

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*
(See other instructions
on reverse side)

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. ☐ RESVR 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		8. FARM OR LEASE NAME, WELL NO. MCINTYRE #1B	
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 At total depth Same		9. API WELL NO. 30-039-27316	
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. 11, T26N, R4W	
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 & JJ 8030'		
21. PLUG, BACK T.D., MD & TTT 7991'		22. IF MULTIPLE COMPL., HOW MANY? 2	23. INTERVALS DRILLED BY
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5656' - 5865'		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
9-5/8"	36# - J55	284'	12-1/4"
7"	23# - J55	4099'	8-3/4"
4-1/2"	11.6# N80	8030'	6-1/4"
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
275sx(57bbl) Cls B w/2%CaCl2, 1/4#sx Cello(yield 1.18cuft/sx)		toc:1310'	
1st: 150sx ClsB/Poz(yield 2.02cf/sx)120sx ClsB(yield 1.18cf/sx)			
2nd: 200sx(72bbl) 65/35 ClsB/Poz (yield 2.02 cuft/sx)			
50sx SJ Poz(1.80cuft/sx) 400sx 50/50Poz (1.44cuft/sx)		toc:4230'	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	7933'	6061'	
31. PERFORATION RECORD (Interval, size and number)			
5865, 5863, 5804, 5795, 5796, 5738, 5736, 5734, 5732, 5730, 5718, 5716, 5714, 5710, 5708, 5706, 5696, 5694, 5692, 5690, 5688, 5686, 5684, 5682, 5680, 5678, 5676, 5674, 5672, 5658, 5656'. 31 holes total, 1 JSPF, 0.38			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5656' - 5865'		2500gal acid @ 4bpm & 3-5 psi. 27-1.3SG 7/8" ball sealers.	
		33,495gal 60Q as pad. 44,996 foam gals. 29,133gals 20/40 Brady	
		1,470gal slick foam as flush. Max treating pr 3870.	
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		GAS-OIL RATIO N/A	
DATE OF TEST June 18, 2003	HR'S TESTED Three	CHOKE SIZE 1-3/8"	PROD'N FOR TEST PERIOD
OIL—BBL. -0-	GAS—MCF 486	WATER—BBL -0-	
FLOW TUBING PRESS 74	CSG PRESS 385	CALCULATED 24-HOUR RATE	OIL—BBL -0-
GAS—MCF 3,892	WATER—BBL -0-	OIL GRAVITY—API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Chester Deal	
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 C. Deal		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.					
FORMATION					GEOLOGIC MARKERS					
					TOP					
DESCRIPTION, CONTENTS, ETC.					NAME		MEAS. DEPTH		TRUE VERT. DEPTH	
					MCINTYRE #1B					
					NACIMINTO		1272'		1272'	
					OJO ALAMO		2962'		2962'	
					PICTURED CLIFFS		3490'		3490'	
					5185'		3680'		3680'	
					MENEFE		5320'		5320'	
					POINT LOOKOUT		5615'		5615'	
					GREENHORN		7655'		7655'	
					GRANEROS		7700'		7700'	
					DAKOTA		7805'		7805'	