

SPUD DATE: 6-15-18
 FINISH DATE: 6-28-18
 LEASE: Geiger
 LEASE OPERATOR: Utah Oil LLC
 WELL: KO-10
 API: 15-059-27177
 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 44' SIZE 7" CEMENT 10 sacks
 DRILL BIT SIZE 5 7/8 LENGTH 646 SIZE 2 7/8 BAFFLE N/A
 TD 656 CORED 572-592

FORMATIONS	THICKNESS	FROM	TO	FORMATION	THICKNESS	FROM	TO
Soil - Clay		0	18	White Shale		497	499
Shale		18	56	lime		499	502
lime		56	78	Shale		502	507
Coal		78	78.5	lime		507	510
lime		78.5	78	Blk shale		510	511
Sandy Shale		78	90	lime Oil bleed		511	514
lime		90	93	lime Some bleed		514	517
Shale		93	105	shale		517	518
lime		105	113	lime		518	519
Shale		113	150	White Sand		519	522
lime		150	160	Broken sand little oil		522	524
Shale		160	174	Broken little oil		524	526
lime		174	201	Oil sand mod. bleed		526	528
Shale		201	209	Shale		528	564
lime		209	229	lime break		564	564.5
Shale		229	233	Shale		564.5	571
Herth lime		233	246	Oil sand bleeding		571	572
Shale		246	386	conc oil sand		572	572.5
Sandy lime		386	393	lime		572.5	573.5
Sandy Shale		393	397	Oil Sand		573.5	574.5
Shale		397	404	broken Oil sand		574.5	578.5
lime		404	412	Shale		578.5	656
Shale		412	427				
White Sand		427	435				
Sandy Shale		435	442				
Shale		442	460				
lime		460	467				
Shale		467	479				
lime		479	482				
limy Shale		482	494				
lime odor		494	497				