CL-511-2

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Company **MIDWEST OIL CORPORATION**	Formation **"J" SAND**	Page **1** of **1**
Well **NO. 3 COLORADO 34-3-59**	Cores **DIA. CONV. 4"**	File **RP-2-4209**
Field **PONCHO**	Drilling Fluid **WBM**	Date Report **8-19-71**
County **ADAMS** State **COLORADO**	Elevation **5074 KB**	Analysts **RM; BS**
Location **SE NE Sec. 34 T3S R59W**	Remarks **CONVENTIONAL CORE ANALYSIS**	

CORE ANALYSIS RESULTS
(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS K_A		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME % PORE	TOTAL WATER % PORE		
1	6061.5-62	<0.1	<0.1	2.9	3.5	72.5		Ss gry vfg v/cly qtz
2	6062-63	<0.1	<0.1	8.1	1.2	61.7		Ss wh vfg v/cly s & p
3	6063-64	<0.1	<0.1	12.3	5.7	65.0		Ss wh vfg v/cly slty carb
4	6072-73	<0.1	<0.1	11.2	0.9	75.8		Ss wh vfg v/cly glauc carb
5	6073-74	<0.1	<0.1	9.3	1.1	72.0		Ss wh vfg v/cly glauc carb
6	6074-75	<0.1	<0.1	10.1	1.0	73.3		Ss wh vfg v/cly glauc carb
7	6075-76	0.2	<0.1	13.6	1.5	83.0		Ss wh vfg v/cly s & p carb
8	6076-77	<0.1	<0.1	14.9	1.3	73.8		Ss wh vfg v/cly glauc carb
9	6077-78	0.3	<0.1	14.7	3.4	77.0		Ss wh vfg v/cly glauc carb
10	6078-79	<0.1	<0.1	16.9	1.2	80.5		Ss wh vfg v/cly glauc carb
11	6079-80	<0.1	<0.1	16.0	1.2	79.4		Ss wh vfg v/cly glauc carb
12	6080-81	<0.1	<0.1	17.2	1.2	78.5	VF	Ss wh vfg v/cly glauc carb
13	6081-82	0.1	<0.1	16.8	0.6	77.5		Ss wh vfg v/cly glauc carb
14	6082-83	<0.1	<0.1	13.4	1.5	76.1		Ss wh vfg v/cly glauc carb
15	6083-84	0.2	<0.1	16.5	3.0	75.1		Ss wh vfg v/cly glauc carb
16	6084-85	0.2	<0.1	12.0	9.2	60.0		Ss wh vfg v/cly glauc carb
17	6085-86	0.8	0.2	15.3	7.2	60.1		Ss wh vfg v/cly glauc carb
18	6086-87	0.4	0.3	17.2	7.6	61.6		Ss wh vfg v/cly glauc carb
19	6087-88	0.2	0.1	15.2	4.6	69.7		Ss wh vfg v/cly glauc carb
20	6088-89	0.1	<0.1	15.5	3.2	72.9		Ss wh vfg v/cly s & p carb
21	6089-90	<0.1	<0.1	15.9	0.6	74.9		Ss wh vfg v/cly s & p carb
22	6090-91	<0.1	<0.1	16.3	3.1	75.5		Ss wh vfg v/cly s & p carb
23	6091-92	<0.1	<0.1	15.2	0.7	73.0		Ss wh vfg v/cly s & p carb
24	6092-93	0.1	<0.1	14.6	3.4	74.0		Ss wh vfg v/cly s & p carb
25	6094-95	<0.1	<0.1	4.7	2.1	70.2		Ss wh vfg v/cly qtz carb
26	6103.5-04	4.5	1.9	13.3	18.0	40.5		Ss tn vfg v/cly carb
27	6104-05	0.5	0.3	11.4	21.0	38.6		Ss tn vfg v/cly carb
28	6105-06	<0.1	<0.1	7.9	17.7	25.3		Ss tn vfg v/cly qtz
29	6106-07	<0.1	<0.1	16.6	4.2	73.0		Ss tn vfg v/cly carb
30	6107-08	<0.1	<0.1	13.3	5.3	79.6		Ss tn vfg v/cly carb

SERVICE NO. 5-A, 1-B.   VF = VERTICAL FRACTURE.