

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

Rogers #1-OE
 API #15-003-26154-00-00
 SPUD DATE 9-5-14

Footage	Formation	Thickness	Set 20' of 8 5/8"
2	Topsoil	2	TD 795'
25	lime	23	Ran 788' of 4 1/2 on 9-9-14
38	shale	13	
45	lime	7	
85	shale	40	
86	lime	1	
135	shale	49	
173	lime	38	
184	shale	11	
187	lime	3	
207	shale	20	
223	lime	16	
249	shale	26	
311	lime	62	
316	shale	5	
318	lime	2	
321	shale	3	
336	lime	15	
340	shale	4	
357	lime	17	
362	shale	5	
367	lime	5	
529	shale	162	Hertha
533	lime	4	
538	shale	5	
544	lime	6	
552	shale	8	
573	lime	21	
604	shale	31	
611	lime	7	
634	shale	23	
655	lime	21	
673	shale	18	
707	lime	34	
717	shale	10	
721	lime	4	
731	shale	10	

Rogers #1-OE
-continued-

Footage	Formation	Thickness	
740	mulky shale	9	
748	sandy/shale	8	slight odor
761	sand	13	washed sand
765	sand	4	good show on core
767	sandy/shale	2	light show
772	sand	5	good bleed
795	shale	23	