NOTICE:
BHGE shall not be responsible for any loss, cost, damages or expenses incurred or sustained in connection with any decision made by any party based on any data or recommendation furnished by BHGE in any form or manner whether such data or recommendation has been supplied negligently or otherwise, and whether or not any report is requested by any party.

Company : Anadarko
Well : Howard Federal 16N-28H2
Rig(s) : MWD-M - 7500.00 feet
Survey Calculation Method : Minimum Curvature

Gamma Ray Apparent 2.5 ft Avg GRAX

Rate of Penetration 2.5 ft Avg ROPA

Surface Weight On Bit 1.0 ft Avg WOBA

Downhole Temperature TCDA

Gas Ratio 1

ROPA

WOBA

TCDA

GRAX

Gamma Ray Apparent 2.5 ft Avg GRAX

Rate of Penetration 2.5 ft Avg ROPA

Surface Weight On Bit 1.0 ft Avg WOBA

Downhole Temperature TCDA

ROPA

WOBA

TCDA

GRAX

ADVANTAGE Final Bureau Listing

Operator : Anadarko
Rig Name : Precision Drilling 565
Revision : Howard Federal 16N-28H2 (Proj 7500)

FWE : Mean Sea/Horizon Minimum
Vertical Section Azimuth : 90.000°

API No : 05-123-39330
Date : 10/8/2018

Well Origin

Latitude	40.413°0' Hrs	Longitude	104.43°0' Hrs
Vertical Reference	KB	Horizontal Datum	NAD83
Vertical Datum is	Ground Level	Vertical Datum is	KB Rig
Vertical Section North	0.000 ft	Vertical Section East	0.000 ft
Vertical Section North	0.000 ft	Vertical Section East	0.000 ft
Grid Convergence	0.000°	Magnetic Declination	8.000°
Total Correction	8.000°	TVD Calculation Method	Minimum Curvature
Drilled Calculation	Minimum Curvature	Local Magnetic Field	56777 nT
Local Magnetic Dip Angle	63.000°	Local Gravity Field	1.000 g

Tie	MD	Incl	Azim	North	East	TVD	VS	Dls Lev	Dls Lat	Dls Dep	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg/100ft	deg/100ft
	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	100.00	0.000	0.000	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	200.00	0.000	0.000	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
	300.00	0.000	0.000	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
	400.00	0.000	0.000	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
	500.00	0.000	0.000	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
	600.00	0.000	0.000	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
	700.00	0.000	0.000	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
	800.00	0.000	0.000	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
	900.00	0.000	0.000	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
	1000.00	0.000	0.000	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00
	1100.00	0.000	0.000	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00
	1200.00	0.000	0.000	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00
	1300.00	0.000	0.000	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00
	1400.00	0.000	0.000	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00
	1500.00	0.000	0.000	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00
	1600.00	0.000	0.000	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00
	1700.00	0.000	0.000	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00
	1800.00	0.000	0.000	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00
	1900.00	0.000	0.000	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00
	2000.00	0.000	0.000	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00
	2100.00	0.000	0.000	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00
	2200.00	0.000	0.000	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00
	2300.00	0.000	0.000	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00
	2400.00	0.000	0.000	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00
	2500.00	0.000	0.000	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00
	2600.00	0.000	0.000	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00
	2700.00	0.000	0.000	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00
	2800.00	0.000	0.000	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00
	2900.00	0.000	0.000	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00
	3000.00	0.000	0.000	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00
	3100.00	0.000	0.000	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00
	3200.00	0.000	0.000	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00
	3300.00	0.000	0.000	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00
	3400.00	0.000	0.000	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00
	3500.00	0.000	0.000	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00
	3600.00	0.000	0.000	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00
	3700.00	0.000	0.000	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00
	3800.00	0.000	0.000	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00
	3900.00	0.000	0.000	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00
	4000.00	0.000	0.000	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00
	4100.00	0.000	0.000	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00
	4200.00	0.000	0.000	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00
	4300.00	0.000	0.000	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00
	4400.00	0.000	0.000	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00
	4500.00	0.000	0.000	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00
	4600.00	0.000	0.000	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00
	4700.00	0.000	0.000	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00
	4800.00	0.000	0.000	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00
	4900.00	0.000	0.000	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00
	5000.00	0.000	0.000	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00
	5100.00	0.000	0.000	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00
	5200.00	0.000	0.000	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00
	5300.00	0.000	0.000	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00
	5400.00	0.000	0.000	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00
	5500.00	0.000	0.000	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00
	5600.00	0.000	0.000	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00
	5700.00	0.000	0.000	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00
	5800.00	0.000	0.000	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00
	5900.00	0.000	0.000	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00
	6000.00	0.000	0.000	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00
	6100.00	0.000	0.000	0.00	0.00	6100.00	0.00	0.00	0.00	0.00	0.00	0.00
	6200.00	0.000	0.000	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	0.00	0.00
	6300.00	0.000	0.000	0.00	0.00	6300.00	0.00	0.00	0.00	0.00	0.00	0.00
	6400.00	0.000	0.000	0.00	0.00	6400.00	0.00	0.00	0.00	0.00	0.00	0.00
	6500.00	0.000	0.000	0.00	0.00	6500.00	0.00	0.00	0.00	0.00	0.00	0.00
	6600.00	0.000	0.000	0.00	0.00	6600.00	0.00	0.00	0.00	0.00	0.00	0.00
	6700.00	0.000	0.000	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	0.00	0.00
	6800.00	0.000	0.000	0.00	0.00	6800.00	0.00	0.00	0.00	0.00	0.00	0.00
	6900.00	0.000	0.000	0.00	0.00	6900.00	0.00	0.00	0.00	0.00	0.00	0.00
	7000.00	0.000	0.000	0.00	0.00	7000.00	0.00	0.00	0.00	0.00	0.00	0.00
	7100.00	0.000	0.000	0.00	0.00	7100.00	0.00	0.00	0.00	0.00	0.00	0.00
	7200.00	0.000	0.000	0.00	0.00	7200.00	0.00	0.00	0.00	0.00	0.00	0.00
	7300.00	0.000	0.000	0.00	0.00	7300.00	0.00	0.00	0.00	0.00	0.00	0.00
	7400.00	0.000	0.000	0.00	0.00	7400.00	0.00	0.00	0.00	0.00	0.00	0.00
	7500.00	0.000	0.000	0.00	0.00	7500.00	0.00	0.00	0.00	0.00	0.00	0.00