

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

Daniel #DO-5  
API # 15-003-24905-00-00  
SPUD DATE 8-23-10

Footage	Formation	Thickness	Set 21' of 61/4" TD 774' Ran 772' of 2 7/8
2	Topsoil	2	
5	clay	3	
30	lime	25	
108	shale	78	
117	lime	9	
123	shale	6	
162	lime	39	
169	shale	7	
198	lime	29	
203	shale	5	
220	lime	17	
401	shale	181	
410	lime	9	
448	shale	38	
457	sand	9	
461	shale	4	
462	coal	1	
485	lime	23	
514	shale	29	
522	lime	8	
541	shale	19	
546	lime	5	
558	shale	12	
564	lime	6	
717	shale	153	
720	sandy shale	3	
731	sand	11	good odor and bleed
732	coal	1	
774	shale	42	