

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	2740'	2740'	Sand and shale
2740'	2835'	95'	Sand and shale - speckled coal
2835'	3665'	830'	Sand and shale
3665'	3722'	57'	Hard sand and shale
3722'	4660'	938'	Sand and shale - broken coal
4660'	5075'	415'	Sand and shale
5075'	5130'	55'	Coal, sand and shale
5130'	5245'	115'	Sand and shale
5245'	5295'	50'	Sand
5295'	5660'	365'	Sand and shale
5660'	5675'	15'	Shale
5675'	7040'	1365'	Sand and shale
7040'	7080'	40'	Sandy lime
7080'	7108'	28'	Sand and shale
7108'	7130'	22'	Sand
7130'	7135'	5'	Shale
7135'	7283'	148'	Shale
7283'	7305'	22'	Sand
7305'	7312'	7'	Sand
7312'	7380'	68'	Hard Sand
7381'	7460'	79'	Sand
7460'	7487'	27'	Hard Sand
7487'	7507'	20'	Sandy shale
7507'	7528'	21'	Greenish shale & sand
7528'	7540'	12'	Sandy shale and lime
7540'	7572'	32'	Green shale, lime and sand
7572'	7583'	11'	Hard green shale and sand - spots of lime
7583'	7592'	9'	Sand, shale and lime
7592'	7602'	10'	Sandy shale and lime
7602'	7637'	35'	Sand and shale

FORMATION TOPS

Top of the Lured Cliffs	2839'
Top of the Cliff House	4520'
Top of the Menefee	4572'
Top of Point Lookout	5158'
Top of the Tocco	6152'
Top of the Dakota	7095'
Top of the Morrison	7365'