

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 #:	15-037-22171-0000	
Operator:	James D. Lorenz	
Address:	543A 22000 Road	
	Cherryvale, KS 67335 - 8515	



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

				Gas Tests			
Well #:	7A	Lease Name:	Amershek I	Depth	Oz.	Orifice	flow - MCF
Location:	1155	FSL		80		No Flow	
	2805	FEL		105		No Flow	
Spud Date:		4/18/2011		205		Trace	
Date Completed:		4/20/2011	TD: 365	230	2	3/8"	5.05
Geologist:				255		Gas Check	Same
Driller:		Josiah Kephart		280	3	3/8"	6.18
Casing Record		Surface	Production	305		Gas Check	Same
Hole Size		12 1/4"	6 3/4"	365		Gas Check	Same
Casing Size		8 5/8"				Gas Check	Same
Weight							
Setting Depth		21' 6"					
Cement Type		Portland					
Sacks		4					
Feet of Casing							

11LD-042011-R2-022-Amershek I 7A - James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	186	197	shale	295	302	sand
2	9	clay	197	198	lime	302	306	shale
9	11	lime	198	205	shale	306	307	coal
11	14	shale	205	206	coal	307	345	shale
14	22	lime	206	215	shale	345	346	coal
		wet	215	216	coal	346	365	shale
22	44	shale	216	241	shale	365		Total Depth
22	46	coal	241	242	coal			
46	59	shale	242	259	shale			
59	78	lime	259	263	sand			
78	79	shale	263	269	shale			
79	80	coal	269	286	oil sand			
80	82	shale			odor			
82	94	lime	270	272	bleeding			
94	101	shale	275	276	bleeding			
101	102.5	coal	278	284	bleeding			
102.5	184	shale	286	291	sandy shale			
184	186	coal	291	295	shale			