

SPUD DATE: 6-29-18  
 FINISH DATE:  
 LEASE: Geiger  
 LEASE OPERATOR: Utah Oil LLC  
 WELL: KO-11  
 API: 15-059-27178  
 SEC: 7 TWP: 17 RNG: 21  
 COUNTY: Franklin  
 DRILLERS NAME: Brad  
 RIG #: 1



2394 UTAH ROAD  
 RANTOUL, KS 66079

SURFACE: SIZE BIT 9 7/8 LENGTH 50' SIZE 7" CEMENT 11 sacks  
 DRILL BIT SIZE 5 7/8 LENGTH 639.2 SIZE 2 7/8 BAFFLE 31.75 Baffle at  
 TD \_\_\_\_\_ CORED \_\_\_\_\_ 607.45

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Clay soil	0	0	36	Shale		506	509
Shale		36	48	lime		509	510
lime		48	64	Shale		510	511
Coal		64	65	Sand some bleed		511	514
lime		65	70	Broken sand bleed		514	518
Shale		70	94	Shale		518	559
Shale		94	135	Oil sand		559	562
lime		135	146	Oil sand 80%		562	566
Shale		146	149	Oil sand 80%		566	568
lime		149	153	mostly shale little sand		568	570
Shale		153	165	Shale		570	574
lime		165	190	Shale		574	578
Shale		190	197	Oil sand		578	582
lime		197	199	Badly broken sand		582	586
Shale		199	204	Shale		586	654
lime		204	220				
Shale		220	224				
lime Hertha		224	235				
Shale		235	391				
lime		391	404				
sandy shale		404	410				
Broken White sand		410	424				
Shale		424	450				
lime		450	457				
Shale		457	469				
lime		469	472				
Shale		472	482				
lime		482	486				
Shale		486	497				
lime		497	499				
lime Bleeding		499	506				