



PATTERSON-UTI DRILLING COMPANY

A LIMITED PARTNERSHIP

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

October 30, 2006,

Rig#744
Black Hills Exploration
350 Indiana Street
Suit 400
Golden, Co. 80401

30-039-29889

This is to certify that Patterson UTI Drilling, did run deviation surveys at the listed depth on your Jicarilla 462-22 #122 AKA #722.Sec 22T30NR03W.

Depth	Deviation	Depth	Deviation
337'	¼°	2813'	1½°
821'	¼°	3310'	¾°
1213'	1°	3903'	½°
1813'	¼°		
2312'	¼°		

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 Gary Miller

Notary public

Angela R. Calhoun My commission expire 5/1/09

Handwritten mark