Tucker

Sperry-Sun

Drilling Services

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Alaska Oil & Gas Cons. Comm.

Anchorage

Survey Report

Company: BP Exploration (Alaska) Inc.
Field: Prudhoe Bay Unit - WOA
Site: PB S Pad
Well: Plan 15, S-08
Wellpath: S-08 PB1

Date: 2/26/2014
Co-ordinate(NE) Reference: Well: Plan 15, S-08, True North
Vertical (TVD) Reference: SLOT 08 @ 64.00ft (Doyon 16)
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Survey Calculation Method: Minimum Curvature
Db: Oracle

Survey MD: 0.00ft to 11,400.00ft
Survey: MWD

Project: Prudhoe Bay Unit - WOA
Site: PB S Pad
Well: Plan 15, S-08
Wellpath: S-08 PB1

Magnetic Model: BGGM 2013
Magnetic Declination: 17.31°
Dip Angle: 80.94°
Magnetic Field Strength: 57600.0nT

Site Position:
From: Map
Northing: 5,959,443.59ft
Easting: 687,970.20ft
Position Uncertainty: 0.00ft

Slot Name: 08
Well Position: +N/-S 1,662.00ft Northing: 5,961,105.59ft
+E/-W 1,116.00ft Easting: 689,086.20ft
Position Uncertainty: 0.00ft

Wellpath: S-08 PB1
Current Datum: SLOT 08 @ 64.00ft (Doyon 16)
Height 64.00ft
Magnetic Data: 2/26/2014
Field Strength: 57600nT
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
ft ft ft °
0.00 0.00 0.00 90.00

Survey Program for Definitive Wellpath
Date: 2/26/2014 Validated: No Version: 0
From To Survey Toolcode Tool Name
ft ft
0.00 11,400.00 Survey MWD

Tool Strings Schematic

Tool String Schematic

Tool: MWD Length: 77.95 ft.
Weight/Joint: Head Office: Sand Service: Service Point:
Tool: MWD Length: 77.95 ft.
Weight/Joint: Head Office: Sand Service: Service Point:
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Weight/Joint: Head Office: Sand Service: Service Point:
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Weight/Joint: Head Office: Sand Service: Service Point:
Tool: MWD Length: 77.95 ft.
Weight/Joint: Head Office: Sand Service: Service Point:

Casing Schematic

1:600 SECTION

1:600 SECTION

1:200 MAIN SECTION

1:200 MAIN SECTION

1:200 REPEAT SECTION

1:200 REPEAT SECTION