



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

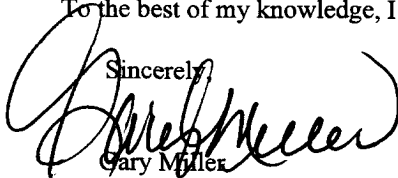


This is to certify that Patterson UTI Drilling, did run deviation surveys at the listed depth on your
Jicarilla 464-32 #15 in Sec.32T30NR3W. API # 30-039-29035

Depth	Deviation
3348'	1 1/2°
3785'	1°

29305

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

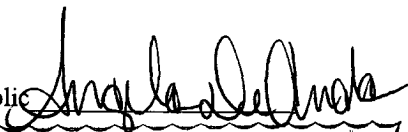
Sincerely,

Gary Miller
Area Manager

State of New Mexico county San Juan

This instrument was acknowledged before me

by Gary Miller

Notary public



My commission expire 5-1-09

