

**Augustus Energy Partners II, LLC**  
**BHR Fed J22-15-397-2RH**  
**WELL SUMMARY**



<b>Pad Loc: 22-3N-97W</b> <b>COUNTY: Rio Blanco</b> <b>WELL: BHR Fed J22-15-397-2RH</b> <b>Surf/Minerals: FEE / FED</b>			<b>SURF LOC: Sec 22 T3N-R97W</b> <b>SHL (NAD83 CO N. 501): Lat: 40.211953 Long:-108.25961</b> <b>BHL: Sec 15 T3N-R97W 600' FNL &amp; 990' FEL</b> <b>BHL (NAD83 CO N. 501): Lat: 40.2345465037 Long: -108.258547329</b>				<b>ENG: Steven Henning</b> <b>RIG: TBD</b> <b>GLE: 5,889'</b> <u>Date</u> <b>RKBE: 24.5</b> 5/9/2017		
MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH		CASING PROFILE	HOLE SIZE	CASING SPECS	MW MUD TYPE	DEVIATION INFORMATION
		Wasatch	80'	80'		26	20" 0.5" wall 104#		
MWD Surveys every 90'	None	Mesaverde  Loss Zone 1	1,181'  2,471'  3,300'	1,181'    3,300'	BHT: 110°	17 1/2"	<b>13-3/8" 68# J55 BTC</b> Collapse: 1,950 psi / Burst: 3,450 psi Tension: 1,069 klbs  Lead-12.0ppg, yld 2.53, w/ 50% excess Cement from 2,800' to surface Tail-12.5ppg, Class G yld 2.22, 0% xs Cement from TD to 2,800'	<b>Gel Mud (WBM)</b> < 9.0 ppg  <b>Vis: 60-80</b> WL: 6-8cc	Vertical  <1°
MWD Gamma Surveys every 90'	None  Cased hole Temp log required 6 hrs after cement	Rollins Loss Zone 2  Sego-Lower  Castlegate  Mancos -Mrkr 6  <b>NIOBRARA</b> Buck Peak	4,680' 5,071'  5,960'  6,382'  7,739'  9,068'  <b>9,324'</b>	4,717'  6,067'  6,511'  7,942'  9,344'  <b>9,600'</b>	BHT: 250°	12-1/4"	<b>9-5/8" 43.5# HCP110</b>  Collapse: 5,440 psi / Burst: 8,710 psi Tension: 1,381 klbs  Lead- 12.5 ppg, yld 2.07 Cmt: Top of Mancos to TOC Tail-13.5 ppg, yld 1.90 Cement - TD to 200'>Top of Mancos TOC = 200' > Shoe	<b>WBM LSND</b> MW: 9.0 ppg WL < 6.0cc Vis: - 45-60 YP: 16-22  Air Blown Ground Asphalt, X ppb	Directional  KOP 3400' 2 deg/100' Hold 18.5 deg to csg point
MWD AZI Gamma Surveys every 90'	None	Tow Creek  Wolf Mtn  Hot Wolf Mtn - Rangely Bench  TOP TARGET  TARGET  BASE TARGET  Fort Hayes Carlile	9,527'  9,758'  10,137'  10,151'  10,181'  10,213'  10,709' 10,722'	9,781'  10,015'  10,491'  10,521'  10,580'  10,656'  10,722'		8-1/2"	<b>5-1/2" 20# P110 HTQ</b>  Collapse: 11,100psi / Burst: 12,650psi  Cement 13.5 ppg, yld 1.85 Cement TD to 200' above shoe 20% xs	<b>OBM</b>  11.0-12.0 ppg	Whip: 9747'-9762' MD  KOP 9812 8 deg/100'  TD = 20,110' 11,111' TVD
					LP: 10,260' TVD / 10,860'MD      BHT: 250°				
					8.5"      9,403' Lateral      11 ppg - 12.0 ppg				

**NOTES:**