

CORE ANALYSIS RESULTS
JUN 25 11 '68

Company THE SUPERIOR OIL COMPANY Formation BOUGH "C" File WP-1-7463
 Well HUTCHERSON "A" NO. 1 Core Type 3 1/2" DIAMOND Date Report 4-1-68
 Field VEDA PERM Drilling Fluid WATER BASE MUD Analysts DILLARD
 County LEA State N. MEXICO Elev. 4243' KB Location 1980' FE & 660' FNL SEC 27-9S-34E

WHOLE CORE ANALYSIS

Lithological Abbreviations

SAND-SD SHALE-SH LIME-LM DOLOMITE-DOL CHERT-CH GYPSUM-GYP ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FOSS SANDY-SDY SHALY-SHY LIMY-LMY FINE-FN MEDIUM-MED COARSE-CSE CRYSTALLINE-XLN GRAIN-GRN GRANULAR-GRNL BROWN-BRN GRAY-GY VUGGY-VGY FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY SLIGHTLY-SL/ VERY-V/ WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS MAX.	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
1	9855.5-56.5	<0.1	<0.1	1.8	0.0	88.9 Lm, sl/shy
# 2	56.5-58.1	0.4	0.1	7.9	2.5	68.3 Lm, sl/vgy
# 3	58.1-59.6	30	24	9.4	4.3	56.4 Lm, vgy
4	59.6-61.0	4.1	1.5	9.0	5.6	65.6 Lm, vgy
# 5	61.0-62.4	127	14	7.9	6.3	54.5 Lm, vgy
6	62.4-63.8	10	0.6	9.8	1.0	63.2 Lm, vgy
# 7	63.8-65.0	90	17	7.9	1.3	50.7 Lm, vgy
# 8	65.0-66.8	12	1.9	7.6	1.3	56.7 Lm, vgy
9	66.8-67.8	6.6	<0.1	8.3	1.2	43.2 Lm, vgy
10	67.8-69.0	495	100	11.3	2.4	50.8 Lm, vgy
# 11	69.0-70.8	74	25	13.7	5.2	51.5 Lm, vgy
12	70.8-72.0	12	0.2	8.9	1.8	46.9 Lm, vgy
13	72.0-73.4	<0.1	<0.1	1.3	0.0	47.0 Lm, sty
14	73.4-75.0	<0.1	<0.1	0.7	0.0	55.8 Lm, sty
15	75.0-76.4	<0.1	<0.1	0.6	0.0	90.8 Lm, sty
16	76.4-77.8	<0.1	<0.1	0.6	0.0	58.7 Lm, sty
17	77.8-79.4	66	<0.1	2.8	3.6	46.5 Lm, vgy, vert frac
18	9879.4-81.0	<0.1	<0.1	1.4	0.0	68.9 Lm, sl/vgy, sl/frac, sty
	9845.0-52.0					Shy, sl/lmy
	9852.0-55.5					Shy
	9881.0-88.0					Lm, sl/shy, foss

Preserved Samples