

GODSEY-EARLOUGHER

DIVISION OF

WILLIAMS BROTHERS ENGINEERING COMPANY

CORE AND WATER ANALYSIS LABORATORIES

85-162

COMPANY Kewanee Oil Company WELL N.W. Elgin Unit No. 1-3
 LOCATION 677' FNL, 815' FEL, NE Sec 5-35S-10E FORMATION Wayside
 FIELD _____ DRLG. FLUID Water Base Mud TYPE CORE 2-7/8" Rotary
 COUNTY Chautanqua STATE Kansas ELEV. _____ DATE 6-19-77
 REMARKS Cored 1542 - 1566 Ft Recovered 24 Ft

RESULTS OF CORE ANALYSES

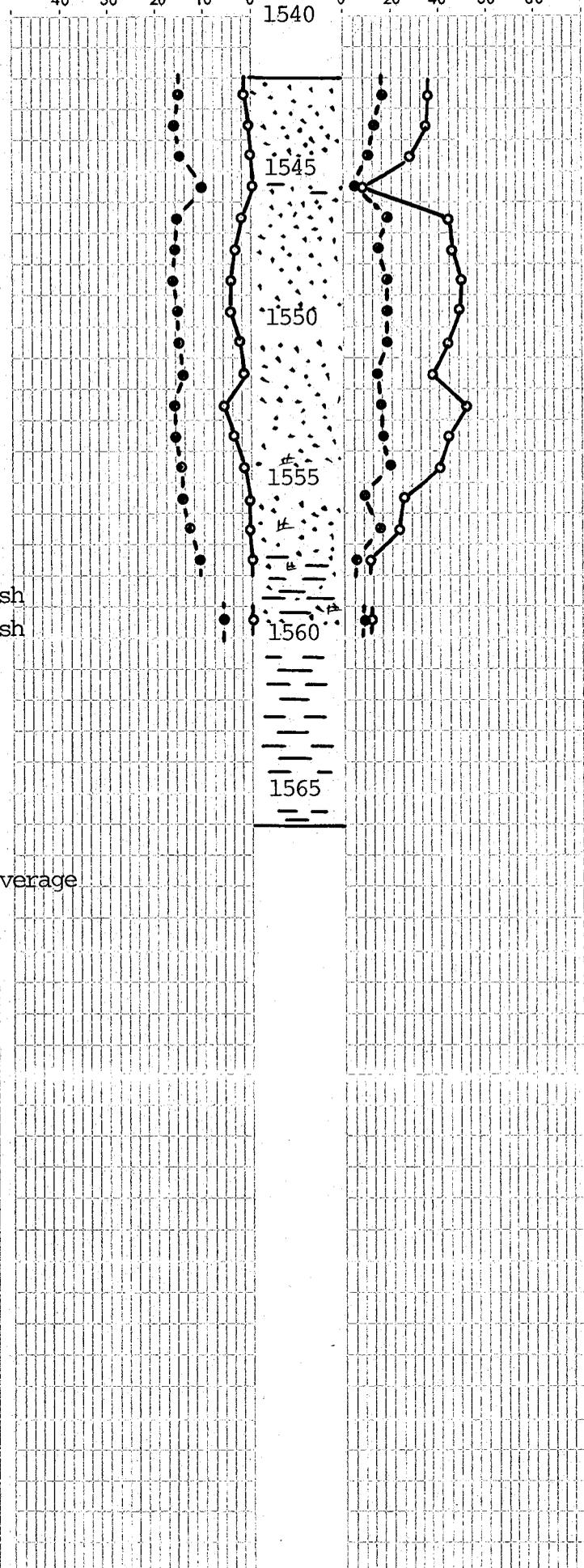
PERMEABILITY 0-0
MILLIDARCYs
125 100 75 50 25 0

WATER SATURATION 0-0
PERCENT PORE SPACE
80 60 40 20 0

POROSITY ●-----●
PERCENT
40 30 20 10 0

OIL SATURATION ●-----●
PERCENT PORE SPACE
0 20 40 60 80

SPLE. NO.	DEPTH FEET	PERM. MD.	POROSITY %	CORE SATURATION % PORE SPACE		REMARKS
				OIL	WATER	
1	1542-43	3.8	15.3	16	65	Sand BO
2	1543-44	2.0	16.4	13	66	Sand BO
3	1544-45	1.2	14.8	10	73	Sand BO
4	1545-46	0	10.4	4	96	*Shly sand BO
5	1546-47	4.9	15.5	18	57	Sand BO
6	1547-48	8.3	16.1	14	55	Sand BO
7	1548-49	12.	16.7	18	51	Sand BO
8	1549-50	12.	15.6	18	52	Sand BO
9	1550-51	7.2	15.3	18	57	Sand BO
10	1551-52	3.4	14.7	14	62	Sand BO
11	1552-53	15.	16.7	15	49	Sand BO
12	1553-54	9.5	16.4	16	57	Sand BO
13	1554-55	3.0	14.7	19	60	Sand, limy BO
14	1555-56	1.3	14.7	8	75	Sand BO
15	1556-57	1.5	12.8	15	78	Limy sd BO
16	1557-58	0.3	11.0	5	90	*Shly sd, limy
-	1558-59	-	-	-	-	0.2' sd & sdy sh
17	1559-60	0.1	6.3	8	92	*Limy sd & sdy sh
-	1560-66	-	-	-	-	Shale



*Exclude from average

SUMMARY

SEC.	FORMATION	Depth, Feet		FEET OF SAND	AVG. PERM.	AVG. POR.	AVG. OIL SAT.	AVG. WATER SAT.	Flood Pot Residual Saturation	
		FROM	TO						OIL	WATER
1	WAYSIDE Oil	1542.	1557.	14.	6.1	15.4	15.	61.	14.	86.