

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

Daniel #DN-10  
 API # 15-003-24883-00-00  
 SPUD DATE 8-11-10

Footage	Formation	Thickness	Set 20' of 8 5/8'
2	Topsoil	2	TD 771'
6	clay	4	Ran 768' of 2 7/8
7	lime	1	
8	shale	1	
33	lime	25	
55	shale	22	
60	lime	5	
112	shale	52	
119	lime	7	
125	shale	6	
192	lime	10	
202	shale	10	
212	lime	72	
284	shale	1	
385	lime	3	
388	red bed	24	
412	lime	24	
464	shale	52	
473	lime	9	
486	shale	13	
489	lime	3	
513	shale	24	
532	lime	19	
543	shale	11	
546	lime	3	
555	shale	9	
557	lime	2	
572	shale	15	
584	sandy shale	12	good odor – mostly shale
597	shale	13	
599	sandy shale	2	little odor + little bleed
718	shale	119	
727	sandy shale	9	good odor – little bleed
733	sand	6	top 3' real shaley
734	black sand	1	
771	shale	37	