

EARLOUGHER ENGINEERING

RESULTS OF PERMEABILITY TESTS

COMPANY Kewanee Oil Company

WELL Daniels No. 106

Sample No.	Depth Feet	Permeability Millidarcys	FEET OF SAND		Capacity Ft. X Md.	Sample No.	Depth Feet	Permeability Millidarcys	FEET OF SAND		Capacity Ft. X Md.
			Ft.	Cum. Ft.					Ft.	Cum. Ft.	
1A	601.1	Imp.	0.4*			33	625.1	0.3	0.3	15.2	0.1
1	601.5	6.5	0.1*			34	625.5	1.4	0.4	15.6	0.6
2A	602.1	Imp.	0.8*			35	625.9	0.7	0.3*		
3A	602.7	0.1	0.6*			36	626.1	6.8	0.2	15.8	1.4
4A	603.2	Imp.	0.5*			37	626.5	6.3	0.6	16.4	3.8
2	603.5	20.	0.1*			38	627.6	12.	0.9	17.3	11.
5A	604.3	0.2	1.2*			39	628.0	0.4	0.4*		
6A	605.1	Imp.	0.8*			40	628.5	0.5	0.4*		
7A	605.7	Imp.	0.5*			41	629.0	13.	0.8	18.1	10.
8A	606.2	1.3	0.5*			42	629.5	11.	0.4	18.5	4.4
3	606.9	Imp.	0.5*			43	630.0	13.	0.3	18.8	3.9
4	607.4	6.7	0.9	0.9	6.0	44	630.9	7.7	0.9*		
5	608.2	22.	0.5	1.4	11.	45	631.5	0.6	0.7*		
6	608.7	28.	0.3	1.7	8.4	46	632.2	0.4	0.6*		
7	609.0	41.	0.5	2.2	20.	47A	633.0	0.5	0.7*		
8	609.7	11.	0.3	2.5	3.3	47	633.2	8.7	0.9	19.7	7.8
9	610.5	Imp.	0.8*			48	634.0	27.	0.5	20.2	14.
10	611.0	31.	0.6	3.1	19.	49	634.6	6.3	0.5	20.7	3.2
11	611.6	0.7	0.5	3.6	0.4	50	635.0	20.	0.3	21.0	6.0
12	612.6	1.2	0.5	4.1	0.6	51	635.4	24.	0.3	21.3	7.3
13	613.2	1.4	0.9	5.0	1.3	52	635.7	17.	0.4	21.7	6.8
14	613.8	16.	0.4	5.4	6.4	53	636.0	17.	0.4	22.1	6.8
15	614.3	15.	0.7	6.1	11.	54	636.4	0.5	0.1*		
16	614.8	18.	0.5	6.6	9.0	55	636.7	38.	0.5	22.6	19.
17	615.2	1.3	0.6	7.2	0.8	56	637.4	30.	0.7	23.3	21.
18	616.4	7.4	0.5	7.7	3.7	57	637.8	38.	0.5	23.8	19.
19	617.0	3.3	0.4	8.1	1.3	58	638.8	1.1	0.8*		
20	617.5	4.0	0.6	8.7	2.4	59	639.4	45.	0.5	24.3	23.
26	618.0	16.	0.4	9.1	6.4	60	640.1	52.	1.0	25.3	52.
27	618.5	1.4	0.7	9.8	1.0	61	640.7	50.	0.3	25.6	15.
28	619.2	1.7	0.4*			62	641.8	3.4	0.2*		
29	619.7	10.	0.9	10.7	9.0						
30	620.3	18.	0.6	11.3	11.						
31	620.9	21.	0.3	11.6	6.3						
21	621.3	31.	0.3	11.9	9.1						
22	621.8	26.	0.8	12.7	21.						
23	622.9	3.0	0.9	13.6	2.7						
24	623.3	1.9	0.6	14.2	1.1						
25	623.8	14.	0.3	14.5	4.2						
32	624.4	0.9	0.4	14.9	0.4						

* Not included in cumulative feet of sand.

SUMMARY

	DEPTH FEET		FEET OF SAND	AVERAGE PERMEABILITY	CAPACITY FT. X MD.
	FROM	TO			
(1)	607.0	618.2	9.1	12.	111.
(2)	618.2	632.3	9.7	10.	101.
(3)	633.0	640.7	6.8	30.	201.
All	607.0	640.7	25.6	16.	413.