

CA 24

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

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CORE ANALYSIS RESULTS

Company **THE ATLANTIC REFINING COMPANY** Formation **UPPER & LOWER TOCITO** File **RP-3-922**
 Well **NAVAJO NO.29** Core Type **DIAMOND CONV.** Date Report **2-11-59**
 Field **HORSESHOE GALLUP** Drilling Fluid **OIL EMULSION MUD** Analysts **CLIFFORD**
 County **SAN JUAN** State **NEW MEX.** Elev. **5554 OR** Location **SEC 31 31N 16W**

Lithological Abbreviations

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		hor	vert		OIL	TOTAL WATER	
1	1221-22	0.06	0.02	2.6	7.7	50.0	
2	22-23	0.06	0.02	6.3	11.1	73.0	
3	23-24	0.08	0.02	8.7	33.3	51.7	
4	24-25	0.06	0.04	11.0	19.1	69.1	
5	25-26	0.06	0.03	7.2	11.1	79.2	
6	26-27	1.6	1.1	8.1	14.8	59.3	
7	27-28	0.96	0.04	13.2	21.2	75.8	
8	28-29	0.60	0.02	10.6	13.2	79.2	
9	29-30	0.54	0.09	9.2	13.0	75.0	
10	30-31	0.35	0.04	11.3	24.8	63.7	
11	31-32	0.06	0.04	11.3	12.4	65.5	
12	32-33	443	269	20.2	14.9	32.2	
13	33-34	258	111	20.6	18.0	36.9	
14	34-35	0.16	0.13	17.4	7.5	49.4	
15	35-36	0.17	0.07	9.2	16.3	51.1	
16	36-37	0.26	0.09	8.8	15.9	59.1	
17	37-38	87	44	16.6	25.3	28.3	
18	38-39	0.70	0.41	20.7	12.1	21.7	
19	39-40	100	49	17.8	14.6	37.6	
20	40-41	4.8	4.5	16.7	16.8	44.3	
21	41-42	155	39	18.8	13.8	41.5	
22	42-43	212	12	25.1	12.4	35.9	
23	43-44	279	171	24.8	11.7	34.7	
24	44-45	49	26	21.4	19.6	31.3	
25	45-46	58	35	14.3	18.9	52.4	
26	46-47	17	3.9	18.3	6.0	42.6	
27	47-48	0.70	0.26	13.5	8.9	68.1	
28	48-49	134	77	25.6	12.9	30.9	
29	49-50	372	1.0	17.0	11.2	21.8	
30	50-51	0.43	0.14	7.7	9.1	53.2	
31	51-52	19	4.4	19.0	13.2	29.5	
32	52-53	11	1.0	11.9	23.5	35.3	
33	53-54	0.70	0.41	15.8	12.7	51.3	
34	54-55	0.55	0.26	12.6	19.8	31.0	
35	55-56	0.43	0.09	8.3	15.7	39.8	
36	56-57	0.26	0.20	14.0	17.9	48.6	
37	57-58	0.13	0.06	6.4	7.8	67.2	
38	58-59	0.17	0.06	10.7	4.7	68.2	
39	59-60	0.25	0.02	11.5	4.3	81.7	
40	60-61	0.14	0.05	10.6	6.6	75.5	
41	61-62	0.11	0.07	10.8	6.5	72.2	
42	1262-63	0.07	0.03	11.0	6.4	76.4	

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