

# Well Refined Drilling Company, Inc.

4230 Douglas Road - Thayer, KS 66776

Contractor License # 33072 - FEIN # 48-1248553

Office - 620-839-5581; Jeff Pocket - 620-432-6170; Fax - 620-839-5582

Rig #:	2	License # 9313
API #:	15-037-22173-0000	
Operator:	James D. Lorenz	
Address:	543A 22000 Road	
	Cherryvale, KS 67335 - 8515	



S18	T30S	R22E
Location:	NE,SE,SE,SW	
County	Crawford	

				Gas Tests			
Well #:	9A	Lease Name:	Amershek I	Depth	Oz.	Orifice	flow - MCF
Location:	495	FSL		105		No Flow	
	2805	FEL		130		No Flow	
Spud Date:		4/13/2011		205		No Flow	
Date Completed:		4/14/2011	TD: 365	230		No Flow	
Geologist:				255		No Flow	
Driller:		Josiah Kephart		280		No Flow	
Casing Record		Surface	Production	330		No Flow	
Hole Size		12 1/4"	6 3/4"	365		No Flow	
Casing Size		8 5/8"					
Weight							
Setting Depth		22' 8"					
Cement Type		Portland					
Sacks		4					
Feet of Casing							

11LD-041411-R2-020-Amershek I 9A- James D. Lorenz

## Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	216	217.9	coal			
2	4	lime	217.9	231	shale			
4	70	shale	231	232	coal			
70	87	lime	232	264	shale			
87	89	shale	264	296	oil sand			
89	90	coal			odor			
90	92	shale			bleeding			
92	104	lime	296	315	sandy shale			
104	107	shale	315	316	coal			
107	108	coal	316	365	shale			
108	111	shale	365		Total Depth			
111	114	lime						
114	194	shale						
194	196	blk shale						
196	197.5	coal						
197.5	203	shale						
203	212	lime						
212	216	shale						