23. INTERVALS DRILLED BY		24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 6767' - 6794'		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR/CALDEN/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	
9-5/8"		36# J55 STC		273'		12-1/4"	
7"		23# J55 LTC		4148'		8-3/4"	
4-1/2"				6855'		6-1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
210sx (44bbl)Cls B w/2%CaCl2 & 1/4#/sx cellophane							
1st: 52bbl(195sx)65/35ClsB/Pozw/2%CaCl2, 1/4#cellophane							
2nd: 252bbl(700sx)65/35ClsB/Pozw/2%CaCl2, 1/4#cellophane		circ 35 bbl					
340sx(87bbl)50/50Poz w/2%gel, 5#sxGilsonite, 1/4#cellophane							
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
2-3/8"		6770.31' KB		4898.97' KB			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6767' - 6770'		0.38		4 HOLES		DEPTH INTERVAL (MD)	
6777' - 6790'		0.38		14 HOLES		AMOUNT AND KIND OF MATERIAL USED	
6792' - 6794'		0.38		3 HOLES		1250 gal 15% HCL Recover 37 balls w/ 34 hits. Frac DK down csg w/	
				21 TOTAL		66,360 gal 20# Borate xlink water	
						& 64,000# 20/40 RCSand w/18,000# 20/40 RCSand activator.	
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/13/2002		Flowing				SI	
HR'S TESTED		CHOKE SIZE		PROD'N FOR TEST PERIOD		GAS-OIL RATIO	
3		0.75				n/a	
FLOW TUBING PRESS		CSG PRESS		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORE)	
122#		890#				n/a	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY			
Vented through orifice on test separator. Avg 24 psig.				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 <i>Kay S. Steiner</i>				TITLE PRODUCTION TECHNICIAN			
				FARMINGTON FIELD OFFICE September 17, 2002			

*(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.

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).				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.
GEOLOGIC MARKERS				
			NAME	MEAS. DEPTH
				TRUE VERT. DEPTH
			OJO ALAMO	445'
			KIRTLAND	1455'
			PICTURED CLIFFS	2215'
			CLIFF HOUSE	3770'
			MENEFEE	4070'
			POINT LOOKOUT	4500'
			DAKOTA	6670'