

Augustus Energy Partners II, LLC
BHR Fed O23-14-397-2RH
WELL SUMMARY



Pad Loc: 23-3N-97W COUNTY: Rio Blanco WELL: BHR Fed O23-14-397-2RH Surf/Minerals: FEE / FED			SURF LOC: Sec 23 T3N-R97W SHL (NAD83 CO N. 501): Lat: 40.20972 Long: -108.24106 BHL: Sec 14 T3N-R97W 600' FNL & 990' FEL BHL (NAD83 CO N. 501): Lat: 40.234518 Long: -108.239614				ENG: Steven Henning RIG: TBD GLE: 6,023' KB: 24.5 Date: 5/9/2017			
MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH (KB)		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	1,830' 3,120'	1,830'	BHT: 110°		17 1/2"	13-3/8" 68# J55 BTC 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'	Gel Mud (WBM) < 9.0 ppg Vis: 60-80 WL: 6-8cc	Nudge for AC KOP 1500' 2 deg/100' Hold 4 deg to csg point
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 NIOBRARA Buck Peak	5,306' 5,720' 6,569' 6,985' 8,323' 9,635'	5,330' 6,608' 7,028' 8,382' 9,709'	BHT: 250°		12-1/4"	9-5/8" 43.5# HCP110 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	WBM LSND MW < 9.0 ppg WL < 6.0cc Vis: - 45-60 YP: 16-22 Air Blown Ground Asphalt, X ppb	Directional KOP 3404' 2 deg/100' Hold 8.7 deg to csg point
MWD AZI Gamma Surveys every 90'	None	Tow Creek Kick-off Wolf Mtn Hot Wolf Mtn - Rangely Bench TOP TARGET TARGET BASE TARGET Fort Hayes Carlile	10,089' 10,123' 10,468' 10,827' 10,866' 10,897' 10,936' 11,357' 11,370'	10,168' 10,203' 10,553' 11,018' 11,096' 11,174' 11,326'			8-1/2"	5-1/2" 20# P110 HTQ Collapse: 11,100psi / Burst: 12,650psi Cement 13.5 ppg, yld 1.85 Cement TD to 200' above shoe 20% xs	OBM 11.0-12.0 ppg	KOP 10,203' 8 deg/100' TD = 20,767' 11,804' TVD
					LP: 10,942' TVD / 11,368'MD		8.5"	9,399' Lateral	11 ppg - 12.0 ppg	
							BHT: 260°-265°			

NOTES: