

SPUD DATE: 10-28-14
 FINISH DATE: 10-29-14
 LEASE: Hallinger
 LEASE OPERATOR: KRED
 WELL: KB-36
 API: 15-121-30715
 SEC: TWP: RNG:
 COUNTY: Miami
 DRILLERS NAME: Waylon Johns
 RIG #: Z



2394 UTAH ROAD
 RANTOUL, KS 66079

SURFACE: SIZE BIT 11" LENGTH 20' SIZE 7" CEMENT 5 Bags
 DRILL BIT SIZE 5 7/8" LENGTH 752.75' SIZE 2 7/8 Uceel BAFFLE 30.20
 TD 761 CORED 661-681

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	5	0	5	Lime KC	6	357	363
Lime	7	5	12	Shale	22	363	385
Grey Sand	4	12	16	Grey Sand No Oil Show	2	385	387
Shale	10	16	26	Shale	80	387	467
Lime	17	26	43	Shale Broken Grey Sand No Oil Show	10	467	477
Shale	24	43	67	Shale	53	477	530
Lime	13	67	80	Lime	7	530	537
Shale	100	80	180	Shale	8	537	545
Lime	2	180	182	Lime	2	545	547
Shale	1	182	183	Shale	36	547	573
Lime	16	183	199	Lime	6	573	579
Shale	8	199	207	Shale	16	579	595
Lime	1	207	208	Lime	2	595	597
Shale	4	208	212	Shale	5	597	602
Lime	1	212	213	Lime	2	602	604
Shale	21	213	234	Shale	11	604	615
Lime	2	234	236	Lime	3	615	618
Shale	1	236	237	Shale	16	618	634
Lime	5	237	242	Lime	2	634	636
Coal	5	242	247	Shale	19	636	655
Shale	11	247	258	Shale 30% Grey Sand Small No Bleed	4	655	659
Lime	15	258	273	Solid Oil Sand Good Bleed CP	2	659	661
Shale	16	273	289	Solid Oil Sand Good Bleed	2.75	661	663.75
Lime	9	289	298	50% Broken Sand Light Bleed	3.75	663.75	667.5
Shale	2	298	300	60% Broken Sand Good Bleed	1.5	667.5	669
Lime	14	300	314	Grey Sand No Bleed	2.5	669	671.5
Shale	6	314	320	Solid Oil Sand Good Bleed	3.75	671.5	675.25
Lime	23	320	343	50% Broken Sand Bleed	2.25	675.25	677.5
Coal	5	343	348	Solid Oil Sand Good Bleed	1	677.5	678.5
Lime	7	348	355	Lime	.5	678.5	679
Shale	2	355	357	Oil Sand Good Bleed	2	678	681

