CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

CP-10-263-TMI

COMPANY	KEWANEE OIL COMPANY	DATE ON	2-19-59	FILE NO.	CP-1-3482-WC
WELL	KLINE NO. 3	DATE OFF	2-22-59	ENGRS.	DONOHOE
FIELD	HALLET	FORMATION	MISSISSIPPI LM	ELEV.	2467'CM
COUNTY	HODGEMAN STATE KANSAS	DRLG. FLD.	WATER BASE MUD	CORES	DIAMOND
LOCATION	NE NW NE SEC 15-22N-25W	REMARKS	SAMPLED BY CLI AS DIRECTED BY REPRESENTATIVES OF CLIENT.		

Special Analysis

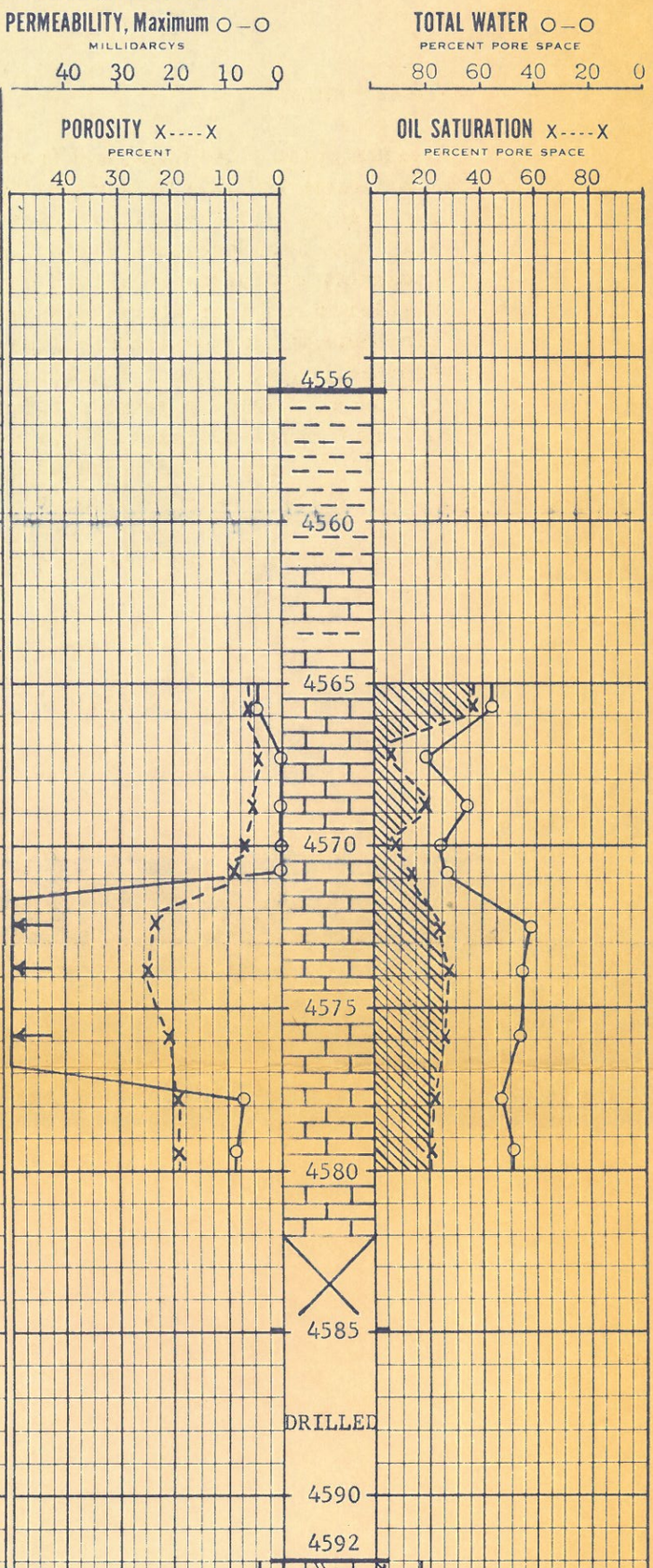
CORE REPORT

SAND LIMESTONE CONGLOMERATE CHERT
SHALE DOLOMITE

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

* Denotes plugged permeability

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILIDARCYS MAX.	PERMEABILITY MILIDARCYS 90°	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	RESIDUAL SATURATION % PORE SPACE TOTAL WATER
1	4565.0-66.6	4.7	4.7	6.4	37.2	56.5
2	4566.6-68.1	0.1	<0.1	4.2	6.7	81.2
3	4568.1-69.5	0.1	<0.1	5.4	18.0	65.3
4	4569.5-70.5	0.3	0.3	7.1	7.7	76.1
5	4570.5-71.6	1.0	0.9	8.8	13.1	73.4
6	4571.6-72.8	103	79	22.9	24.6	42.1
7	4572.8-74.8	303	94	24.4	26.6	45.0
8	4574.8-76.8	59	49	21.8	25.7	46.1
9	4576.8-78.8	6.8	6.0	19.6	22.0	54.2
10	4578.8-80.0	8.4	*	19.2	20.9	48.9



11	4592.0-93.3	<0.1	<0.1	4.6	4.3	84.8
12	4593.3-94.5	<0.1	<0.1	5.9	5.1	84.7
13	4594.5-96.5	0.2	<0.1	12.8	1.6	91.4

