

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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. SF078707	
b. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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. STARR #1C	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2625' FSL & 1980' FWL - UL "K" At top prod. interval reported below Same At total depth Same						9. API WELL NO. 30-045-31098	
14. PERMIT NO. DATE ISSUED						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
15. DATE SPUNDED 02/09/2003						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 13, T31N, R13W	
16. DATE T.D. REACHED 2/19/2003						12. COUNTY OR PARISH SAN JUAN	
17. DATE COMPL. (Ready to prod.) Waiting on Commingle						13. STATE NEW MEXICO	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5786' GR						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MM & JJJ 6830'						21. PLUG, BACK T.D., MD & TTT 6810'	
22. IF MULTIPLE COMPL., HOW MANY? 2						23. INTERVALS DRILLED BY	
24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) DK 6628' - 6745'						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	
9-5/8"		36# - J55		283.33'		12-1/4"	
7"		20# - J55		4122'		8-3/4"	
4-1/2"		11.6# N80		6830.77'		6-1/4"	
						TOP OF CEMENT, CEMENTING RECORD	
						257sx(54bbl)ClsB w/2%CaCl2, 1/4# cellophane	
						940sx(320bbl)65/35ClsB w/2%CaCl2, 1/4# cellophane, 6% gel	
						340sx(87bbl) 50/50 POZ w/2%gel, 5pps Gilsonite, 1/4pps cellophane	
						0.6% Halad 9, 0.1% HR 5, 6.44gpps wtr, 5bbl sugarwater, 105 bbl	
						AMOUNT PULLED	
						circ 20 bbl	
						circ 75 bbl	
						TOC: 3340'	
						2% KCL	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		6714.97'		4825'			
31. PERFORATION RECORD (Interval, size and number)							
38" EHD - 1JSPF							
6628' - 6745'							
20 HOLES TOTAL							
32. DEPTH INTERVAL (MD)							
6628' - 6745'							
AMOUNT AND KIND OF MATERIAL USED							
1,250 gal 15% HCL w/additives. Drop 15-7/8" ball sealers. Displace							
w/2% KCL wtr @ 30-40bpm.							
Frac: 79,000# 20/40 mesh Super LC sand & AmBorMax 1020 @ 40bpm							
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						Shut In	
DATE OF TEST		HR'S TESTED		CHOKE SIZE		GAS-OIL RATIO	
FLOW TUBING PRESS		CSG PRESS		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORE.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In until decline curve established on Mesa Verde						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS						APR 4 2003	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.						FARMINGTON FIELD OFFICE	
SIGNED Kay Stokerson						TITLE PRODUCTION TECHNICIAN	
						APR 1, 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.

NMOC

37. ☐ HARRY 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	STAR #1C	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
OJO ALAMO		385'	385'
KIRTLAND		1530'	1530'
PICTURED CLIFFS		2065'	2065'
CLIFF HOUSE		3680'	3680'
MENEFEE		3980'	3980'
POINT LOOKOUT		4460'	4460'
DAKOTA		6610'	6610'



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

January 31, 2003

Rig #43

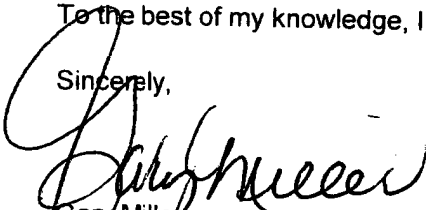
Cordillera
5802 Hwy 64
Farmington, NM 87401

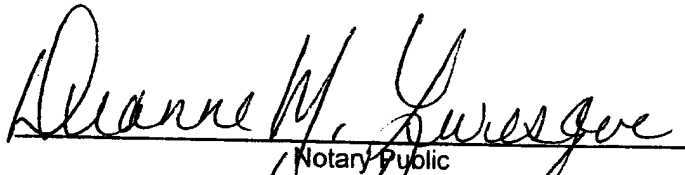
This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Starr #1C well in S13-T31N-R13W in San Juan County, New Mexico.

Depth	Deviation	Depth	Deviation
254'	1°	2688'	1°
583'	1°	3350'	1°
860'	1°	3650'	1°
2385'	1°	3928'	1°

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

Sincerely,


Gary Miller
District Drilling Manager


Deanne M. Levesque
Notary Public
My commission expires: 6/26/06

