

12TH WELL

Knabe D KR-14

LEASE NAME Knabe D OPERATOR KAW RE Ex Dell START DATE: 9/26/11  
 WELL # KR 14 LOCATION: NW 14-14-22 E API # 091-23568-00-00  
 SURFACE PIPE: 20 Ft 7" Cement(#bags) 5 CIR.  
 PRODUCTION: PIPE: SIZE: 2 1/2 #FT 900'

Drilled - Utah Oil, LLC

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
20	TOPSOIL Clay		20	3	LIME		701
5	LIME		25	17	SHALE		718
15	SHALE		40	4		CIR.	722
9	Lime		49	4		"	726
4	SHALE		53	4		"	730
10	Lime		63	4			734
4	SHALE		67	4			738
19	Lime		86	4			742
26	SHALE		112	12		SHALE	754
69	LIME		181	3	LIME	LIME	757
35	SHALE		216	79	SHALE		836
6	LIME		222	1	LIME		837
22	SHALE		244	4		CIR	841
3	LIME		247	1	SHALE		842
9	SHALE		256	4		CIR	856
9	LIME		265	4			850
43	SHALE		308	4			854
29	LIME		337	4			858
11	SHALE		348	6			864
17	LIME		365	59	SHALE		923
2	SHALE		367				T.D.
6	LIME		373				
3	SHALE		376				
8	LIME	1Kc	384				
172	SHALE		556				
8	LIME		564				
2	SHALE		566				
17	LIME		583				
12	SHALE		595				
4	LIME		599				
15	SHALE		614				
3	Lime		617				
25	SHALE		642				
3	LIME		645				
53	SHALE		698				