

By hand *W. R. Ryan, Contractor.*

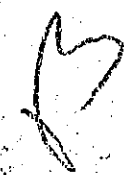
Do

Section 181/25 22.

9/21/11

9-32-1E

Plotted



WAITE PHILLIPS #1 HASKINS,  
SW COR. NE 1/4 SECTION 9-32-1 EAST,  
SUMNER COUNTY, KANSAS.

22. 1277 1275 F.G.H.

Dark soil	8		Soft white broken lime	1810	1 1/2 BW
Soft blue mud	40		Hard grey lime	1825	
Medium brown gravel	50	water.	Blue shale	1855	
Soft blue mud	205	20" at 157'	Hard grey lime	2005	1 1/2 BW
Medium grey lime	215	broken	Blue shale	2010	
Soft blue mud	255		Hard white lime	2220	
Hard grey lime	280		Blue shale	2240	
Soft blue mud	290		Grey sand	2245	
Soft red rock	295		Blue shale	2300	
Hard grey lime	330		Lime	2320	
Soft blue slate	340		Blue and red shale	2340	bad cave
Hard grey lime	350		Sandy lime	2360	
Soft blue mud	370		Blue shale	2430	
Hard grey lime	435		Lime (8" at	2435	
Soft blue mud	440		Blue shale 2580')	2610	
Medium grey lime	460		Black shale	2675	
Soft blue mud	465		Sand	2700	HFW
Hard grey lime	500		Lime	2705	
Soft light mud	515		Slate	2720	
Hard grey lime	570		Hard sand	2730	
Red rock	580		Blue shale	2800	
Hard grey lime	715		Broken shale and lime	2840	
Sand (little water)	745		Lime	2870	
Hard grey lime	770		Broken lime and slate	2910	
Soft blue mud	785		Dark slate	2945	
Hard brown lime	790		Hard lime	2950	
Soft red rock	800		Black slate	2960	
Hard grey lime	840		Hard lime	2980	
Soft blue mud	845		Sandy lime (water-2985')	3010	
Soft red rock	855		White lime	3015	
Hard grey lime	940		Blue slate	3125	cave
Blue mud	950		Lime	3150	
Blue lime	1005		Blue slate	3155	
Red rock	1025		Lime	3195	
Hard white lime	1050		Black slate	3200	
White slate	1125		Lime	3220	
Sand	1145		Black slate	3225	
White hard lime	1150		Lime	3230	
Blue shale	1190		Blue slate	3240	cave
Hard grey lime	1220		Hard lime (5" @ 3248')	3255	
Light gritty shale	1255		Blue slate	3260	
Hard grey lime	1255		Sand, hard shelly	3285	HFW
Brown shale	1270		Blue slate	3295	
Hard grey lime	1280		Lime (UR 5" to here)	3305	
Blue shale	1335		Blue slate	3315	
Light hard lime	1340		Lime	3325	
Shale	1355		Blue slate	3330	
Light hard lime	1350		Lime	3355	
Blue shale	1370		Blue slate	3375	
Sandy shale	1505		White lime	3415	
Soft light lime	1510		Light mud	3430	
Red rock	1515		Dark lime	3450	
Soft light lime	1520		Light slate	3495	
Blue shale	1560		Lime	3500	
Hard grey lime	1595		Blue slate	3540	
Blue shale-snells	1640		Lime	3550	
Red rock	1645		Red rock	3585	bad cav
Blue shale	1555		Lime	3610	
Light grey lime	1575		Sandy chat	3620	
Broken lime-shale	1690		(Top Mississippi lime at		
Dark shale	1710		3585' according to driller		
Shale and lime	1770		HFW at 3620		
Hard grey lime	1795				

Waite Phillips #1 Harkins (cont.)

Sandy chat	3645
Hard dark lime (SR 5" to 3653')	4000
Hard dark lime	4015
Black shale	4080
Sand (HFW at 4125')	4138

Total depth 4138'  
Dry and abandoned.

Furnished by W. H. Thralls  
426 N. Topeka  
Wichita, Kansas