

SPUD DATE:	17 Sep 14	
FINISH DATE:	18 Sep 14	
LEASE:	Joeche	
LEASE OPERATOR:	KRED	
WELL:	KR33	
API:	15-121-30644	
SEC:	TWP:	RNG:
COUNTY:	Miami	
DRILLERS NAME:	Ronnie Howard	
RIG #:		



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT	9 7/8	LENGTH	2110	SIZE	17"	CEMENT	6 Bags
DRILL BIT SIZE	5 7/8	LENGTH	509.70	SIZE	2 7/8	BAFFLE	31.50
TD	522	CORED	415-435				

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Sol	6	0	6	oil Sand (Light bleed smelly)	1	414	415
Clay	8	6	14	Broken (very little show)	3	415	418
Shale	65	14	79	Broken Sand (90% good bleed)	7 1/2	418	425 1/2
Lime	1	79	80	Lime	1 1/2	425	427
Shale	1	80	81	Shale	10	427	437
Lime	17	81	98	Lime (Smelly)	4	437	441
Shale	23	98	121	Limey Sand (Light bleed)	1	441	442
Lime	2	121	123	Straw Lime (good bleed)	8	442	450
Shale	3	123	126	Lime	4	450	454
Lime	4	126	130	Shale	35	454	489
Coal	4	130	134	Lime	3	489	492
Shale	22	134	156	Shale	18	492	510
Lime	9	156	165	Lime	2	510	512
Shale	1	165	166	Shalt TD	10	512	522
Lime	4	166	170				
Shale	12	170	182				
Lime	12	182	194				
Shale	2	194	196				
Lime	12	196	208				
Shale	4	208	212				
Coal	3	212	215				
Shale	2	215	217				
Lime	20	217	237				
Coal	4	237	241				
Lime	5	241	246				
Shale	4	246	250				
Lime (KCB)	6	250	256				
Shale	144	256	400				
Broken 20% show	2	400	402				
oil Sand Washow	9	402	411				
Limey Sand	3	411	414				