

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 ☐ 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 810' FSL & 805' FWL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF 078464

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

SENER #1C

9. API WELL NO.

30-045-31071

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

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

SEC. 24, T31N, R13W

UL - "M"

12. COUNTY OR

PARISH SAN JUAN

13. STATE

NEW MEXICO

15. DATE SPUDDED 6/20/2002 16. DATE T.D. REACHED 6/29/2002 17. DATE COMPL. (Ready to prod.) 8/9/2002

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*
5749' GR

19. ELEV. CASINGHEAD
5749'

20. TOTAL DEPTH, MM & JJJ 6870' 21. PLUG, BACK T.D., MD & TTT 6700' 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)
4401 - 4601'

25. WAS DIRECTIONAL
SURVEY MADE

NO

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

27. WAS WELL CORED
NO

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 STC	273'	12-1/4"	25bfw, 170sx(36bbl) cls B, 2% CaCl ₂ , 1/4#cellophane	18 bbl circ
7"	23# J55 LTC	4073'	8-3/4"	180bbl(500sx)HalliburtonLite(65/35clsB.Poz) w/2% CaCl ₂ , 1/4# cellophane, 6%gel, 5#sx gilsonite	15 bbl circ to pit
4-1/2"	11.6 N80 LTC	6726'	6-1/4"	270sx(69bbl)50/50Poz w/2%gel, 5#sxGilsonite. 1/4# sx	cellophane

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	Producing up Casing	6594'

31. PERFORATION RECORD (Interval, size and number)

4401 - 4601' 0.38 31 JSPF (SELECT FIRE)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4401' - 4601'	2,500 gal 15%HCL acid, 47 7/8" 1.3 SG RCN Ball Sealers
	101,000# 20/40 Super Mesh LC Sand

PRODUCTION

53.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flow					WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 8/13/02	HR'S TESTED 3	CHOKE SIZE 0.5	PROD'N FOR TEST PERIOD	OIL—BBL -0-	GAS—MCF 53	WATER—BBL 10	GAS-OIL RATIO N/A	
FLOW TUBING PRESS 1040# (DK)	CSG PRESS 65# (MV)	CALCULATED 24-HOUR RATE		OIL—BBL -0-	GAS—MCF 428	WATER—BBL 10	OIL GRAVITY—API (CORE.) N/A	

ACCEPTED FOR RECORD

ACCEPTED FOR RECORD

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

TITLE PRODUCTION TECHNICIAN

FARMINGTON FIELD OFFICE

DATE August 21, 2002

*(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
	OJO ALAMO	415'	415'
	KIRTLAND	1430'	1430'
	PICTURED CLIFFS	2075'	2075'
	CLIFF HOUSE	3590'	3590'
	MENEFE	3870'	3870'
	POINT LOOKOUT	4415'	4415'
	DAKOTA	6570'	6570'



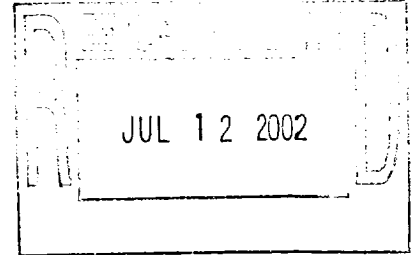
Key Energy Services, Inc.

Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499

Phone: 505-327-4935
Fax: 505-327-4962

July 5, 2002

Cordillera Energy Partners
5802 U.S. Hwy 64
Farmington, NM 87401



Attn: Mr. Chester Deal

Rig 53

This letter is to certify that Key Energy Services, Inc., did run deviation surveys at the listed depths on the Senter 1C well in S24-T31N-R13W, in San Juan county, New Mexico.

Depth	Deviation	Depth	Deviation
576'	$\frac{3}{4}^{\circ}$	2523'	$\frac{3}{4}^{\circ}$
904'	$\frac{1}{2}^{\circ}$	3059'	$\frac{3}{4}^{\circ}$
1307'	1°	3500'	1°
1618'	$\frac{1}{2}^{\circ}$	4055'	$2\frac{3}{4}^{\circ}$
2027'	$\frac{1}{2}^{\circ}$		

Drilled from 4075' to 6730' with air hammer

To the best of my knowledge, I swear this information to be true.

Sincerely,

J.D. Griffith
Drilling contract manager

Notary Public
6/26/06

My commission expires: _____



