

SPUD DATE:	28 Oct 14	
FINISH DATE:	29 Oct 14	
LEASE:	Harra	
LEASE OPERATOR:	KRED	
WELL:	KR-27	
API:	15-121-	
SEC:	TWP:	RNG:
COUNTY:	Miami	
DRILLERS NAME:	Ronnie Howard	
RIG #:	1	



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT	9 7/8	LENGTH	20'4"	SIZE	7"	CEMENT	5 Bags
DRILL BIT SIZE	5 7/8	LENGTH	548.75	SIZE	2 7/8	BAFFLE	32.00
TD	557	CORED	482-502				

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Lime	6	0	6	Lime	4	534	538
Shale	22	6	28	Shale			
Lime	16	28	44				
Shale	104	44	148				
Lime	18	148	166				
Shale	31	166	197				
Lime	4	197	201				
Shale	29	201	230				
Lime	16	230	246				
Shale	11	246	257				
Lime	24	257	282				
Shale	8	282	290				
Lime	18	290	308				
Shale	4	308	312				
Lime	3	312	315				
Shale	2	315	317				
Lime	11	317	328				
Shale	136	328	464				
Coal	2	464	466				
Red Bed	4	466	470				
Shale	5	470	475				
Limey Sand smelly	5	475	480				
Limey Sand good CP	2	480	482				
Limey Sand	2	482	484				
oil Sand good	3	484	487				
Broken/Limey Sand	2	487	489				
oil Sand good	7	489	496				
Lime	2	496	498				
Shale	20	498	518				
Lime	8	518	526				
Shale	8	526	534				