

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate

(See other instructions
on reverse side)

SEP 2003

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract #101

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

JICARILLA C #1B

9. API WELL NO.

30-039-27315

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐
WELL WELL

b. TYPE OF COMPLETION:

NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ OTHER ☐
WELL OVER EN BACK RESVR

2. NAME OF OPERATOR

CORDILLERA ENERGY, INC.

3. ADDRESS AND TELEPHONE NO.

5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2170' FSL & 1120' FEL - UL "I"

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

RIO ARRIBA

13. STATE

NEW MEXICO

15. DATE SPUDDED

5/28/2003

16. DATE T.D. REACHED

6/13/2003

17. DATE COMPL. (Ready to prod.)

8/7/2003

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6884' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ

8040'

21. PLUG, BACK T.D., MD & TTT

8018'

22. IF MULTIPLE COMPL.,
HOW MANY?

2

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

7914' - 7676'

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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# - J55	286'	12-1/4"	200sx ClsB cmt w/2% CaCl2 (yield 1.18 cuft/sx)	Circ 20bbl cmt
7"	23# - J55	4126'	8-3/4"	1st: 65sxSJ Poz, 150sx 65/35(2.02cf/sx) 120sx ClsB (1.18cf/sx)	Cmt top: 3000'
				2nd: 300sx 65/35 ClsB/Poz w/2%CaCl2 (yield 2.02 cuft/sx)	circ w/full returns
4-1/2"	11.6# N80	7916'	6-1/4"	33sx SJ Poz & 750sx 50/50Poz w/2%gel, 5#/sx Gilsonite, 1/4#sx c	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CMT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2"	7745'	8025'	60		2-1/16"	8018'	5850'

31. PERFORATION RECORD (Interval, size and number)

7914, 7912, 7910, 7908, 7906, 7904, 7876, 7874, 7872, 7870,
7868, 7866, 7846, 7844, 7842, 7748, 7746, 7744, 7742, 7740,
7738, 7734, 7680, 7678, 7676'.
0.38" EHD jets - 25 shots total

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7914' - 7676'	14,295gal Ambormax 1020 as pad.
	33,804gal SLC, 4,200gal Amgel 1020. Chemicals used: 0.10ppt
	Bio-4, 5.0gpt WGA 1A-SLR, 1.0ppt B-4, 1.0ppt B-3L, 1.2 gtp Pro-
	surf I, 0.50 gpt Prosurf II, 0.50gpt BA-2, 1.0gpt CX-9, 10.0gpt

33. PRODUCTION Superset-W.

DATE FIRST PRODUCTION 8/15/2003		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 8/11/2003	HR'S TESTED 3	CHOKE SIZE .750	PROD'N FOR TEST PERIOD	OIL—BBL -0-	GAS—MCF 43	WATER—BBL -0-	GAS-OIL RATIO n/a	
FLOW TUBING PRESS 16#	CSG PRESS packer 420#	CALCULATED 24-HOUR RATE		OIL—BBL -0-	GAS—MCF 344	WATER—BBL -0-	OIL GRAVITY—API (CORE.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

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 Kay E. Eshleman

TITLE PRODUCTION TECHNICIAN

DATE

August 12, 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

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
				JICARILLA C #1B	SURFACE	
				SAN JOSE	1272'	
				NACIMIENTO	2962'	
				OJO ALAMO	3360'	
				PICTURED CLIFFS	5280'	
				CLIFF HOUSE	5640'	
				POINT LOOKOUT	7685'	
				GREENHORN	7760'	
				GRANEROS	7850'	
				DAKOTA		