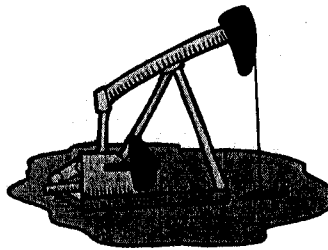


Well Refined Drilling Company, Inc. - Drilling Log
4270 Gray Road * Thayer, KS 66776

Rig #:	One				
API No:	15-133-25884-0000				
Operator:	Quest Energy Services, Inc.				
Address:	PO Box 100				
	Benedict, KS 66714				
Well No:	18-1	Lease Name:	Nine		
Footage Location:	1,680	feet from the	S	Line	
	4,700	feet from the	E	Line	
Contractor:	Well Refined Drilling Company, Inc., Contractor #33072				
Spud Date:	03-Sep-02	Geologist:	Dick Cornell		
Date Completed:	04-Sep-02	Total Depth:	1103		

S. 18	T.30	R.18
Location:	SW NW/4 SW/4	
County:	Neosho	

Casing Record		
	Surface	Production
Size Hole:	12.250	6.750
Size Casing:	8.625	
Weight:		
Setting Depth:	20	
Type Cement:	Portland	
Sacks:	4	
Elevation:	980	



Rig Time	Work Performed

Well Log								
Formation	Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom
Overburden		0	Lime	369	385	Shale	543	549
Clay	1	3	Oil Odor	378		Coal	549	550
Shale	3	48	Shale	385	387	Gray Shale	550	587
Lime	48	113	Lime	387	389	Oswego Lime	587	615
Sand	113	136	Sand	389	391	Black Shale	615	622
Shale	136	144	S Shale	391	396	Lime	622	632
Coal	144	145	Shale	396	420	Shale	632	634
S Shale	145	161	S Shale	420	440	Black Shale	634	637
Lime	161	195	Sand	440	445	Coal	637	638
Shale	195	198	Shale	445	454	Gray Shale	638	639
Black Shale - wet	198	201	Sand	454	473	Lime / Sand	639	646
Lime	201	274	Added Water	463		Oil Odor		
Black Shale - wet	274	293	Sand / Shale	473	478	Shale	646	683
Shale	293	328	Shale	478	510	Coal	683	684
Black Shale	328	331	Coal	510	511	Shale	684	707
Gray Shale	331	335	Shale	511	514	Coal	707	709
Lime	335	336	Pink Lime	514	541	S Shale	709	713
Shale	336	369	Black Shale	541	543	Sand	713	715

123092
 COPY

Lease & Well #: Nine 18-1

Well Log

Formation	Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom
Shale	715	745	Lime	1050	1103			
Coal	745	746	Water	1100				
Shale	746	773	TOTAL DEPTH	1103				
LA Sand	773	788						
Shale	788	817						
Coal	817	818						
Shale	818	849						
Sand	849	853						
Shale	853	859						
Coal	859	860						
Shale	860	872						
Sand	872	877						
Shale	877	955						
LA Sand	955	963						
Shale	963	967						
Coal	967	969						
Shale	969	972						
Coal	972	973						
Shale	973	1026						
LA Sand	1026	1032						
Coal	1032	1033						
Shale	1033	1048						
Chat	1048	1050						

Rig Time	Work Performed

Driller
Helper #1
Helper #2
Helper #3
Helper #4

NOTES - Invoice Information: Total Feet: _____

@ \$ - per/foot \$ -

Feet of Casing: _____

@ \$ - per/foot \$ -

Sacks of Cement: _____

@ \$ - per/sack \$ -

Other: _____
