

CORE ANALYSIS RESULTS

Company ROGER C. HANKS Formation BOUGH "C" File WP-3-3205
 Well MIDWEST STATE NO. 1 Core Type DIAMOND 4" Date Report 7-7-69
 Field MIDDLE ALLISON Drilling Fluid WATER BASE MUD Analysts BOONE
 County ROOSEVELT State NEW MEXICO Elev. 4135.4' KB Location 660' FNL 1980' FWL SEC 32-8S-36E

Lithological Abbreviations

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

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY MAX.	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

WHOLE-CORE ANALYSIS

9775.0-9822 - CORE NO. 1

	9775.0-83.0						Shale
	9783.0-87.0						Lime, shy
	9787.0-00.0						Shale
	9800.0-03.0						Lime, shy
1	9803.0-04.7	<0.1	<0.1	3.3	3.7	59.5	Lime
2	04.7-05.7	25	21	4.5	6.2	26.9	Lime, sl/vgy
3	05.7-07.0	59	50	6.7	7.5	24.4	Lime, sl/vgy
4	07.0-08.5	12	12	5.0	5.0	29.1	Lime, vgy
5	08.5-10.0	80	72	5.8	6.2	32.2	Lime, vgy
6	10.0-11.4	125	120	7.8	6.2	31.9	Lime, vgy
7	11.4-13.0	240	240	11.0	4.4	32.8	Lime, vgy
8	13.0-14.5	195	190	10.3	3.4	34.9	Lime, vgy
9	14.5-16.2	0.1	0.1	3.5	8.5	50.2	Lime, sl/vgy
10	9816.2-18.0	0.9	0.8	3.6	6.1	36.0	Lime, sl/vgy
	9818.0-22.0						Lime, Broken-Unsuitable for Analysis