

FILE FOLDER

DESCRIPTION ON TAB:

Rifle Range Wells

- Outside/inside of actual folder did not contain hand written information**
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*Scanned as next image

April 15. 1963

Well 45 R.R. LINE PRESSURE 49 lb.

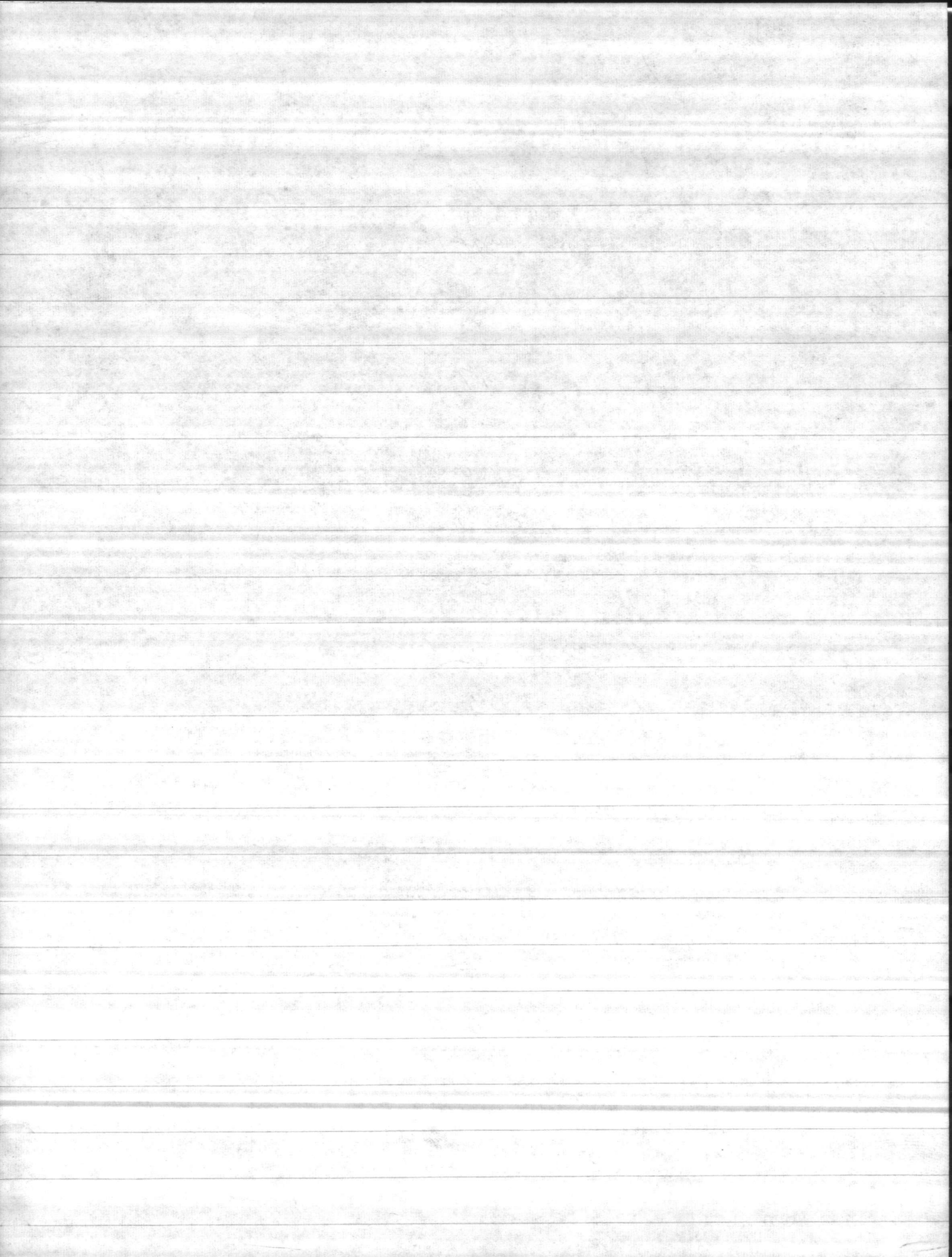
D D	S	S.P.M.	Gauge PRE.	in.
29 ft		130	53 lb.	9 $\frac{1}{2}$
25 ft		159	45	14 $\frac{1}{2}$
26 ft		149	49	12 $\frac{1}{2}$
22 ft		172	40	17
24 ft		197	30	22

WELL 227 R.R. LINE PRESSURE 57 lb.

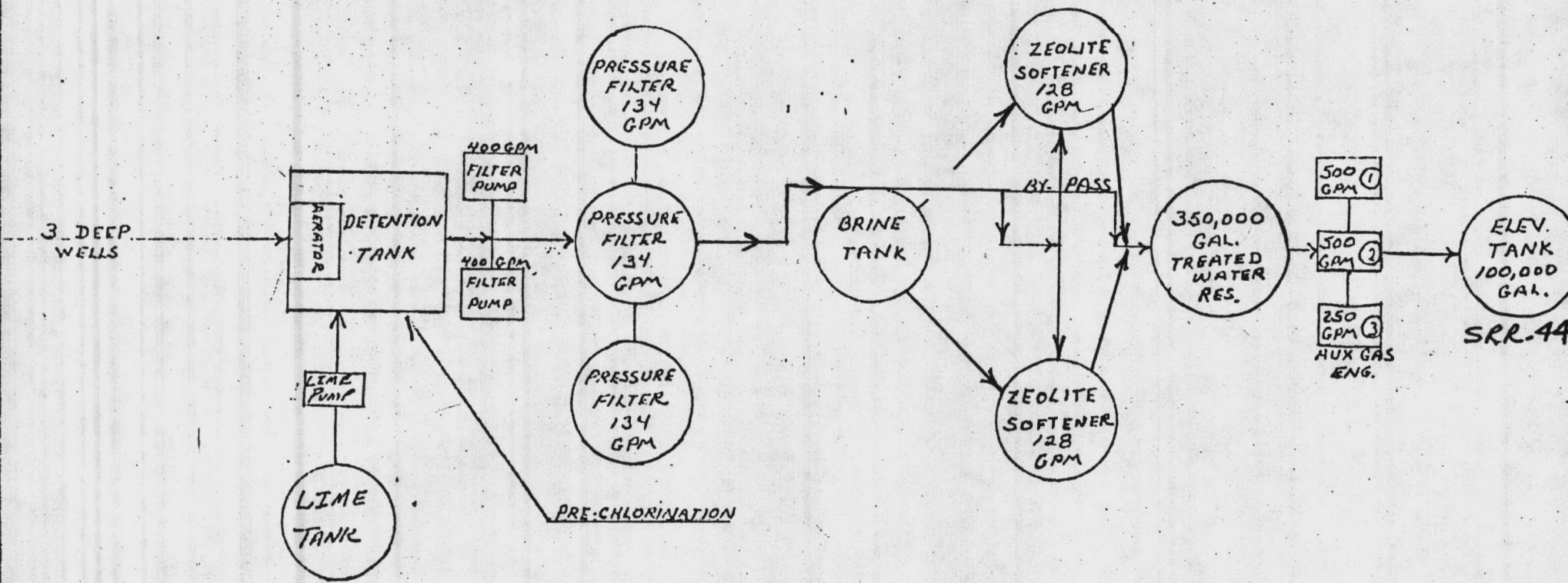
D D	S	S.P.M.	Gauge PRE.	in.
16 ft	22 ft	154	60 lb.	13 $\frac{1}{2}$
15 ft	—	162	57 lb.	15
12 ft		172	53	17
11 ft		178	50	18
10 ft		192	45	21

WELL 47 R.R. LINE PRESSURE 52 lb.

D D	S	S.P.M.	Gauge PRE	in.
13	18	203	60 lb.	23 $\frac{1}{2}$
12		230	55 lb.	30
11		246	52 lb.	34
10 $\frac{1}{2}$		256	50 lb.	36 $\frac{1}{2}$
10		276	45 lb.	42



RIFLE RANGE BLDG. RR-89
CAPACITY 600,000 GPD
WITH 3 DEEP WELLS
ZEOLITE SOFTENING PLANT



SRR-44

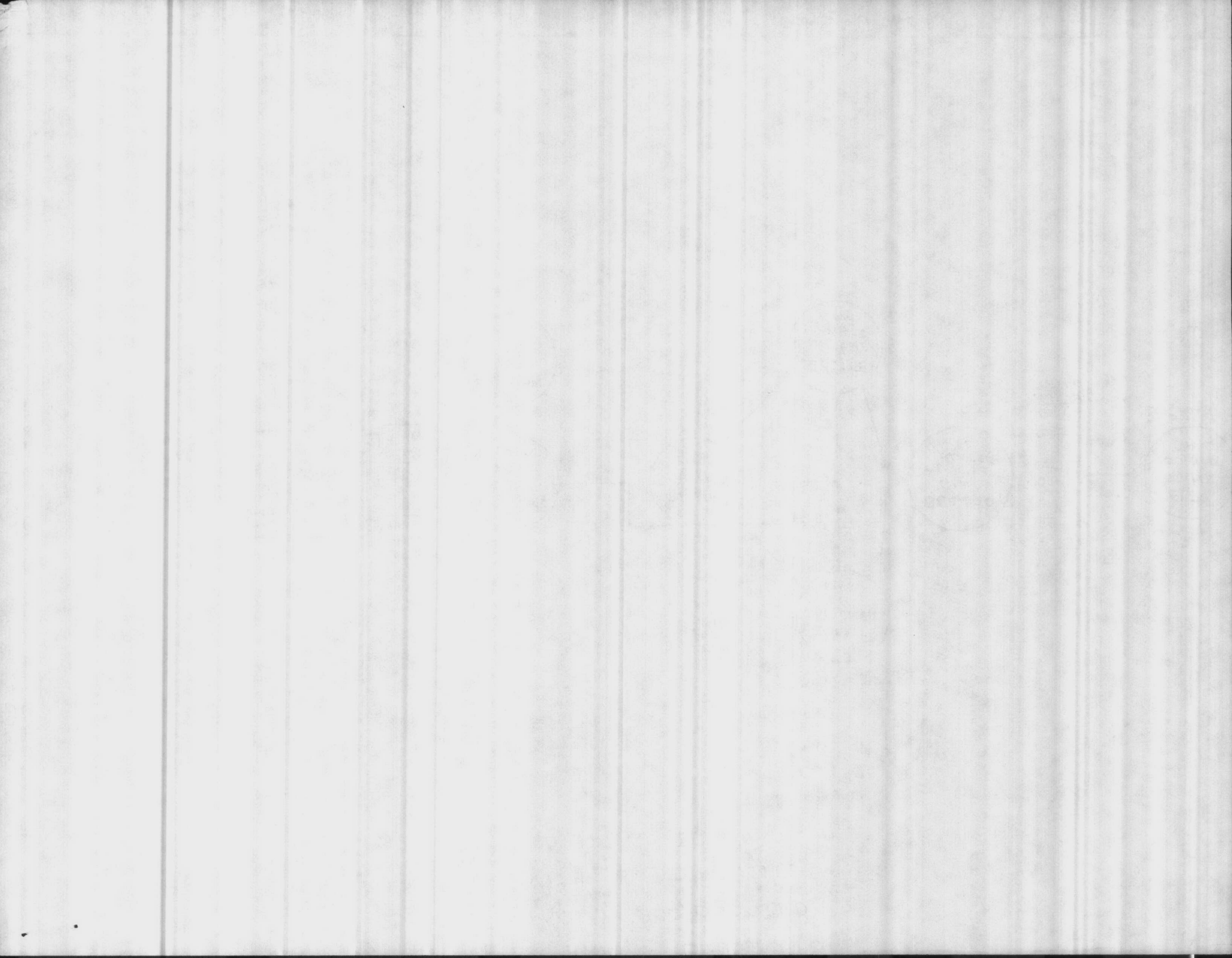


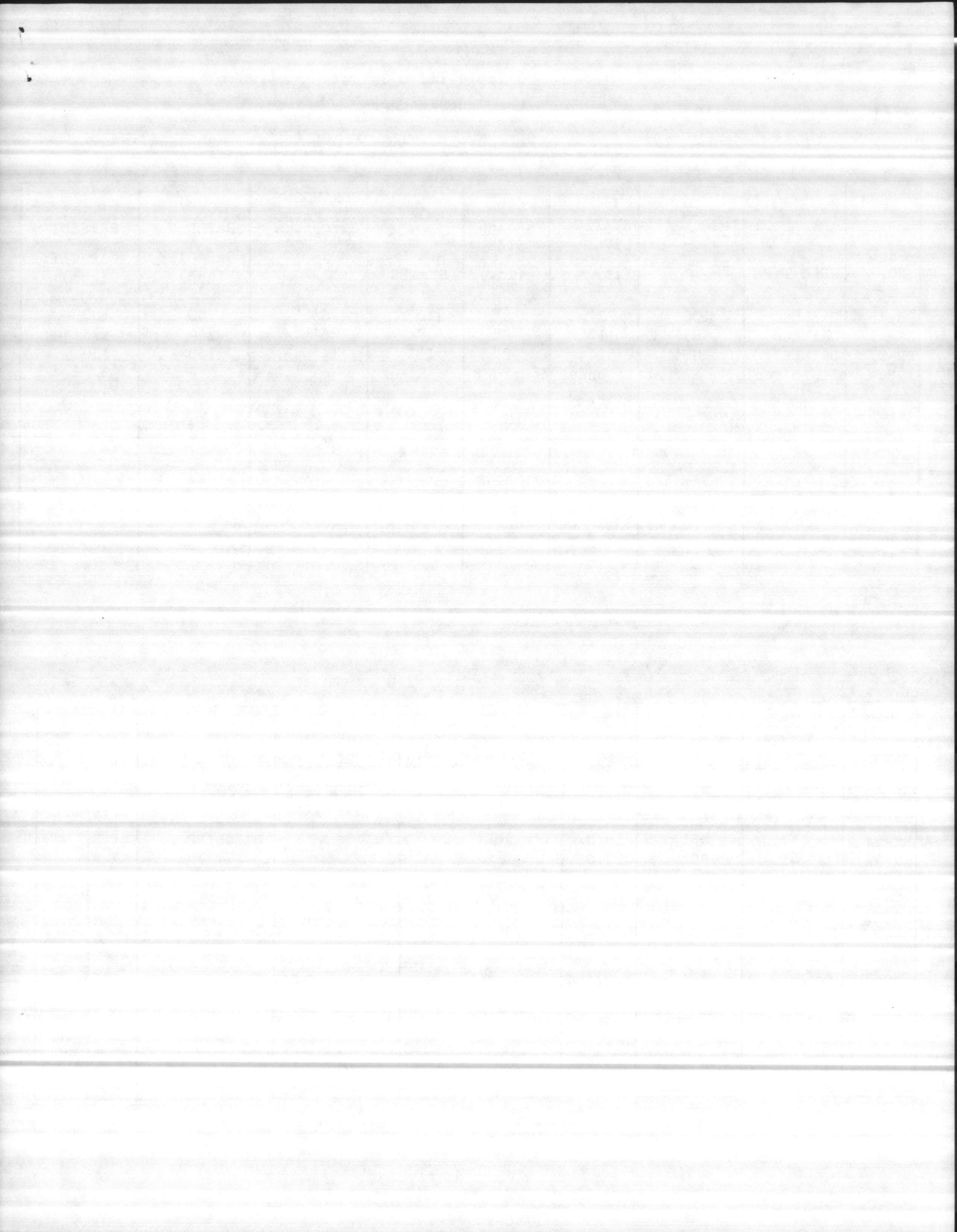
Table III C 3
WELL SURVEY SHEET

Sheet No. 9

DATE: 20 June 1984

WELL NO.	WELL TYPE	DRILLED DEPTH ft.	STATIC LEVEL (ft)	CASING SIZE (in.)	STAGES	DRAWDOWN AT RATED CAPACITY (feet)	RATED CAPACITY (gpm)	PRESENT CAPACITY (gpm)
RR-45	DRILLED	130'	27'	8"	10	8'	140	100
RR-47	DRILLED	85'	11'	8"	7	6'	250	175
RR-97	DRILLED	200'	52'	8"	13	14'	150	150
New well to replace 227 still under contract								

WELL NO.	SPECIFIC CAPACITY (gpm/ft of drawdown)	PUMP HEAD (ft)	MOTOR H. P.	CHLORINATION (AMOUNT)	RESIDUAL CHLORINE (TYPE)	AUXILIARY POWER (TYPE)	DD FORM	
							710	636
RR-45	17.5	205'	15.0			GASOLINE		
RR-47	41.7	109'	20.0					
RR-97	10.7	180	10.0					



Well S.I. Rifle Range

Loy Formation

0 to 50	Sand + clay mixture	+49.8 to -0.20
50 to 55	Shell gravel + fossils	-0.20 to -5.2
55 to 67	soft sand rock + clay	-5.2 to -17.20
67 to 69	Extremely Hard shell rock	-17.2 to -19.2
69 to 80	Shell rock	-19.2 to -30.2
80 to 86	blue clay + sand	-30.2 to 35.2

Ground Elev. +49.8

Air line 68.8' from surface

Static Elev. +5.3

Elev. Bottom -19.0

top of Foundation +37.0

14' 11" Casing

70' 8" Screen

70' - 8" Pipe

Well finished at 80'

10.0
49.8
20.2

Pumping	250 gpm	D.D.	-7.04
	300 "	D.D.	-7.96
	375 "	D.D.	-17.8

35" ²⁵⁰	62 lbs	D.D.	2.5 lbs
40" ²⁶⁵	56 lbs	D.D.	1.5 lbs
45" ²⁸⁰	50 lbs	D.D.	.75
29" ²²⁵	67 lbs	D.D.	2.0

RECOVER 5 MI 8"

2.3
5
 71.5

Well S-1 Rifle Range

Gro Elev. 49.8
Elev Pump Base 52.0
Static Elev. +5.3

225 GPM	67 # pressure	D.D. 17.4'	to Elev - 12.1
250 GPM	62 # " "	D.D. 18.5'	to Elev - 13.5
265 GPM	56 # " "	D.D. 20.6'	to Elev - 15.6
280 GPM	50 # " "	D.D. 22.6'	to " - 17.3

Recovery to Elev. -0.6 in 15 mi.

All drawdowns figured from static Elev. +5.3

Pumping test by N.H. Kellam



Well T-1 Rifle Range

Formation

- 0-8 soft Hmvst. sand
- 8-40 sand + clay
- 40-43 sand + rock
- 43-60 sand clay + gravel
- 60-63 Hard shell rock
- 63-68 Porous shell rock
- 68-77 salt + pepper sand

air line 629" feet to surface
elev. bottom - 21

Ground Elev. 21.90

Static Elev. + 8.75

Recovery after 10 mi. + 8.56

61' - 18" Caseing

63' - 8" Pipe

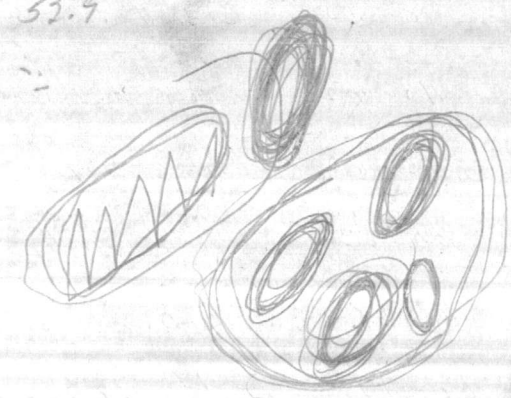
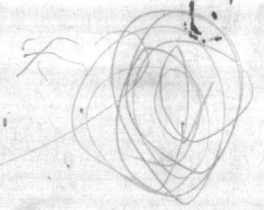
10' 8" ARMCO IRON SCREEN

Pumping 115 gpm. DD. - 3.4
140 " " - 4.1
165 " " - 11.0
250 " " - 19.0

$$\begin{array}{r}
 71.3 \\
 11.5 \\
 \hline
 59.8 \\
 52.3 \\
 \hline
 7.3
 \end{array}$$

$$\begin{array}{r}
 23.8 \\
 71.3 \\
 18.4 \\
 \hline
 52.9
 \end{array}$$

$$\begin{array}{r}
 71.3 \\
 18.4 \\
 \hline
 52.9
 \end{array}$$



$$\begin{array}{r}
 45 \\
 210 \\
 \hline
 21
 \end{array}$$

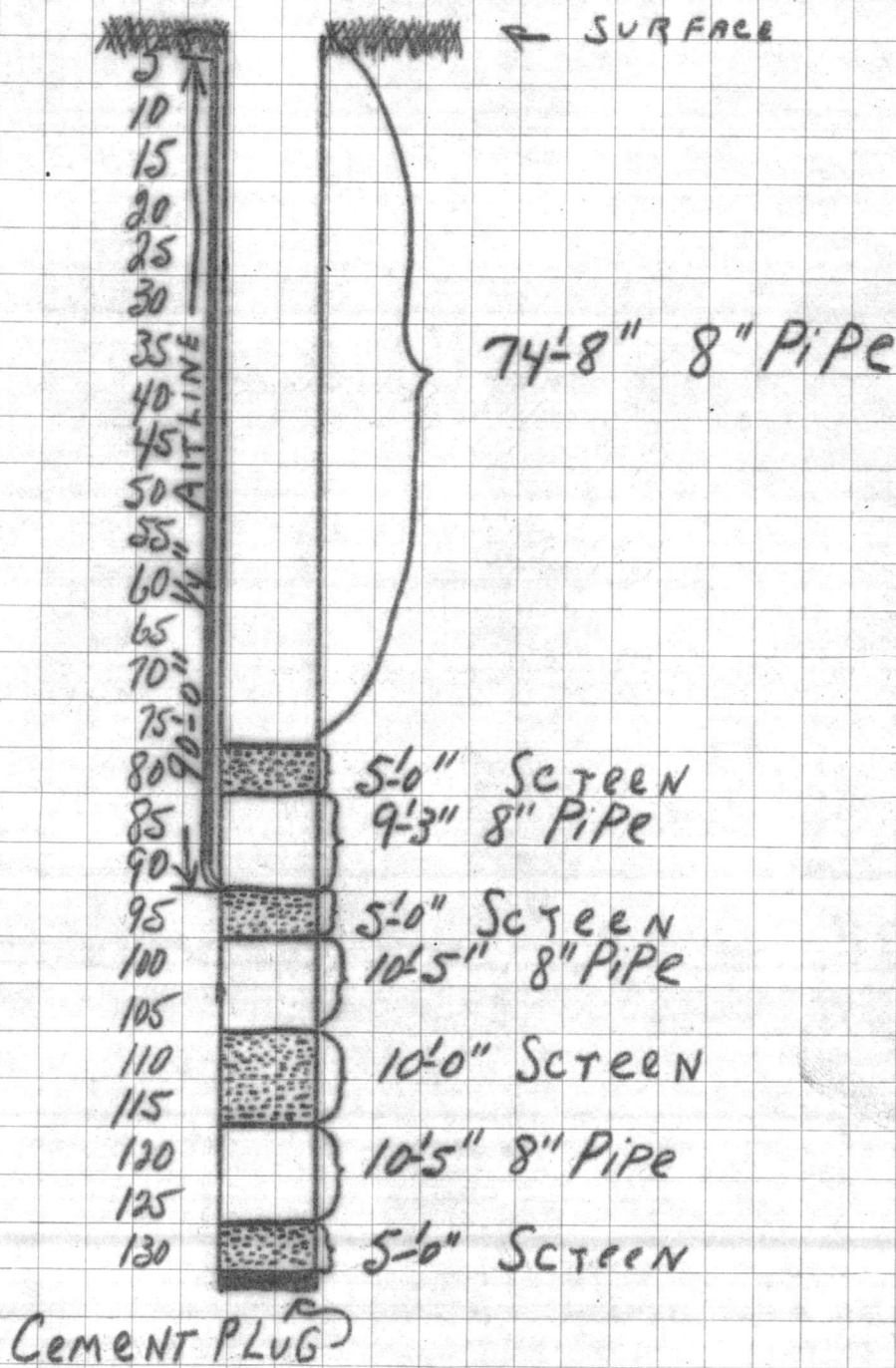
$$\begin{array}{r}
 58.8 \\
 2.5 \\
 \hline
 71.3 \\
 11.5 \\
 \hline
 59.8
 \end{array}$$

$$\begin{array}{r}
 49.8 \\
 3.2 \\
 \hline
 44.5 \\
 2.0 \\
 \hline
 47.0
 \end{array}$$

$$\begin{array}{r}
 55.8 \\
 49.8 \\
 \hline
 70.0
 \end{array}$$

SCREEN SETTING Well #2 R¹/₂ RANGE FINISHED AT TOTAL DEPTH OF 130'-0"

Well Pumps 130 GPM. With 63'-0" Drawdown
below Surface. Static Recovers To 54'-0" below Surface
IN 5 MINUTES AFTER SHUTTING PUMP OFF
1 IN 5'-0" 18" CASEING SET AND CEMENTED



C. C. MR. MONROE
MR. KELLAM

Log of formation # 2 well
at Rifle Range

0-13' Sandy Topsoil
13'-46' Blue Muck and fine Blue sand.
46'-65' Blue clay.
65'-82' Blue clay and shell
82'-84' Rock and shell hard drilling
84'-96' Rock shells and fine sand
96'-133' hard Packed sand with shells
133'-139' Blue clay.

Well finished at 130'-0" deep

C.C. To Mr. M...
Mr. Kellum.

Kellam

