CONFIDENTIAL 6-29-2010

Group	Formation	GL	ASL	Buzzard 7 20-May 15:00 859	COMMENTS
Marmaton		0	859	Surface Casing	
		5	854		
		10	849		
		15	844		
		20	839		20-42 lt gy sh
		25	834		
		30	829		
		35	824		
	Higginsville LS	40	819		
		45	814		42-54 limestone
		50	809		
		55	804		55-70 dk gy/blk sh
	L Osage Sh	60	799		
		65	794		
		70	789		
		75	784		70-90 limestone
	Blackjack Creek LS	80	779		
		85	774		
		90	769		
Cherokee	Mulky	95	764		90-95 coal
		100	759		95-102 dk gy sh
		105	754		102-108 coal
		110	749		
		115	744		108-132 gy sh
		120	739		
		125	734		
	Verdigris	130	729		132-135 limestone
		135	724		
		140	719		
		145	714		
		150	709		135-174 dk gy sh
		155	704		
		160	699		
		165	694		
		170	689		174-175 limestone
		175	684		175-185 lt gy sh
		180	679		185-186 limestone
		185	674		186-192 dk gy sh
	Weir	190	669		192-195 coal
		195	664		
		200	659		195-218 dk gy sh
		205	654		
		210	649		
	Drywood	215	644		218-220 coal
		220	639		
		225	634		220-238 gy sh
		230	629		
		235	624		238-240 coal
		240	619		
		245	614		240-268 dk gy sh
		250	609		
		255	604		
		260	599		
		265	594		268-272 coal
		270	589		
		275	584		
		280	579		
		285	574		
		290	569		272-335 gy sh
		295	564		
		300	559		
		305	554		
		310	549		
		315	544		
		320	539		
		325	534		
		330	529		
	Blue Jacket	335	524		335-337 sand
		340	519		
		345	514		337-364 gy sh
		350	509		
		355	504		
		360	499		
	U Warner	365	494		364-368 brn sand, stn
		370	489		370-374 sand, no stn
	L Warner	375	484		
		380	479		374-394 sand, wet
		385	474		
		390	469		
		395	464		394-410 wet sand
		400	459		w sh stringers
	Hartshorne	405	454		
Atoka	Riverton	410	449		410-440 shale
		415	444		
		420	439		
		425	434		
		430	429		
		435	424		
		440	419	TD @ 440	

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