

SPUD DATE: 18 Oct 2014
 FINISH DATE: 20 Oct 2014
 LEASE: Joeckel
 LEASE OPERATOR: KRED
 WELL: KR-3
 API: 15-121-30678
 SEC: TWP: RNG:
 COUNTY: Miami
 DRILLERS NAME: Ronnie Howard
 RIG #: 1



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT 9 7/8 LENGTH 20'0 SIZE 7" CEMENT 5 bags
 DRILL BIT SIZE 5 7/8 LENGTH 566.25 SIZE 2 7/8 BAFFLE 31.90
 TD 572 CORED 482-502

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	3	0	3	Lime	7	520	527
Broken Lime	5	3	8	Shale	2	527	529
Clay	8	8	16	Lime	3	529	532
Shale	14	16	30	Shale	5	532	537
Lime	15	30	45	Lime	5	537	542
Shale	105	45	150	Shale TD	30	542	572
Lime	19	150	169				
Shale	27	169	196				
Lime	4	196	200				
Shale	30	200	230				
Lime	14	230	244				
Shale	12	244	256				
Lime	24	256	280				
Shale	11	280	291				
Lime	18	291	309				
Shale	13	309	322				
Lime KCB	7	322	329				
Shale	140	329	469				
Red Bed	3	469	472				
Shale	4	472	476				
Limey Sand No show	5	476	481				
oil Sand Light Blk CP	1	481	482				
oil Sand	3	482	485				
Lime/Sand streaks	1	485	486				
oil Sand good Blk	6	486	492				
Lime/Sand streaks	1	492	493				
oil Sand good Blk	2	493	495				
Lime	1	495	496				
oil Sand great Blk	11	496	507				
Lime	3	507	510				
Shale	10	510	520				