Company:
Well:
Field:
County:
State/Prov:
Country:
Rig:
Surface Location:
Bottom Hole Location:
Coordinates:
Elevation:
Directional Driller:
Survey Type:
Survey Date:
Survey Corp:
Job Number:
Declination:
Grid Correction:
Total Correction:
Proposed Direction:
Vertical Section Plane:
Magnetic Field Strength:
Magnetic Dip:
Magnetic Model:
Date Last Corrected:

PSI
PRECISION SURVEY INSTRUMENTS

CORPORATION DIRECTIONAL DRILLING SURVEY

Date: 2/24/2014
Page: 1 of 1

Survey Calculation Method: Minimum Curvature
Vertical Section Calculated from Well Head Location
Rectangular Coordinates Referenced to Well Head
Bearings are Referenced to Grid North
Dogleg Severity is in Degrees per 100 ft.

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	Vertical Section (ft)	Rectangular Coordinates (ft)		Dogleg Severity (°/100 ft)
					+N/-S	+E/-W	

Comments:

Annular volume calculated for 4.5" casing
Reference GR Drilling Rig Jet
Reference GR Drilling Rig Jet Offset
API #: 05-123-25455-00

Company Rep: WOS #6
Directional Performance: WOS #1
Directional Supervisor: Ryan Kay
Dataset Creation: Tue Aug 19 10:51:47 2008 by Log Data Ltd (TOP10
Dataset Filename: Base of Fox Hills (1317.0ft).dat

Gravity Corrected Azimuth: 0.00 (°)
Gamma Ray (GAPI): 300
Hole Depth (ft): 1317.00

Gravity Resistivity 2 (Ohm-m): 200 dB
Medium Resistivity (Ohm-m): 200 dB
Shallow Resistivity (Ohm-m): 200

Gravity Porosity (pu)
Neutron Porosity (pu)

Gravity Caliper (in): 300
Gamma Ray (GAPI): 300
MD (ft)

Gravity Resistivity 2 (Ohm-m): 200 dB
Medium Resistivity (Ohm-m): 200 dB
Shallow Resistivity (Ohm-m): 200

Gravity Porosity (pu)
Neutron Porosity (pu)

1:240 (ft)

1:60 (ft) Metric

Company Rep: WOS #6
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Gravity Porosity (pu)
Neutron Porosity (pu)

Gravity Caliper (in): 300
Gamma Ray (GAPI): 300
MD (ft)

Gravity Resistivity 2 (Ohm-m): 200 dB
Medium Resistivity (Ohm-m): 200 dB
Shallow Resistivity (Ohm-m): 200

Gravity Porosity (pu)
Neutron Porosity (pu)

1:240 (ft)

7.5 (ft) Metric

1:60 (ft) Metric

Metric Change

Gravity Caliper (in)
Gamma Ray (GAPI)
MD (ft)

Gravity Resistivity 2 (Ohm-m)
Medium Resistivity (Ohm-m)
Shallow Resistivity (Ohm-m)

Gravity Porosity (pu)
Neutron Porosity (pu)

1:240 (ft)