

Jackman Oilfield Services  
1 West Mulberry St.  
Colony, KS 66015  
620-852-3350

WELL LOG  
Kansas Resource Exploration & Development, LLC  
Cartwright KR-26

May 23, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil/clay	8
18	lime	26
22	shale	48
2	lime	50
42	shale	92
15	lime	107
8	shale	115
13	lime	128
25	shale	153
29	lime	182
142	shale	324
2	coal	326
5	shale	331
3	grey sand	334
16	shale	350
1	lime	351
1	shale	352
16	lime	368
9	shale	377
4	grey sand	381
23	shale	404
4	coal	408
4	shale	412
3	lime	415
17	shale	432
4	lime	436
12	shale	448
2	coal	450
9	lime	459
17	shale	476
2	lime	478
2	coal	480

5	lime	485	
1	lime	486	oil show
1	lime	487	
4	shale	491	
1	broken sand	492	no bleed
1	broken sand	493	light bleed
5	oil sand	498	medium bleed
8	broken sand	506	very light bleed
52	shale	558	
1	lime	559	
21	shale	580	TD

Drilled a 9 7/8" hole to 19'7"

Drilled a 5 7/8" hole to 580'

Set 20' of 7" surface casing cemented with 5 sacks of portland cement

Set 569.50' of 2 7/8" round upset tubing. Baffle @ 537'

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