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

HAVE RIG Rig #2 WILL DIG!

Rig #:	2		License # 9313	
API #:	15-037-22163-0000			
Operator:	James D. Lorenz			
Address:	543A 22000 Road			
	Cherryvale, KS 67335 - 8515			
Well #:	4A	Lease Name:	Amershek II	
Location:	4125	FSL		
	2805	FEL		
Spud Date:		3/23/2011		
Date Completed:		3/24/2011	TD:	370'
Geologist:				
Driller:		Josiah Kephart		
Casing Record		Surface	Production	
Hole Size		12 1/4"	6 3/4"	
Casing Size		8 5/8"		
Weight				
Setting Depth		22'		
Cement Type		Portland		
Sacks		4		
Feet of Casing				

S19	T30S	R22E
Location:		SE,SE,NE,NW
County		Crawford - KS\

Gas Tests

Depth	Oz.	Orfice	flow - MCF
105		No Flow	
130		No Flow	
230		No Flow	
280		No Flow	
305		No Flow	
330		No Flow	
370		No Flow	

11LC-032411-R2-010-Amershek II 4A - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	overburden	222	223	blk shale	370		Total Depth
1	4	clay	223	227	shale			
4	6	shale	227	228.5	coal			
6	8	blk shale	228.5	239	shale			
		wet	239	241	blk shale			
0	61	shale	241	243	coal			
61	62.5	coal	243	277	shale			
62.5	77	shale	277	281	sandy shale			
77	90	lime			odor			
90	91	shale	281	313	sand			
91	93	blk shale			strong odor			
93	100	shale	291	294	less odor			
100	112	lime	294	302	strong odor			
112	113	shale			bleeding			
113	115	blk shale	302		less odor			
115	218	shale	313	314	shale			
218	219	lime	314	315.5	coal			
219	222	shale	315.5	370	shale			