

SPUD DATE:	8 Sept 14	
FINISH DATE:	10 Sept 14	
LEASE:	Doherty	
LEASE OPERATOR:	KRED	
WELL:	KR-33	
API:	15-121-30305	
SEC:	TWP:	RNG:
COUNTY:	Miami	
DRILLERS NAME:	Ronnie Howard	
RIG #:	1	



2394 UTAH ROAD
RANTOUL, KS 66079

SURFACE: SIZE BIT 9 7/8 LENGTH 22' 5" SIZE 7" CEMENT 5 Bags
 DRILL BIT SIZE 5 7/8 LENGTH 476.20 SIZE 2 7/8 BAFFLE 31.05
 TD 638 CORED 370-390, 618-638

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
clay	15	0	15	Limey Sand	3	380	383
Shale	12	15	26	Shale	3	383	386
Lime	2	26	28	Lime	4	386	390
Shale	1	28	29	Shale	4	390	394
Lime	20	29	49	Lime (Heavy Bleed. Soft)	4	394	398
Shale	11	49	60	Lime	5	398	403
Lime	4	60	64	Shale	35	403	438
Shale	37	64	101	Lime	8	438	446
Lime	17	101	118	Shale	16	446	462
Shale	11	118	129	Lime	3	462	465
Lime	11	129	140	Shale	6	465	471
Shale	1	140	141	Coal	1	471	472
Lime	14	141	156	Shale	11	472	483
Coal	5	156	161	Lime	7	483	490
Lime	20	161	181	Shale	20	490	510
Coal	3	181	184	Lime	2	510	512
Lime	14	184	198	Shale	2	512	514
Coal	2	198	200	Lime	2	514	516
Shale	26	200	236	Coal	4	516	520
gray Sand (No show)	6	236	242	Shale	6	520	526
Shale	12	242	340	Lime	4	526	530
Coal	1	340	341	Shale	10	530	540
Shale	5	341	346	Coal	14	540	554
Red Bed	4	346	350	Coal	4	554	558
Shale	14	350	364	Shale	4	558	562
Broken Sand (20% No show)	2	364	366	Coal	4	562	566
Shale	2	366	368	Shale	3	566	569
* Broken Sand (30% Smelly)	2	368	370	oil Sand (No show)	7	569	576
Limey Sand (Some Smell)	4	370	374	Coal	3	576	579
oil Sand (great bleed)	3	374	377	Shale	11	579	590
Limey Sand	3	377	380	Lime	2	590	592

