

SPUD DATE:

FINISH DATE: 11-5-14

LEASE: Hollinger

LEASE OPERATOR: KRED

WELL: KR-42

API: 15-121-30716

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 779.90 SIZE 2 7/8 Used BAFFLE 31.85

TD 796 CORED 661-681

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil	5	0	5	Shale	6	351	357
Lime	4	5	9	Lime KC	5	357	362
Grey Sand	3	9	12	Shale	20	362	382
Shale	10	12	22	Grey Sand No Oil Show	2	382	384
Lime	19	22	41	Shale	82	384	466
Shale	25	41	66	Shale Broken Grey Sand No Oil Show	11	466	477
Lime	13	66	79	Shale	51	477	528
Shale	25	79	104	Lime	6	528	534
Lime	1	104	105	Shale	8	534	542
Shale	73	105	178	Lime	3	542	545
Lime	2	178	180	Shale Some Coal	26	545	571
Shale	1	180	181	Lime Soft	7	571	578
Lime	10	181	191	Shale	14	578	592
Shale	1	191	192	Lime	3	592	595
Lime	6	192	198	Shale	18	595	613
Shale	13	198	211	Lime	2	613	615
Lime	2	211	213	Shale	5	615	620
Shale	20	213	233	Lime	1	620	621
Lime	8	233	241	Shale	11	621	632
Coal	7	241	248	Lime	2	632	634
Shale	9	248	257	Shale Some Small Lime Brakes	24	634	658
Lime	15	257	272	Shale 25% Grey Sand Small No Bleed	1	658	659
Shale	15	272	287	Shale 50% Oil Sand Good Bleed CP	2	659	661
Lime	10	287	297	Shale 50% Oil Sand Bleed	5.25	661	666.25
Shale	1	297	298	Solid Oil Sand Good Bleed	8.75	666.25	675
Lime	15	298	313	Shale	.5	675	675.5
Coal	4	313	317	Solid Oil Sand Good Bleed	1.5	675.5	677
Shale	3	317	320	Solid Oil Sand Bleed	12	677	689
Lime	22	320	342	Solid Oil Sand Good Bleed	4	689	693
Shale	4	342	346	Solid Oil Sand Good Bleed "Hard"	4	693	697
Lime	5	346	351	Solid Black Sand Light Bleed	4	697	701

SURFACE: SIZE BIT _____ LENGTH _____ SIZE _____ CEMENT _____
 DRILL BIT SIZE _____ LENGTH _____ SIZE _____ BAFFLE _____
 TD _____ CORED _____

[illegible]