

Augustus Energy Partners II, LLC
BHR Fed O23-14-397-4RH
WELL SUMMARY



Pad Loc: 23-3N-97W COUNTY: Rio Blanco WELL: BHR Fed O23-14-397-4RH Surf/Minerals: FEE / FED			SURF LOC: Sec 23 T3N-R97W SHL (NAD83 CO N. 501): Lat: N40°12'31.01954" Long: W108°14'25.91595" BHL: Sec 14 T3N-R97W 600' FNL & 2310' FEL BHL (NAD83 CO N. 501): Lat: 40.234524 Long: -108.24434				ENG: Steven Henning RIG: TBD GLE: 6,077.5' Date KB: 24.5 6/16/2017		
MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH (KB)		CASING PROFILE	HOLE SIZE	CASING SPECS	MW MUD TYPE	DEVIATION INFORMATION
			TVD	MD					
		Wasatch	80'	80'		26"	20" 0.5" wall 104#		
MWD Surveys every 90'	None	Mesaverde Loss Zone 1	1,847' 3,137'	1,847' 3,300'		12 1/4"	9-5/8" 36# J-55 STC Collapse: 2,020 psi / Burst: 3,520 psi Tension: 394 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'	Gel Mud (WBM) < 9.0 ppg Vis: 60-80 WL: 6-8cc	Vertical <1°
MWD Gamma Surveys every 90'	None	Rollins Loss Zone 2 Sego-Lower Castlegate Mancos -Mrkr 6 NIOBRARA Buck Peak	5,346' 5,737' 6,626' 7,047' 8,404' 9,733'	5,370' 6,669' 7,096' 8,473' 9,822'		8-3/4"	7" 26.0# HCL80 LTC Collapse: 6,370 psi / Burst: 7,250 psi Tension: 511 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	WBM LSND 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 9.78 deg to csg point
MWD AZI Gamma Surveys every 90'	None	Kick-off Tow Creek Wolf Mtn Hot Wolf Mtn - Rangely Bench TOP TARGET TARGET BASE TARGET	10,090' 10,193' 10,570' 10,903' 10,936' 10,961' 10,986'	10,184' 10,288' 10,698' 11,798'		6-1/8"	4-1/2" 15.1# P-110 Liner Collapse: 14,350 psi Burst: 14,420 psi Tension: 485 klbs Top of Liner & 9,900' Cement 13.5 ppg, yld 1.85 Cement TD to 200' above TOL 20% xs	OBM 11.0-12.0 ppg	KOP 10,184' 8 deg/100' TD = 20,707' 11,798' TVD
					LP: 10,858' TVD / 11,300' MD BHT: 260°-265°				

NOTES: