

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSubmit in Duplicate*
(See other instructions
on reverse side)

LEASE DESIGNATION AND SERIAL NO.

SF078707

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARMOR LEASE NAME, WELL NO.

DUKE #1C

API WELL NO.

30-045-31211

FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC. 13, T31N, R13W

COUNTY OR

PARISH SAN JUAN

STATE

NEW MEXICO

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

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 660' FNL & 1960' FEL - UL "B"

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH SAN JUAN

13. STATE

NEW MEXICO

15. DATE SPUDDED

03/05/2003

16. DATE T.D. REACHED

03/13/2003

17. DATE COMPL. (Ready to prod.)

04/18/2003

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)

5797' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ

6855'

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

6835'

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)

MV 4476' - 4696'

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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# - J55	285'	12-1/4"	260sx(54bbl) Cls B w/2% CaCl2&1/4#sx cellophane	circ 20 bbl
7"	23# - J55	4094'	8-3/4"	870sx(295bbl)65/35 Cls B poz w/2%CaCl2, 1/4#sx cph, 6% gel	circ 30bbl
4-1/2"	11.6# N80	6855'	6-1/4"	340sx(87bbl) 50/50 POZ w/2%gel, 5pps Gilsonite, 1/4pps celloph-	TOC: 3810'
				0.6% Halad 9, 0.1% HR 5, 6.44pps wtr, 10# sgr, 59bbl 2% KCL	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6703.50'	4881.91'
						Producing up annulus	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

.38" EHD - 1 JSPF
4476, 4478, 4480, 4482, 4484, 4489, 4491, 4493, 4495,
4499, 4501, 4505, 4511, 4526, 4528, 4534, 4538, 4572,
4574, 4604, 4634, 4636, 4688, 4690, 4692, 4694, 4696'.
27 SHOTS TOTAL

32.

DEPTH INTERVAL (MD)

4476' - 4696'

AMOUNT AND KIND OF MATERIAL USED

2500 gal 15% GCK acid w/20 - 1.3 SG 7/8" ball sealers. 33,515gal

slickwater.

17,302 gal AmborMax 1015. 2,394 gal Amgel 1015 & flush.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or	
04/18/2003		Flowing					SHUT-IN shut-in)	
DATE OF TEST	HR'S TESTED	CHOKE SIZE	PROD'N FOR	OIL—BBL.	GAS—MCF	WATER—BBL	GAS OIL RATIO	
04/18/03	3	1.125	TEST PERIOD	-0-	235.5	-0-	ACCEPTED FOR RECORD	
FLOW TUBING PRESS	CSG PRESS	CALCULATED		OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY—API (CORE.)	
DK SI -0-	50	24-HOUR RATE		-0-	1844	-0-	APR 21 2003	

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

Vented flowing up casing annulus

TEST WITNESSED BY

FARMINGTON FIELD OFFICE
Daryl Wagoner

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

TITLE PRODUCTION TECHNICIAN

DATE

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).					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	
					GEOLOGIC MARKERS
			NAME	TOP	
			MEAS. DEPTH	TRUE VERT. DEPTH	
			DUKE #1C	395'	395'
			OJO ALAMO	1400'	1400'
			KIRTLAND	2160'	2160'
			PICTURED CLIFFS	3715'	3715'
			CLIFF HOUSE	4015'	4015'
			MENEFE	4445'	4445'
			POINT LOOKOUT	6615'	6615'
			DAKOTA		