

15-001-19120

Oilfield Research Laboratories

RESULTS OF SATURATION TESTS

TABLE II

F-4

Company Mack C. Colt, Producer

Lease

(3)
Bowlus(12)
Well No. 22-A0

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	767.1	17.1	31	-	-	412	0.5	0.5	206
2	768.9	18.2	47	-	-	664	1.0	1.5	664
3	771.0	17.8	37	-	-	511	1.0	2.5	511
4	773.4	18.1	41	-	-	576	1.0	3.5	576
5	775.1	19.1	45	-	-	666	1.0	4.5	666
6	777.3	19.4	40	-	-	602	1.2	5.7	722
7	778.1	18.7	32	-	-	464	0.8	6.5	371
8	780.1	17.3	40	-	-	537	0.8	7.3	430
		<u>8</u>	<u>8</u>	<u>0</u>			Total-	- - - - -	-4,146

RESULTS OF LABORATORY FLOODING TESTS

TABLE IV

Company Mack C. Colt, Producer Lease Bowlus Well No. 22-AO

Sample No.	Depth, Feet	Effective Porosity Percent	Original Oil Saturation		Oil Recovery		Residual Saturation			Volume of Water Recovered cc*	Effective Permeability Millidarcys**	Initial Fluid Production Pressure Lbs./Sq./In.
			%	Bbls./A. Ft.	%	Bbls./A. Ft.	% Oil	% Water	Bbls./A. Ft.			
1	767.1	17.1	31	412	2	27	29	65	385	11	0.504	35
2	768.9	18.2	47	664	24	339	23	69	325	6	0.250	15
3	771.0	17.8	37	511	10	138	27	69	373	13	0.615	30
4	773.4	18.1	41	576	11	154	30	65	422	0	0.002	30
5	775.1	19.1	45	666	20	296	25	68	370	14	0.738	25
6	777.3	19.4	40	602	18	271	22	71	331	84	4.26	25
7	778.1	18.7	32	464	4	58	28	70	406	47	2.36	25
8	780.1	17.3	40	537	6	81	34	61	456	0	0.006	35
		<u>8</u>	<u>5</u>								<u>8</u>	

Notes: cc—cubic centimeter.

*—Volume of water recovered at the time of maximum oil recovery.

**—Determined by passing water through sample which still contains residual oil.