

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 ☐		OTHER	
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐		DIFF. ☐ OTHER ☐	
WELL OVER EN BACK RESVR			
2. NAME OF OPERATOR CORDILLERA ENERGY, INC.		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #101	
3. ADDRESS AND TELEPHONE NO. 5802 HIGHWAY 64, FARMINGTON, NM 87401		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1280' FSL & 660' FWL - UL "M" At top prod. interval reported below Same		7. UNIT AGREEMENT NAME	
At total depth Same		8. FARM OR LEASE NAME, WELL NO. MCINTYRE #1B	
14. PERMIT NO.		9. API WELL NO. 30-039-27316	
DATE ISSUED		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
12. COUNTY OR PARISH RIO ARRIBA		13. STATE NEW MEXICO	

15. DATE SPUDDED 5/16/2003	16. DATE T.D. REACHED 5/27/2003	17. DATE COMPL. (Ready to prod.) 6/25/2003	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6819' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MM & JJJ 8030'	21. PLUG, BACK T.D., MD & TTT 7991'	22. IF MULTIPLE COMPL., HOW MANY? 2	23. INTERVALS DRILLED BY X	ROTARY TOOLS CABLE TOOLS
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7670' - 7866' DK				25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR/CAL/DEN/NEUT/CMT				27. WAS WELL CORED

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	284'	12-1/4"	275sx(57bbl) Cls B w/2%CaCl2, 1/4#sx Cello(yield 1.18cuf/sx)	
7"	23# - J55	4099'	8-3/4"	1st: 150sx ClsB/Poz(yield 2.02cuf/sx)120sx ClsB(yield 1.18cuf/sx)	loc: 1310'
				2nd: 200sx(72bbl) 65/35 ClsB/Poz (yield 2.02 cuf/sx)	
4-1/2"	11.6# N80	8030'	6-1/4"	50sx SJ Poz(1.80cuf/sx) 400sx 50/50Poz (1.44cuf/sx)	loc: 4230'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7933'	6061'

31. PERFORATION RECORD (Interval, size and number) 7670, 7672, 7674, 7676, 7688, 7690, 7702, 7707, 7710, 7712, 7810, 7812, 7814, 7818, 7820, 7858, 7862, 7864, 7866 0.38, 1JSPF 23 holes total	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7670' - 7866' AMOUNT AND KIND OF MATERIAL USED 1250gal 15% HCL w/additives. 23 -7/8" ball sealers. Max 4500psi 14,944gal Ambormax 1020 as pad.33,878gal 20/40 mesh SLC 5,040gal of flush. Max treating pr 4500 psi.
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33. PRODUCTION							
DATE FIRST PRODUCTION July 11, 2003		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 7/7/2003	HR'S TESTED Three	CHOKE SIZE 1.250	PROD'N FOR TEST PERIOD	OIL—BBL -0-	GAS—MCF 387	WATER—BBL -0-	GAS-OIL RATIO N/A
FLOW TUBING PRESS 68	CSG PRESS 840	CALCULATED 24-HOUR RATE	OIL—BBL -0-	GAS—MCF 3,096	WATER—BBL -0-	OIL GRAVITY-API (CORE.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	TEST WITNESSED BY Chester Deal
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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 Ray S. Chastain	TITLE PRODUCTION TECHNICIAN
DATE July 8, 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

JUL 23 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	
					MEAS. DEPTH	TRUE VERT. DEPTH
				MCINTYRE #1B		
				NACIMINTO	1272'	1272'
				OJO ALAMO	2962'	2962'
				PICTURED CLIFFS	3490'	3490'
				5185'	3680'	3680'
				MENEFEE	5320'	5320'
				POINT LOOKOUT	5615'	5615'
				GREENHORN	7655'	7655'
				GRANEROS	7700'	7700'
				DAKOTA	7805'	7805'