

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

Gordon #9A-2
 API # 15-091-24443-00-00
 SPUD DATE 12-22-16

Footage	Formation	Thickness	Set 41' of 7"
4	Topsoil	4	TD 918'
32	clay	28	Ran 914' of 2 7/8" on 12/30/16
37	lime	5	
41	shale	4	
46	lime	5	
55	shale	9	
85	lime	30	
93	shale	8	
112	lime	19	
132	shale	20	
174	lime	42	
185	shale	11	
214	lime	29	
225	shale	11	
243	lime	18	
258	shale	15	
264	lime	6	
271	shale	7	
280	lime	9	
309	shale	29	
311	lime	2	
321	shale	10	
349	lime	28	
356	shale	7	
387	lime	31	
394	shale	7	
399	lime	5	
570	shale	171	
594	lime & shale	24	
609	shale	15	
612	lime	3	
652	shale	40	
662	lime	10	
852	shale	190	
860	sand	8	good odor, good bleed
918	shale	58	