

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

Schmidt I-7
 API # 15-091-24310-00-00
 SPUD DATE 6-19-14

*Detuned
 6-14 & 7-14*

Footage	Formation	Thickness	Set 40' of 7" TD 918'
2	Topsoil	2	
27	clay	25	Ran 911' of 2 7/8 on 6-20-14
50	lime	23	
56	shale	6	
65	lime	9	
73	shale	8	
92	lime	19	
115	shale	23	
125	lime	10	
133	shale	8	
142	lime	9	
180	shale	38	
189	lime	9	
210	shale	21	
232	lime	22	
253	shale	21	
272	lime	19	
305	shale	33	
310	lime	5	
316	shale	6	
345	lime	29	
351	shale	6	
389	lime	38	
563	shale	174	hertha
569	lime	6	
582	shale	13	
591	lime	9	
605	shale	14	
610	lime	5	
730	shale	120	
733	oil sand	3	little bleed, good odor <i>Squined</i>
848	shale	115	
853	oil sand	5	good odor, good bleed
859	white mulky shale	6	
861	oil sand	2	good odor, good bleed
863	black sand	2	
918	shale	55	

12'

3'
2
5
2
2
7