



PATTERSON-UTI DRILLING COMPANY

A LIMITED PARTNERSHIP

328 County Road 3500, Aztec, New Mexico 87410-9567
505-334-8361 • Fax: 505-334-8391

June 29, 2006,

Rig#744

Black Hills Exploration
350 Indiana St. Suit 400
Golden, Co. 80401

This is to certify that Patterson UTI Drilling, did run deviation surveys at the listed depth on your
Jicarilla 461-24 #12

Depth	Deviation	Depth	Deviation
230'	1°	2813'	¼°
790'	¼°	3376'	¼°
1300'	¼°	3905'	1°
1817'	¼°		
2316'	1°		

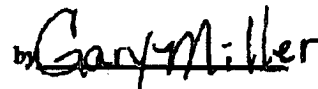
To the best of my knowledge, I swear this information to be true.

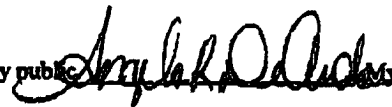
Sincerely,

Gary Miller
Area Manager

State of New Mexico County San Juan

This instrument was acknowledged before me

by 

Notary public  commission expire 5/1/09

