

Well Refined Drilling Company, Inc. - Drilling Log
4270 Gray Road * Thayer, KS 66776

Rig #:	One				
API No:	15-099-23248-0000				
Operator:	STP - Cherokee, Inc.				
Address	5901 North Western, Suite 200				
	Oklahoma City, OK 73118				
Well No:	1-6	Lease Name:	R. Benning		
Footage Location:	2,310	feet from the	N	Line	
	2,310	feet from the	N	Line	
Contractor:	Well Refined Drilling Company, Inc., Contractor #33072				
Spud Date:	08-Feb-03	Geologist:	Mike Ebers		
Date Completed:	10-Feb-03	Total Depth:	903		

S. 6	T. 35	R. 18
Location:	SW SW NE	
County:	Labette	

[illegible]

Casing Record		
	Surface	Production
Size Hole:	12.500	6.750
Size Casing:	8.625	
Weight:		
Setting Depth:	23	
Type Cement:	Portland	
Sacks:	✓ 4	
Elevation:		



Rig Time	Work Performed

Well Log								
Formation	Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom
Overburden	0	1	Coal	400	402	Shale	705	719
Clay	1	4	Shale	402	408	Coal	719	722
Lime	4	24	Coal	408	409	Shale	720	776
Shale	24	45	Shale	409	430	Coal	776	777
Sand	45	81	Coal	430	431	Shale	777	840
Shale	81	166	Shale	431	474	Coal	840	842
Lime	166	195	added water	443		Shale	842	852
Shale	195	276	Coal	474	476	Chat	852	855
Lime	276	277	Shale	476	533	Lime	855	903
Shale	277	287	Coal	533	535	TOTAL DEPTH.	903	
Oswego Lime	287	324	Shale	535	566			
Black Shale	324	328	Coal	566	569			
Lime	328	366	Shale	569	602			
Shale	366	367	LA Sand	602	619			
Lime	367	369	Shale	619	656			
Black Shale	369	373	LA Sand	656	689			
Lime	373	381	Shale	689	704			
Shale	381	400	Coal	704	705			