

GLADE West: WBD

Est Temp (F)	Formation	Top (TVD)	Top (MD)	Shoe Depth	Casing and Hole Size	Cement	Mud																				
110	FXHL_MKR	1091	1091		17.5" OH	Surface Cement <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">TOC</th> <th style="text-align: center;">Density</th> <th colspan="2" style="text-align: center;">Volume</th> </tr> <tr> <th></th> <th></th> <th></th> <th style="text-align: center;">bbls</th> <th style="text-align: center;">sks</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px solid black;">Lead</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">13.5 ppg</td> <td style="text-align: center;">229</td> <td style="text-align: center;">555</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Tail</td> <td style="text-align: center;">1850'</td> <td style="text-align: center;">14.8 ppg</td> <td style="text-align: center;">67</td> <td style="text-align: center;">207</td> </tr> </tbody> </table> <p style="margin-left: 20px;">Notes: <ul style="list-style-type: none"> TOC at surface All cement shall conform to ECMC rules </p>		TOC	Density	Volume					bbls	sks	Lead	0'	13.5 ppg	229	555	Tail	1850'	14.8 ppg	67	207	Fresh Water 8.4 - 8.8 ppg
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				2350' MD 2350' TVD	13.375" 54.5ppf L-80 BTC																						
135	SSSX	4311	4311			Intermediate Cement <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">TOC</th> <th style="text-align: center;">Density</th> <th colspan="2" style="text-align: center;">Volume</th> </tr> <tr> <th></th> <th></th> <th></th> <th style="text-align: center;">bbls</th> <th style="text-align: center;">sks</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px solid black;">Lead</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">12.5 ppg</td> <td style="text-align: center;">417</td> <td style="text-align: center;">1090</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Tail</td> <td style="text-align: center;">7101'</td> <td style="text-align: center;">13.2 ppg</td> <td style="text-align: center;">197</td> <td style="text-align: center;">596</td> </tr> </tbody> </table> <p style="margin-left: 20px;">Notes: <ul style="list-style-type: none"> All cement shall conform to ECMC rules </p>		TOC	Density	Volume					bbls	sks	Lead	0'	12.5 ppg	417	1090	Tail	7101'	13.2 ppg	197	596	
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265	CRLL	7372	7372																								
266	GRNR	7410	7410																								
267	GRRS	7622	7622																								
270	DKOTJ	7784	7784																								
279	MRSN	7942	7942																								
288	LYNS	9044	9044																								
294	WFMP	9401	9402																								
300	PENN	9818	9823																								
304	FNTN	10038	10047	Begin Tangent: 8800' TVD																							
300+	PCMB	10556	10573	10624' MD 10606' TVD	9.625" 47ppf P110-IC ER																						
						<p style="margin-left: 20px;">Notes: <ul style="list-style-type: none"> No Casing or Cement Planned in this interval TPZ is considered the basement top </p>	SBM 8.8 - 9.6 ppg																				
500+	Basement				8.5" OH																						
					TD: 20133' MD 20000' TVD		TD: 20133' MD 20000' TVD OH Length: 9706'																				