

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 #:	15-037-22152-0000	
Operator:	James D. Lorenz	
Address:	543A 22000 Road	
	Cherryvale, KS 67335 - 8515	



S19	T30S	R22E
Location:	NW, SE, NE, NW	
County	Crawford	

				Gas Tests			
Well #:	3B	Lease Name:	Amershek II	Depth	Oz.	Orifice	flow - MCF
Location:	4455	FSL		105		No Flow	
	3135	FEL		205		No Flow	
Spud Date:		4/11/2011		230		No Flow	
Date Completed:		4/12/2011	TD: 366	255		No Flow	
Geologist:				305		No Flow	
Driller:		Josiah Kephart		330		No Flow	
Casing Record		Surface	Production	366		No Flow	
Hole Size		12 1/4"	6 3/4"				
Casing Size		8 5/8"					
Weight		18#					
Setting Depth		22' 8"					
Cement Type		Portland					
Sacks		4					
Feet of Casing							

11LD-041211-R2-018-Amershek II - 3B - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	218	240	shale			
2	3	lime	240	242	coal			
3	4	shale	242	284	shale			
4	5	coal	284	288	sandy shale			
5	61	shale			oil odor			
61	62	coal	288	296	shale			
62	76	shale	296	308	oil sand			
76	77	lime			odor			
77	81	shale	308	314	shale			
81	89	lime	314	315	coal			
89	92	shale	315	352	shale			
92	93	coal	352	353	coal			
93	94	shale	353	360	shale			
94	111	lime	360	361	coal			
111	204	shale	361	366	shale			
204	205	coal	366		Total Depth			
205	217	shale w lime streaks						
217	218	coal						