

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Schmidt 10-14
 API # 15-091-24342-00-00
 SPUD DATE 8-04-14

Footage	Formation	Thickness	Set 43' of 7" TD 885'
2	Topsoil	2	
8	clay	6	Ran 877' of 2 7/8 on 8-5-14
30	lime	22	
33	shale	3	
71	lime	38	
93	shale	22	
117	lime	24	
162	shale	45	
171	lime	9	
188	shale	17	
213	lime	25	
233	shale	20	
250	lime	17	
297	shale	47	
370	lime	73	
542	shale	172	
548	lime	6	
564	shale	16	
570	lime	6	
584	shale	14	
590	lime	6	
615	shale	25	
620	red bed	5	
831	shale	211	
836	sand	5	strong bleed, good odor <i>5-6</i>
840	white mulky shale	4	
841	sand	1	very little bleed
845	black sand	4	no bleed <i>MD</i>
885	shale	40	