

**Augustus Energy Partners II, LLC**  
**BHR Fee J22-397**  
**WELL SUMMARY**



Pad Loc: 22-3N-97W COUNTY: Rio Blanco WELL: BHR Fee J22-397 Surf/Minerals: FEE / FEE			SURF LOC: Sec 22 T3N-R97W SHL (NAD83 CO N. 501): Lat: 40.211953 Long:-108.25961 BHL: Sec 22 T3N-R97W BHL LOC (NAD83 CO N 501): Lat: 40°12'43.031 / Lon: -108°15'34.596				ENG: Steven Henning RIG: TBD GLE: 5,889' RKBE: TBD			
MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH		CASING PROFILE		HOLE SIZE	CASING SPECS	MW MUD TYPE	DEVIATION INFORMATION
		Wasatch	80'	80'			24"	20" 104# XHY PE		
MWD Surveys every 90'	None	Mesaverde  Loss Zone 1	1,181'  2,447'	1,181'	BHT: 110°		12 1/4"	9-5/8" 36# J-55 STC Torque (ft-lbs): Min - 2960 / Opt. - 3940 / Max - 4930  Lead-12.0ppg, yld 2.53, w/ 50% excess Cement from 2,500' to surface Tail-12.5ppg,Class G yld 2.22, 0% xs Cement from TD to 2,500'	Gel Mud (WBM) < 9.0 ppg  Vis: 60-80 WL: 6-8cc	Vertical  <1°
MWD Gamma Surveys every 90'	Mud Logging start out from shoe.	Rollins Loss Zone 2  Sego-Lower  Castlegate  Mancos -Mrkr 6  NIOBRARA Buck Peak	4,680' 5,047'  5,960'  6,382'  7,739'	4,717'   6,067"  6,511'  7,942'		Interval will be cased off to 9,600' with intermediate csg after sidetrack  Sidetrack 9,000'				Directional  KOP 3400' 2 deg/100' Hold 18.5 deg to 9,367' Drop 2 deg/100' to 10,294'
MWD Gamma Surveys every 90'	Log #1: Quad combo tool (spectral GR / Induction / Neutron- Density / Dipole Sonic	Tow Creek  Wolf Mtn  Hot Wolf Mtn - Rangely Bench  Horizontal Target	9,528'  9,905'  10,237'	9,819'  10,198'  10,531'	CORE POINT 10,221' to 10,321' (100')	Cement Plug #4 9,653' - 9,000' 17.5 lb/gal 0.94ft³/sk  Cement Plug #3 10,253' - 9,653' 15.8 lb/gal 1.51ft³/sk	8-3/4"		WBM LSND MW < 9.0 ppg WL < 6.0cc Vis: - 45-60 YP: 16-22 Air Blown Ground Asphalt, X ppb	Vertical to TD
MWD Gamma Surveys every 90'	Log#2: FMI resistivity imaging log	Fort Hayes  Carlile  Juana Lopez  Frontier  Mowry  Dakota  TD	10,733' 10,747' 10,847' 10,907' 11,170' 11,245'	11,027' 11,040' 11,140' 11,200' 11,463' 11,539'	CORE POINT 10,807' to 11,067' (260')  BHT: 270°	Cement Plug #2 10,853' - 10,253' 15.8 lb/gal 1.51ft³/sk  Cement Plug #1 11,667' - 10,853' 15.8 lb/gal 1.51ft³/sk		MASP: (0.6-.22)*11,349' = 4,313psi 5M BOPE System will be used		

**NOTES:**