

SPUD DATE: 11-7-14
 FINISH DATE: 11-7-14
 LEASE: Loomer
 LEASE OPERATOR: MRED
 WELL: KR-10
 API: 15-121-70752
 SEC: 31 TWP: 16 RNG: 22
 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 727.80 SIZE 2 7/8 New BAFFLE No Baffle
 TD 753 CORED ~~661~~ 661-681 Lost 17' of Core

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	2	0	2	Lime	6	355	361
Lime	4	2	6	Shale	6	361	367
Shale	4	6	10	Lime KC	5	367	372
Lime	15	10	25	Shale	19	372	391
Shale	12	25	37	Grey Sand No Oil Show	3	391	394
Lime	16	37	53	Shale	84	394	478
Shale	12	53	65	Grey Sand No Oil Show	4	478	482
Lime	24	65	89	Shale	54	482	536
Shale	6	89	95	Lime	8	536	544
Lime	1	95	96	Shale	7	544	551
Shale	15	96	111	Lime	4	551	555
Grey Sand	2	111	113	Shale Some Coal	23	555	578
Lime	2	113	115	Lime	10	578	588
Shale	74	115	189	Shale	12	588	600
Lime	19	189	208	Lime	3	600	603
Shale	36	208	244	Shale	5	603	608
Lime	1	244	245	Lime	2	608	610
Shale	3	245	248	Shale	7	610	617
Lime	4	248	252	Lime	4	617	621
Shale	4	252	256	Shale	13	621	634
Coal	5	256	261	Lime	3	634	637
Shale	6	261	267	Shale	16	637	653
Lime	12	267	279	Shale 20% Grey Sand Small No Bleed	2	653	655
Shale	7	279	280	Shale 70% Broken Oil Sand Good Bleed	2	655	657
Lime	2	280	282	Shale 50% Oil Sand Very Light Bleed	2	657	659
Shale	15	282	297	80% Broken Oil Sand Good Bleed CP	2	659	661
Lime	26	297	323	50% Broken Oil Sand Bleed	1.25	661	662.25
Shale	3	323	326	Solid Oil Sand Good Bleed	8.75	662.25	671
Coal	6	326	332	50% Broken Oil Sand Bleed	10	671	681
Lime	19	332	351	Shale TD	72	681	753
Shale	4	351	355				