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S. INC.

MAR 14 1966

Petroleum Reservoir Engineering

DALLAS, TEXAS

Company ARROWHEAD EXPLORATION COMPANY Formation "J" SAND Page of
 Well NO. 22-19 SCHUG Cores DIAMOND File RP-2-3441
 Field WILDCAT Drilling Fluid WBM Date Report 10/11/65
 County WASHINGTON State COLORADO Elevation 4822 KB Analysts PARKER
 Location SE NW 19-3S-56W Remarks CONVENTIONAL ANALYSIS

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	TOTAL WATER % PORE		
1	5173-74	53	52	17.7	7.3	64.3		ss,fg,carb
2	74-75	314	268	19.3	12.9	55.4		ss,fg
3	75-76	98	66	23.9	0.0	80.8		ss,fg,clay
4	76-77	109	88	22.7	0.0	86.7		ss,fg,clay
5	78-79	163	78	23.4	0.0	83.3		ss,fg,clay
6	80-81	131	91	23.4	0.0	83.3		ss,fg,clay
7	85-86	155	133	22.1	0.0	86.0		ss,fg,clay
8	90-91	70	59	20.7	0.0	82.1		ss,fg,clay
9	5197-98	82	68	17.1	0.0	85.4		ss,fg,clay
10	5208-09	4.7	0.0	23.6	0.0	90.4		ss,fg,clay

NOTE:

- (*) REFER TO ATTACHED LETTER.
 (1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

(2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

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