

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

Page No. 1

4-20H

Company PHILLIPS PETROLEUM COMPANY File WP-3-3127
 Well Phillips STATE "E" NO. 10 Date 2-7-69
 Field MALJAMAR Elevation 4194' DF
 County LEA State NEW MEXICO Drlg. Fluid WATER BASE MUD
 Location 990 FS & 1650 FEL SEC 9-T17S-R33E

Lithological Abbreviations

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

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION PERCENT PORE		DESCRIPTION
		MAX	90°		OIL	WATER	

CONVENTIONAL ANALYSIS

CORE NO. 1 4335-4387
 4335.0-60.0 DOL
 60.0-64.0 SH, SDY

1	64.0-65.0	2.9	9.4	13.8	53.2	SS
2	65.0-66.0	20	19.6	17.9	47.5	SS
3	66.0-67.0	1.7	16.4	18.3	44.0	SS

67.0-75.5 DOL
 75.5-81.0 SS
 81.0-85.0 DOL
 85.0-87.0 LOST CORE

CORE NO. 2 4387-4437
 4387.0-89.0 DOL, SDY
 89.0-93.0 DOL
 93.0-96.0 SS, DOL
 96.0-02.0 DOL

4	4402.0-03.0	<0.1	1.2	0.0	58.3	DOL
5	03.0-04.0	<0.1	1.4	0.0	64.3	DOL

04.0-17.0 DOL

6	17.0-18.0	0.2	11.5	7.8	65.2	SS
7	18.0-19.0	15	17.5	14.8	39.4	SS
8	19.0-20.0	72	19.6	16.9	46.5	SS
9	20.0-21.0	3.3	13.8	21.7	21.7	SS
10	21.0-22.0	<0.1	2.2	0.0	54.7	SS

22.0-37.0 DOL

CORE NO. 3 4437-4488
 4437.0-40.0 DOL

11	40.0-41.0	<0.1	1.4	0.0	64.3	DOL
12	41.0-42.0	0.2	7.2	16.7	22.2	DOL, SDY
13	42.0-43.0	<0.1	7.6	16.7	22.2	DOL, SDY
14	43.0-44.0	<0.1	6.5	13.9	30.8	SS
15	44.0-45.0	<0.1	2.0	0.0	75.0	DOL

45.0-49.0 DOL

16	4449.0-50.0	<0.1	1.2	0.0	75.0	DOL
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