



CORE LABORATORIES, INC.

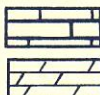
Petroleum Reservoir Engineering

COMPANY CHAMPLIN OIL & REFINING COMPANY DATE ON 3/9/61 FILE NO. rp-2-2496  
 WELL # 1 LOUDDER - A DATE OFF 3/9/61 ENGRS. PARKER  
 FIELD BISON FORMATION "J" SAND ELEV. 5041' KB  
 COUNTY WASHINGTON STATE COLORADO DRLG. FLD. OIL EMULSION \_\_\_\_\_ CORES DIAMOND  
 LOCATION C NW SW SEC. 8-4S-53W REMARKS CONVENTIONAL ANALYSIS



SAND

LIMESTONE



CONGLOMERATE



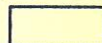
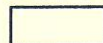
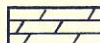
CHERT



SHALE



DOLOMITE



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## TABULAR DATA and INTERPRETATION

## COMPLETION COREGRAPH

 PERMEABILITY ○—○  
MILLIDARCS

20 15 10 5 0

 POROSITY X---X  
PERCENT

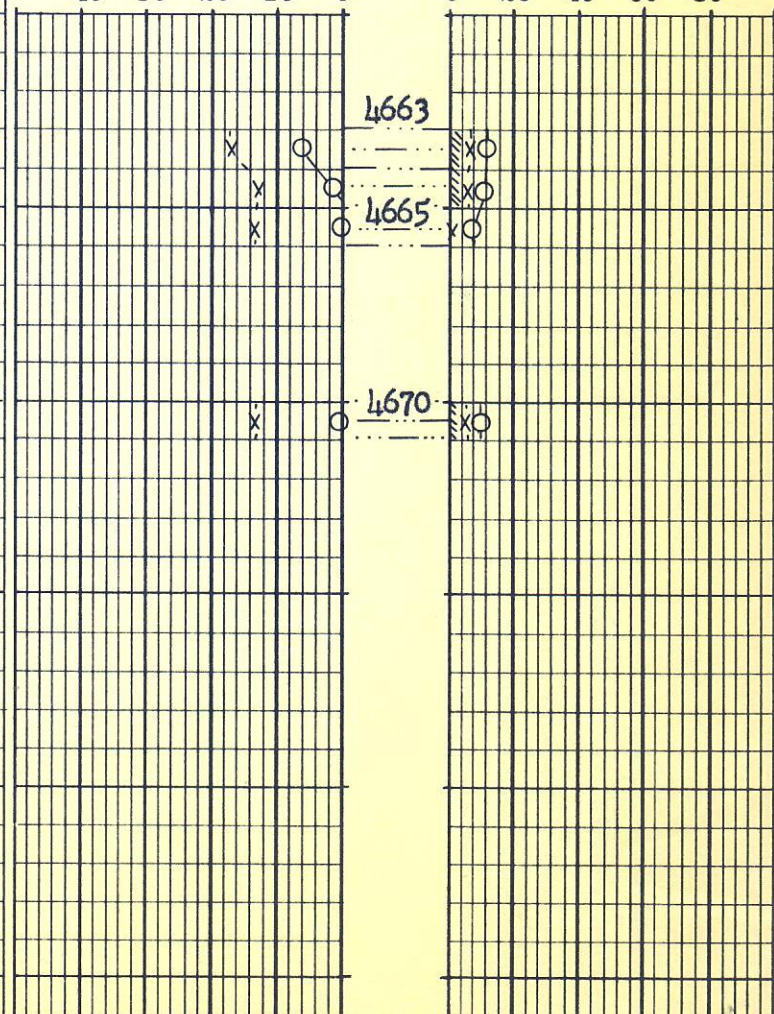
40 30 20 10 0

 TOTAL WATER ○—○  
PERCENT PORE SPACE

80 60 40 20 0

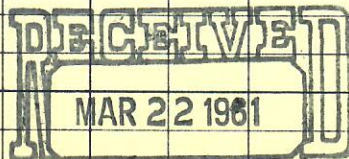
 OIL SATURATION X---X  
PERCENT PORE SPACE

0 20 40 60 80



LOGGED FROM SAMPLES ONLY.

SAMPLE NUMBER	DEPTH FEET	PERM. MD.	POROSITY %	RESIDUAL SATURATION % PORE SPACE		VERTICAL PERMEABILITY.	PROD.
				OIL	TOTAL WATER		
1	4663-64	3.1	17.2	7.0	88.0	0.0	
2	64-65	0.7	13.7	6.6	89.1	0.0	
3	65-66	0.0	13.5	0.0	93.2	0.0	
4	4670-71	0.1	13.6	6.6	89.6	0.0	


 OIL & GAS  
CONSERVATION COMMISSION