
McGOWN

DRILLING, INC.

Operator:

Kansas Resource Exploration & Development, LLC
Overland Park, KS

Kimmerer KR-3

Miami Co., KS
23-18S-21E
API: 15-121-30876

Spud Date:	12/1/2014	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	22.4'	Longstring:	565.0'
Surface Cement:	4 sx	Longstring Date:	12/2/2014
Longstring:	2-7/8EUE	Baffle:	533.60'

Driller's Log

Top	Bottom	Formation	Comments
0	9	Soil & clay	
9	30	Lime	
30	45	Shale	
45	51	lime	
51	95	Shale	
95	110	Lime	
110	119	Shale	
119	178	Lime	
178	185	Shale	
185	196	Lime	
196	337	Shale	
337	341	Lime	
341	358	Shale	
358	367	Lime	
367	369	Shale	
369	376	Lime	
376	378	Shale	
378	388	Sand	no odor
388	418	Shale	
418	425	Lime	
425	430	Shale	
430	438	Lime	
438	441	Lime	
441	454	Shale	

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454	462	Lime	
462	479	Shale	
479	491	Lime	
491	492	Sand	491-492 White muddy, slight to fair bleed
492	507	Sand	493-495 Laminated, good bleed & bleed back.
507	513	Sandy Shale	495-497 Solid sand, good bleed & bleed back.
513	572	Shale	497-498 Laminated, mostly shale, fair bleed.
572		TD	498-501 Slightly laminated, good bleed. 505-507 Laminated, no bleed.

Coring		
Run	Footage	Rec.
1	493-513	20
2		
3		