

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 ☐ GAS ☒ DRY ☐ WELL WELL						OTHER 070 Farmington, NM	
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ OTHER ☐ WELL OVER EN BACK RESVR						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. ARNSTEIN #1Y	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 1315' FWL - UL "C" At top prod. interval reported below Same At total depth Same						9. API WELL NO. 30-045-31218	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 13, T31N, R12W	
12. COUNTY OR PARISH SAN JUAN						13. STATE NEW MEXICO	
15. DATE SPURRED 03/15/03		16. DATE T.D. REACHED 03/23/03		17. DATE COMPL. (Ready to prod.) 04/18/2003		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5916' GR - 5928' KB	
20. TOTAL DEPTH, MM & JJJ 6985'		21. PLUG, BACK T.D., MD & TTT 6931'		22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS DRILLED BY	
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) M.V. 4614' - 4856'						25. WAS DIRECTIONAL SURVEY MADE NO	
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	
9-5/8"		36# - J55		281.94'		12-1/4"	
7"		23# - J55		4227.53'		8-3/4"	
4-1/2"		11.6# N80		6985'		6-1/4"	
						0.6% Halad 9, 0.1% HR 5, 6.44gps wtr, 10# sgr, 59bbl 2% KCL	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
						4940.90'	
31. PERFORATION RECORD (Interval, size and number)				32. DEPTH INTERVAL (MD)			
.38" EHD - 1 JSPF				4614' - 4856'			
4856, 4848, 4842, 4834, 4829, 4857, 4854, 4810, 4804, 4802,				2500gal acid w/21 balls			
4783, 4773, 4718, 4716, 4714, 4708, 4686, 4682, 4680, 4676,				2446 gals & 165,240 sand			
4672, 4654, 4652, 4650, 4648, 4646, 4616, 4614'							
28 holes total							
33. PRODUCTION							
DATE FIRST PRODUCTION 04/18/2003		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 4/18/03		HRS TESTED 3		CHOKE SIZE 1.125		GAS-OIL RATIO	
FLOW TUBING PRESS DK SI 660		CSG PRESS 35 psi		CALCULATED 24-HOUR RATE		WATER—BBL -0-	
				OIL—BBL -0-		OIL GRAVITY—API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented flowing up casing annulus						TEST WITNESSED Daryl Wright	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED Kay Eckstein				TITLE PRODUCTION TECHNICIAN			
				FARMINGTON FIELD OFFICE April 18, 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.

NMOCD

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
				ARNSTEIN #1Y	1490'	1490'
				OJO ALAMO	1640'	1640'
				KIRTLAND	2135'	2135'
				PICTURED CLIFFS	3805'	3805'
				CLIFF HOUSE	4105'	4105'
				MENEFE	4590'	4590'
				POINT LOOKOUT	5995'	5995'
				GALLUP	6735'	6735'
				DAKOTA		

6000