

Directional Survey Report

Chesapeake Operating

Well ID: 819469

Well Name: WTU 946, Lea Co, NA
API # 30-025-36412

Well Bore: Original Well Bore

Plane of Vertical Section: 0.0 degrees

A-9-20s-33e 990/N 4 330/E

Survey Type	Meas. Depth	Inc.	Azimuth	TVD	Coordinates		Closure	Vertical Section	Dog Leg Severity
					N-S	E-W			
** Tieln	0.0	0.00	0.0	0.0					
INC	267.0	0.75							
INC	515.0	0.75							
INC	1016.0	0.50							
INC	1300.0	1.25							
INC	1408.0	1.00							
INC	1882.0	0.25							
INC	2383.0	0.50							
INC	2892.0	0.75							
INC	3400.0	1.00							

Calculations using Minimum Curvature Method

Printed: 10:27 23-Jan-04

Page 1

