



PATTERSON-UTI DRILLING COMPANY

A LIMITED PARTNERSHIP

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

August 29, 2005
Rig#744
Blackhills

AP 14

30-639-29264

This is to certify that Patterson UTI Drilling, did run deviation surveys at the listed depth on your
Jicarilla 30-3-33 #14

Depth	Deviation	Depth	Deviation
275'	1/2°	2287'	1°
787'	1/2°	2813'	1°
1291'	1/2°	3308'	1/2°
1791'	1°	3714'	1/2°

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

Sincerely,

Jim Campbell
Jim Campbell
Drilling Superintendent

State of New Mexico County Rio Arriba

This instrument was acknowledged before me

by *Jim Campbell*

Notary public *Angela DeAnda* My commission expires 5-1-09

