Bighorn 4S-17H-P2ST

Operator:	Oasis Petroleum	Well:	Bighorn 4S-17H-P2ST
Field:	Sanish	Location:	SW SW Sec 17 T153N R90W
Pool:	Bakken	Elevation:	GL: 2,000 KB: 2,026
Job Number:	6,000	API #:	33-053-06000
Rig:	Nabors B25		
Spud Date:	10/6/2014		
Date TD Reached:	10/15/2014		
Directional Supervisor:	Ryan Directional Service		

Surface Hole Loc:	250' FSL & 250' FWL	Surface Coordinates:	48° 0' 33.19" N 103° 36' 11.49" W
Bottom Hole Loc:	250' FSL & 1,980' FEL	Bottom Hole Coordinates:	48° 0' 33.19" N 103° 35' 48.24" W
Closure Direction:	90.00°	Closure Distance:	1,730.00'
Total Depth:	21,000' MD, 10,777' TVD		

Ref. Elevation:	2,026' KB	Ground Elevation:	2,000'
Magnetic Declination:	8.30° E	Dip Angle:	73.04°
Magnetic Field Strength:	56,468.6 nT	Date:	10/15/2014
Magnetic Model:	IGRF2010		

Vertical Section Azimuth:	90.00°	Vertical Section Origin:	0.00' N, 0.00' E
Horizontal Displacement:	1,730.00'		

Survey Calculation Method:	Minimum Curvature	Survey Tie-In:	Surface
Survey Company:	Ryan Directional Service		

Build Rate:	12.00°/100'	Turn Rate:	4.00°/100'
Drop Rate:	-12.00°/100'		

Proposed Direction:	90.00°	Proposed Dip Angle:	90.00°
Maximum Formation Dip:	90.00°	Formation Dip Direction:	180.00°

Gamma Tool:	30' Inside Casing	Gamma Offset:	30'
Inclination Tool:	30' Inside Casing	Inclination Offset:	30'
Azimuth Tool:	30' Inside Casing	Azimuth Offset:	30'

Survey Tool Type:	MWD	Survey Offset:	30'

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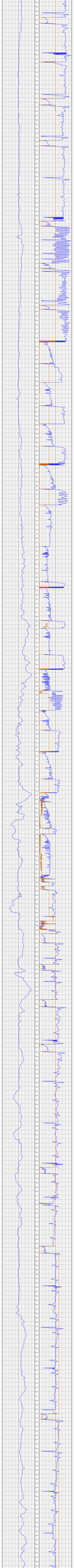
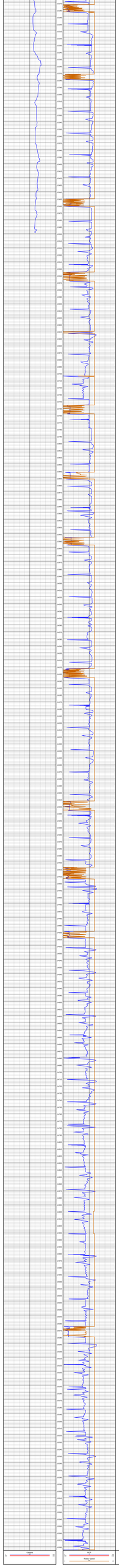
Tie	MD	Inc	Azi	TVD	N/S	E/W	VS	DLS	Build	Turn




Caliper
Gamma Ray
ROP
Resistivity