

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

Gillespie #1-4
 API # 15-091-24227-00-00
 SPUD DATE 11-15-13

Set 45' of 7'
 TD 953'
 Ran 949' of 2 7/8 on 11-15-13

Footage	Formation	Thickness	Hertha	Cattleman, good bleed, good odor	good bleed, good odor
2	Topsoil	2			
22	clay	20			
59	shale	37			
62	lime	3			
69	shale	7			
75	sand	6			
100	lime	25			
103	shale	3			
112	lime	9			
119	shale	7			
146	lime	27			
157	shale	11			
179	lime	22			
187	shale	8			
200	lime	13			
218	shale	18			
243	lime	25			
258	shale	15			
268	lime	10			
297	shale	29			
307	lime	10			
347	shale	40			
378	lime	31			
382	shale	4			
413	lime	31			
589	shale	176	Hertha		
595	lime	6			
600	shale	5			
603	lime	3			
629	shale	26			
633	lime	4			
814	shale	181			
820	sand	6		Cattleman, good bleed, good odor	
868	shale	48			
879	sand	11			good bleed, good odor
953	shale	74			