

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 #:	15-037-22172-0000	
Operator:	James D. Lorenz	
Address:	543A 22000 Road	
	Cherryvale, KS 67335 - 8515	

S18	T305	R22E
Location:	SE,NE,SE,SW	
County	Crawford - KS	

				Gas Tests			
Well #:	8A	Lease Name:	Amershek I	Depth	Oz.	Orifice	flow - MCF
Location:	825	FSL		150			
	2805	FEL		205	3	3/8"	6.18
Spud Date:		4/15/2011		230	3.5	3/8"	26.5
Date Completed:		4/18/2011	TD: 365'	280	3	3/8"	6.18
Geologist:				305	Gas Check Same		
Driller:		Josiah Kephart		330	Gas Check Same		
Casing Record		Surface	Production	365	Gas Check Same		
Hole Size		12 1/4"	6 3/4"				
Casing Size		8 5/8"					
Weight			18				
Setting Depth		23'					
Cement Type		Portland					
Sacks		4					
Feet of Casing							

11LD-041811-R2-021-Amershek I 8A - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	190	206	shale			faint odor
2	11	clay	206	207	coal	306	320	shale
11	22	lime	207	211	shale	320	322	lime
17		wet	211	212	lime	322	348	shale
22	46	shale	212	212	lime	348	349	coal
46	47	coal	212	213	shale	349	365	shale
47		wet	213	216	sand	365		Total Depth
47		add water	216	221	sandy shale			
47	59	shale	221	261	shale			
59	65	lime	261	267	sandy shale			
65	68	shale	267	273	sand			
68	79	lime			oil odor			
79	83	shale	273	274	shale			
83	85	blk shale	274	288	sand			
85	89	shale			bleeding on pit			
89	99	lime	288	299	sandy shale			
99	189	shale			odor / bleeding			
189	190	coal	299	306	sand			

subject to finance charges of 1.5% (18% APR).