EARLOUGHER ENGINEERING

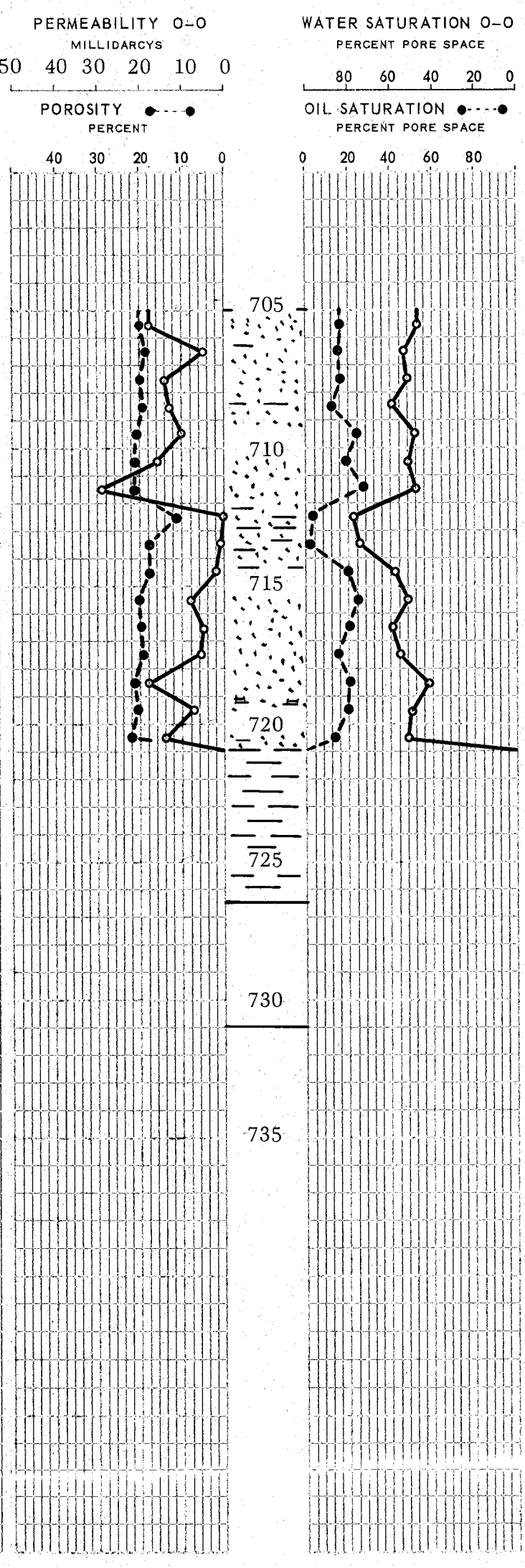
PETROLEUM CONSULTANTS
CORE AND WATER ANALYSIS LABORATORIES

COMPANY MAPCO PRODUCTION COMPANY WELL W. L. GREGORY NO. W-14
LOCATION NE NE SW NW, Sec 35-32S-17E FORMATION Bartlesville
FIELD _____ DRLG. FLUID Water TYPE CORE 3-inch Rotary
COUNTY Labette STATE Kansas ELEV. GL 819 Ft (Est) DATE 2-17-71
REMARKS _____

RESULTS OF CORE ANALYSES

SPLE. NO.	DEPTH FEET	PERM. MD.	POR-OSITY %	CORE SATURATION % PORE SPACE OIL	CORE SATURATION % PORE SPACE WATER	REMARKS
1	705-06	18.	19.8	17	47	Top core, sd
2	706-07	5.2	18.5	15	54	Sd
3	707-08	14.	19.5	17	52	Sd
4	708-09	13.	19.2	13	59	Sd, carb
5	709-10	10.	20.4	24	49	Sd
6	710-11	16.	21.0	19	52	Sd
7	711-12	29.	21.1	27	48	Sd
8	712-13	0.5	11.0	3	78	Sd, shly *
9	713-14	1.2	17.6	2	75	Sd, shly *
10	714-15	2.0	17.6	20	58	Sd
11	715-16	8.2	20.1	24	52	Sd
12	716-17	5.1	19.4	21	59	Sd
13	717-18	5.6	19.2	15	56	Sd
14	718-19	18.	21.1	21	42	Sd
15	719-20	7.4	20.4	20	50	Sd, limy
16	720-21	14.	21.7	14	52	Sd
	721-26.5					Shale
	731					Bottom core

*Exclude from average



SUMMARY

SEC.	FORMATION	Depth, Feet FROM	Depth, Feet TO	FEET OF SAND	AVG. PERM.	AVG. POR.	AVG. OIL SAT.	AVG. WATER SAT.	Flood Pot Residual Saturation OIL	Flood Pot Residual Saturation WATER
	BARTLESVILLE									
1	Oil Sd	705	721	14	12	19.9	19	52	19	74