

SPUD DATE: 2-24-15
FINISH DATE: 2-25-15
LEASE: Ballou
LEASE OPERATOR: KRED
WELL: KR-20
API: 15-121-30935
SEC: TWP: RNG:
COUNTY: Miami
DRILLERS NAME: Waylon Johns
RIG #: 2



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT 11" LENGTH 20' SIZE 7" CEMENT 5 Bags
 DRILL BIT SIZE 5 7/8 LENGTH N/A SIZE N/A BAFFLE N/A
 TD 681 CORED 457-477

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	2	0	2	Lime Oil Smell No Bleed	1	453	454
Lime	1	2	3	Solid Brown Sand Smell No Bleed	1	454	455
Shale	114	3	117	Solid Sand Light Bleed R.P	2	455	457
Lime	21	117	138	Solid Brown Sand Smell No Bleed	1.75	457	458.75
Shale	26	138	164	Lime	.25	458.75	459
Lime	5	164	169	Solid Oil Smell Light Bleed	3	459	462
Coal	1	169	170	50% Broken Brown Sand No Bleed	2	462	464
Shale	25	170	195	Shale	6	464	470
Lime	14	195	209	Lime w/ shale streaks	5.5	470	475.5
Shale	13	209	222	Lime Fair bleed	5.5	475.5	479
Lime	11	222	233	Lime Light bleed	2	479	481
Shale	2	233	235	Lime	6	481	487
Lime	3	235	238	Shale some coal	38	487	525
Shale	5	238	243	Lime	10	525	535
Lime	5	243	248	Shale	12	535	547
Shale	9	248	257	Lime	2	547	549
Lime	20	257	277	Shale	19	549	568
Coal	3	277	280	Lime	2	568	570
Lime	3	280	283	Shale	22	570	592
Shale	4	283	287	Lime	2	592	594
Lime KC	8	287	295	Shale	4	594	598
Shale	113	295	408	Coal	1	598	599
Shale 30% Grey Sand No Oil Show	7	408	415	Shale	7	599	606
Shale	20	415	435	Lime	3	606	609
50% Broken Brown Sand Smell No Bleed	4	435	439	Shale	11	609	620
Solid brown Sand Smell No Bleed	2	439	441	Coal	5	620	625
60% Broken Brown Sand Smell No Bleed	2	441	443	Shale	6	625	631
Lime Oil Smell No Bleed	5	443	448	20% Broken Grey Sand No Oil Show	5	631	636
50% Brown Sand Smell No Bleed	1	448	449	Shale TD	45	636	681
Solid Brown Sand Smell No Bleed	3	449	452				
50% Brown Sand / Lime Smell No Bleed	1	452	453				