

EARLOUGHER ENGINEERING

RESULTS OF SATURATION TESTS

COMPANY Kewanee Oil Company

WELL Daniels Well No. 132

Sat. No.	Depth Feet	Porosity Per Cent	PER CENT SAT.			Avg. Oil Content Bbls./A. Ft.	FT. OF SAND		Total Oil Content Bbls./Acre
			Oil	Water	Total		Ft.	Cum.	
F- 1	707.0	19.6	39.	--	--	590.	0.8	0.8	470.
3	707.8	19.8	23.	40.	63.	360.	1.1	1.9	400.
4	709.0	22.4	27.	38.	65.	470.	0.6	2.5	280.
5	710.1	21.8	38.	28.	66.	640.	1.0	3.5	640.
F- 2	711.5	21.0	36.	--	--	580.	0.7	4.2	410.
7	712.5	14.4	47.	53.	100.	520.	0.6	4.8	310.
8	713.8	19.3	25.	44.	69.	370.	0.8	5.6	300.
9	714.9	22.4	26.	32.	58.	450.	0.8	6.4	360.
10	716.0	21.8	27.	36.	63.	450.	0.6	7.0	270.
F- 3	716.7	20.2	40.	--	--	620.	0.4	7.4	250.
11	717.7	13.6	47.	52.	99.	500.	0.6	8.0	300.
12	719.0	9.3	31.	69.	100.	230.	1.4*		
13	719.9	22.8	31.	34.	65.	550.	1.0	9.0	550.
14	720.9	19.0	37.	48.	85.	540.	1.0	10.0	540.
15	722.0	20.0	24.	42.	66.	380.	0.6	10.6	230.
F- 4	723.1	22.0	34.	--	--	580.	0.8	11.4	460.
16	723.9	18.8	27.	44.	71.	390.	1.2	12.6	470.
17	725.0	17.5	22.	28.	50.	300.	1.0	13.6	300.
18	726.0	19.6	33.	44.	77.	510.	1.0	14.6	510.
19	727.1	18.4	29.	51.	80.	420.	0.7	15.3	290.

\* Not included in cumulative feet of sand.

215-21E-4

SUMMARY

DEPTH FEET		FEET OF SAND	AVG. POROSITY	AVG. OIL SAT.	AVG. WATER SAT.	AVG. OIL CONTENT BBL./A. FT.	TOTAL OIL CONTENT BBL./ACRE
FROM	TO						
706.4	718.1	8.0	19.9	32.	40.	499.	3,990.
719.5	727.2	7.3	19.7	30.	42.	459.	3,350.
706.4	727.2	15.3	19.8	31.	41.	480.	7,340.

**EARLOUGHER ENGINEERING**

**RESULTS OF PERMEABILITY TESTS**

COMPANY **Kewanee Oil Company**

WELL **Daniels No. 132**

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.	
1	700.5	2.3	0.5*			19	718.0	2.3	0.6	8.0	1.4
2	705.5	3.1	0.6*			20	719.3	0.3	1.4*		
3	706.5	2.3	0.8	0.8	1.8	21	719.7	5.4	0.5	8.5	2.7
4	707.3	8.1	0.2	1.0	1.6	22	720.1	18.	0.5	9.0	9.0
5	707.6	5.3	0.5	1.5	2.7	23	720.7	28.	0.5	9.5	14.
6	708.4	2.9	0.4	1.9	1.2	24	721.1	19.	0.5	10.0	9.5
7	709.2	12.	0.6	2.5	7.2	25	721.7	20.	0.6	10.6	12.
8	710.3	7.8	0.4	2.9	3.1	26	722.8	25.	0.8	11.4	20.
9	710.7	5.8	0.6	3.5	3.5	27	723.3	2.3	0.6	12.0	1.4
10	711.7	4.2	0.7	4.2	2.9	28	724.2	12.	0.6	12.6	7.2
11	712.3	3.1	0.6	4.8	1.9	29	724.8	5.6	0.5	13.1	2.8
12	714.2	1.8	0.8	5.6	1.4	30	725.2	7.1	0.5	13.6	3.6
13	714.6	3.3	0.6	6.2	2.0	31	725.8	26.	0.5	14.1	13.
14	715.3	20.	0.2	6.4	4.0	32	726.2	26.	0.5	14.6	13.
15	715.7	3.7	0.3	6.7	1.1	33	726.9	11.	0.7	15.3	7.7
16	716.3	10.	0.3	7.0	3.0	34	727.5	0.3	0.6*		
17	716.7	14.	0.4	7.4	5.6	35	729.5	Imp.	0.7*		
18	717.2	0.6	0.6*								

\* Not included in cumulative feet of sand.

**SUMMARY**

	DEPTH FEET		FEET OF SAND	AVERAGE PERMEABILITY	CAPACITY FT. X MD.
	FROM	TO			
1	706.4	718.1	8.0	5.6	44.
2	719.5	727.2	7.3	16.	116.
1&2	706.4	727.2	15.3	10.	160.