

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

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GETTY OIL COMPANY
 BILLBREY FEDERAL COMM. NO. 1
 BILLBREY FIELD
 LEA COUNTY, NEW MEXICO

DATE : 10-19-81
 FORMATION : MORROW
 DRG. FLUID: OIL BASE MUD
 LOCATION : 1980' FWL & 660' FNL, SEC. 4, T-22-S, R-32-E

FILE NO : 3202-12602
 ANALYSTS : REINHEIMER
 LABORATORY: MIDLAND TEXAS

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	HE FOR	GRAIN DEN	DESCRIPTION
CORE NO. 1 14460.0-14506.0 CUT 46' REC 37'					
	14460.0-63.0				NA SH
	14463.0-64.0				NA LM SHY
	14464.0-74.0				NA SH
	14474.0-75.0				NA LM SHY
	14475.0-76.0				NA SH
	14476.0-83.0				NA LM SHY
	14483.0-90.0				NA SH LMY
1	14490.0-91.0	<0.01	0.6	2.76	SD CG SL/LMY
2	14491.0-92.0	<0.01	0.9	2.74	SD CG SL/LMY
3	14492.0-93.0	2.3	4.4	2.76	SD CG SL/LMY VF
4	14493.0-94.0	0.20	6.2	2.68	SD CG SL/LMY
5	14494.0-95.0	<0.01	2.5	2.68	SD CG SL/LMY
6	14495.0-96.0	0.07	3.8	2.69	SD CG SL/LMY
	14496.0-97.0				NA SH LMY
	14497.0- 6.0				LOST CORE
CORE NO. 2 14506.0-14510.0 CUT 4' REC 2'					
7	14506.0- 7.0	<0.01	1.0	2.74	LM SL/SDY
8	14507.0- 8.0	<0.01	1.6	2.71	LM SL/SDY CG
	14508.0-10.0				LOST CORE
CORE NO. 3 14510.0-14516.0 CUT 6' REC 5'					

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CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MAXIMUM	HE FOR	GRAIN DEN	DESCRIPTION
	14510.0-15.0				NA SH SL/LMY
	14515.0-16.0				LOST CORE