

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.

3. ADDRESS AND TELEPHONE NO.
5802 HIGHWAY 64, FARMINGTON, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1975' FSL & 2315' FWL - UL "K"
At top prod. interval reported below same
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.
SF 078244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
SOUTHERN UNION #1B

9. API WELL NO.
30-045-31129

10. FIELD AND POOL, OR WILDCAT
BLANCO MESA VERDE

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
SEC. 19, T31N, R12W

12. COUNTY OR PARISH
SAN JUAN

13. STATE
NEW MEXICO

14. PERMIT NO. DATE ISSUED

15. DATE SPUDED 8/7/2002

16. DATE T.D. REACHED 8/17/2002

17. DATE COMPL. (Ready to prod.) 9/6/2002

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5910' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ 6940'

21. PLUG, BACK T.D., MD & TTT 6898' 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)
4616' - 4867'

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/DEN/NEUT CMT BOND

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 (NEED TOC)	AMOUNT PULLED
9-5/8"	36# J55 STC	284'	12-1/4"	245SX (54 bbl) Cts B w/2% CaCl2, 1# sx cellophane.	20 bbl circ
7"	23# J55 LTC	4220'	8-3/4"	1st stage: 61 bbl (220sx) (65/35 Cts B/Poz) w/2% CaCl2, 1/4# cph	circ
				2nd stage: 252 bbl (700sx) 65/35 Cts B/Poz w/2% CaCl2, 1/4# cph	circ
4-1/2"	11.8# N80 LTC	6938'	6-1/4"	340sx (87 bbl) 50/50 Poz w/2% gel, 5#sx Gils 1/4# sx cphane	TOC: 3180'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6818' KB	4921' KB

31. PERFORATION RECORD (Interval, size and number)

DATE	TIME	DEPTH (MD)	SIZE	SHOTS
4616-22	4666	4782-86	4857-60	
4624-26	4686-89	4790	4864-67	
4633-36	4691-95	4800-06		
4640-46	4746-50	4816	0.38	
4652-56	4776	4818	36 shots	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4616' - 4867'	5000 gal 15% HCL w/ acetic & citric sequestering & oxygen scavenger
	Frac w/ 195,550 gal xlink wtr, 143,100# 20/40 RCS w/ activator

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS Shut In (Producing or shut-in)
	flow	SI

DATE OF TEST	HR'S TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
9/18/02	3	1.250		-0-	216	.25	n/a

FLOW TUBING PRESS	CSG PRESS	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY—API (CORE.)
SI - 643#	422#		-0-	1,729	2.0	n/a

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented during test. Sold when producing.

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 Schuster TITLE PRODUCTION TECHNICIAN

DATE SEP 26 2002 FARMINGTON FIELD OFFICE

*(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.

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38. 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				OJO ALAMO	480'	480'
				KIRTLAND	640'	640'
				PICTURED CLIFFS	2215'	2215'
				CLIFF HOUSE	3930'	3930'
				MENEFE	4230'	4230'
				POINT LOOKOUT	4715'	4715'
				DAKOTA	6840'	6840'