

SPUD DATE:	24 Nov 14	
FINISH DATE:	26 Nov 14	
LEASE:	Harra	
LEASE OPERATOR:	KRED	
WELL:	KR10	
API:	15-121-30861	
SEC:	TWP:	RNG:
COUNTY:	Miami	
DRILLERS NAME:	Ronnie Howard	
RIG #:	1	



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT	9 7/8	LENGTH	22'6"	SIZE	7"	CEMENT	5 Bags
DRILL BIT SIZE	5 7/8	LENGTH	558.60	SIZE	2 7/8	BAFFLE	31.95
TD	562	CORED	472-492				

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	10	0	10				
Shale	6	10	16				
Lime	14	16	30				
Shale	107	30	137				
Lime	17	137	154				
Shale	32	154	186				
Lime	4	186	190				
Shale	30	190	220				
Lime	13	220	233				
Shale	13	233	246				
Lime	25	246	271				
Coal	3	271	274				
Shale	7	274	281				
Lime	16	281	297				
Coal	5	297	302				
Lime	18	302	320				
Shale	137	320	457				
Red Bed	4	457	461				
Shale	6	461	467				
Limy Sand	5	467	472				
Broken limy Sand	7	472	479				
Lime	1	479	480				
Broken limy Sand	2	480	482				
Lime	1	482	483				
Broken Sand	4	483	487				
Shale	21	487	508				
Lime	6	508	514				
Shale	5	514	519				
Lime oil show	9	519	528				
Shale	24	528	562				

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