

OIL CONTENT,
BBLs./A. FT.

WATER SAT.,
PERCENT

OIL SAT.,
PERCENT

800

600

400

200

90

20

70

40

50

60

30

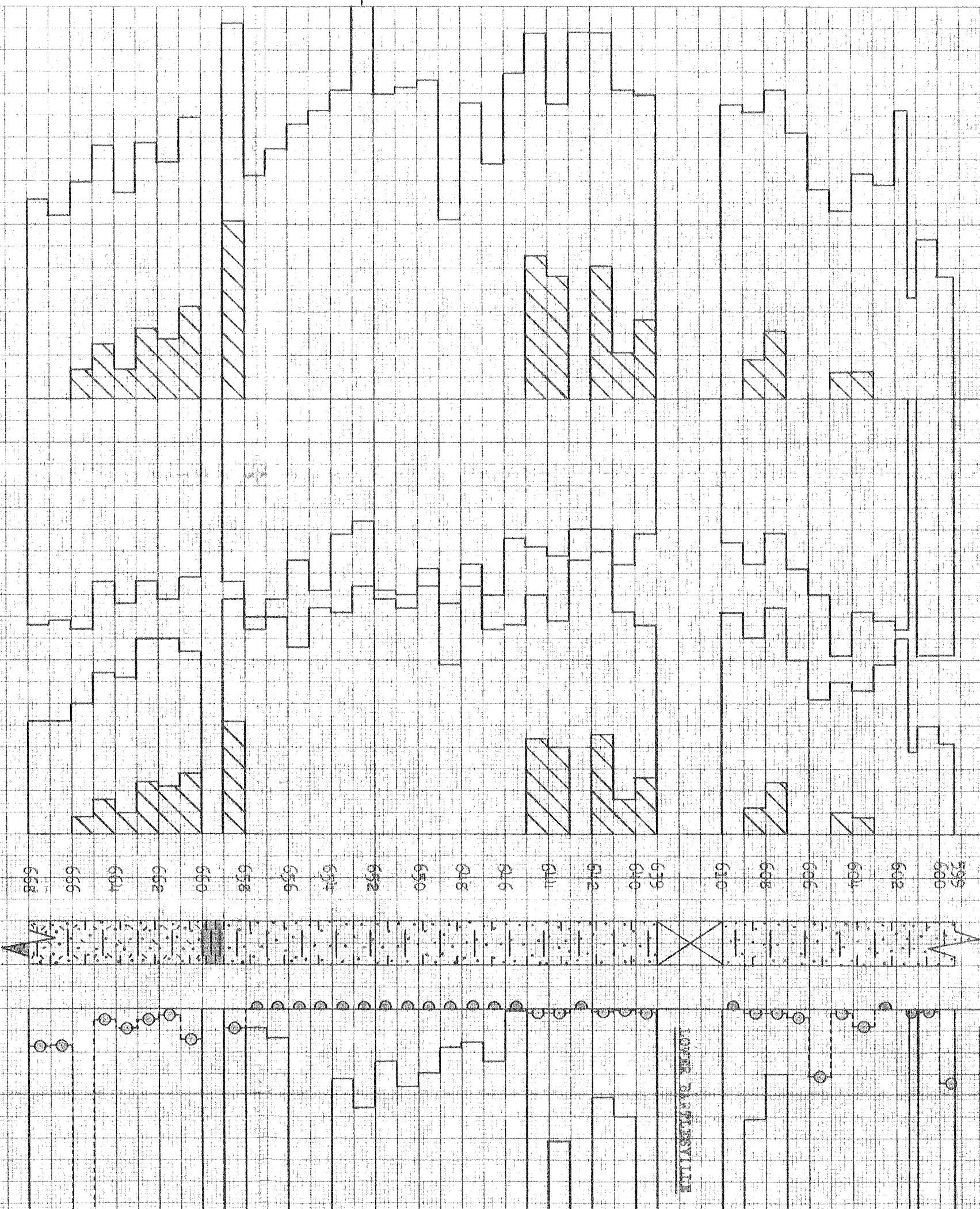
80

10

8

UPPER BARTLESVILLE

LOWER BARTLESVILLE



FLUID POT RECOVERY
BRILL

SANDY SANDSTONE
CARBONACEOUS SHA

WALTER D WELL

JOHN MCGOWAN LEASE

WAGONER COUNTY, KANS.

UPPER BARTLESVILLE 509.3 - 610.0 10.7 18.1 36.0 46.2 518

LOWER BARTLESVILLE 639.0 - 645.0 6.0 18.0 55.2 33.2 768

645.0 - 658.0 13.0 16.8 50.3 40.4 656

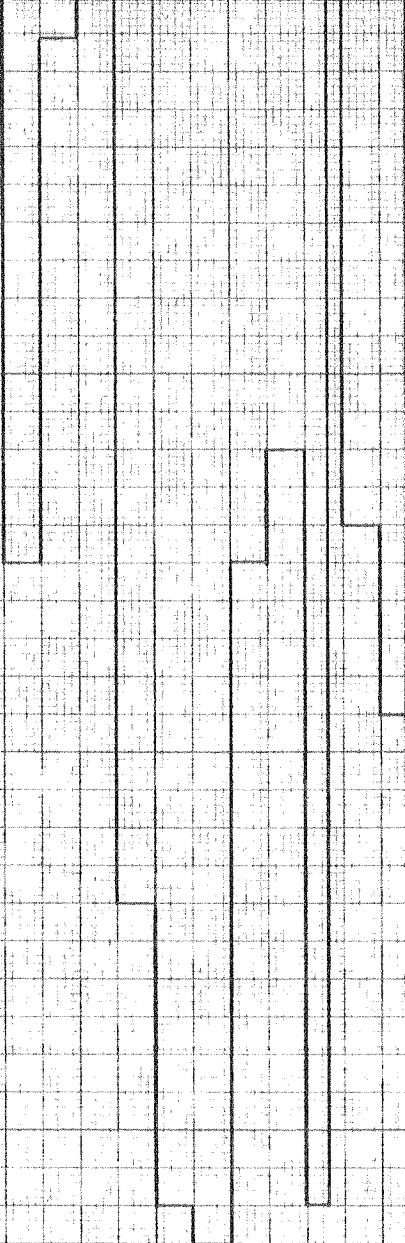
658.0 - 666.0 9.0 19.5 46.2 46.2 565

666.0 - 674.0 28.0 17.9 47.4 40.8 651

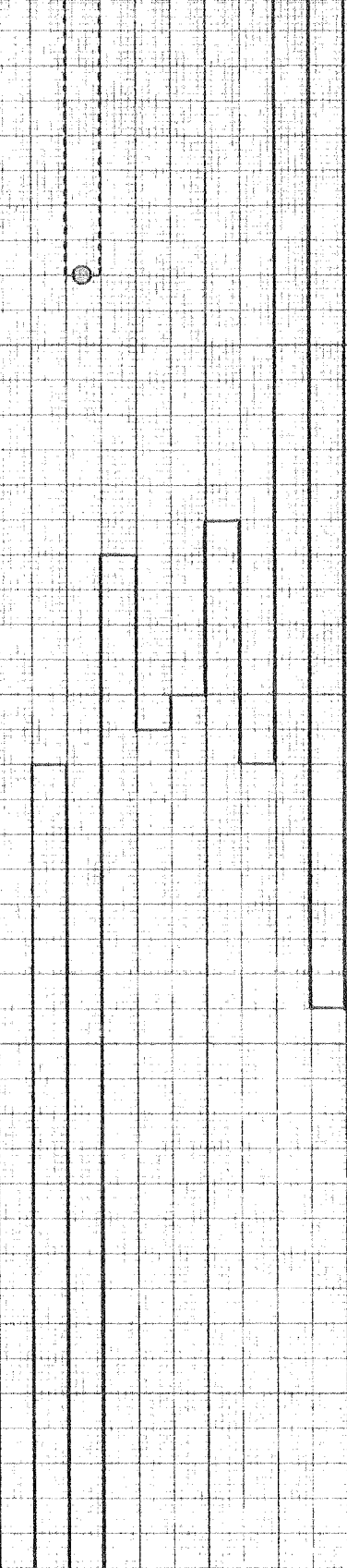
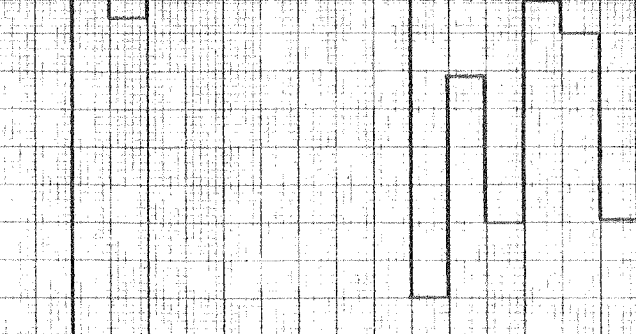
--- EFFECTIVE PERMEABILITY, IN MILLIDARCS,  ---
--- AIR PERMEABILITY, IN MILLIDARCS ---

8 12 16 20 24 28 32 36 40 44 48 52

PERMEABILITY



PERMEABILITY



→ 25

LY SANDSTONE

 SHALE

BONAVIOUS SHALE SANDSTONE

 IMPERMEABLE TO WATER

WELLS, JR

WELL NO. CE-1

COUNTY, KANSAS

DEPTH ON	AVG. OIL CONTENT BBLS./A. FT.	TOTAL OIL CONTENT BBLS./ACRE	AVG. AIR PERMEABILITY, MILLIDARCS	CALCULATED OIL RECOVERY, BBLS./ACRE
518		5,545	20.9	1,476 (Primary & Secondary)
768		4,607	7.9	
656		8,535	3.9	
565		5,081	34.1	
651		18,223	14.4	1,910

OLYMPIC RESEARCH LABORATORIES
CHATTERTON, KANSAS
SEPTEMBER, 1963