

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

MESA PETROLEUM COMPANY
 MONSANTO STATE NO. 1
 LOVINGFORD MORROW
 LEA, NEW MEXICO

DATE: 12-6-74
 FORMATION: WOLFECAMP
 DRUG. FLUID: WATER BASE MUD
 LOCATION: 1980 FS & WL, SEC 14, T-16S, R-35E

FILE NO: 623-5645
 ENGINEER: JO HE
 ELEVATION: 3975 KB

* INDICATES PLUG PERM

S INDICATES PRESERVED SAMPLE

WHOLE CORE ANALYSIS

SMP. NO.	DEPTH	PERM. TO AIR MD. MAXIMUM	90 DEG VERT.	POROSITY GEX. FLD.	FLUID SATS. OIL	GR. DEN.	DESCRIPTION
1	10406.0-07.5	1.2	1.0	4.7	10.5	7.9	LIME, SL/VGY
2	10407.5-09.0	<0.1	<0.1	1.7	2.9	41.2	LIME, SL/VGY
	10409.0-12.0						LIME
3	10412.0-13.5	0.4	0.2	3.8	1.0	21.7	LIME, SL/VGY
4	10413.5-15.0	<0.1	<0.1	1.4	3.6	52.9	LIME, SL/VGY
5	10415.0-16.7	2.0	1.8	3.4	33.3	23.6	LIME, SL/VGY
6	10416.7-18.0	<0.1	<0.1	2.7	1.5	28.0	LIME, SL/VGY
7	10418.0-19.7	<0.1	<0.1	1.9	0.0	36.3	LIME, SL/VGY
8	10419.7-21.4	<0.1	<0.1	1.7	33.9	48.6	LIME
9	10421.4-23.0	<0.1	<0.1	1.5	12.3	79.8	LIME
10	10423.0-24.5	5.1	4.3	5.2	13.2	7.6	LIME, SL/VGY
11	10424.5-26.0	8.4	6.5	7.6	11.6	4.6	LIME, SL/VGY
12	10426.0-27.4	4.5	4.1	9.0	9.0	11.3	LIME, SL/VGY
13	10427.4-28.8	1.5	1.3	9.1	11.1	11.3	LIME, SL/VGY
14	10428.8-30.7	<0.1	<0.1	2.7	7.4	20.1	LIME, SL/VGY
15	10430.7-32.4	2.5	2.0	4.8	10.5	9.2	LIME, SL/VGY
16	10432.4-33.7	0.8	0.8	3.5	7.4	27.5	LIME, SL/VGY
17	10433.7-35.3	<0.1	<0.1	1.3	3.1	40.8	LIME
18	10435.3-36.0	2.5	1.8	2.5	8.1	30.5	LIME
	10436.0-39.0						LIME
19	10439.0-40.5	0.4	0.2	3.3	3.3	26.1	LIME

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