PSI

Precision Surveying Instruments

DIRECTIONAL SURVEY CERTIFICATION SHEET

Company:	Continental Resources, Inc.
Field:	Bakken
County:	Williams
State:	North Dakota
Rig:	Ensign 149
Well:	Johnsrud 5X-14H1
API #:	33-105-01720-00
Location:	Lot 1 Sec. 14 T153N R102W
Job Number:	DMR0625
Survey Date:	6/25/2014
Surveyed From:	Surface
Surveyed To:	2150
Tie In Survey:	0.00
Vertical Section Direction:	0.00
Declination:	8.50
Grid Correction:	0.00
Total Correction:	8.50
Gyro Data Is Corrected to:	Magnetic North
Vertical Section Calculated from:	Wellhead
Calculation Method:	Minimum Curvature
Survey Tool Type:	MWD
Tool Specifications:	MWD Tool #1
Magnetic Model:	BGGM 2014 for 6/25/2014

MD	Inc	Azi	TVD	VSec	NS	EW	DLS
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2150.00	0.00	0.00	2150.00	0.00	0.00	0.00	0.00

Survey Type: Definitive

All interpolations and opinions based on information that existed on official magnetic/well data and are valid and true to the best of the accuracy of commonly employed practices in the directional drilling industry. Surface locations are not certified unless noted otherwise. Bottom hole location is projected to TD along the straight line connecting the surface location and the last survey station as run and official, unless so specified. Please read limitations and conditions of service on reverse side of this report. Thank you for using PSI as your surveying service provider.

Comments

Annular volume calculated for 4.5" casing
Ensign Drilling Rig 7
Thank you for choosing PSI Surveys"
API # 33-105-01720-00

Database File: 14H1-8
Field: Patthunter
Structure: Sec 14 T153N R102W
Slot: Johnsrud 5X-14H1
Created by: Depth to Point loaded (.TXT)