

LEASE NAME Knabe D OPERATOR KANSAS Resources START DATE: Aug 28, 2012
 WELL # KR-20 LOCATION: _____ API # 15-091-23915-00-00
 SURFACE PIPE: 22.0 Ft 7" Cement(#bags) 5
 PRODUCTION: _____ PIPE: _____ SIZE: 2 7/8 #FT 908

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
7	Clay		7	23	Shale	CJR 6' at Time	848
6	Shale		13	7	oil sand	Good Bleeding	852
17	Lime		30	65	Shale		917
6	shale		36			917 TO	
10	Lime		46				
9	Shale		55				
12	Lime		67				
29	Shale		96				
73	Lime		169				
27	shale		196				
8	Lime		204				
20	Shale		224				
10	lime		234				
4	Shale		238				
8	Lime		246				
32	Shale		279				
2	Lime		281				
9	Shale		290				
25	Lime		315				
6	Shale		321				
23	Lime		344				
4	Shale		348				
4	Lim		352				
7	Shale		359				
7	Lime	HC	366				
199	Shale		565				
2	Lime		567				
13	Shale		580				
5	Lime		585				
5	Shale		590				
13	Lime		603				
32	shale		635				
67	Shale		702				
25	shale	CJR	727				
95	Shale		822				