

# PATTERSON-UTI DRILLING COMPANY

A LIMITED PARTNERSHIP

1512 Larimer Street, Suite 730, Denver, Colorado 80202  
303-542-1900 • Fax: 303-542-1903

June 21, 2005

Rig#744  
Black Hills Exploration  
350 Indiana Street, Suite 400  
Golden, CO 80401

30-039-29304

This is to certify that Patterson UTI Drilling, did run deviation surveys at the listed depth on your Jicarilla 29-02-8 #44 in Sec.5T29NR2W.

Depth	Deviation	Depth	Deviation
268'	1/4°	2768'	1°
1263'	3/4°	3259'	1 1/4°
1764'	1/2°	3769'	2°
2271'	1°		

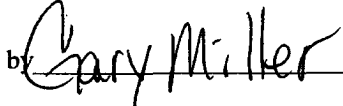
To the best of my knowledge, I swear this information to be true.

Sincerely,

  
Gary Miller  
Area Manager

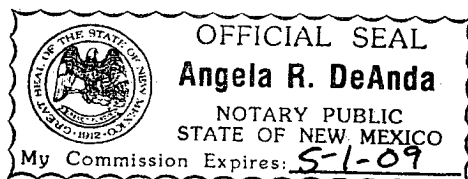
State of New Mexico county San Juan

This instrument was acknowledged before me

by 

Notary public 

My commission expire 5-1-09



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