



BLUE RIDGE MOUNTAIN RESOURCES

Location: Tyler County, WV
 Field: Tyler
 Facility: Meckley Pad

Slot: Slot #06
 Well: Wells Meckley 1403MH
 Wellbore: Wells Meckley 1403MH PWB



API: 47-095-02153-0000
BHI Job #: 8906038
Rig: H&P 371
Duration: 12.05.2017 - 12.11.2017

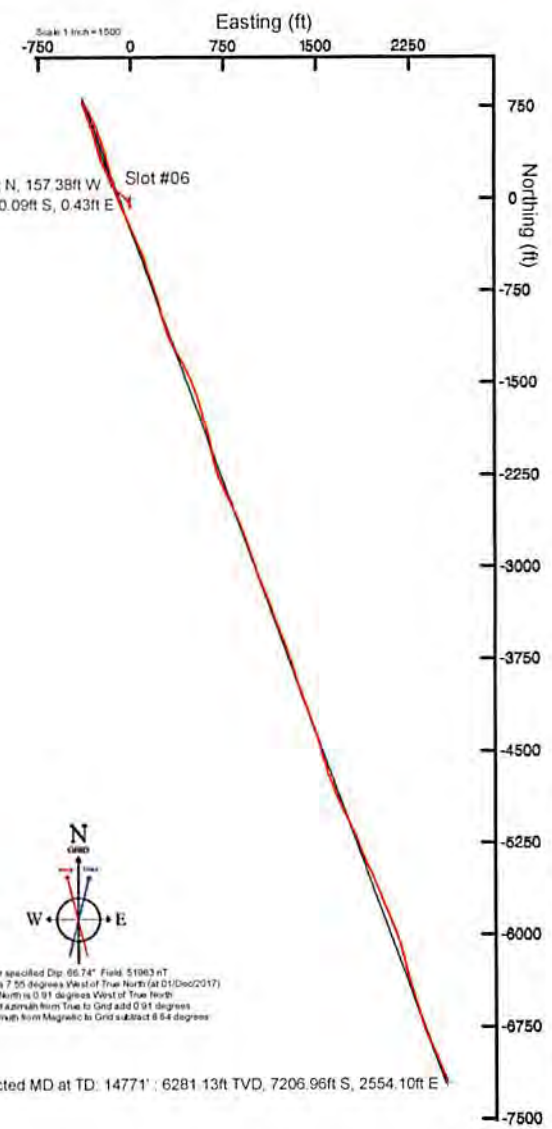
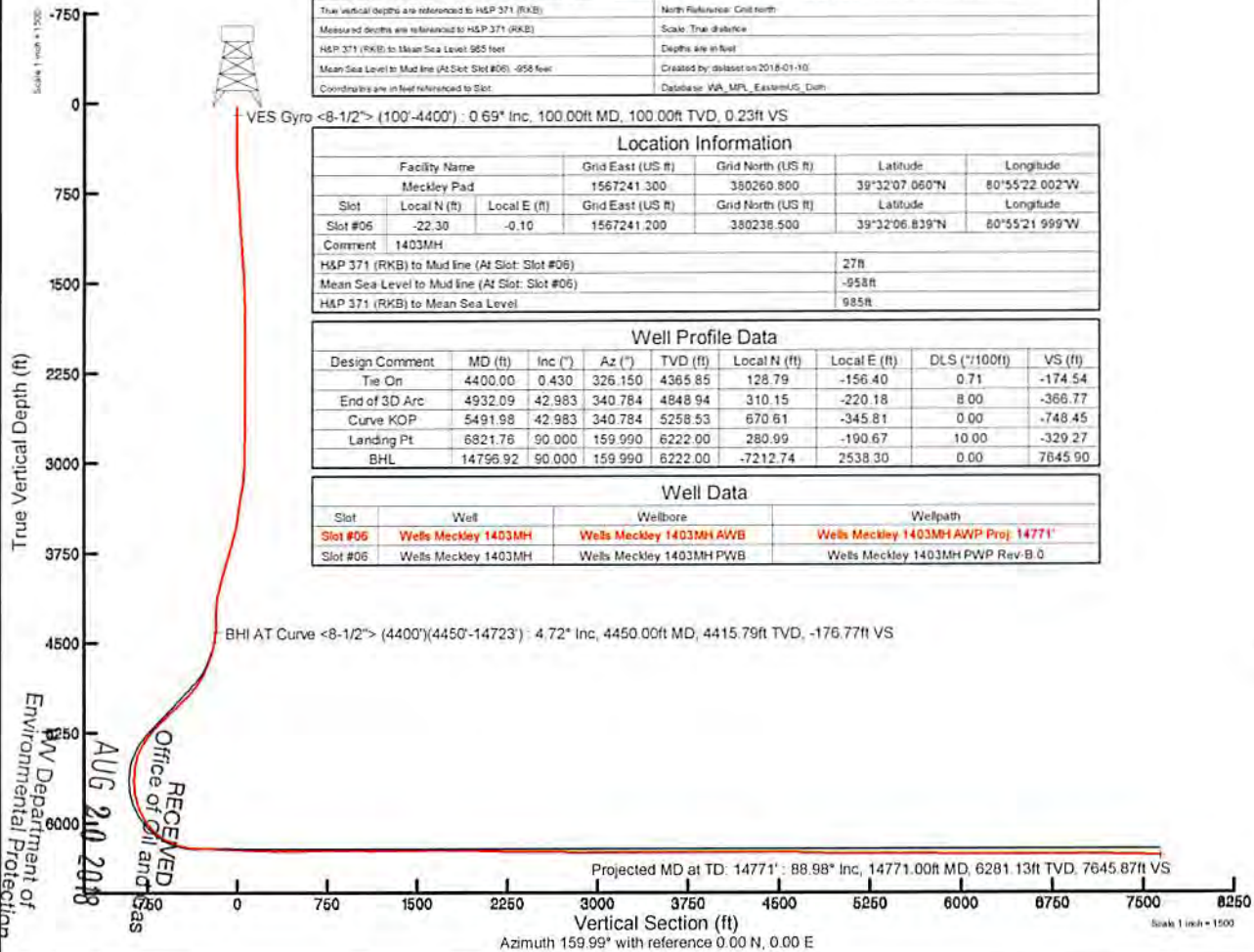
BHI AT Curve <8-1/2"> (4400')(4450'-14723') : 4415.79ft TVD, 130.81ft N, 157.38ft W
 VES Gyro <8-1/2"> (100'-4400') : 100.00ft TVD, 0.09ft S, 0.43ft E

Plot reference wellpath is Wells Meckley 1403MH PWB Rev-B 0	Grid System: NAD83 / Lambert West Virginia S.P. Northern Zone (4701), US feet
The vertical depths are referenced to H&P 371 (RKB)	North Reference: Grid north
Measured depths are referenced to H&P 371 (RKB)	Scale: True distance
H&P 371 (RKB) to Mean Sea Level: 958 feet	Depths are in feet
Mean Sea Level to Mud line (At Slot Slot #06) : 958 feet	Created by: dallas on 2018-01-10
Coordinates are in feet referenced to Slot	Database: VA_MPL_Extimus_Datb

Location Information						
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Meckley Pad	1567241.300	380260.800	39°32'07.060"N	80°55'22.002"W		
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Slot #06	-22.30	-0.10	1567241.200	380238.500	39°32'06.839"N	80°55'21.999"W
Comment: 1403MH						
H&P 371 (RKB) to Mud line (At Slot: Slot #06)					27ft	
Mean Sea Level to Mud line (At Slot: Slot #06)					-958ft	
H&P 371 (RKB) to Mean Sea Level					985ft	

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS ("/100ft)	VS (ft)
Tie On	4400.00	0.430	326.150	4365.85	128.79	-156.40	0.71	-174.54
End of 3D Arc	4932.09	42.983	340.784	4848.94	310.15	-220.18	8.00	-366.77
Curve KOP	5491.98	42.983	340.784	5258.53	670.61	-345.81	0.00	-748.45
Landing Pt	6821.76	90.000	159.990	6222.00	280.99	-190.67	10.00	-329.27
BHL	14796.92	90.000	159.990	6222.00	-7212.74	2538.30	0.00	7645.90

Well Data			
Slot	Well	Wellbore	Wellpath
Slot #06	Wells Meckley 1403MH	Wells Meckley 1403MH AWB	Wells Meckley 1403MH AWP Proj. 14771'
Slot #06	Wells Meckley 1403MH	Wells Meckley 1403MH PWB	Wells Meckley 1403MH PWB Rev-B 0



Use specified Dip: 66.74° Field: 51963 nT
 Magnetic North is 7.55 degrees West of True North (at 01/Dec/2017)
 Grid North is 0.91 degrees West of True North
 To correct azimuth from True to Grid add 0.91 degrees
 To correct azimuth from Magnetic to Grid subtract 6.64 degrees

Projected MD at TD: 14771' : 6281.13ft TVD, 7206.96ft S, 2554.10ft E

WV Department of Environmental Protection
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 Office of Oil and Gas
 AUG 20 2018