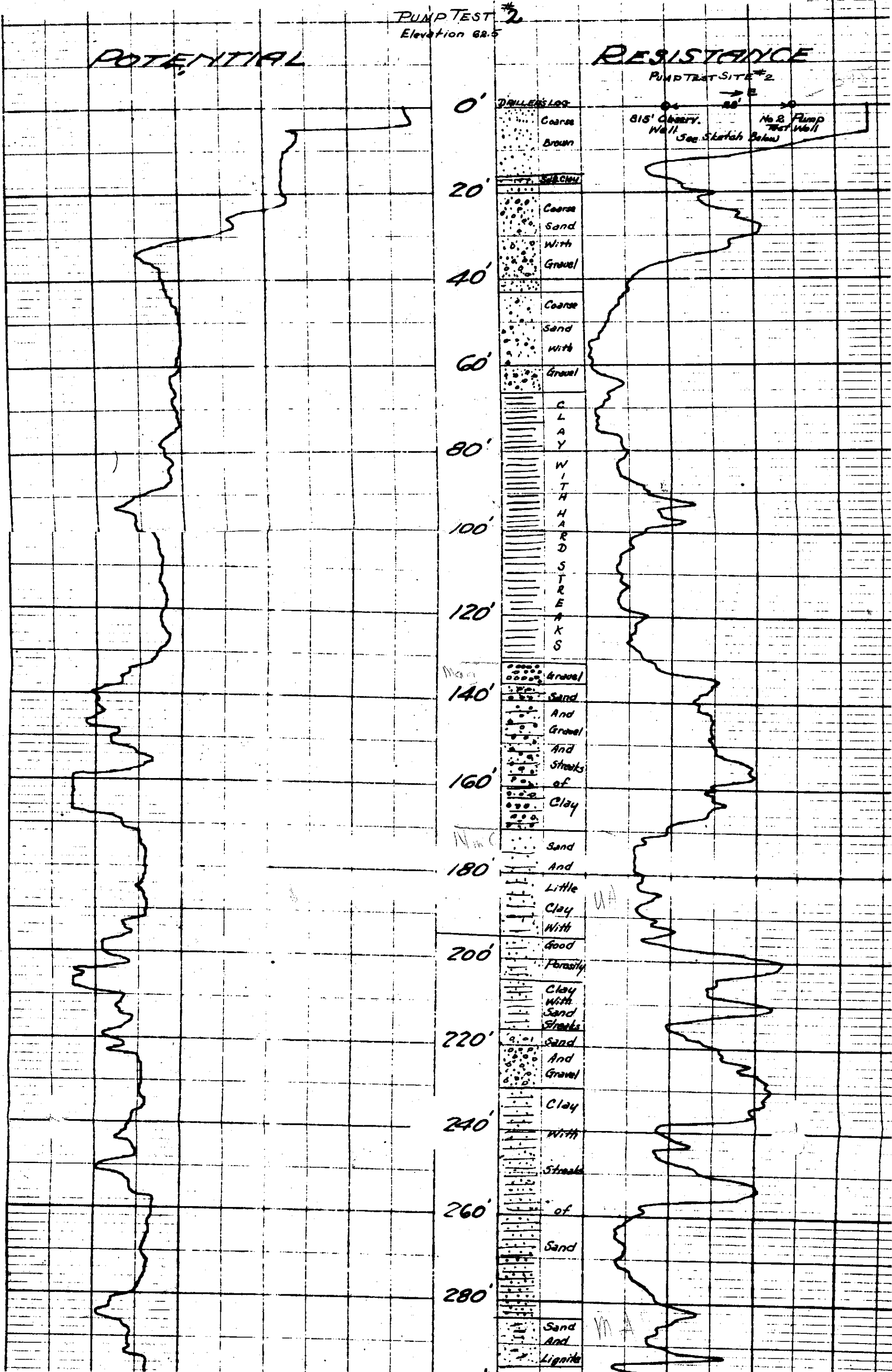
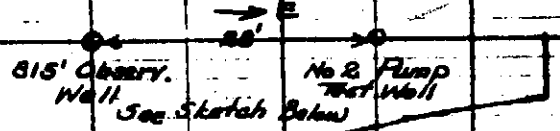


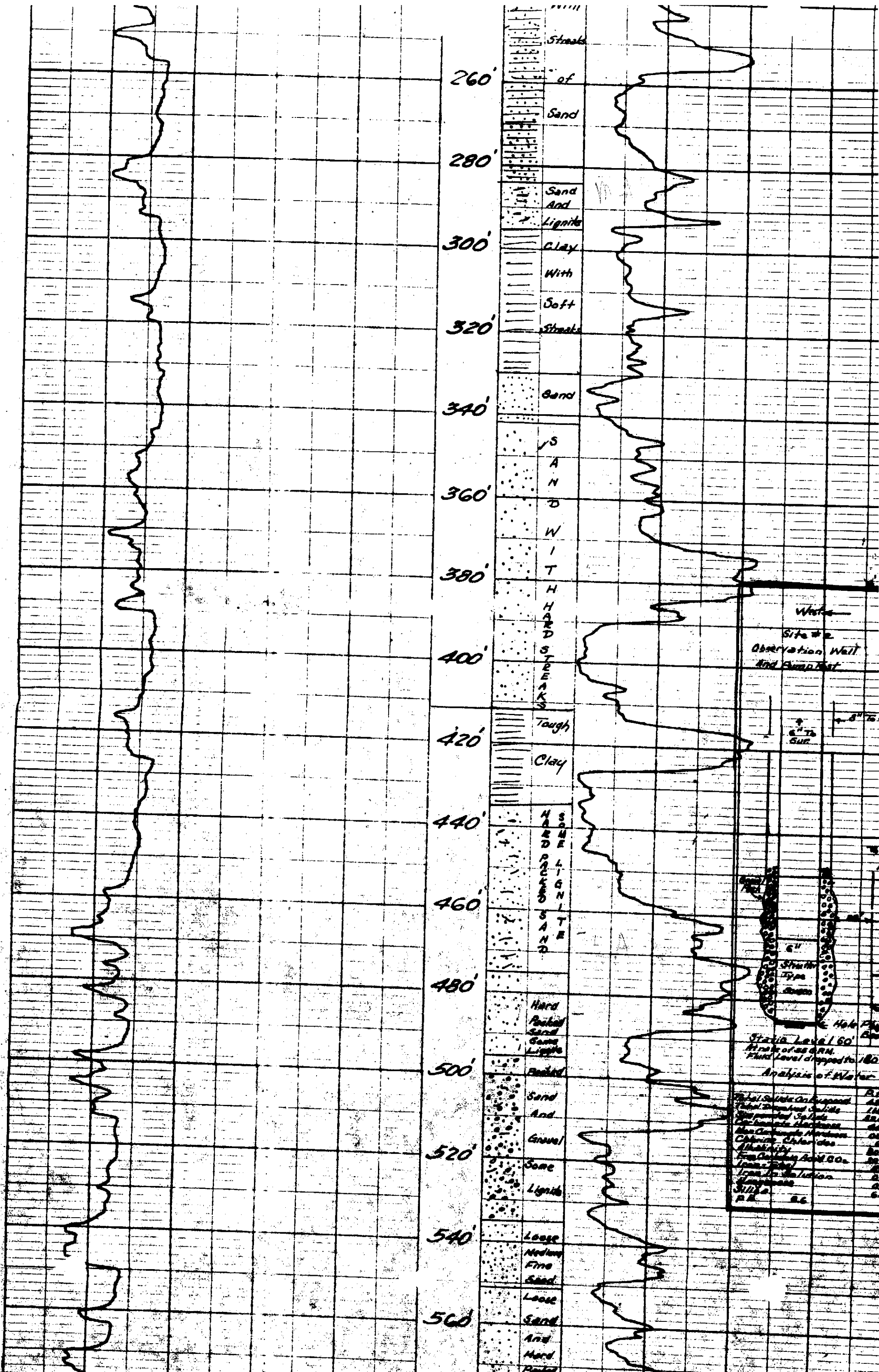
PUMP TEST #2
Elevation 82.5

POTENTIAL

RESISTANCE

PUMP TEST SITE #2





260'
280'
300'
320'
340'
360'
380'
400'
420'
440'
460'
480'
500'
520'
540'
560'

Streaks
of
Sand
Sand
And
Lignite
Clay
With
Soft
Streaks
Sand
S
A
N
D
W
I
T
H
H
A
R
D
S
T
R
E
A
K
S
Tough
Clay
H
A
R
D
P
A
C
K
E
D
S
A
N
D
Hard
Pack
Sand
Some
Lignite
Pack
Sand
And
Gravel
Some
Lignite
Loose
Medium
Fine
Sand
Loose
Sand
And
Hard
Pack

Water
Site # 2
Observation Well
And Pump Test

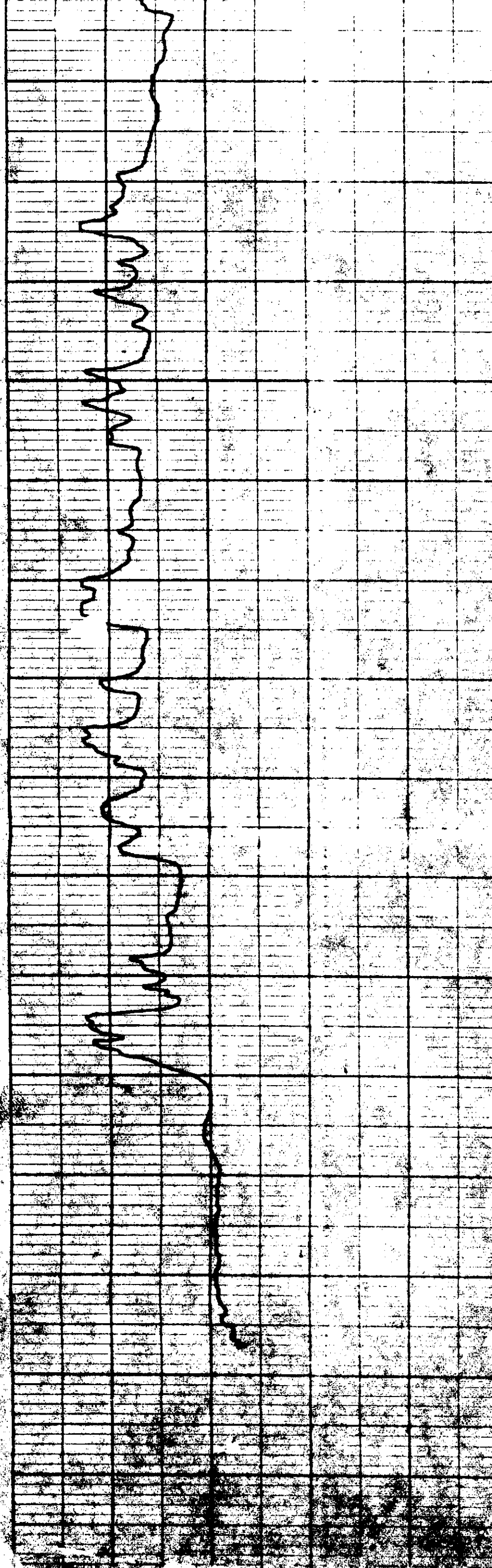
6" to
Sur.



Static Level 160'
Flow of 55 GPM
Pump Level dropped to 180'

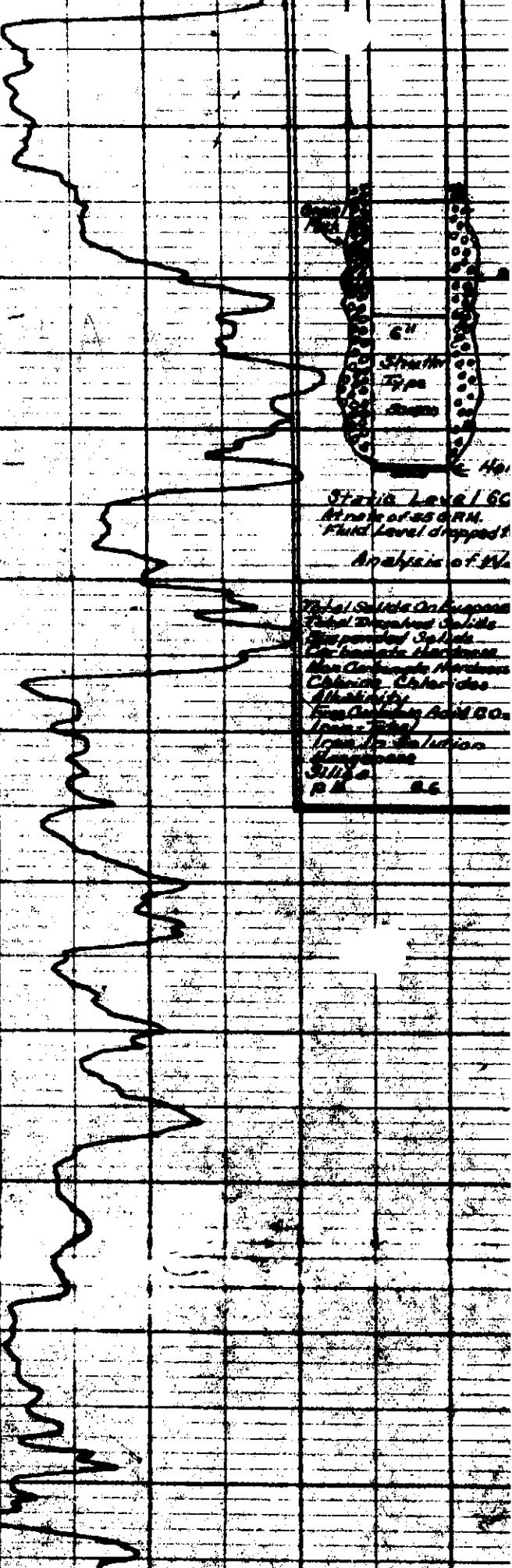
Analysis of Water

Total Solids (Oxidized)	2.1
Total Dissolved Solids	1.4
Suspended Solids	0.7
Total Hardness	0.1
Non-Calcium Hardness	0.1
Calcium Chlorides	0.1
Alkalinity	0.1
Total Acidity	0.1
Total Iron	0.1
Total Lead	0.1
Total Copper	0.1
Total Zinc	0.1
Total Manganese	0.1
Total Nitrate	0.1
Total Nitrite	0.1
Total Ammonia	0.1
Total Phosphate	0.1
Total Silica	0.1
pH	6.6



440'
460'
480'
500'
520'
540'
560'
580'
600'
620'
640'
660'
680'
695'

Clay
HARD PACKED SAND
HARD PACKED SAND
Hard Packed Sand Some Lignite
Packed Sand And Gravel
Some Lignite
Loose Medium Fine Sand
Loose Sand And Hard Packed Sand
Good Sand with Clay
Clay
Shale



6" Shell Type Sand
Static Level 66
At rate of 25 GPM
Fluid Level dropped
Analysis of No.
Total Solids On Sieve
Total Dissolved Solids
Total Suspended Solids
Oil Insoluble Residue
Non-Aqueous Residue
Chlorides
Alkalinity
Free Chlorine Acid BO
Iron In Solution
Sulfate
pH 8.6

PUMP TEST WELL
FOR
TIDEWATER ASSOCIATED
OIL CO.
DELAWARE CITY, L
LESTER FARM
6-9-55
LOGGED - RESISTANCE
0 TO 695' POTENTIAL
WENTWORTH NEW YORK CO.

Elevation 625