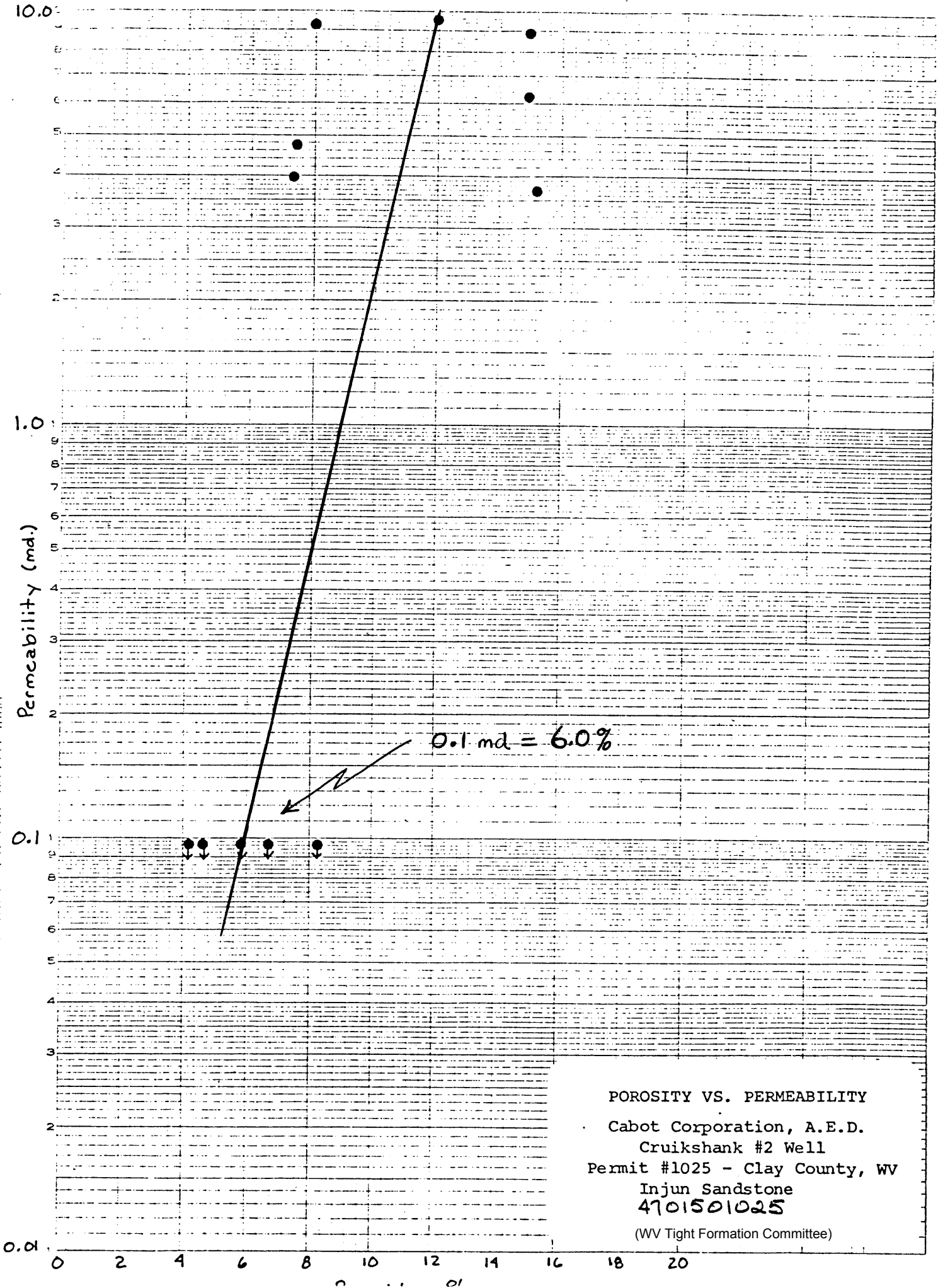


DIETZEN CORPORATION
MADE IN U.S.A.

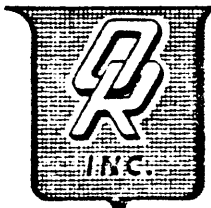
NO. 3409-1310 DIETZEN GRAPH PAPER
SEMI LOGARITHMIC
1 CYCLE X 10 DIVISIONS PER INCH



POROSITY VS. PERMEABILITY

Cabot Corporation, A.E.D.
Cruikshank #2 Well
Permit #1025 - Clay County, WV
Injun Sandstone
4701501025

(WV Tight Formation Committee)



OILFIELD RESEARCH, INC.

COMPANY CABOT CORPORATION, A.E.D. **ELEVATION** 1290 K.B. **FILE NO.** 7504028
LEASE CRUIKSHANK **WELL** 2 **FORMATION** INJUN **DATE CORED** _____
FIELD _____ **DRG. FLUID** F.W. GEL **DATE REPORT** 4/29/75
COUNTY CLAY **STATE** W. VA. **TYPE OF CORE** DIAMOND **PERMIT NO.** _____
LOCATION _____ **REMARKS** SAMPLED BY CLIENT

CORE ANALYSIS REPORT

SANDSTONE **VUGS**

These methods, symbols or abbreviations are based on observations and analysis supplied by the client to whom and for whose exclusive and confidential use the report is made. The Interstate Oil & Natural Gas Commission (IOGOC) and the American Petroleum Institute (API) are the primary agencies responsible for the standardization of symbols and abbreviations used in the oil and gas industry. Oilfield Research, Inc. and its officers and employees, assume no responsibility and shall not be held liable for any errors or omissions in this report or for any loss or damage of any kind, in whole or in part, resulting from the use of this report or from any other cause.

PERMEABILITY ← MILLIDARCYs 30 25 20 15 10 5 0
TOTAL WATER ← PERCENT PORE SPACE 100 75 50 25 0

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		POROSITY %	RESIDUAL LIQUID SATURATION % PORE SPACE		POROSITY x---x PERCENT					OIL SATURATION x---x PERCENT PORE SPACE				
		HORIZONTAL	VERTICAL		OIL	TOTAL WATER	25	20	15	10	5	0	25	50	75	100
1	2400.5	3.7	1.3	15.3												
2	2401.5	<0.10	<0.10	8.3												
3	2402.5	<0.10	<0.10	6.7												
4	2403.5	4.0	<0.10	7.4												
5	2404.5	<0.10	<0.10	5.9												
6	2405.5	<0.10	<0.10	4.7												
7	2406.5	<0.10	<0.10	4.2												
8	2407.5	20.	3.6	6.0												
9	2408.5	14.	5.3	7.5												
10	2409.5	13.	3.2	10.6												
11	2410.5	8.9	6.4	15.0												
12	2411.5	12.	6.3	6.9												
13	2412.5	9.6	4.6	12.0												
14	2413.5	8.0	3.5	9.3												
15	2414.5	4.7	3.9	7.5												
16	2415.5	6.2	3.1	15.0												

CORE SUMMARY

FORMATION	DEPTH, FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY		AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, %	
			HORIZONTAL	VERTICAL		OIL	WATER
INJUN	2400.0 - 2416.0	16.0'	6.5	2.6	8.9		