

WELL # 14

Knabe D KR-19

LEASE NAME Knabe D OPERATOR Raw Resource Ex START DATE: Sept. 30, 2011

WELL # KR-19 LOCATION: NW/4 14-14-22 API #

SURFACE PIPE: 20 Ft 5 Cement(#bags) 70

PRODUCTION: PIPE: 2 1/2 SIZE: 909' #FT

Drilled-Utah Oil, LLC

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
21	^{CIRY} TOP SOIL		21	2	LIME		699
5	LIME		26	9	SHALE		708
6	SHALE		32	1	LIME		709
8	LIME		40	10	SHALE		719
14	SHALE		54	1	LIME		720
10	LIME		64	2		CIR	722
8	SHALE		72	6		CIR	728
20	LIME		92	49	SHALE		777
22	SHALE		114	3	LIME		780
69	LIME		183	60	SHALE		840
34	SHALE		217	1	SHALE	CIR	841
10	LIME		227	2	LIME	CIR	843
17	SHALE		244	2	SAND	CIR	845
10	LIME		254	4		CIR	849
2	SHALE		256	4		"	853
8	LIME		264	8	70	SHALE	923
33	SHALE		297				T.D
2	LIME		299				
8	SHALE		307				
26	LIME		333				
11	SHALE		344				
21	LIME		365				
3	SHALE		368				
4	LIME		372				
6	SHALE		378				
7	LIME	Ke	385				
173	SHALE		538				
18	LIME		576				
16	SHALE		592				
3	LIME		595				
5	SHALE		600				
5	LIME		605				
5	SHALE		610				
6	LIME		616				
81	SHALE		697				