

Oil Field Research Laboratories
RESULTS OF PERMEABILITY TESTS
TABLE I

Company The Sloan & Zook Company Lease Rosell Well No. R. C. 41

Sample No.	Depth, Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.
			Ft.	Cum. Ft.	
1	637.37	Imp.	0.20	0.20	0.00
2	637.67	Imp.	0.80	1.00	0.00
3	638.35	0.74	0.25	1.25	0.19
4	638.65	6.0	0.30	1.55	1.80
5	639.03	Imp.	0.22	1.77	0.00
6	639.68	1.8	0.73	2.50	1.31
7	639.95	Imp.	0.30	2.80	0.00
8	640.74	7.0	1.00	3.80	7.00
9	641.17	Imp.	0.30	4.10	0.00
10	641.63	Imp.	0.45	4.55	0.00
11	642.03	Imp.	0.25	4.80	0.00
12	642.75	6.7	0.68	5.48	4.56
13	643.06	32.	0.42	5.90	13.44
14	643.45	Imp.	0.24	6.14	0.00
15	643.75	Imp.	0.18	6.32	0.00
16	643.95	8.5	0.47	6.79	4.00
17	644.55	0.79	0.33	7.12	0.26
18	644.85	Imp.	0.52	7.64	0.00
19	645.33	2.7	0.30	7.94	0.81
20	645.87	Imp.	0.29	8.23	0.00
21	646.25	1.4	0.20	8.43	0.28
22	646.92	1.2	0.32	8.75	0.38
23	647.16	Imp.	0.30	9.05	0.00
24	647.42	15.	0.48	9.53	7.20
25	647.96	20.	0.50	10.03	10.00
26	648.36	15.	0.50	10.53	7.50
27	648.94	17.	0.45	10.98	7.65
28	649.35	11.	0.55	11.53	6.05
29	649.86	19.	0.45	11.98	8.55
30	650.36	6.7	0.55	12.53	3.69
31	651.07	6.8	0.45	12.98	3.06
32	651.35	3.7	0.23	13.21	0.85
33	652.53	Imp.	0.50	13.71	0.00
34	652.86	Imp.	0.23	13.94	0.00
35	653.13	Imp.	0.47	14.41	0.00
36	653.74	8.5	0.69	15.10	5.87
37	654.23	Imp.	0.35	15.45	0.00
38	654.75	Imp.	0.33	15.78	0.00
39	655.19	5.6	0.29	16.07	1.62
40	655.47	1.8	0.51	16.58	0.92

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			Ft.	Cum. Ft.	
41	656.23	Imp.	0.65	17.23	0.00
42	656.76	0.7	0.40	17.63	0.68
43	657.03	Broken	0.68	18.31	0.00
44	657.63	2.9	0.62	18.93	1.80
45	658.62	4.0	0.42	19.35	1.68
46	658.80	Imp.	0.28	19.63	0.00
47	658.96	0.70	0.50	20.13	0.35
48	659.64	Imp.	0.42	20.55	0.00
49	659.95	6.0	0.48	21.03	2.88
50	660.56	5.4	0.52	21.55	2.81
51	660.95	1.8	0.44	21.99	0.79
52	661.34	9.2	0.19	22.18	1.75
53	661.63	4.6	0.35	22.53	1.61
54	661.95	16.	0.45	22.98	7.20
55	662.55	6.3	0.45	23.43	2.84
56	662.85	2.7	0.70	24.13	1.89
57	663.45	Imp.	0.60	24.73	0.00
58	664.36	Imp.	0.70	25.43	0.00

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RESULTS OF SATURATION TESTS

TABLE III

Company The Sloan & Zook Company Lease Rosell Well No. RC 41

Sat. No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls./A. Ft.	Feet of Core		Total Oil Content Bbls./Acre
			Oil	Water	Total		Ft.	Cum. Ft.	
3	640.25	17.9	48.3	38.0	86.3	672	1.00	1.00	672
4	642.25	22.3	47.1	32.7	79.8	816	0.68	1.68	555
5	644.13	16.0	47.4	45.2	92.6	589	0.47	2.15	276
F5	644.37	20.8	52.8	-	-	854	0.33	2.48	282
6	645.50	22.9	38.6	36.5	75.1	687	0.41	2.89	282
7	646.50	17.5	29.5	65.0	94.5	401	0.20	3.09	80
F7	646.72	21.0	54.7	-	-	893	0.32	3.41	286
8	647.60	22.7	43.7	35.3	79.0	768	0.88	4.29	676
9	648.60	21.6	48.1	40.3	88.4	805	0.95	5.24	765
10	649.50	22.1	49.1	29.7	78.8	842	0.95	6.19	800
11	650.63	19.5	49.8	29.0	78.8	755	1.38	7.57	1,041
12	651.75	22.6	58.4	20.0	78.4	1,003	0.52	8.09	522
F12	652.03	17.0	51.5	-	-	680	0.30	8.39	204
13	653.34	18.4	60.7	26.3	87.0	869	1.16	9.55	1,008
14	654.44	22.3	56.4	23.6	80.0	979	0.35	9.90	342
F14	654.98	19.3	57.5	-	-	863	0.62	10.52	535
15	655.71	16.9	48.7	39.6	88.3	640	0.35	10.87	224
16	656.40	14.8	46.2	34.5	80.7	530	0.95	11.82	503
17	657.20	22.1	57.2	20.0	77.2	984	0.55	12.37	540
F17	657.48	16.7	45.2	-	-	587	0.23	12.60	135

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			Oil	Water	Total		Ft.	Cum. Ft.	
18	658.20	19.2	51.4	38.0	89.4	766	0.62	13.22	475
20	660.15	20.8	47.0	28.1	75.1	760	1.00	14.22	760
21	662.17	21.0	56.5	21.3	77.8	924	1.34	15.56	1,238
22	663.04	13.7	53.4	24.1	77.5	569	0.80	16.36	455
23	664.00	15.0	19.7	60.0	79.7	230	1.30	17.66	299
							Total	- - - -	12,955