

Oilfield Research Laboratories

RESULTS OF SATURATION TESTS

TABLE II

Company Mack C. Colt, Producer Lease County Farm Well No. 14-AO

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.	
1	796.1	15.3	19	-	-	226	0.6	0.6	136
2	797.1	17.0	28	-	-	369	1.0	1.6	369
3	798.1	17.1	26	-	-	345	1.0	2.6	345
4	799.1	19.1	60	-	-	889	0.7	3.3	622
5	800.1	20.9	53	-	-	859	1.1	4.4	945
6	801.1	17.7	50	-	-	687	1.0	5.4	687
7	802.1	18.4	48	-	-	686	1.0	6.4	686
8	803.1	18.2	50	-	-	708	1.0	7.4	708
9	804.1	17.4	51	-	-	689	1.0	8.4	689
10	805.1	17.3	53	-	-	712	1.2	9.6	854
11	806.1	15.0	45	-	-	524	0.8	10.4	419
12	807.1	17.6	42	-	-	574	0.7	11.1	401
13	808.1	19.1	50	-	-	742	1.0	12.1	742
14	809.1	20.2	50	-	-	784	0.7	12.8	548
15	810.1	20.4	44	-	-	697	1.6	14.4	1,115
16	811.1	18.4	46	-	-	657	0.6	15.0	394
17	812.1	17.4	46	-	-	621	1.4	16.4	870
18	813.1	19.5	43	-	-	651	0.8	17.2	521
19	814.1	20.9	48	-	-	779	0.9	18.1	700
20	815.1	20.2	39	-	-	612	1.3	19.4	796
21	816.1	18.3	42	-	-	597	0.5	19.9	299
		21	21				Total	- - - - -	12,846

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LABORATORY FLOODING TESTS

TABLE IV

Lease County Farm Well No. 14-A0

Oil Recovery		Residual Saturation			Volume of Water Recovered cc*	Effective Permeability, Millidarcys **	Initial Fluid Production Pressure Lbs./Sq. In.
	Bbls.A./ Ft.	% Oil	% Water	Bbls./A. Ft.			
	0	19	74	226	0	Imp.	50 4
	0	28	66	369	0	Imp.	50 4
	0	26	66	345	0	Imp.	50 4
	474	28	62	415	60	0.841	15
	454	25	67	405	141	2.18	15
	330	26	68	357	86	1.75	15
	329	25	67	357	95	1.75	15
	354	25	69	354	92	1.47	15
	324	27	66	365	51	0.917	15
	322	29	67	390	52	1.03	15
	140	33	61	384	9	0.170	25
	205	27	66	369	28	0.490	25
	386	24	69	356	106	2.17	15
	408	24	71	376	152	3.07	15
	301	25	67	396	125	2.45	15
	271	27	66	386	35	0.680	15
	202	31	61	419	10	0.185	25
	197	30	64	454	12	0.237	30
	373	25	68	406	168	3.43	15
	204	26	65	408	78	1.31	25
	0	42	50	597	0	Imp.	50 4
						17	