

DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE 1-9-84
 STREET ADDRESS _____ TEST # 1 E. LOG yes
 CITY & STATE Copeland, Kansas 67830 DRILLER Livingston
 COUNTY Gray QUARTER SW SECTION 32 TOWNSHIP 26 RANGE 30

LOCATION 18' NE of pivot

%	Footage		DESCRIPTION OF STRATA	Well Location
	From	Pay To		Static Water Level Proposed Well Depth
	0	3	Top soil sandy	513'
	3	10	Brown clay & sand stks.	
	10	26	Sand fine to med & clay stks.	
	26	39	Brown sandy clay caliche	
	39	90	Sand fine to med small to large gravel few cobble stones & few clay stks.	
	90	96	Brown sandy clay caliche	
80	96	33 129	Sand fine to med. coarse small to large gravel	
	129	136	Brown clay	
70	136	12 148	Sand fine to med. coarse small to med & very few clay stks	
	148	153	Brown sandy clay	
60	153	07 160	Sand fine to med coarse small gravel	
	160	191	Brown sandy clay & few fine sand stks.	
60	191	13 204	Sand fine to med. coarse small gravel	
	204	211	Brown sandy clay	
15	211	09 220	Lime rock, clay & few fine sand stks.	
	220	226	Brown clay limerock	
40	226	05 231	Sand fine small few coarse & small gravel limerock & Brown clay	
50	231	08 239	Sand fine to med coarse small gravel	
	239	269	Brown clay & fine sand stks.	
	269	280	Soapstone	
	280	340	Weathered shale	
	340	358	Shale - Limestone & few Dakota stks. Very hard in places Iron Pyrite	
	358	367	Shale soapstone & limestone ledges	
25	367	22 389	Dakota few ledges	
	389	446	Gray soapstone & shale stks. & few Dakota stks.	
20	446	21 467	Dakota & soapstone stks.	
	467	487	Shale & soapstone & limestone ledges	
20	487	23 510	Dakota & few soapstone stks. changed bits at 500'	
	510	565	Gray shale & soapstone few Dakota stks.	
	565	03 568	Dakota	
	568	615	Gray shale soapstone few Dakota stks. few iron pyrite stks.	
	615	700	Shale & iron pyrite ledges very hard	
				Well Location TD-513'
				Set up west - Pit on the north