

SPUD DATE: 6 Oct 14
 FINISH DATE: 7 Oct 14
 LEASE: Joekel
 LEASE OPERATOR: KRRED
 WELL: KR-19
 API: 15-121-30642
 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 536.05 SIZE 2 7/8 BAFFLE 30.90
 TD 542 CORED 460-480

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Lime	18	0	18	Lime	1	470	471
Shale	104	18	122	oil Sand (Dark green Blk)	10	471	481
Lime	20	122	142	Shale	9	481	490
Shale	26	142	168	Lime	8	490	498
Lime	4	168	172	Shale	8	498	506
Shale	8	172	180	Lime	2	506	508
Coal	2	180	182	Shale	34	508	542
Shale	20	182	202				
Lime	8	202	210				
Shale	3	210	213				
Lime	3	213	216				
Shale	13	216	229				
Lime	25	229	254				
Shale	6	254	260				
Coal	4	260	264				
Shale	2	264	266				
Lime (Soft)	16	266	282				
Shale	4	282	286				
Lime	5	286	291				
Shale	2	291	293				
Lime KCB	9	293	302				
Shale	132	302	434				
Coal	2	434	436				
Shale	6	436	442				
Red Bed	4	442	446				
Shale	6	446	452				
oil Sand No Show	2	452	454				
Broken Sand (Smelly)	2	454	456				
Limey Sand (Smelly)	2	456	458				
oil Sand good Blk	2	458	460				
oil Sand (off washed out)	10	460	470				

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