

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

Schmidt 11-14  
 API # 15-091-24292-00-00  
 SPUD DATE 5-14-14

Footage	Formation	Thickness	Set 40' of 7" TD 870'
2	Topsoil	2	
6	clay	4	Ran 867' of 2 7/8 on 5-15-14
8	lime	2	
10	shale	2	
26	lime	16	
31	shale	5	
42	lime	11	
48	shale	6	
69	lime	21	
73	shale	4	
76	red bed	3	
89	shale	13	
115	lime	26	
131	shale	16	
138	lime	7	
145	sand	7	
155	shale	10	
170	lime	15	
189	shale	19	
196	lime	7	
204	shale	8	
213	lime	9	
231	shale	18	
255	lime	24	
295	shale	40	
320	lime	25	
328	shale	8	
369	lime	41	
430	shale	61	
432	lime	2	
540	shale	108	
547	lime	7	
586	shale	39	
590	lime	4	
617	shale	27	
626	lime	9	
830	shale	204	(very gassy)
835	oil sand	5	strong odor, good bleed 5
839	black sand	4	slight odor 4
870	shale	31	

5+