

SPUD DATE: 12-10-14
 FINISH DATE:
 LEASE: Laomer
 LEASE OPERATOR: KRED
 WELL: Kh-5
 API: 15-121-30845
 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 6 Bags
 DRILL BIT SIZE 5/8" LENGTH 748.40 SIZE 2 7/8 Used BAFFLE 30.70
 TD 761 CORED No Core

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil/Clay	10	0	10	Shale	20	377	397
Lime	2	10	12	Grey Sand No Show	4	397	401
Shale	4	12	16	Shale	76	401	477
Lime	12	16	28	Shale Some Broken Grey Sand No Show	11	477	488
Shale	1	28	29	Shale	57	488	539
Lime	1	29	30	Lime	8	539	547
Shale	12	30	42	Shale	7	547	554
Lime	16	42	58	Lime	3	554	557
Shale	23	58	81	Shale	22	557	579
Lime	13	81	94	Lime	8	579	587
Shale	101	94	195	Shale	5	587	602
Lime	19	195	214	Lime	3	602	605
Shale	15	214	229	Shale	4	605	609
Lime	2	229	231	Lime	3	609	612
Shale	18	231	249	Shale	5	612	617
Lime	8	249	257	Lime	5	617	622
Shale	16	257	273	Shale	2	622	624
Lime	10	273	283	Lime	3	624	627
Shale	2	283	285	Shale	9	627	636
Lime	1	285	286	Lime	2	636	638
Shale	16	286	302	Shale	16	638	654
Lime	11	302	313	Shale 20% Grey Sand Small No Bleed	3	654	657
Shale	2	313	315	Oil Sand Some Shale streaks Good Bleed	7	657	664
Lime	13	315	328	Shale Broken Oil Sand Good Bleed	1	664	665
Shale	8	328	336	Solid Oil Sand Heavy Bleed	4	665	669
Lime	21	336	357	Shale 20% Oil Sand Very Light Bleed	4	669	673
Shale	2	357	359	Shale TD	88	673	761
Coal	2	359	361				
Lime	7	361	368				
Shale	2	368	370				
Lime	7	370	377				