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CL-811-1

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. 1

CORE ANALYSIS RESULTS

Company THE FREMONT PETROLEUM COMPANY Formation MISSISSIPPIAN File RP-3-2234
Well #3 HARRISON Core Type D/C Date Report 7/31/67
Field BRANDON Drilling Fluid SALT BASE CHEM GEL Analysts GRAHAM
County KIOWA State COLORADO Elev. 3898 KB Location SEC. 9-T19S-R45W

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLomite - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LIMY	FINE - FNE MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GR VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY K	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS		
				OIL	TOTAL WATER			

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY K	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
		MAX.	90°			
1	4753 -54	9.00	4.46	11.2		TACTITE:BRN-GRY, CONG, FEW LGE VGS, VERT. FRAC
2	4754 -55.2	43.29	16.8	16.8		TACTITE:BRN-GRY, CONG, FEW LGE VGS, VERT FRAC
3	4755.2-56.3	11.7	8.6	14.6		TACTITE:BRN-GRY, CONG, VERT FRAC
4	4756.3-57.5	7.5	2.8	14.7		TACTITE:BRN-GRY, CONG, VERT FRAC
5	4757.5-58.7	32.1	26.9	18.0		TACTITE:BRN-GRY, CONG, VERT FRAC
6	4758.7-60	113.38	86.2	15.7		TACTITE:BRN-GRY, CONG, VERT FRAC
7	4760 -61	305.6	234.6	13.5		SD:BRN, MED-CSE, SLI/FRI
8	4761 -62	10.5	5.7	15.7		TACTITE:BRN-GRY, CONGL
9	4762 -63.1	43.3	21.4	9.2		TACTITE:BRN-GRY, CONGL, VERT FRAC
10	4763.1-64.1	10.71	9.4	13.8		SD:BRN, MED-CSE, SLI/FRI
11	4764.1-65	6.3*		13.1		SD:BRN, MED-CSE, SLI/FRI, VERT FRAC
12	4765 -66.3	45.7	1.7	11.9		SD:BRN, MED-CSE, SLI/FRI, VERT FRAC
13	4766.3-67.6	2.4	2.2	11.4		TACTITE:BRN-GRY, CONGL
14	4767.6-69	28.1	11.2	13.6		TACTITE:BRN-GRY, CONG, VERT FRAC
15	4769 -70.2	0.55	0.50	13.5		TACTITE:BRN-GRY, CONG, VERT FRAC
16	4770.2-71.6	40.4	<0.10	15.0		TACTITE:BRN-GRY, CONG, VERT FRAC
17	4771.6-73	0.56*	6.4			TACTITE:BRN-GRY, CONG, VERT FRAC
18	4787 -88	8.9	2.0	8.1		TACTITE:BRN-GRY, CONG, VERT FRAC, HAIRLINE
19	4788 -89.1	71.3	7.9	10.5		TACTITE:BRN-GRY, CONG, VERT FRAC
20	4789.1-90.6	13.9	2.8	13.0		TACTITE:BRN-GRY, CONG, HAIRLINE VERT FRAC
21	4790.6-92.3	4.1	1.2	12.7		TACTITE:BRN-GRY, CONG, HAIRLINE VERT FRAC
22	4792.3-93.6	66.5	50.9	13.4		TACTITE:BRN-GRY, CONG, HAIRLINE VERT FRAC
23	4793.6-94.6	50.3	16.1	11.9		TACTITE:BRN-GRY, CONG, VERT FRAC
24	4794.6-95.6	3.3	1.9	12.1		TACTITE:BRN-GRY, CONG, VERT FRAC
25	4795.6-96.7	0.31	<0.10	11.3		TACTITE:BRN-GRY, CONG, VERT FRAC
26	4796.7-98.2	11.3	6.3	8.7		TACTITE:BRN-GRY, CONG, VERT FRAC
27	4798.2-4800	7.5*	10.9			TACTITE:BRN-GRY, CONG, VERT FRAC

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*MATRIX PERM, SAMPLE NOT SUITABLE FOR WHOLE CORE PERMEABILITY MEASUREMENT
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