

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 #:	15-037-22159-0000		
Operator:	James D. Lorenz		
Address:	543A 22000 Road Cherryvale, KS 67335 - 8515		

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

Well #:				Gas Tests			
	INJ BA 3	Lease Name:	Amershek II	Depth	Oz.	Orifice	flow - MCF
Location:	4290	FSL					
	2970	FEL					
Spud Date:		4/9/2011					
Date Completed:		4/11/2011	TD:	365			
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' 9"						
Cement Type	Portland						
Sacks	4						
Feet of Casing							

11LD-041111-R2-017-Amershek II - INJ BA 3 - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	274	282	sandy shale	0		
2	6	clay			slight odor			
6	10	lime	282		add water			
10	65	shale	282	304	sand			
65	66	coal			oil dor			
66	76	shale	304	365	shale			
76	86	lime			bleeding			
86	90	shale			show on pit			
90	91	coal	365		Total Depth			
91	97	shale						
97	103	lime						
103	203	shale						
203	204.5	coal						
204.5	226	shale w lime streaks						
226	227	coal						
227	239	shale						
239	240	coal						
240	274	shale						