

011582

August, 1942

15-167-06221

Hess, # 1 Reinhardt
NE SW, 36-123-14W
Elev. 1595'

Cable tools

Pennsylvanian Conglomerate None

Decorah	Top 3113'	Thickness 27'	Top, Subsea -1518'
	3113-3125	Shale, bright green and maroon, waxy, slightly sandy, not laminated.	
	3125-3132	Yellow green clay shale with imbedded dark red dolomite rhombs.	
	3132-3140	Shales as above and some consolidated sand, fine, sharp (recrystallized), calcareous.	

Arbuckle	Top 3140'	Penetration 25'	Subsea -1545'
	3140-3147	Dolomite, reddish brown, medium. Reported some water in hole at 3140'; either from very top of Arbuckle or from Decorah sand, or both.	
	3147-3150	No sample	
	3150-3165 TD	Dolomite, light brown to white, medium with 15% rather clear chert, numerous oolitic. Two clean samples; suggests pipe or liner run at 3150'. 1000' of Water at TD.	

Remarks: Cotter or Miller Purcell, Cotter preferred on present data. Samples poor throughout due to savings, except as noted.

RFW & ML