



PATTERSON-UTI DRILLING COMPANY

A LIMITED PARTNERSHIP

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

RCVD JAN12'07
OIL CONS. DIV.
DIST. 3

January 5, 2007,

30-039-29869

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 457-10 #708 in Sec. 10T30NR03W.

Depth	Deviation	Depth	Deviation
297'	1 1/4°	6439'	4 1/2°
797'	3/4°	3310'	3/4°
1311'	1°	7462'	4°
1811'	1°	7960'	4°
2845'	1 1/4°	8563'	4°

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 Delgado My commission expire 5/1/09

OK per Steve Hayden 1/18/07

1/18/07