CA-20H

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Company PAULEY PETROLEUM INC. File WP-4-1574
Well NEW MEXICO STATE NO. 1 Date 3-16-66
Field WILDCAT Elevation
County LEA State NEW MEXICO Drlg. Fluid SALT BASE MUD
Location SEC 36, T-25, R-34

Lithological Abbreviations

SAND-SS SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CHT GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE-CONG FOSSILIFEROUS-FO	SANDY-SDY SHALY-SHY LIMY-LMY	FINE-FN MEDIUM-MED COARSE-CRSE	CRYSTALLINE-XLN GRAIN-GN GRANULAR-GNR	BROWN-BRN GRAY-GRY VUGGY-VGY	FRACTURED-FRAC LAMINATED-LAM STYLOLITIC-STYC	SLIGHTLY-SL/ VERY-V/ WITH-W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS MAX	PERMEABILITY MILLIDARCYS 90°	POROSITY PERCENT	RESIDUAL SATURATION PERCENT PORE OIL	RESIDUAL SATURATION PERCENT PORE WATER	DESCRIPTION
			SIDE WALL SAMPLES				
1	5431	44		40.3	0.0	53.6	SS
2	5442	29		38.2	0.0	51.0	SS
3	5448	16		38.5	0.0	49.4	SS
4	5455	32		38.2	0.0	50.3	SS
5	5455	6.5		35.7	0.0	57.4	SS
6	5460	53		38.9	0.0	52.5	SS
7	5460	38		40.3	0.0	55.2	SS
8	5466	20		38.7	0.0	55.6	SS
9	5466	43		39.6	0.0	56.0	SS