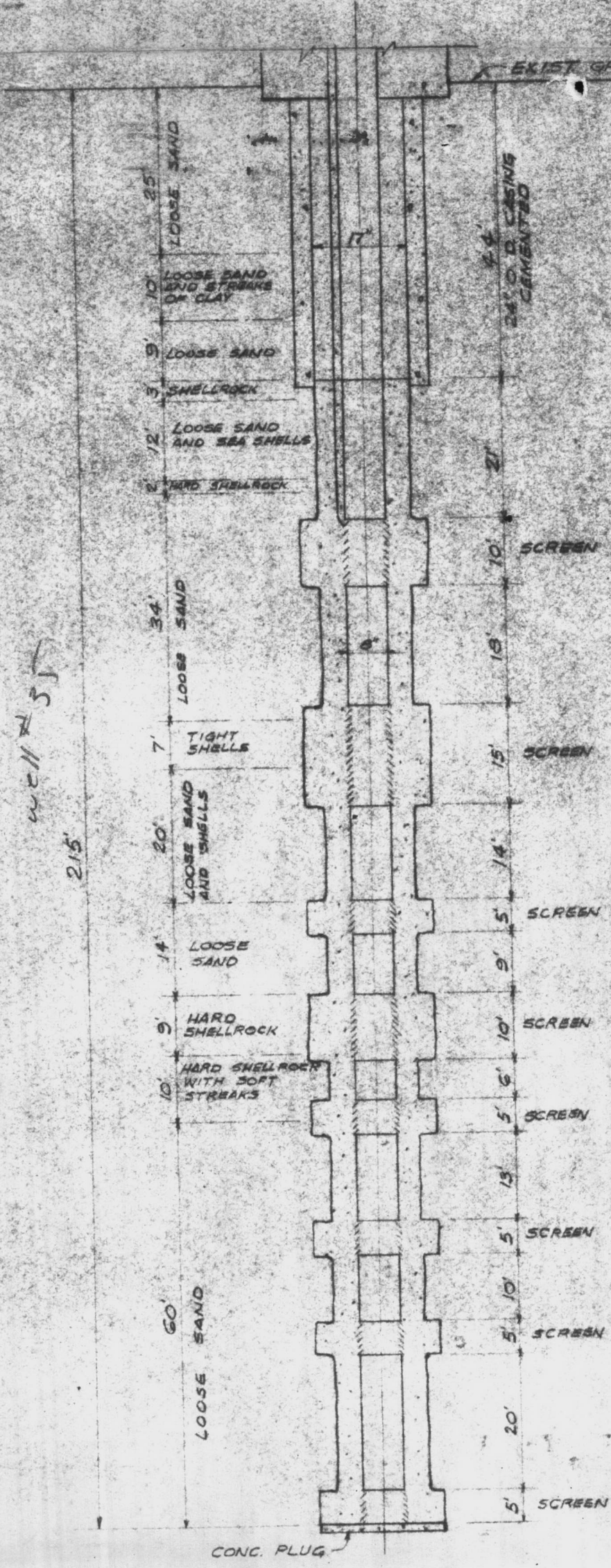


EXIST GRADE EL. 19.19



well # 35

215'

5  
No 842856

HP 635

LL No. 35

SCALE





# SOURCE INFORMATION GROUND WATER

Date Form Completed

M M D D Y Y  
0 1 2 5 9 5

PWSID  
0467041

Owner Assigned Source Code

Well Name (If purchase, name of system)

235 HADNOT POINT 635

Code

G

G=Ground  
W=Purchase/G  
Y=G w/direct influence  
Z=W w/direct influence

If Purchase, seller ID#

Source Begin Date

Source exempt— SWTR?  Y  N

Direct Influence Date

Availability

P=Permanent  
E=Emergency  
S=Seasonal  
I=Interim  
O=Other

P

Location of well within the system (If purchase, location of master meter)

OLD PINEY GREEN ROAD

Latitude (N)

Longitude (W)

How Determined

GPS Data

No. of Sats. Locked on

3 4 4 0 5 5

0 7 7 1 9 3 3

0

G=GPS  
M=Map  
S=Surveyed

Q# or DOP #

(If purchase, use seller's primary source lat/long)

Vulnerable (VOCs)  Y  N

Assessment Date

## ENTRY POINT INFORMATION

Use Code

C=Ground/Permanent  
D=Ground/non-permanent

Availability

P=Year-round  
E=Emergency  
S=Seasonal  
I=Interim  
O=Other

Owner Assigned Entry Point Code

Entry Point Name

100

HADNOT POINT WTP

Location:

Well Site: Owned or controlled?  (Y,N) Control Area (100' radius)?  (Y,N) If no, explain: \_\_\_\_\_

Sources of pollution/distance: 50' to road

Surface water within 200'?  (Y,N) If yes, actual distance  feet If yes, bact. samples collected? \_\_\_\_\_ (Y,N)

Adequate slope?  (Y,N) Flooding? \_\_\_\_\_ (Y,N) Maintenance: \_\_\_\_\_

Well House: Free of stored materials?  (Y,N) Properly drained?  (Y,N) Locked?  (Y,N)

Condition of house: OK Type of freeze protection: None

Well: Diameter: 8" Type: GRAVEL PACK Yield (gpm): 133-200 Properly sealed? \_\_\_\_\_ (Y,N)

Properly vented?  (Y,N) Casing depth  65 ft. (If unknown, put 'UNK') Well depth: 215 Meter available?  (Y,N)

Concrete slab adequate?  (Y,N) If no, explain: \_\_\_\_\_ Size: 10x12

Size of blow-off: 4" (Y) Sample tap: Before treatment?  (Y,N) After treatment? \_\_\_\_\_ (Y,N)

Pumps: Capacity: GPM: 133 HP: 7.5 Pump intake depth: 66 Auxiliary Power?  (Y,N)

Type pump: VERTICAL TURBINE Height above floor (pump/casing): 18"

Storage at well site: Elev:  Hydro:  Ground:

If hydroautomatic, air volume control? \_\_\_\_\_ (Y,N) Safety valves? \_\_\_\_\_ (Y,N) Coded? \_\_\_\_\_ (Y,N)

High service pumps: 1. \_\_\_\_\_ gpm \_\_\_\_\_ hp 2. \_\_\_\_\_ gpm \_\_\_\_\_ hp 3. \_\_\_\_\_ gpm \_\_\_\_\_ hp Auxiliary Power? \_\_\_\_\_ (Y,N)

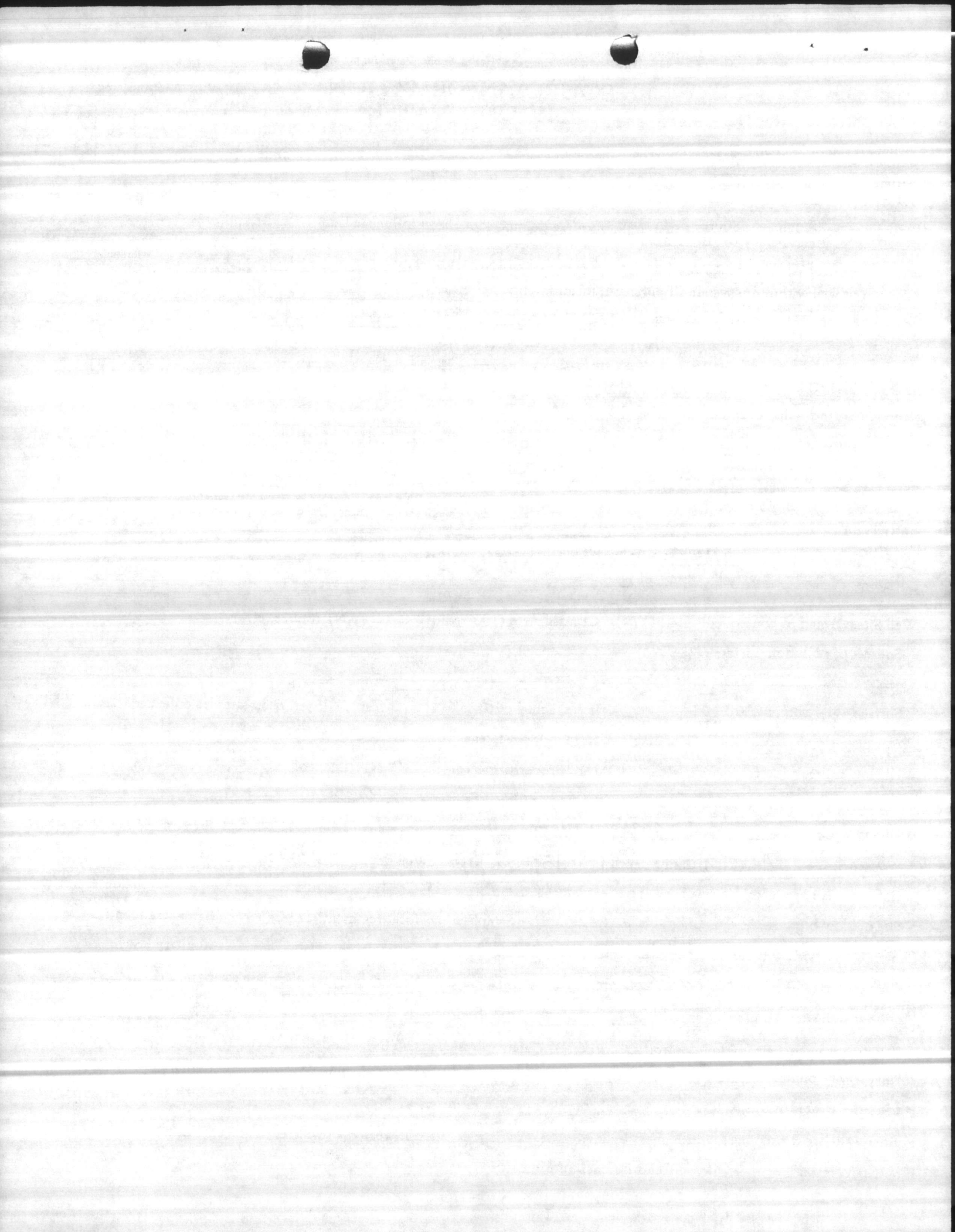
Is the water treated at this well?  (Y,N) If yes, complete back of form.

If other wells are treated here, which ones? \_\_\_\_\_ If treated elsewhere, where? HP-20 PLANT

If purchase, retreat?  (Y,N) If yes, complete back of form.

- ① No vent
- ② No meter
- ③ Road ditch needs grading

Down P-SAND-





8-2-95

well has a hole at 130'

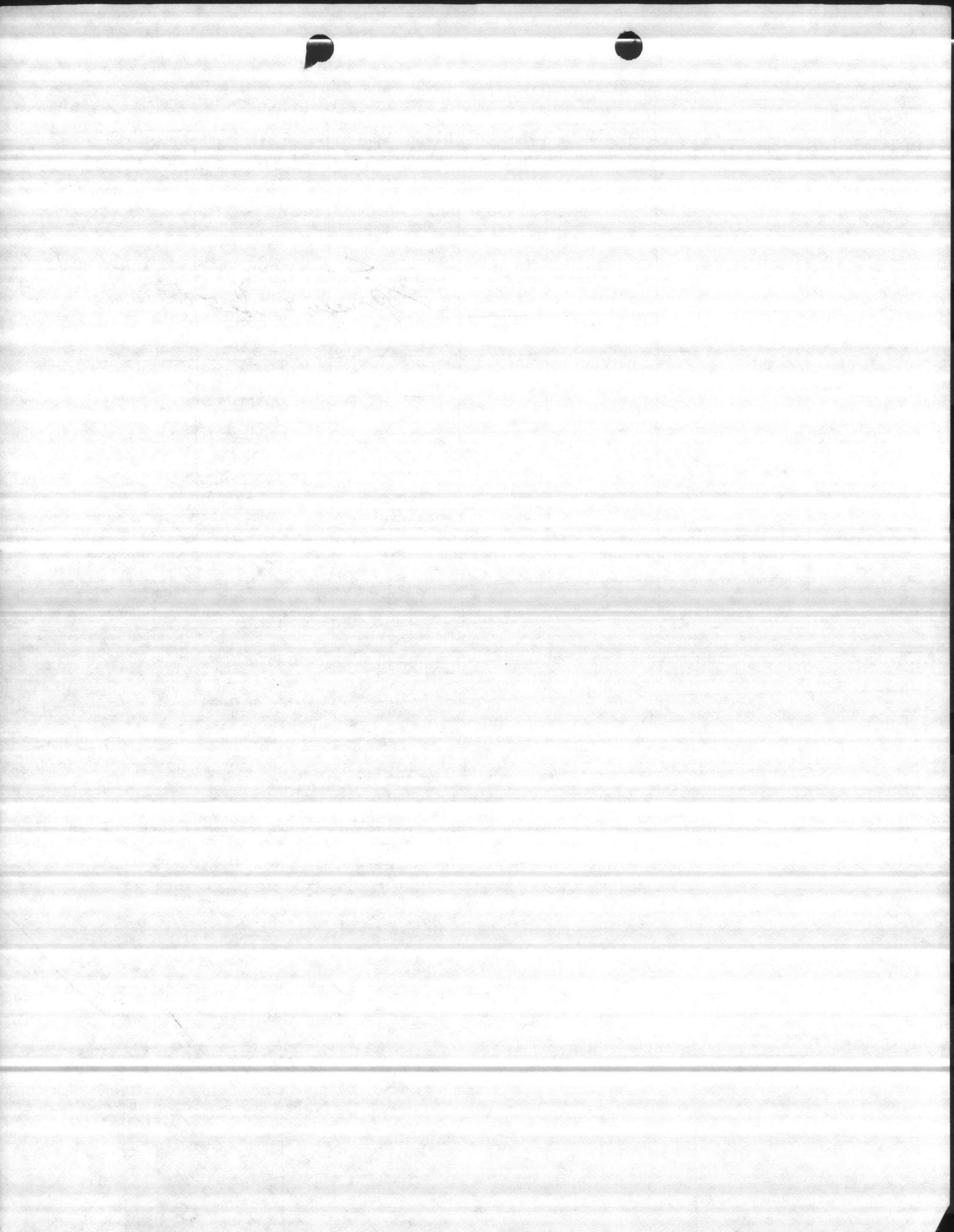
tape on file well 215' lower

well filled up to 132' of sand & rock

1951  
Tape on file with 212  
well filled up to 1951





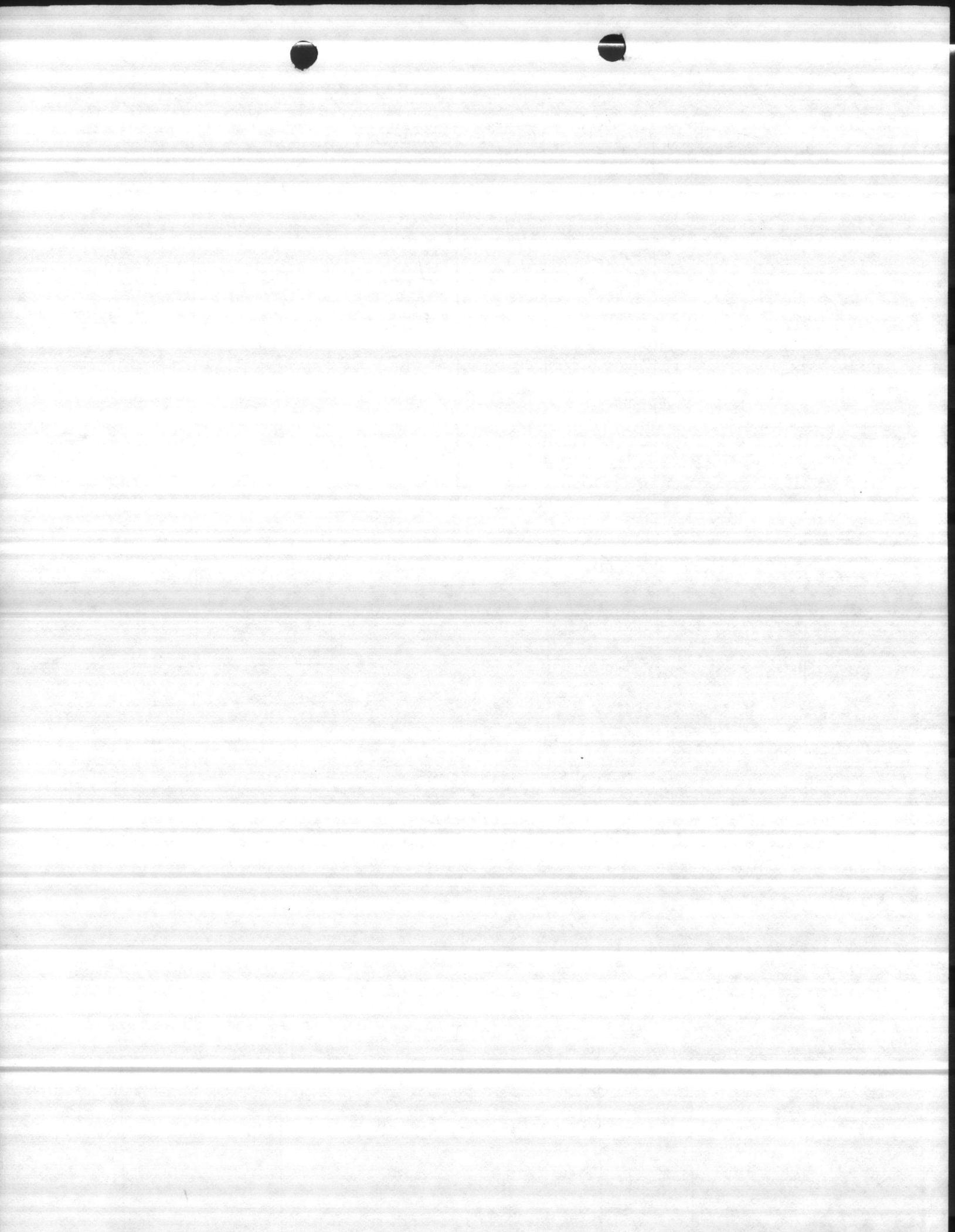




WELL NUMBER		BY			DATE	
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
63	22	31	9	20	104	14
		33	11	15	122	
		35	13	12	128	
		38	16	10	146	

REMARKS Dead head 40  
 diff ret @ 12 PSI

ANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE



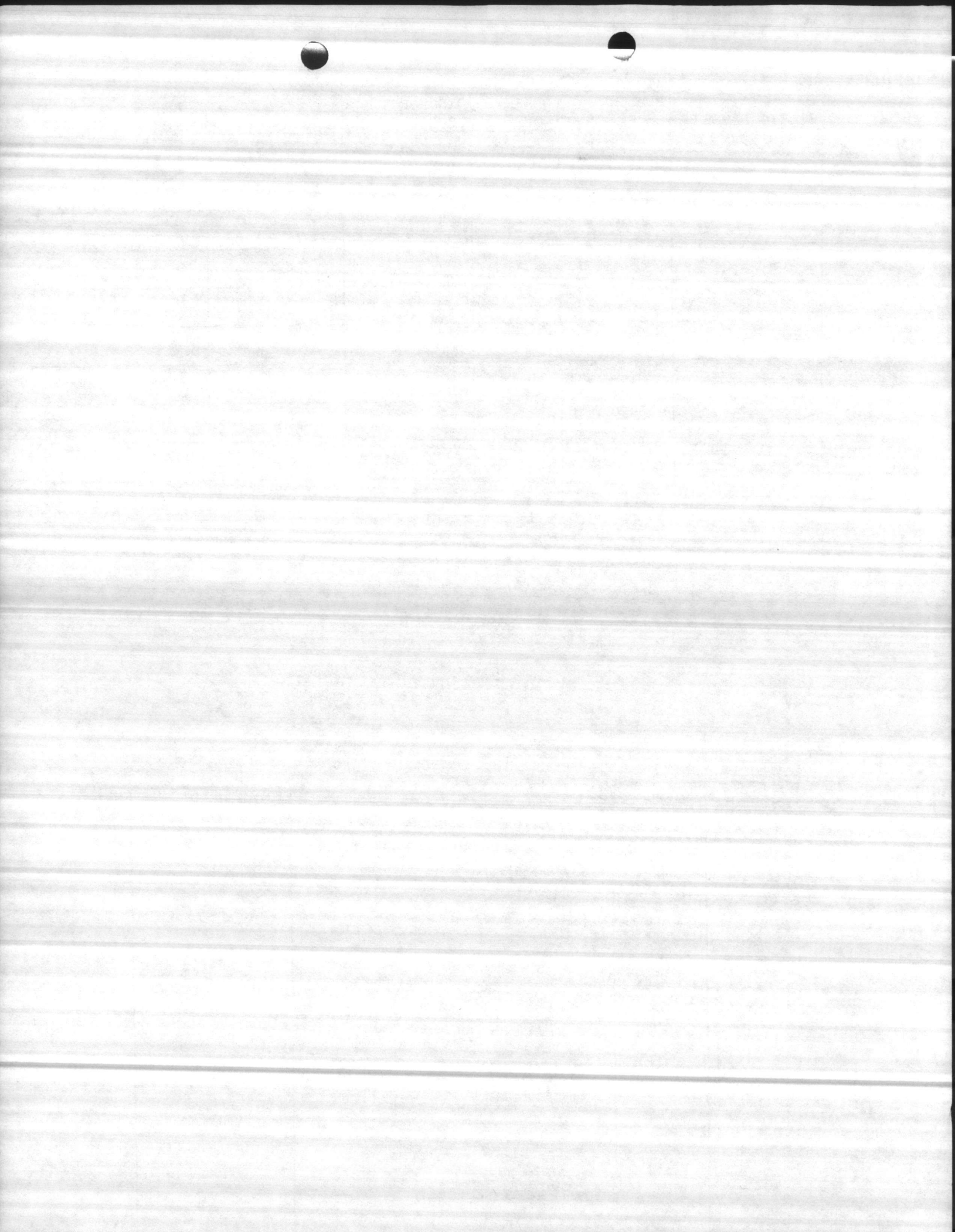










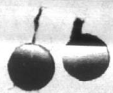




635

8-29-85

AL	SL	PL	DD	PST	CPM	TIME
63	33	46	13	<del>28</del>	104	1145
		51	18	24	128	1200
		55	22	18	146	1245





WELL NUMBER 635		BY THOMAS / BROWN			DATE 10-29-84	
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
63'	28	41	13	30	104	1300
		45	17	26	115	1310
		49	21	22	130	1320
		51	22	18	151	1330

REMARKS left set at 18 psi s/L 28 p/l 51 D/O 22 gpm 151

Type imp serial no. Date  
 8AC - 6 - J03888 - 10,16,59

*[Handwritten signature]*

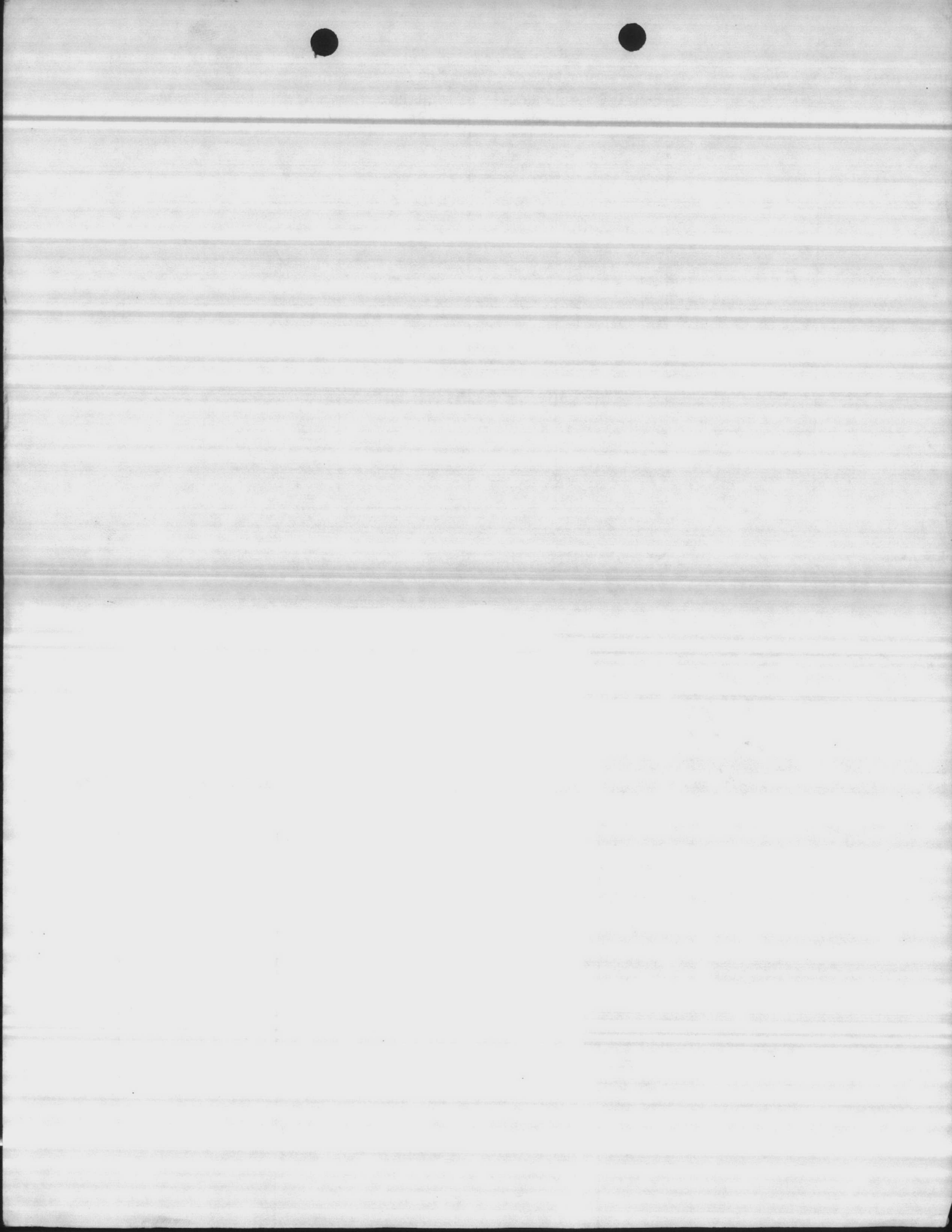
MANUFACTURER	STAGE
W LEVEL 8' 5"	
DEPTH 208'	
4 STAGE PUMP	



1575 | EAST RIVER



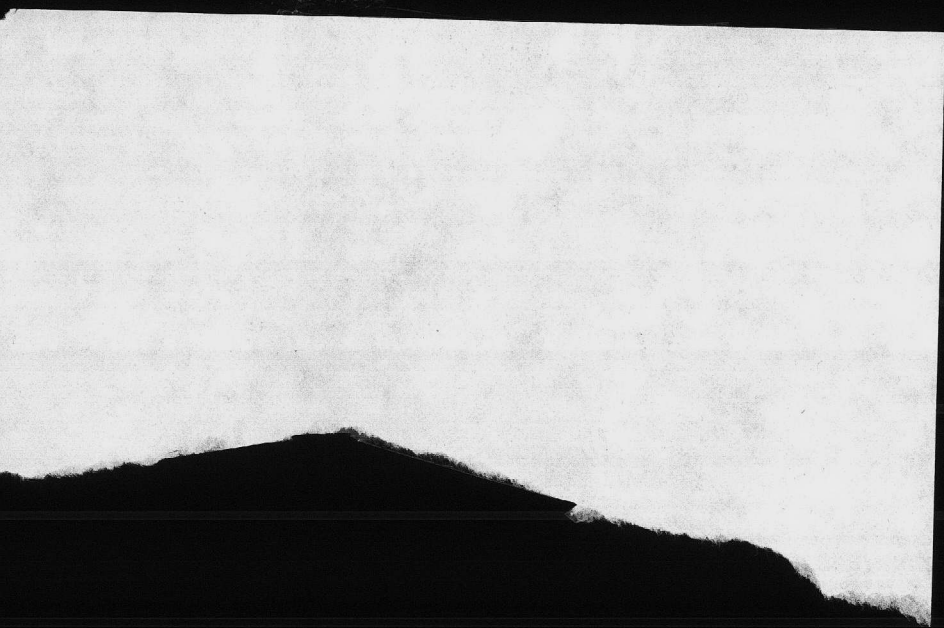




W LEVEL 8' 5"

DEPTH 208'

4 STAGE PUMP

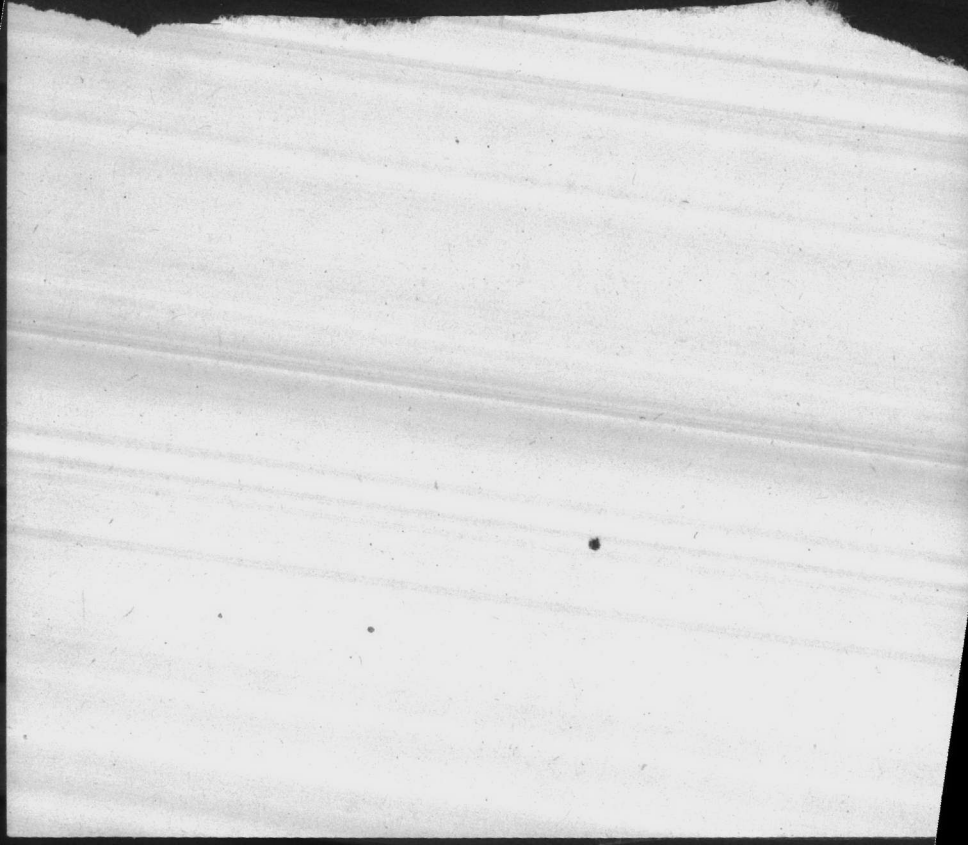




Type      imp      serial no.      Date

8AC      -      6      - J03888      - 10,16,59

*AW*

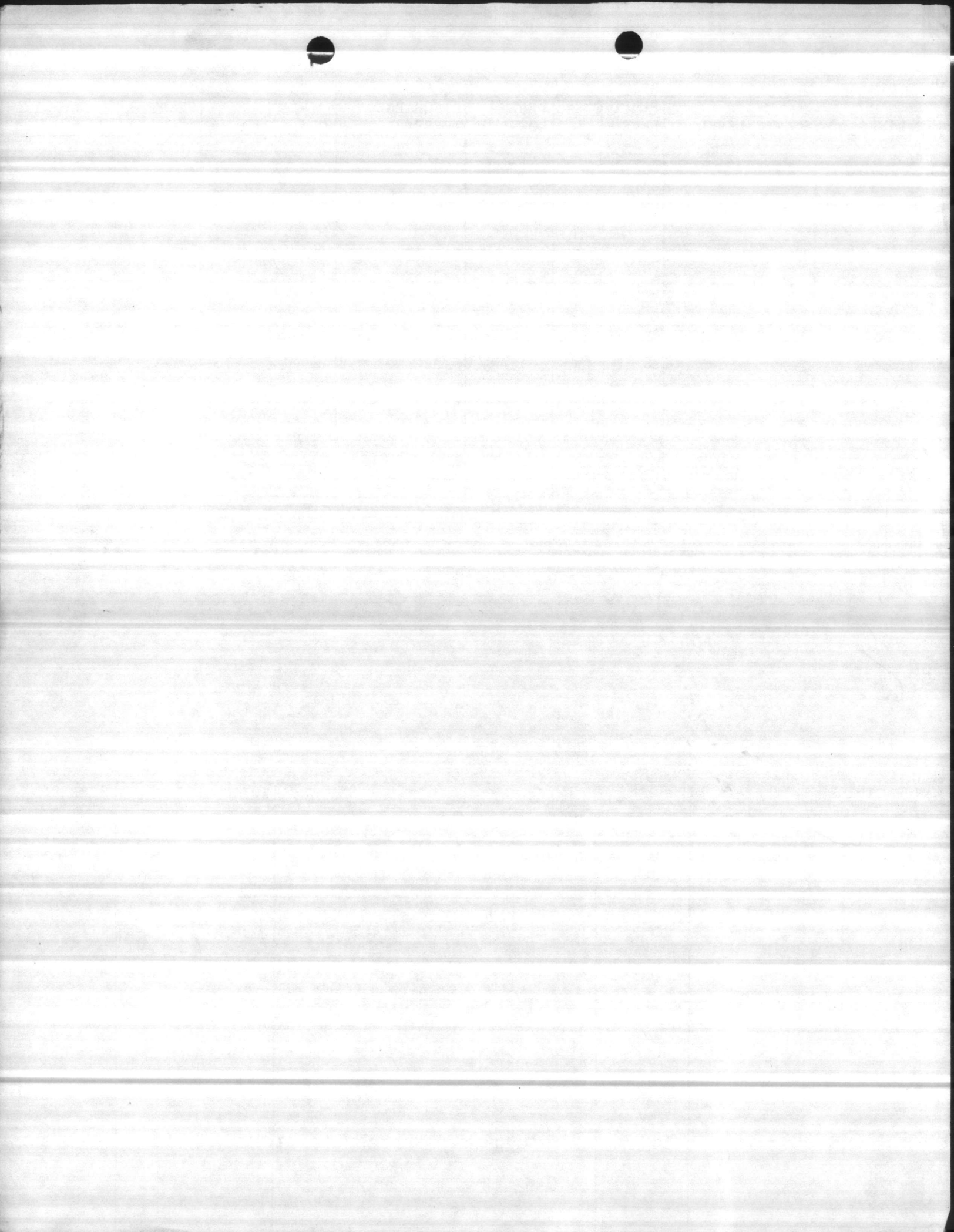


WELL NUMBER 635		BY THOMAS / BROWN			DATE 10-29-84	
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
63'	28	41	13	30	104	1300
		45	17	26	115	1310
		49	21	22	130	1320
		51	22	18	151	1330

REMARKS  
left set at 18 psi s/l 28 p/l 51 D/O 22 gpm 151

MANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE

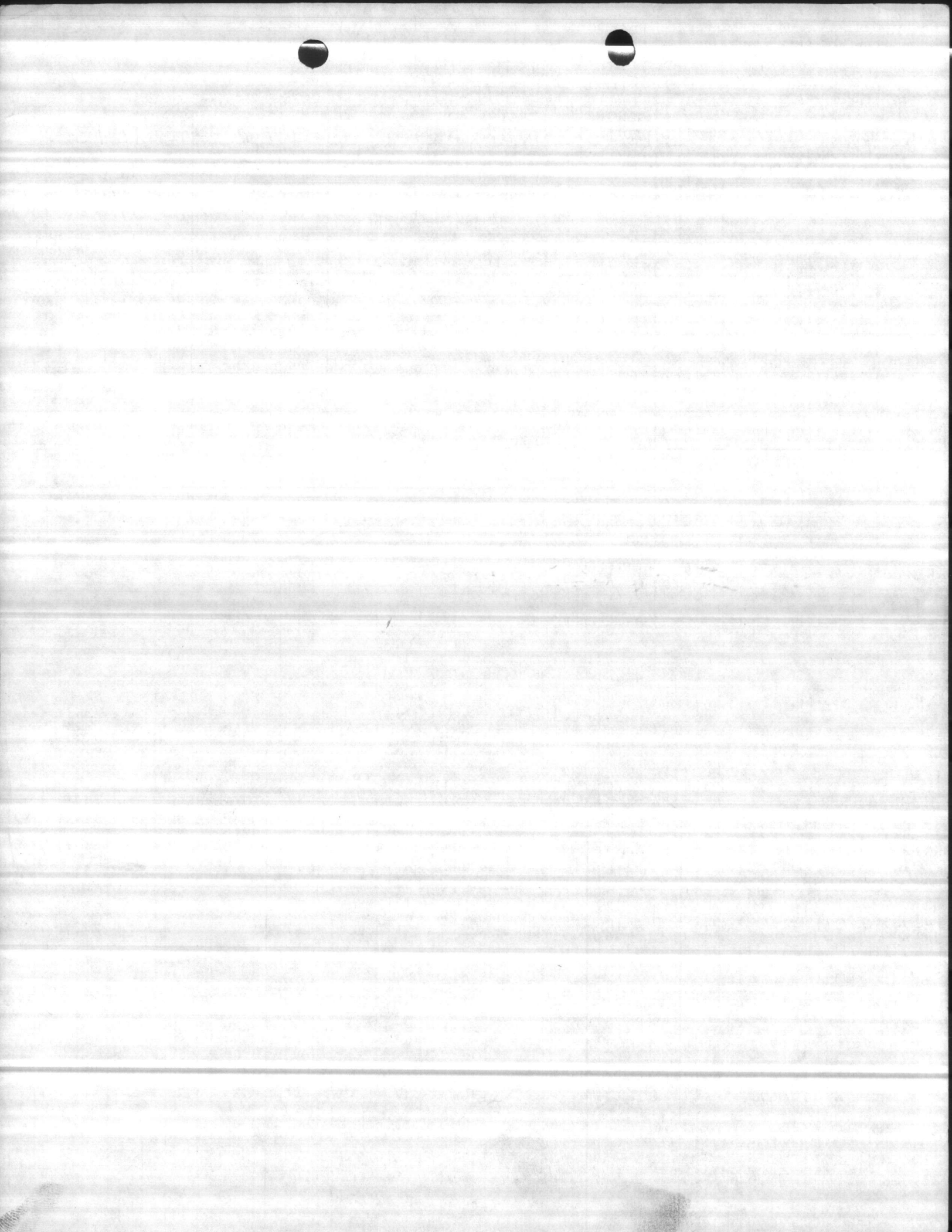




WELL NUMBER 635		BY THOMAS / RAYNO			DATE 9-12-83	
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME 1043
83	44	55	17	27	115	1102
		58	19	23	128	1120
		58	19	19	143	1136
		59	20	16	159	1146

REMARKS set at 12 PSI 159 GPM

MANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE





635

LENGTH  
OF  
AIR LINE

STATIC  
LEVEL

PUMPING  
LEVEL

DRAW  
DOWN

DISCHARGE  
PRESSURE

CAP. PER  
FOOT OF  
DRAW DOWN  
*110M*

TOTAL  
CAP.

9-30-82

83

43

59

12

30

100

1125

63

16

26

122

1140

64

19

23

133

1150

69

22

19

146

1200

71

14

16

159

1210

*Start time*

1110

REMARKS:

*last 28 at 16 PSI 159 GPM*



WELL #

635

DATE	LENGTH OF AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAW DOWN	DISCHARGE PRESSURE	CAP. PER FOOT OF DRAW DOWN	TOTAL CAP.
------	--------------------	--------------	---------------	-----------	--------------------	----------------------------	------------

3/30/77	<del>28</del>		30		16		
			29		14		
			27		(12)		
			25		10		104
			22		8		111

REMARKS:

DEPTH OF WELL:  
 AIRLINE ELEVATION:  
 DATE INSTALLED:

215'





# Dimensions Model DWT

All Dimensions are in inches.

# 2A.8

December 1, 1976



## Pump Data

Size 8JL0 - 4 STAGE  
WATER LUBRICATED  
 DWT DISCHARGE HEADS

Disch HD & Col. Size A	Motor BD	Discharge Head												Optional Sub Base			
		C	D	E	F	G	H	J	L	O	R	S	W	X	Y	Z	
4	10	9	5	10	1/2	15	14	1/2	1/2	1/2	6	5	18	16	1/2	2	
6	12 <del>10 1/2</del>	12	6	12 1/2	1/2	23 1/2	21 1/2	1/2	20	1/2	8	4 1/2	24	22	1/2	14	
8	12 16 1/2 20	13	7 1/2	14 1/2	1	23 1/2	21 1/2	1/2	20	1	10 1/2	5	24	23	1/2	16	
10	16 1/2 20	14	9 1/2	16	1 1/2	25	22 1/2	1/2	21	1	12 1/2	6	26	23	1/2	17	
12	24 1/2	16	10 1/2	20	1 1/2	32	30	1/2	28	1 1/2	14	4 1/2	34	31	1	24	

\*Hollowshaft driver, one piece headshaft, no coupling above stuff box.  
 †Round base plate.  
 ‡Unless TPL is specified, column lengths will be std. uncut 5, 10 or 20 ft sections resulting in settings equal to multiple of these lengths, plus approx. 1 ft for the adjusting nipple (ie 26 ft, 51 ft, 151 ft etc.).

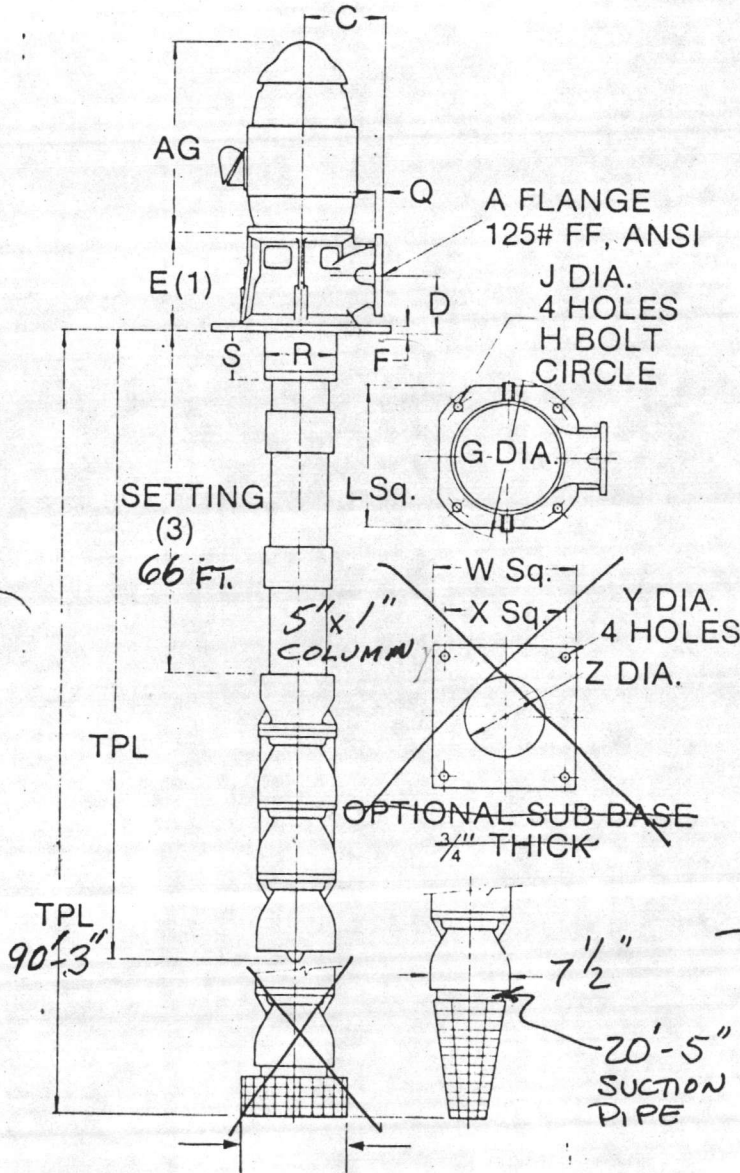
## Motor Data

Motor Mfr. G.E. OR EQUAL  
 H.P. 7 1/2 RPM 1750  
 Phase 3 Cycle 60 Volts 230/460  
 VHS  VSS Thrust 1400 #  
 Frame W 213TP Encl. TEFC BD 10  
 WITH NRR

MOTOR HEIGHT—AG—INCHES Dimensions approximate		
FRAME	WP-1	TEFC
182-184	21	21
213-215	<del>25</del>	26
254-256	29	29
284-286	31	32
324-326	36	37
364-365	38	42
404-405	43	49
444-445	48	50

Proposal No. SER. NO. E-47834-80  
 Customer USMC  
 Project P.O.# M67001-81-M-5703  
 Inquiry No. \_\_\_\_\_  
 Item No. WELL NO 635  
 Service WELL WATER

Submitted by RW Taylor  
 Date 12-12-80

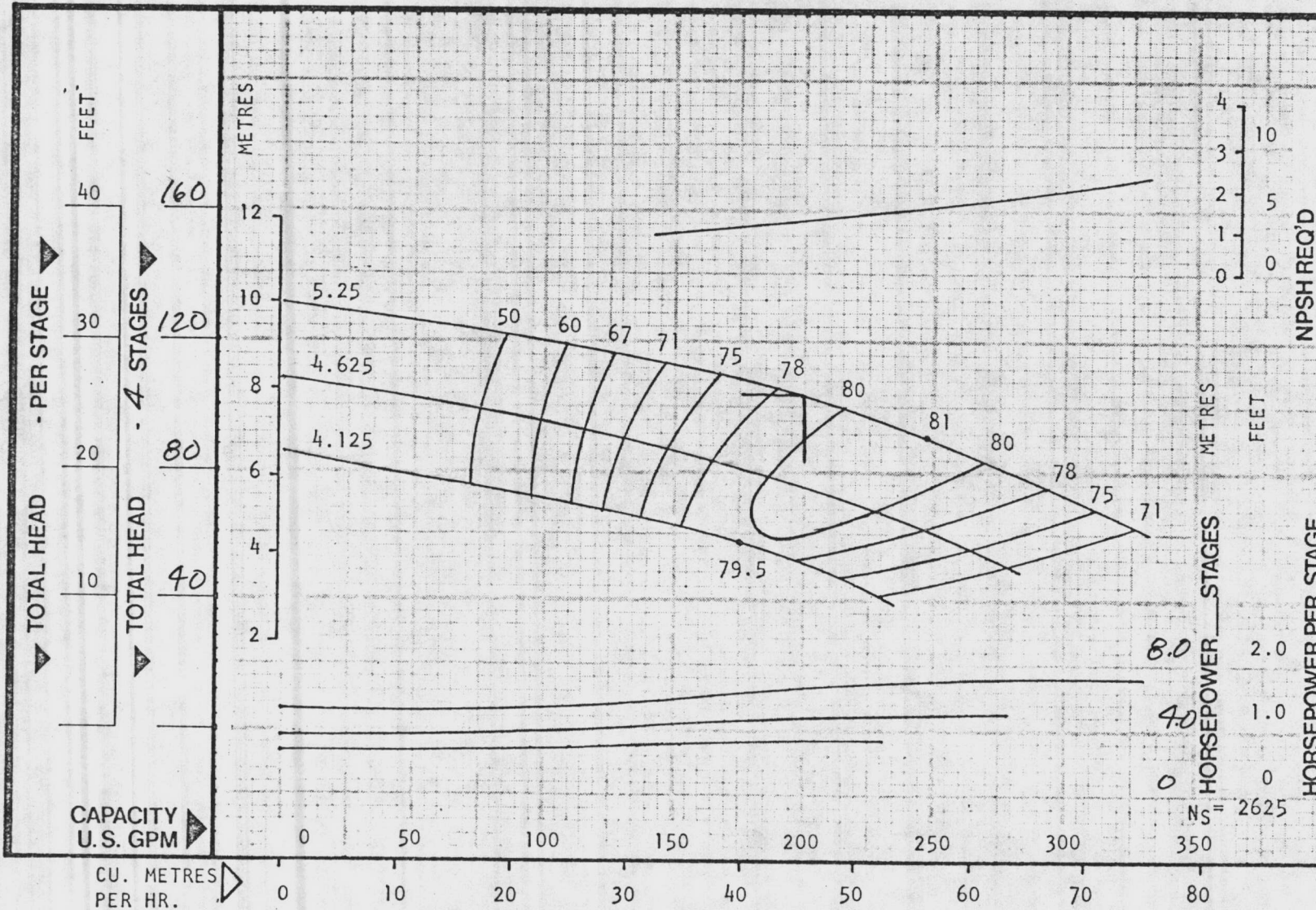


TENCARVA MACHINERY CO.  
 P. O. BOX 3407  
 WILMINGTON, N. C. 28406  
 PHONE (919) 799-8800

TENCARVA MACHINERY CO.  
P. O. BOX 340  
WILMINGTON, N. C. 28108  
PHONE (919) 799-8800



GOULDS PROPOSAL NO	GOULDS SO NO E-47834-80	INQUIRY NO	CUSTOMER PO NO MG7001-81-M 5703	PO DATE 12-12-80	ITEM NO	CUSTOMER USMC - CAMP LEJEUNE, N.C.
PROJECT WELL NO	SERVICE WELL WATER			GPM CAPACITY 200	FT TDH 100	% EFFICIENCY 78%
				RPM 1750		



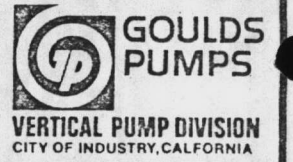
Curve No. 1139  
 Size: 8JL0  
 RPM: 1760

EFFICIENCY CHANGE

STGS.	1	4
"	2	2.5
"	3	1.5
"	4	1.0

Perf. based on:  
 Brz. Impellers &  
 C.I. Vitriglass  
 Enamelled Bowls.

Impeller= OPEN  
 K= 5.3 LBS./FT.  
 7.9 Kg./M.  
 K(Bal.)=



Characteristic based upon pumping clear, non-aerated water.  
 Rating point only is guaranteed. Column losses not included.







# Goulds Model DWT

## 3A.2B1

April 29, 1980  
(Sup. 2/1/80)

MCB CAMP LEJEUNE, N.C.  
M67001-81-M-5703  
12-12-80

8JL0/4 STAGE. WATER HUB,  
S/N - E-47834-80

### Column Assembly OIL LUBRICATED

SAE 1045 shaft and couplings, bronze tube connector bearing, steel enclosing tube and threaded steel outer column and couplings. Rubber tube centering spider supplied at 40 ft. intervals.

### WATER LUBRICATED

Over 20' TPL, SAE 1045 shaft with permanent hard chrome overlay at bearing journals. SAE 1045 shaft coupling, bronze bearing retainer, rubber bearing and threaded steel column. Up to 20' TPL, 416SS shafting throughout.

### Discharge Head Assembly

#### OIL LUBRICATED

Cast Iron Discharge Head Casting ASTM A48-CL30B\*  
Steel Column Nipple  
Malleable Iron Lock Ring Nut  
Cast Iron Tube Tension Plate  
Cast Iron Tube Nut W/Bronze Brg.  
416 Stainless Headshaft  
Steel Adjusting Nut & Gib Key  
Steel Tube Tension Nipple  
Manual Lubricator Assembly (Electric Solenoid  
Furnished if Electric Motor Purchased)

#### WATER LUBRICATED

Cast Iron Discharge Head Casting ASTM A48-CL30B\*  
Steel Column Nipple  
Malleable Iron Lock Ring Nut  
Cast Iron Packing Box  
Bronze Packing Gland W/Studs & Nuts  
416 Stainless Steel Head Shaft  
Steel Adjusting Nut & Gib Key  
No Prelube Tank and Fittings

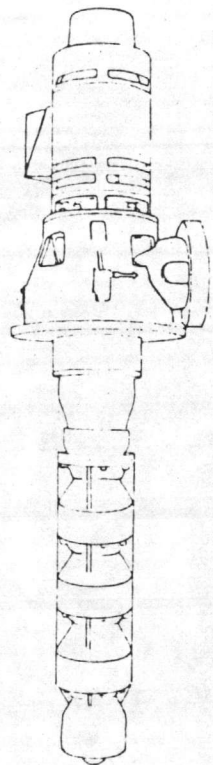
\* 14x24 1/2 is Fabricated Steel  
Plate—ASTM 283 GR.D  
Pipe—ASTM 120

#### NOTE:

- (A) Alternate materials available. Contact nearest sales office or factory.
- (B) 18B and 18H have keyed impellers, bowls are lined with Heresite or equal.
- (C) Suction bowl and discharge bowl bearings not available in rubber.
- (D) 18B and 18H have iron impellers. See VIT bowl price page for bronze impellers.

### Bowl Assembly

DESCRIPTION	MATERIAL (A)	STANDARD
BOWLS— INTERMEDIATE	CAST IRON ENAMELED (B)	ASTM A48 CL. 30B
IMPELLERS	BRONZE (D)	ASTM B145-4A
LOCK COLLET (Impeller) (B)	MILD STEEL	AISI C1018/EQ
SHAFT	STAINLESS STEEL	AISI 416
COUPLING (Shaft)	MILD STEEL	AISI C1018/EQ
BEARINGS (Intermediate Bowl)	BRONZE OR RUBBER	ASTM B-144-3B
SUCTION BOWL	CAST IRON	ASTM A48 CL. 30B
BEARING (Suction Bowl)	BRONZE (C)	ASTM B-144-3B
DISCHARGE BOWL	CAST IRON	ASTM A48 CL. 30B
BEARING (Discharge Bowl)	BRONZE (C)	ASTM B-144-3B
BEARING (Tube Adapter)	BRONZE (C)	ASTM B-144-3B
CAP SCREWS	MILD STEEL	AISI C1018/EQ
BOLTING	MILD STEEL	AISI C1018/EQ
SAND COLLAR	BRONZE	ASTM B-62
COLUMN	MILD STEEL	ASTM 120

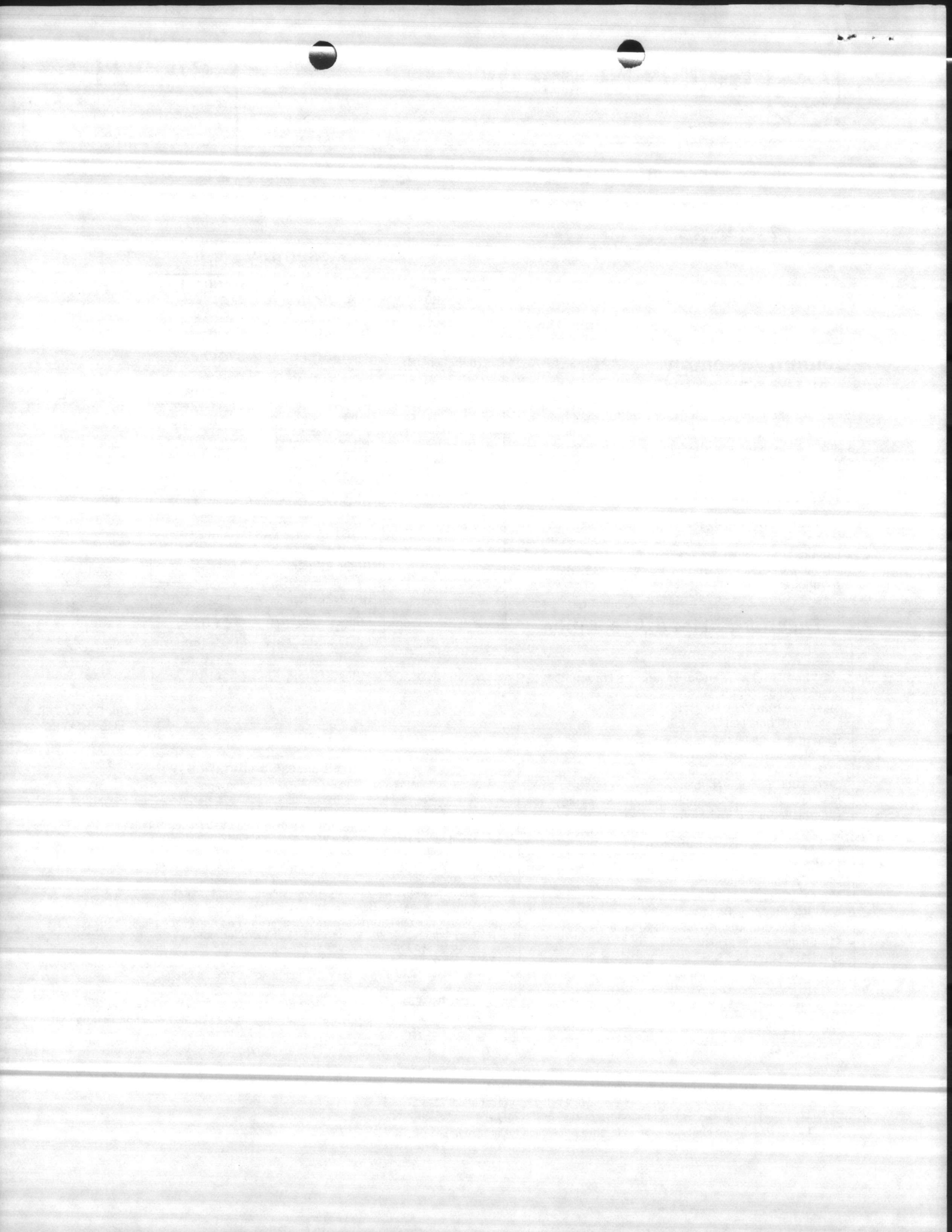


OIL OR WATER  
LUBRICATED

#### ENGINEERING LIMITATIONS

1. Semi-open impellers are limited to 200 ft. setting since shaft stretch variation due to changing pumping conditions (varying water table and/or discharge pressure) will affect the critical impeller running clearance.
2. Semi-open impellers are limited to a maximum of 10 stages. If these impellers require keyed construction, only a maximum of 3 stages are allowed.
3. Semi-open impellers must not be used when more than one flow condition is to be met, or on pumps that operate in parallel, causing variable flow rates.
4. All applications over 500 ft. setting must be referred to the factory.
5. Prelubrication is recommended for water lubricated rubber bearings when distance between grade and static liquid level is more than 50 ft.
6. Non-reverse ratchets (NRR) are recommended on drivers for all applications where the setting is over 100 ft. For settings of 400 ft. or more the driver manufacturer must be consulted for availability of NRR.
7. For other than 50 and 60 cycle speeds refer to the factory to check on critical speeds. Otherwise bearing spacings indicated in notes 8 and 9 apply.
8. On all water lubricated pumps 5 ft. bearing spacing is required for operation over 2200 RPM. Speeds less than 2200 RPM requires 10 ft. bearing spacing.
9. All pumps with enclosed lineshaft construction are supplied with 5 ft. bearing spacings for all speeds.





FORM 7-66

U.S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
OFFICE OF WATER DATA COORDINATION  
INVENTORY OF HYDROLOGIC DATA STATIONS  
QUALITY OF WATER

APPROVED:  
Budget Bureau No. 42-R1485  
Approval Expires June 30, 1968

1. AGENCY CODE <b>65</b>		2. TYPE <b>Q</b>	3. LATITUDE ° ' " N <b>34 10 36</b>		4. LONGITUDE ° ' " W <b>77 19 33</b>		5.
3. AGENCY STATION NO. <b>635</b>		7. STATION NAME <b>HP20-635</b>					
3. DRAINAGE BASIN CODE No. Letter <b>06 W</b>		9. STATE CODE <b>32</b>	10. COUNTY CODE <b>133</b>	11. COUNTY NAME <b>OSGOW</b>			
12. PERIOD OF RECORD Began Discontinued <b>1959</b>		<input type="checkbox"/> Continuous <input type="checkbox"/> Interruption Exceeds 1 Year		13.	14.		
13. SITE <input type="checkbox"/> 101 Stream <input type="checkbox"/> 102 Canal		<input type="checkbox"/> 103 Lake <input type="checkbox"/> 104 Reservoir <input type="checkbox"/> 105 Estuary		<input type="checkbox"/> 106 Spring <input checked="" type="checkbox"/> 107 Well <input type="checkbox"/> 108 Other			
16. FREQUENCY OF MEASUREMENT <input type="checkbox"/> 201 Continuous Recorder <input type="checkbox"/> 202 Telemetered		<input type="checkbox"/> 203 Daily <input type="checkbox"/> 204 Weekly <input type="checkbox"/> 205 Monthly <input type="checkbox"/> 206 Quarterly		<input type="checkbox"/> 207 Seasonal <input type="checkbox"/> 208 Annual <input type="checkbox"/> 209 Other Periodic <input checked="" type="checkbox"/> 210 Occasional			
17. TYPES OF DATA AVAILABLE <i>Physical</i> <input type="checkbox"/> 311 Temperature <input type="checkbox"/> 312 Specific Conductance <input type="checkbox"/> 313 Turbidity <input type="checkbox"/> 314 Color <input type="checkbox"/> 315 Odor <input type="checkbox"/> 316 Radioactivity <input type="checkbox"/> 317 pH (field) <input checked="" type="checkbox"/> 318 pH (lab) <input type="checkbox"/> 319 Eh <input type="checkbox"/> 320 Other		<i>Chemical</i> <input type="checkbox"/> 331 Dissolved solids <input checked="" type="checkbox"/> 332 Chlorides Only <input type="checkbox"/> 333 Nutrients (Nitrogen and phosphorus compounds) <input type="checkbox"/> 334 Common Ions <input checked="" type="checkbox"/> 335 Hardness <input type="checkbox"/> 336 Radiochemical <input type="checkbox"/> 337 Dissolved oxygen <input type="checkbox"/> 338 Other Gases <input type="checkbox"/> 339 Other		<i>Organic</i> <input type="checkbox"/> 351 Pesticides (insecticides, herbicides, etc.) <input type="checkbox"/> 352 Synthetic detergents <input type="checkbox"/> 353 Other <i>Biologic</i> <input type="checkbox"/> 361 Coliforms <input type="checkbox"/> 362 Other Micro-organisms <input type="checkbox"/> 363 BOD <input type="checkbox"/> 364 Other <i>Sediment</i> <input type="checkbox"/> 371 Concentration <input type="checkbox"/> 372 Particle size <input type="checkbox"/> 373 Other			
18. SUPPLEMENTARY DATA FOR SITE <input type="checkbox"/> 421 Surface Water Station <input type="checkbox"/> 422 Ground Water Station		<input type="checkbox"/> 423 Water Stage or Level <input checked="" type="checkbox"/> 424 Water discharge		<input type="checkbox"/> 425 Time of Travel <input type="checkbox"/> 426 Drainage Area			
19. STORAGE OF DATA <input type="checkbox"/> 501 Periodic Report <input type="checkbox"/> 502 Areal Report		<input checked="" type="checkbox"/> 503 Not Published <input type="checkbox"/> 504 Data on Punchcard		<input type="checkbox"/> 505 Data on Magnetic Tape <input type="checkbox"/> 506 Other			
20. OFFICE AT WHICH DATA AVAILABLE Office: <b>PACIFIC MAINTENANCE DEPARTMENT, UTILITIES DIVISION</b> Street No.: <b>ENGINEER CORPS BASH</b> City Code: City, State, Zip: <b>CAMP LEWIS, D.C. 20512</b> <b>0735</b>							
21. OFFICE COMPLETING FORM							
22. COMPILER'S NAME <b>PACIFIC MAINTENANCE DEPARTMENT</b>						23. DATE Month: <b>09</b> Year: <b>1966</b>	

2

3

20



NOTE: ALL COLUMN LOSSES ARE INCLUDED

JOHNSTON: REF. NO.

JQ 3888

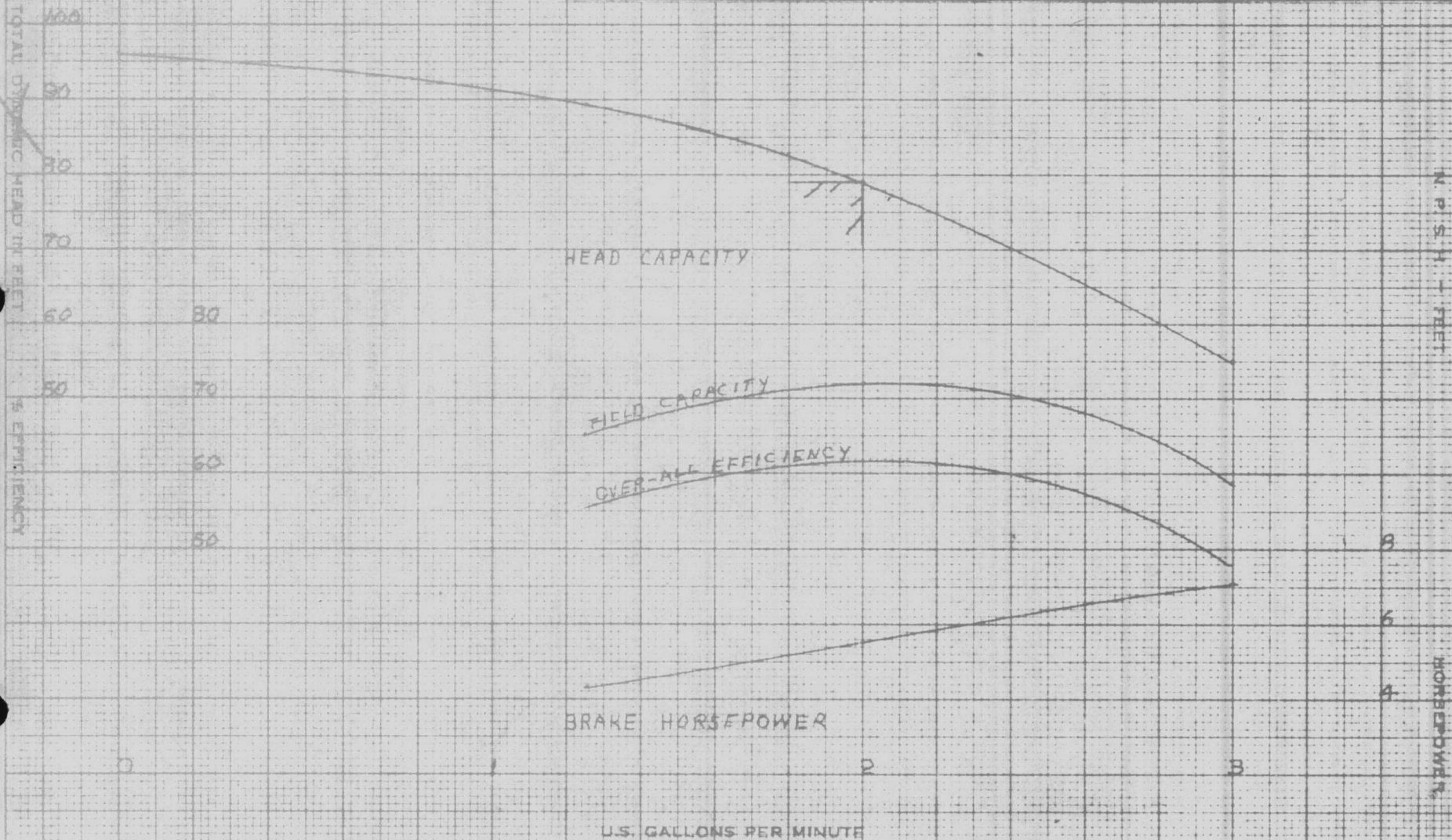
DEALER:

REF. NO.

CUSTOMER:

T.A. LOYING CO

REF. NO.



THE CAPACITY, HEAD AND EFFICIENCY GUARANTEE IS FOR THE DESIGNATED POINT ONLY: IT IS BASED ON SHOP TESTS, WHEN HANDLING CLEAR, FRESH WATER AT A TEMPERATURE OF NOT OVER 85° F. AND UNDER SUCTION CONDITIONS AS SPECIFIED IN THE CONTRACT

IMPELLER C.I. VIT  
 BOWLS C.I. VIT  
 LIQUID WATER  
 SP. GR. 1.0 @ 70°F  
 DATE 14 JUL 54 BY CHET

JOHNSTON PUMP CO  
 DIVISION OF YOUNGSTOWN SHEET & TUBE



VERTICAL PUMPS

50TH YEAR 1909-1959

PASADENA • CALIFORNIA • U.S.A.

PERFORMANCE 3 STAGE

8AC

TURBINE PUMP

1760

R.P.M.



RECORD OF WELL TEST

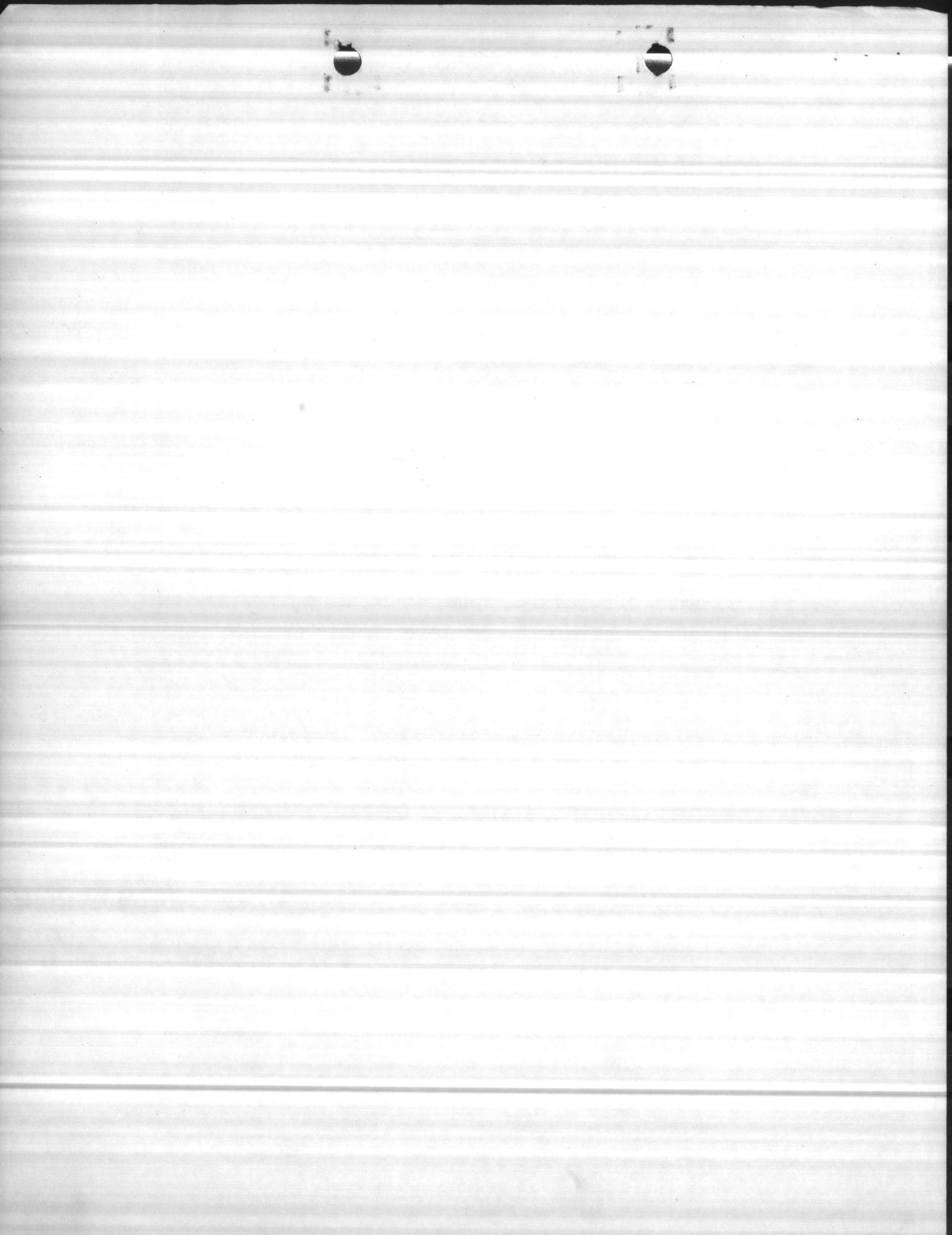
WELL # 35  
 Contract NBY 24218

DATE	TIME	GPM.	DRAWDOWN	PUMPING LEVEL	REMARKS
10-29-59	11:30 p.m.	200	20 feet	35 feet	All depths relate to ground elevation
10-30-59	12:30 a.m.	200	20	35	
	1:30	200	20	35	Static level was 15 feet below ground elevation before starting test. Well had been idle for 1 1/2 hour at this time.
	2:30	200	23	38	
	3:30	200	25	40	
	4:30	200	25	40	
	5:30	200	25	40	
	6:30	200	25	40	
	7:30	200	25	40	
	8:30	200	25	40	
	9:30	200	25	40	
	10:30	200	25	40	
	11:30	200	25	40	
	12:30	200	25	40	
	1:30	200	26	41	
	2:30	200	26	41	
	3:30	200	26	41	
	4:30	200	26	41	
	5:30	200	26	41	
	6:30	200	26	41	
	7:30	200	26	41	
	8:30	200	26	41	
	9:10	175	cut back		
	9:15	175	24	39	
	9:30	175	23	38	
	9:45	175	22	37	
	10:00	185	25	40	
	10:30	185	25	40	
	11:00	185	25	40	
	11:30	185	25	40	

175gpm

*Pump at 200 as shown on drawings.*





WELL # 635-

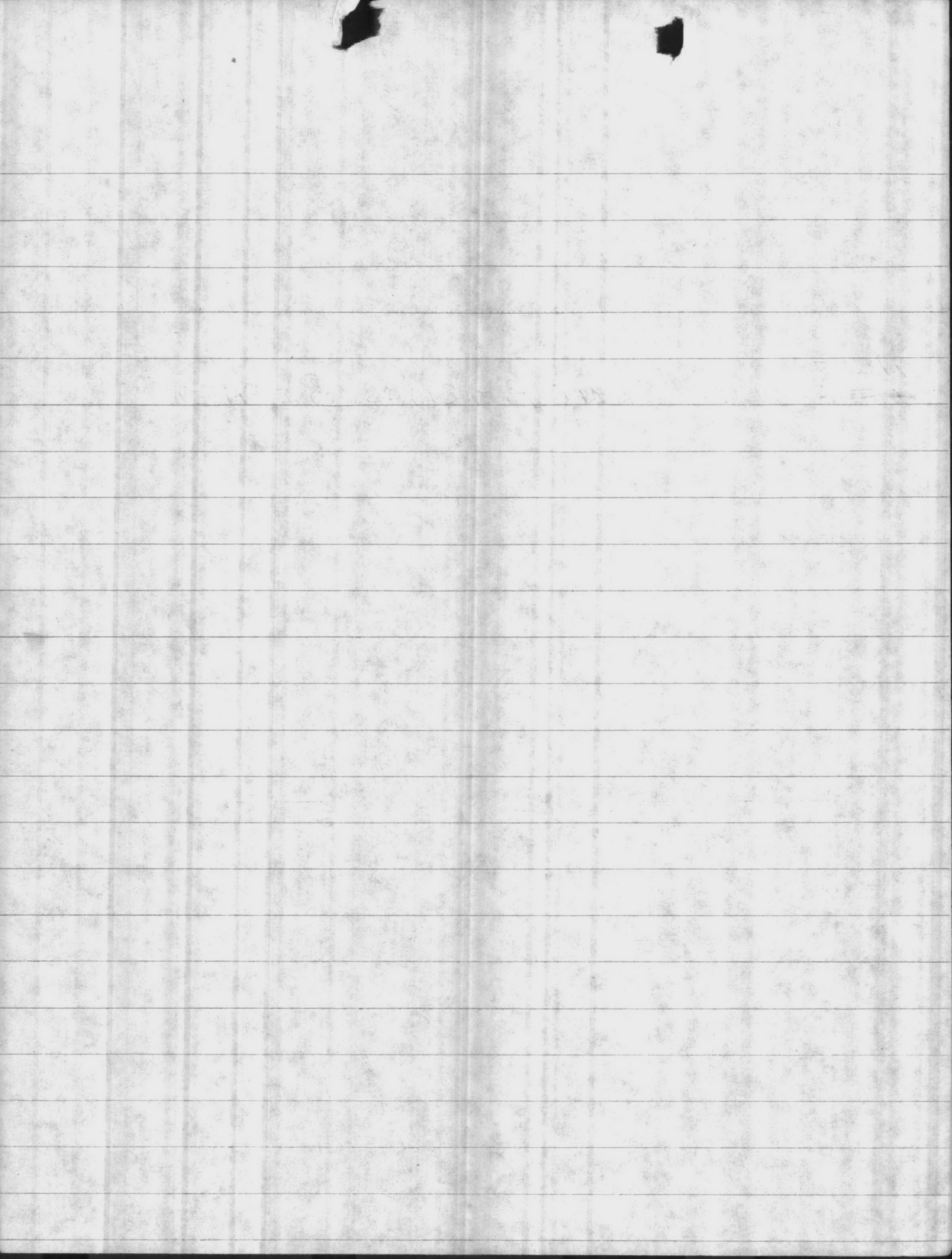
DATE	STATIC DP.	G.P.M.	AIRLINE
10/20/66	49'	140	?
8/11/69	49'	40	78.7

well will be cleaned

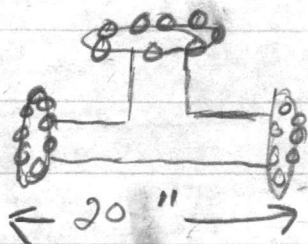
11-5

~~10-10~~-69-

SHAFT BEARINGS REPLACED







O.A.

2-12-81

H.P.

635

P.L.

O.A.

PSI

FT

GAL

35

61

-

30

63

128

25

65

143

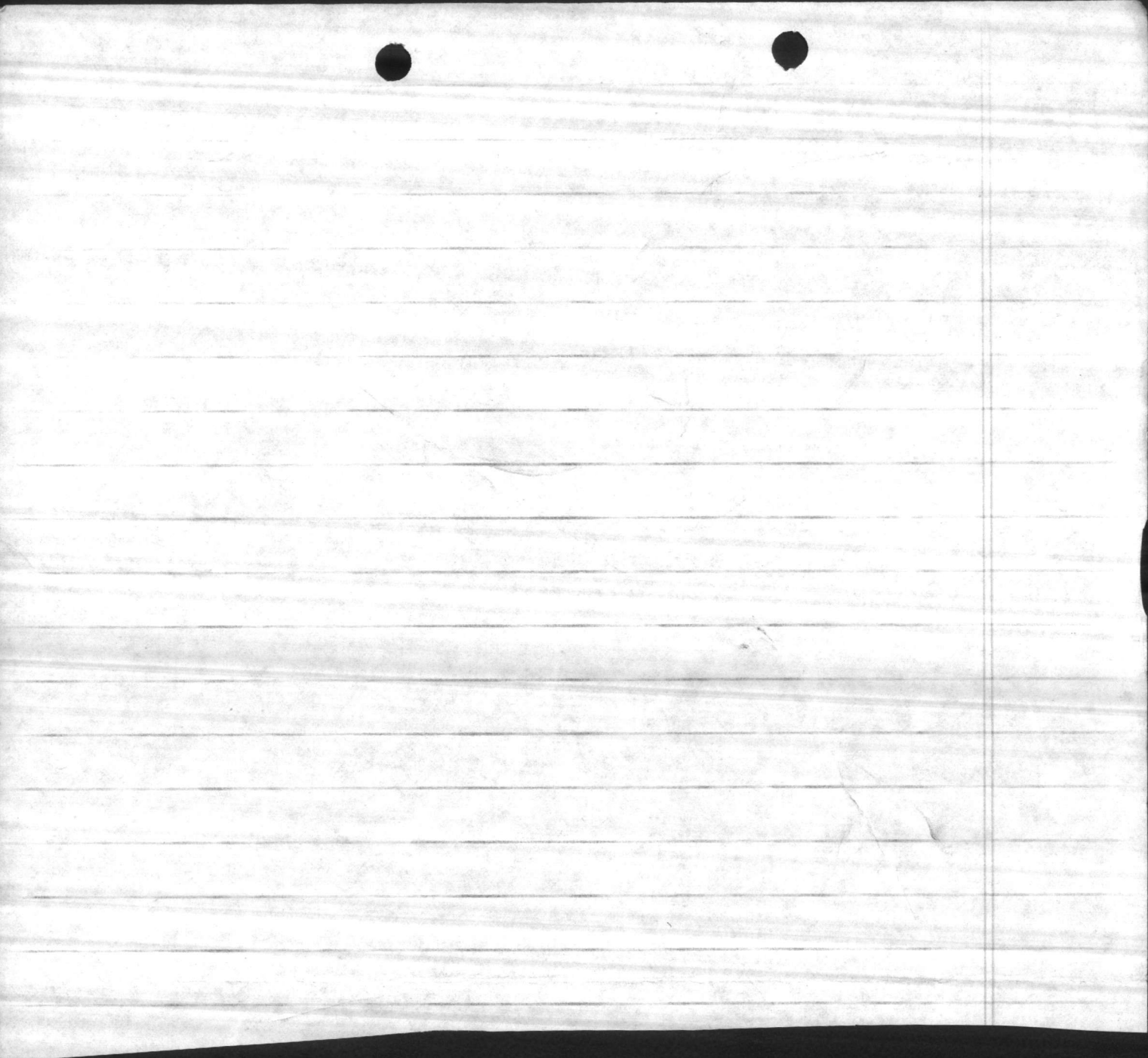
20

67

175

15

78' AIR LINE



# Well (635)

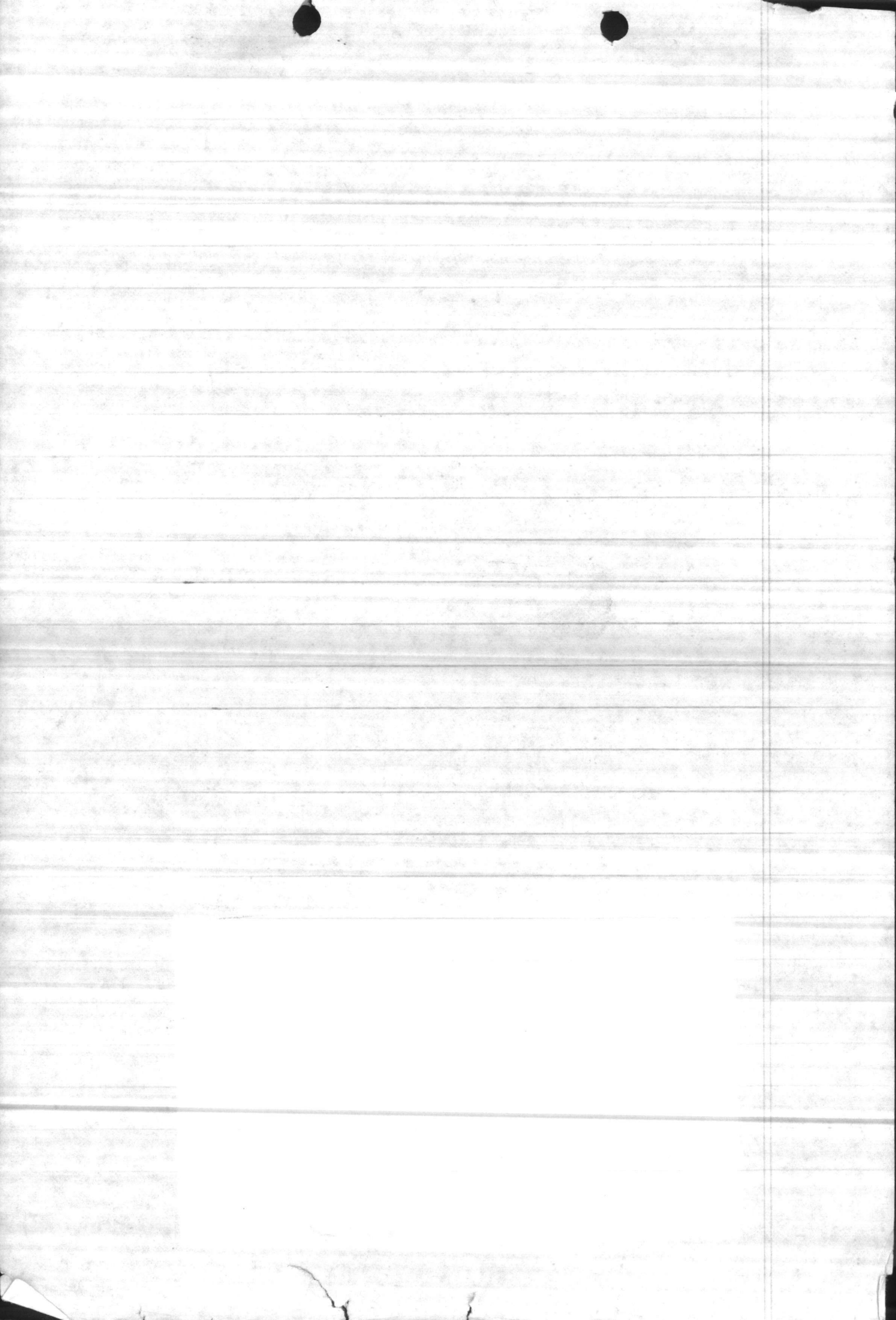
static water level 10' 6"  
 well depth 216' deep

Pump must meet exist  
 piping arrangement

	# 635 9-15-83	10-29-84	8-19-85
A/L	63	63	63
S/L	4	88	33
P/L	10	51	53
D/D	0	22	22
PSI	16	18	18
GPM	159	151	146
P/D	110	110	110
W/D	215	215	215
		<del>9-12-83</del>	SCD

13  
 7  
 180  
 130  
 200  
 150  
 650





# 635 9-12-83

A/L  
S/L  
P/L  
D/D  
PSI  
GPM  
P/D  
W/D

13  
17  
56

~~6  
16  
15  
110  
215~~  
6  
16  
15  
110  
215

~~10-29-84~~

~~63  
28  
15  
22  
18  
151  
110  
215~~

63  
18  
25  
53  
63  
20  
43  
83  
15  
8

8-19-85

63  
33  
55  
22  
18  
146  
110  
215

180  
150  
200  
150  
68

~~9-12-83~~ SCJ

JAN 84  
MOT 11/11/83





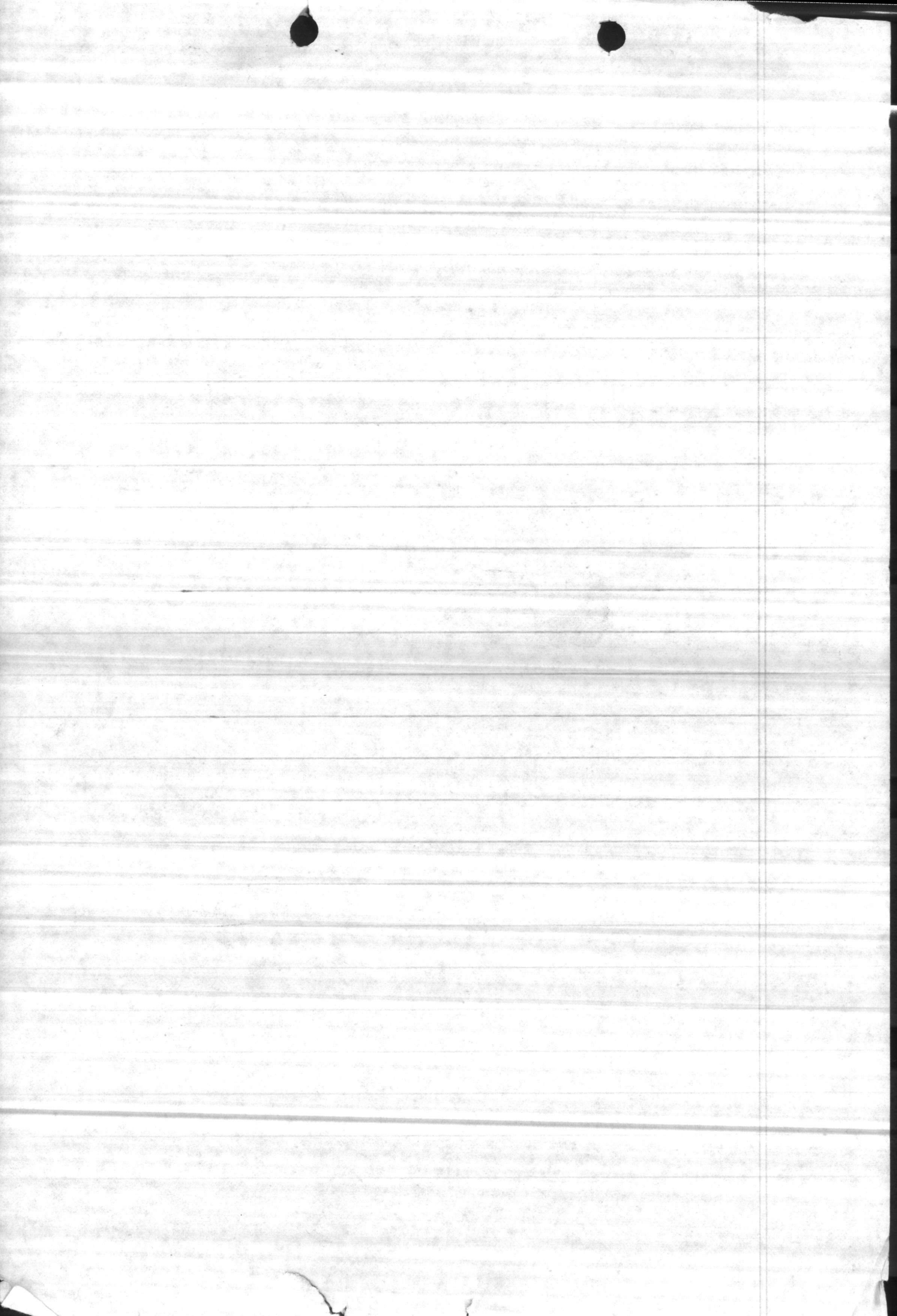
Well (635)

static water level 10' 6"

well depth 216' deep

---

Pump must meet exist  
piping arrangement



Well Pump #35

Pump Base Elevation

Length of Air Line

Elevation of Lower End of Air Line

Operate At Approx.:

D.D. Gauge Reading  
Discharge Pressure

Gallons Per Minute

476  
29  
453

+ 31.3

78.4

- 46.0

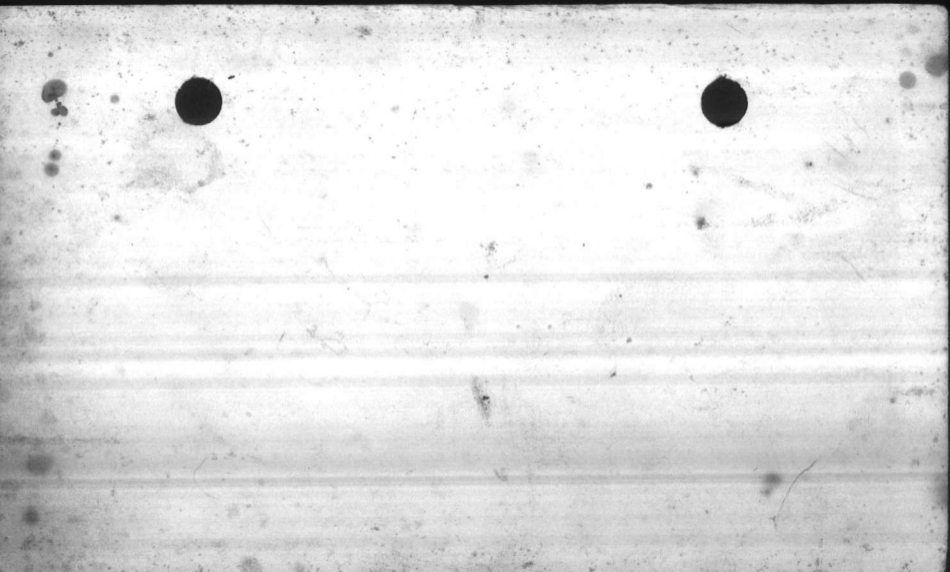
16

15

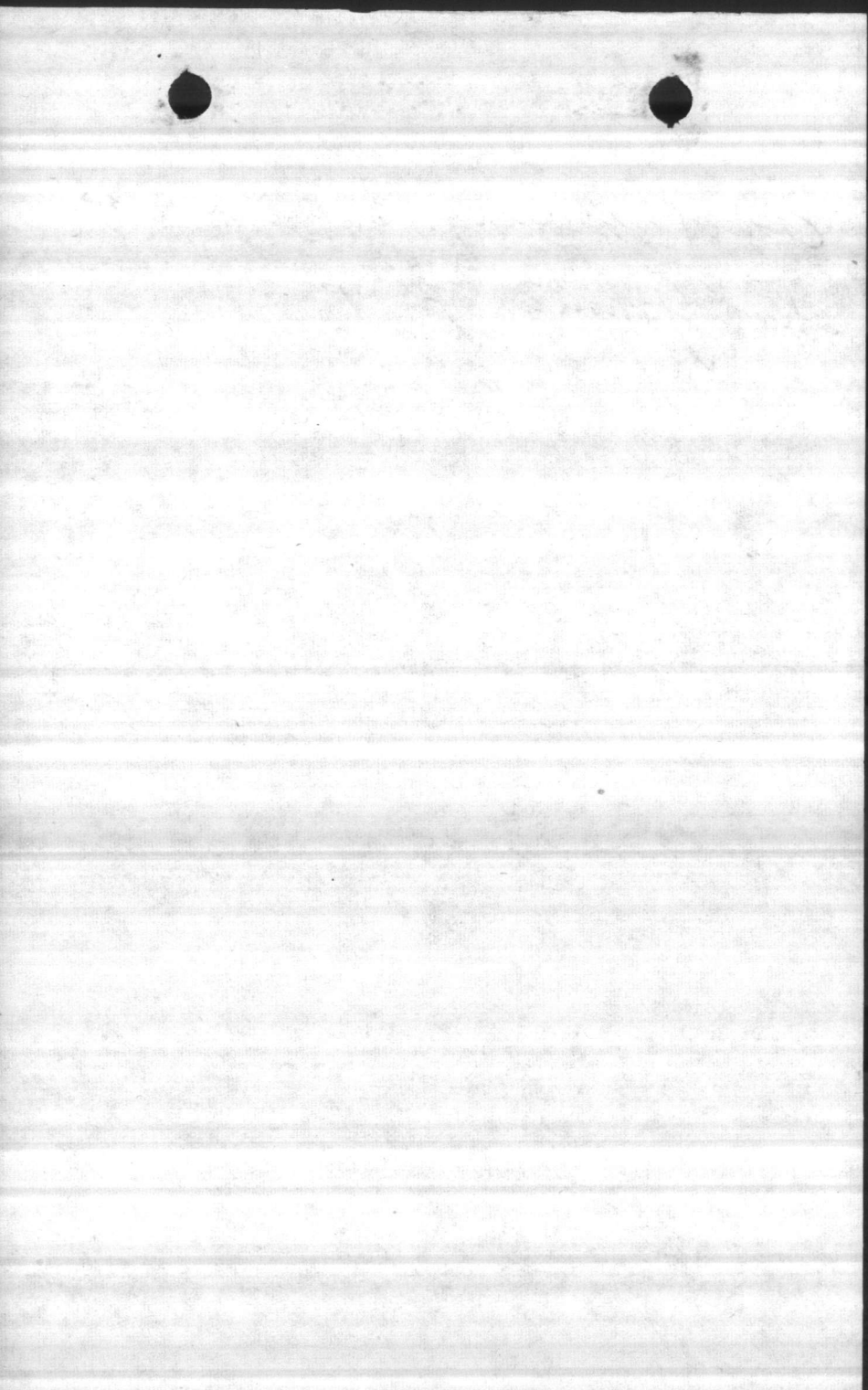
140

STATIC 49 (10-10-66)





As of March 1/67 well 35  
has Johnston pump





Date	Well	G.P.M.	Line ft.	Static guage ft.	D.D. guage ft.	Ft. of D.D.	Shut off head ft.	L. EL A-LINE
10-4-56	24	-	58	-	46		OPEN	-36
"	25	-	54.5	54	46	24	OPEN	-49
"	26		67	32	41	12		-32
"	27		63	34	44.5	9		-33.5
"	28		92	37	49	9		-31
"	29		83	43	42.7	6		-28
"	31			32	42.3			-448
	30			41				3.

41  
GAGE 39 FT



Lt. & Mrs. Paul M. Ogilvie  
 3430 Hagaru Drive  
 Tarawa Terrace, N. C.

4	2	50
2	7	
1	6	5

#33. FLOOR PL. - +26	-	LOWER FL. AREA - 29.60
#34 - "	"	" " " " " " " " +30.5
#35 - "	"	" " " " " " " " +20.5
#36	"	" " " " " " " " +29.5
		ADJ. AREA 57.60



S/Sgt & Mrs Donald Pack  
1826 Cowell Ct.

T T B

Moved away. Unable to  
locate,

Reynold and Mary Frances  
Hampson

#34 - Start 5-18-60  
PRESS - 18.5 LB/D - 25 ft  
changed to P.H.

13.5 LD DD 20  
#34 (P-12 - DD-17)

#35 PRESS - 21.5  
Start DD-36 →

#35 changed to (P-18)  
PRESS 16 DD-3.2

DD 25.8 should be changed

#36 - Start changed  
P-20 P-44 P-105  
DD-60 DD 55 DD-53

#37 Start changed  
Static 39 ft P.23 P.24  
P 24.5 LD DD 23  
DD 28 ft

M-2 P-48 LB

861

$$\begin{array}{r}
 4/26 \quad 60.00 \\
 - 14.80 \\
 \hline
 45.80
 \end{array}$$

$$\begin{array}{r}
 - 45.8 \\
 \hline
 25.00
 \end{array}$$

Page 45.85

$$\begin{array}{r}
 - 29.64 \\
 - 5 \\
 \hline
 24.64
 \end{array}$$

$$\begin{array}{r}
 - 35 \\
 \hline
 20
 \end{array}$$

24.64

$$\begin{array}{r}
 20 \\
 - 5 \\
 \hline
 15
 \end{array}$$

$$\begin{array}{r}
 \#33 \quad 29.64 \\
 - 24.64 \\
 \hline
 5.00
 \end{array}$$

$$\begin{array}{r}
 \#35 \quad 45.8 \\
 - 20 \\
 \hline
 25.8
 \end{array}$$

#34

$$\begin{array}{r}
 - 35.26 \\
 - 20.25 \\
 \hline
 15.00
 \end{array}$$

$$\begin{array}{r}
 - 20.25 \\
 \hline
 15.00
 \end{array}$$

$$\begin{array}{r}
 35.26 \\
 16.00 \\
 \hline
 19.26
 \end{array}$$

Page

15.00

19.26

8-00-8

F52

M-1 STAT 16

#33 - P. 26.6 - DD. 24  
200 GPM P. 17 - 24

---

#34 - P. 12 LB DD - 16 ft  
170 GPM

---

#35 - P. 20 - DD - 25.5  
200 GPM

---

#36 - P. 5 LB DD - 49 ft  
240 GPM

---

5-24-60

#33 - P. 28.5 DD - 25

#35 - P. 20 DD - 26

#36 - P. 7 DD. 46

#34 P. 12 DD 16.5

#9 - static 46 ft

Salt -

---

Manufacture -

Wells at T. 1.



RA-2  
AB-1  
BB-1  
BA-2  
HP-4

N

490000  
489520  

---

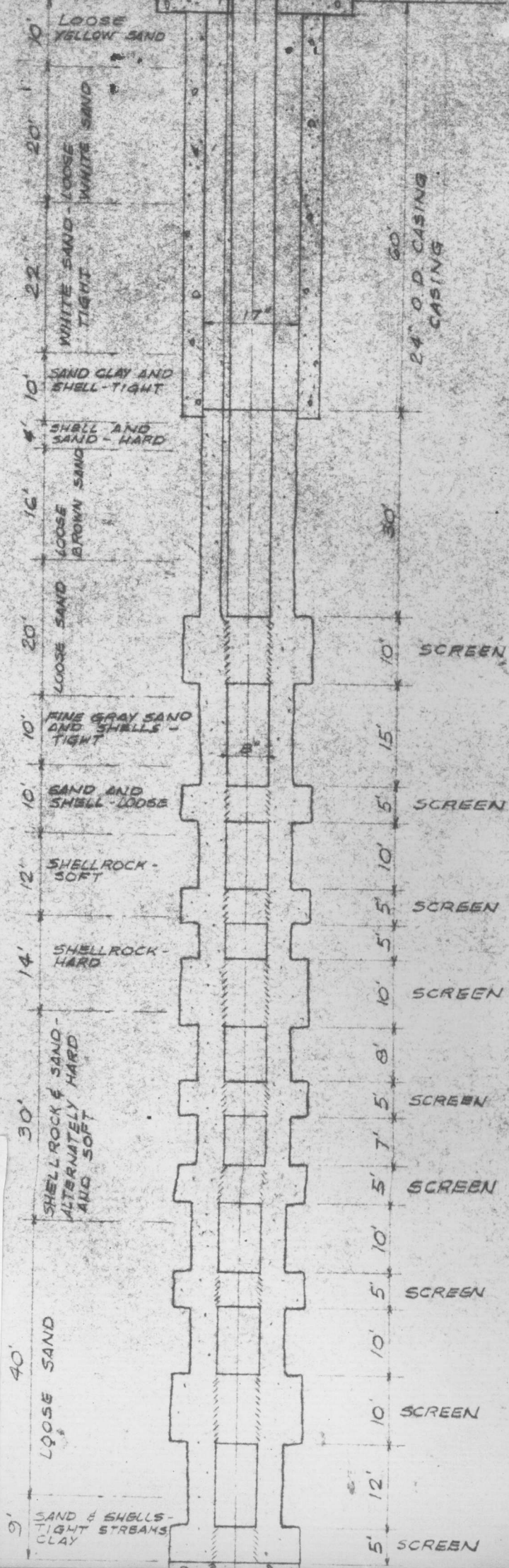
480



N  
MN

Get orders in  
your right of way  
Down 21 May  
road General BB-4

H.P. Well 635



227'

HP636

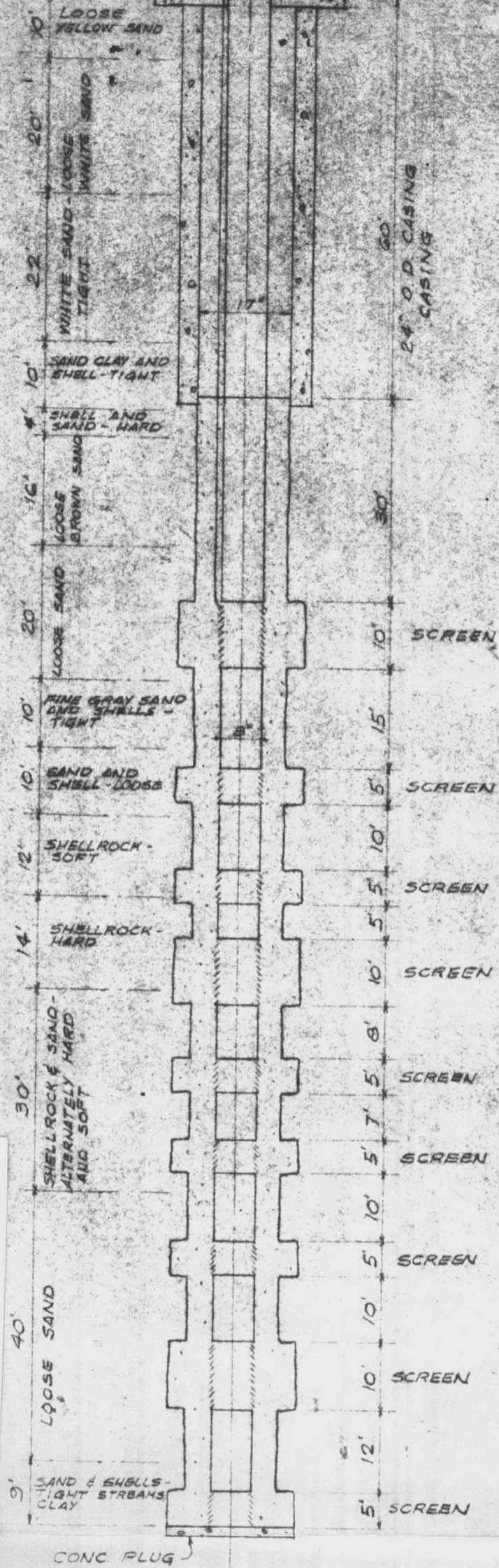
WEhk  
#36

Sealed  
7-25-94  
Sandfill

NE



EXIST. GRADE EL. 29.35



HP636

WEhk #36

Secured  
 7-25-94  
 Sandfill

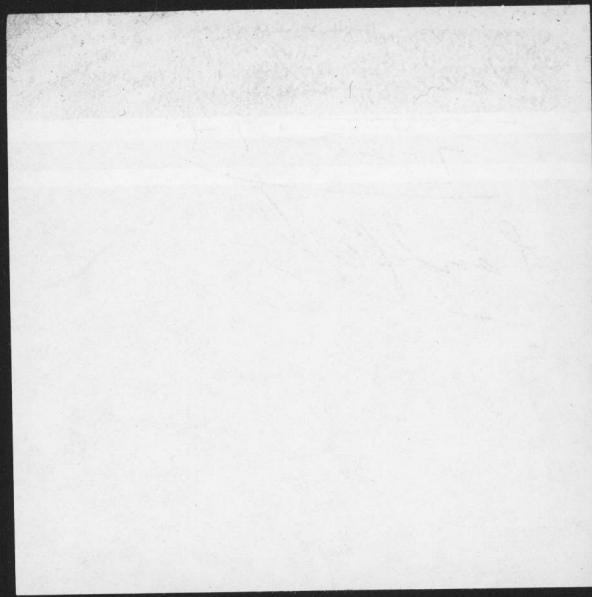
N





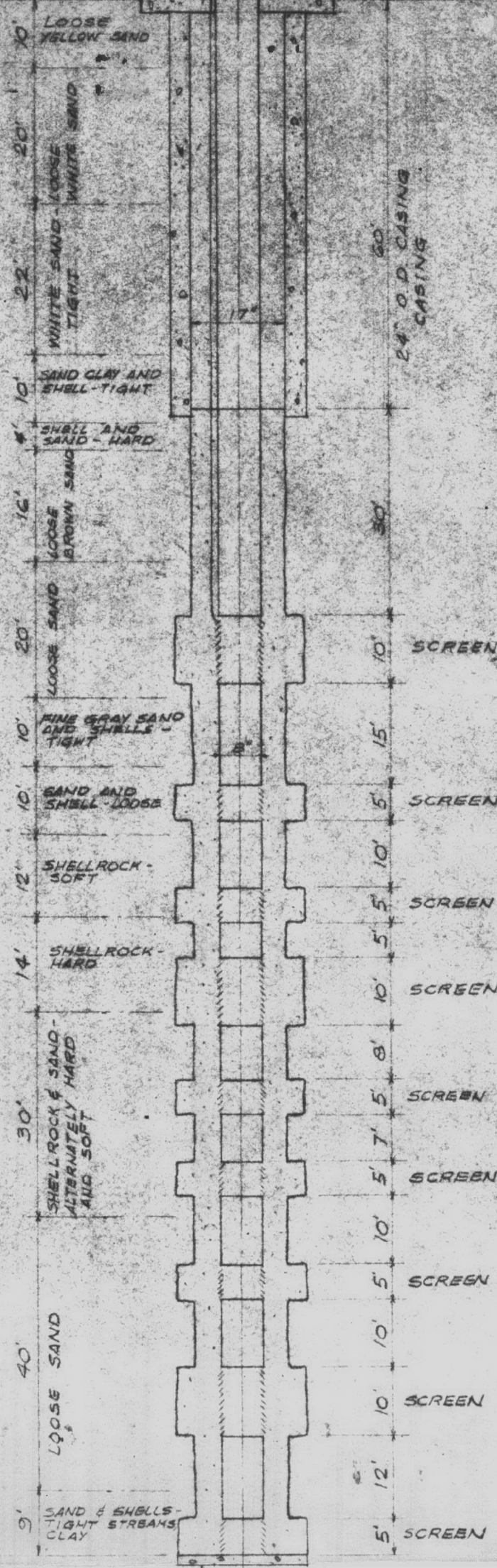
Secured  
7-25-94  
Sandfill







EXIST. GRADE EL. 29.35



227'

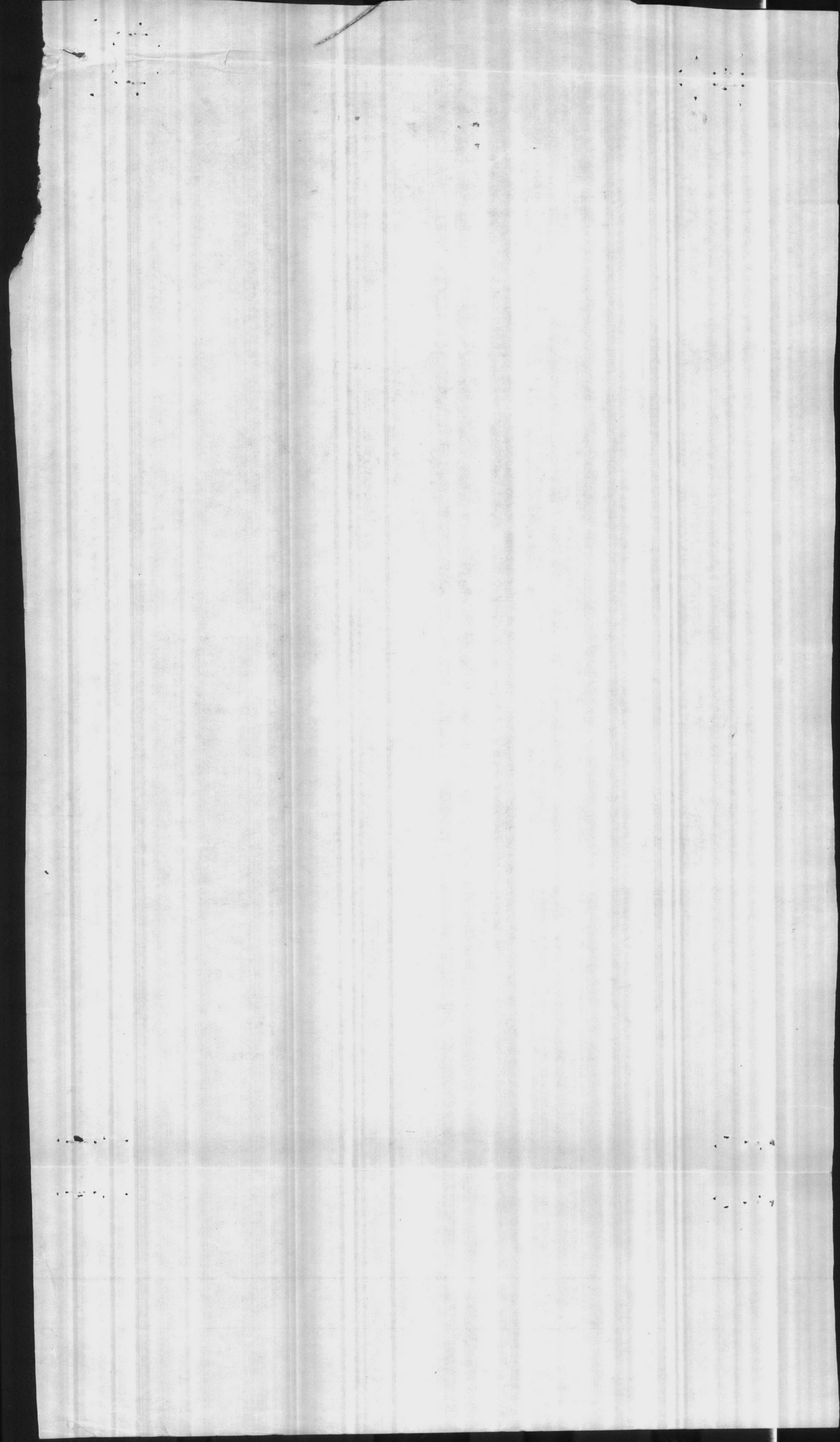
AP636

WEHk  
#36

NE

CONC. PLUG





TOLERANCE  
FRACTIONAL ± 1/64 UNLESS NOTED

45°  
4 - 5/8" HOLES ON 1 1/2" B.C.  
M-F 5116 MOUSE VERTICAL HOLLOW SHAFT MOTOR  
TYPE CSP FRAME 859-40 HP. 1 1/2" PHASE 3  
CYCLE 60 VOLTS 220 RPM 17-95  
WITH NON-REVERSE RATCHET

ADJUSTING NUT  
220VOLT - 60 CYCLE AC AUTOMATIC SCIENTIFIC  
OPERATED CILER - 1 GALLON CAPACITY

10" x 6" DISCHARGE HEAD TYPE A - CAST IRON

TUBE TENSION NUT - CAST IRON  
TUBE TENSION NUT BRG - HIGH LEAD BRZ.

PACKING  
TUBE TENSION PLATE - CAST IRON  
HEADSHAFT - A16 S.S.T.

TUBE TENSION NIPPLE - STEEL  
LINESHAFT COUPLING - STEEL  
LINESHAFT - A16 S.S.T.

STD. TUBE STABILIZER - RUBBER  
LINESHAFT TUBING - STEEL  
LINESHAFT BEARING - HIGH LEAD BRG.

COLUMN PIPE - WROUGHT IRON  
COLUMN PIPE COUPLING STEEL

PUMPSHAFT COUPLING - STEEL  
PUMPSHAFT - # 416 STAIN. STEEL

TUBING ADAPTER SCREW BEARING - BRZ.  
TUBING ADAPTER - DUCTILE IRON

DISCHARGE CASE - CAST IRON  
DISCHARGE CASE SCREW BRG. BRZ.  
C. RING DEFLECTOR  
DISCHARGE CASE COMBINATION BRG. HIGH LEAD BRZ.

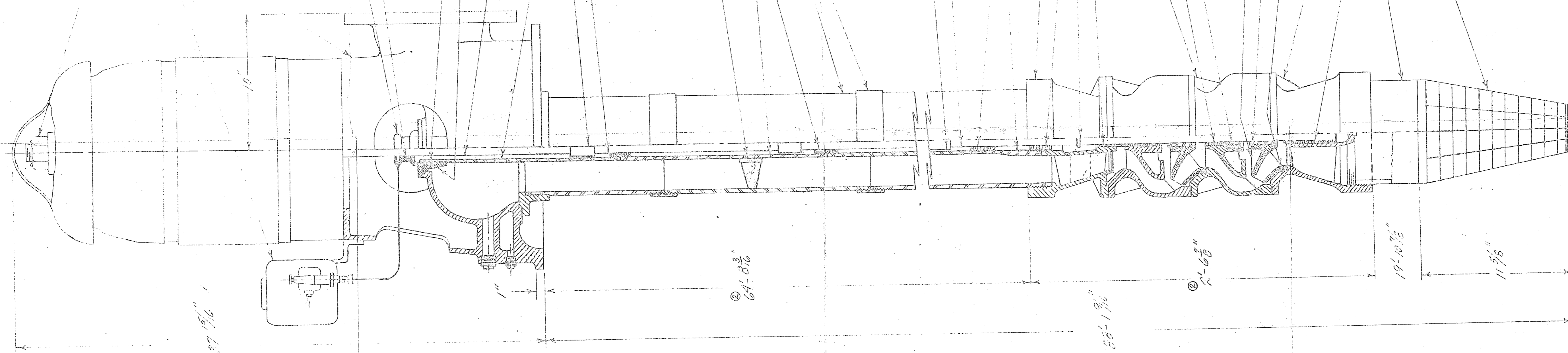
INTERMEDIATE BOWL  
INTERMEDIATE BOWL BEARING - HIGH LEAD BRZ.  
INTERMEDIATE BOWL BEARING - RUBBER

IMPELLER - CAST IRON VIT  
IMPELLER LOCK COLLET - STEEL  
IMPELLER SEAL RING - ALUM. BRZ.

SUCTION CASE - CAST IRON  
SUCTION CASE BEARING - HIGH LEAD BRZ.

SUCTION PIPE - STEEL

STRAINER - GALV. STEEL



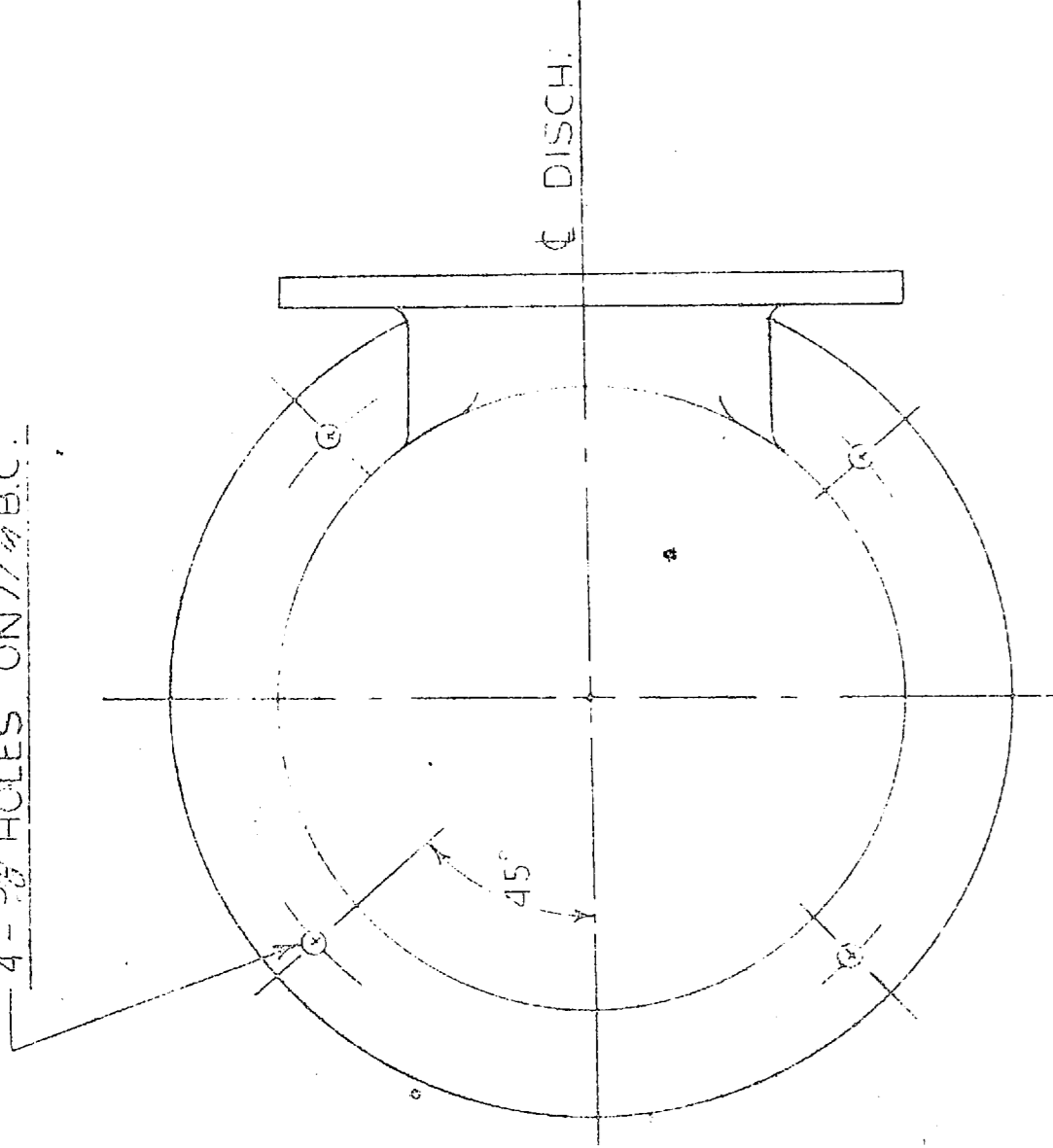
PUMP PERFORMANCE  
200 U.S. G.P.M.  
83.5 FT. TOTAL HEAD  
LIQUID - WATER  
1.0 SPECIFIC GRAVITY

DEALER - T.A. IGVING & COMPANY  
PC # 671  
JOHNSTON SO. & SERIAL NO. J.P. 3885

THIS PRINT CERTIFIED  
CORRECT BY  
JOHNSTON PUMP COMPANY  
A DIVISION OF THE TOWNSEND  
SHEET AND TOOL COMPANY  
Per *[Signature]*

3-46-211

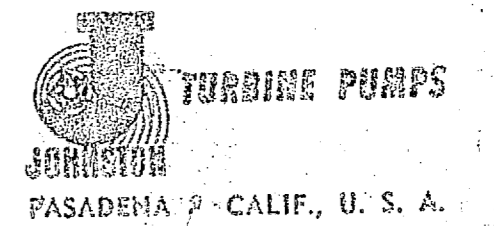
DISCHARGE HEAD  
PLAN VIEW



REVISIONS				DATE		BY		CHECKED		DATE		BY	
3	REVISED TO DATE	JDE	2-2-60										
2	REVISED TO DATE	JDE	1-18-60										
1	REVISED TO DATE	JDE	2-10-59										

SCALE NONE		DATE 8/13/59		DRAWN JDE		CHECKED ST		DATE 5-14-59		APPROVED		DRAWING NUMBER H-1826-D	
------------	--	--------------	--	-----------	--	------------	--	--------------	--	----------	--	-------------------------	--



EST. 1850

OFFICE OF THE  
RESIDENT ENGINEER  
CAMP BUNN, NO. 1, A. U. S.

**A. P. J. VED**

SUBJECT TO CONTRACT & QUANTITIES

CONTRACT NO. 24218 S. E. C. NO. 24218/69

DATE: 2/5/69

*[Signature]*  
N. C. H. R. E. Y.  
C. D. R., U. S. N.  
Resident Officer in  
Charge of Construction

**ISSUED**  
FEB 5 1969  
**ENG. DEPT.**



TOLERANCE  
FRACTIONAL  $\pm$  1/64 UNLESS NOTED

WESTINGHOUSE VERTICAL HOLLOW SHAFT MOTOR  
TYPE C52 FRAME 287-40 HP 220V PHASE 3  
CYCLE 60 VOLTS 220 RPM 1800  
WITH NON-REVERSE RATCHET

220VOLT-60 CYCLE AC AUTOMATIC SCIENCEID  
OPERATED OILER-1 GALLON CAPACITY

DISCHARGE HEAD TYPE 'A' CAST IRON

TUBE TENSION NUT - CAST IRON  
TUBE TENSION NUT BRG-HIGH LEAD BRG.

PACKING  
TUBE TENSION PLATE - CAST IRON  
HEADSHAFT - 1/16-5.572

TUBE TENSION NIPPLE - STEEL  
LINESHAFT COUPLING - STEEL  
LINESHAFT - 1/16-5.572

STD. TUBE STABILIZER - RUBBER  
LINESHAFT TUBING - STEEL  
LINESHAFT BEARING - HIGH LEAD BRG.

COLUMN PIPE - WROUGHT IRON  
COLUMN PIPE COUPLING - STEEL

PUMPSHAFT COUPLING - STEEL  
PUMPSHAFT - #416 STAIN. STEEL

TUBING ADAPTER SCREW BEARING - BRZ.  
TUBING ADAPTER - DUCTILE IRON

DISCHARGE CASE - CAST IRON  
DISCHARGE CASE SCREW BRG. BRZ.  
C. RING DEFLECTOR  
DISCHARGE CASE COMBINATION BRG. HIGH LEAD BRZ.

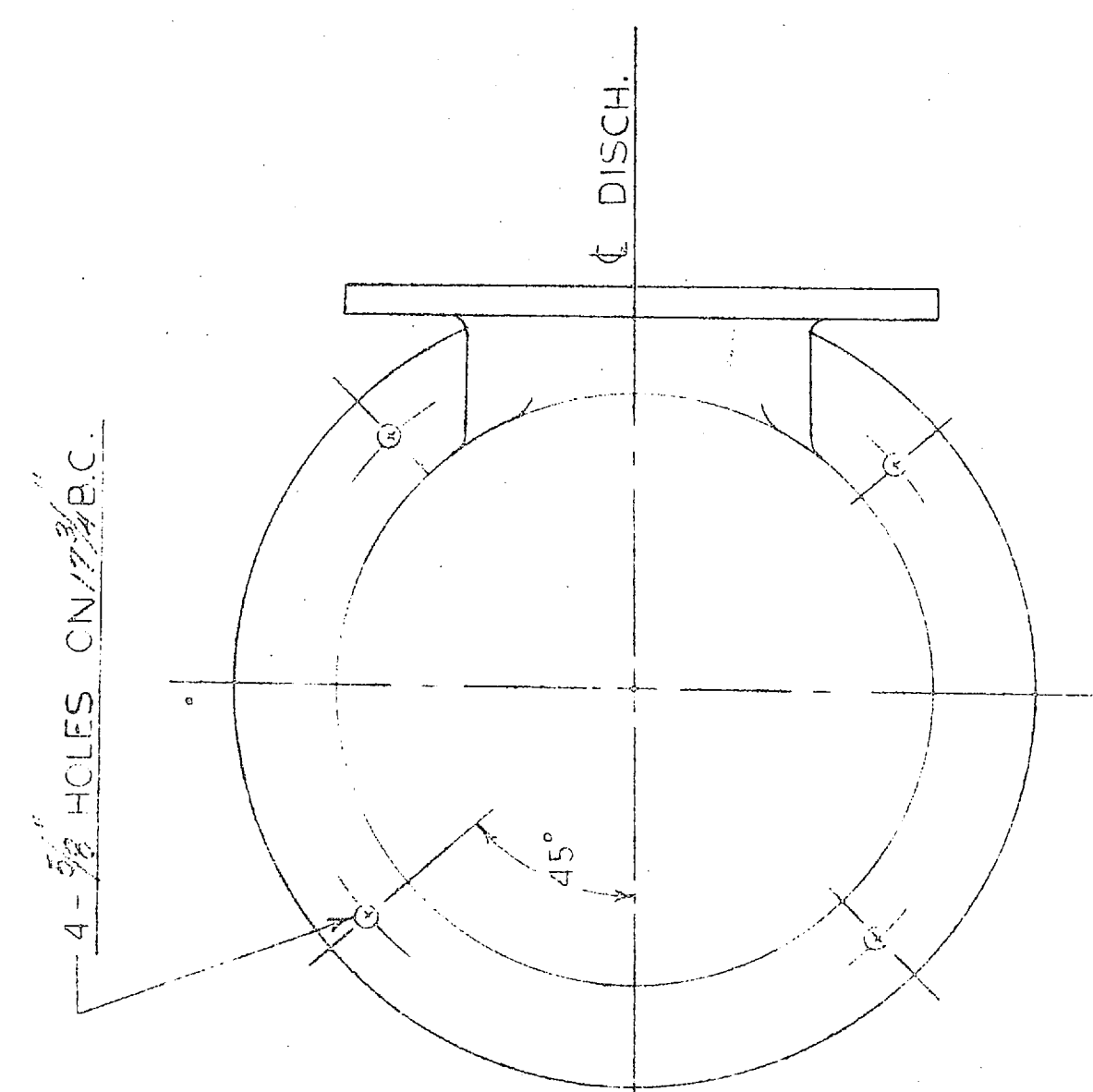
INTERMEDIATE BOWL  
INTERMEDIATE BOWL BEARING - HIGH LEAD BRZ.  
INTERMEDIATE BOWL BEARING - RUBBER

IMPELLER - CAST IRON VIT.  
IMPELLER LOCK COLLET - STEEL  
IMPELLER SEAL RING - ALUM. BRZ.

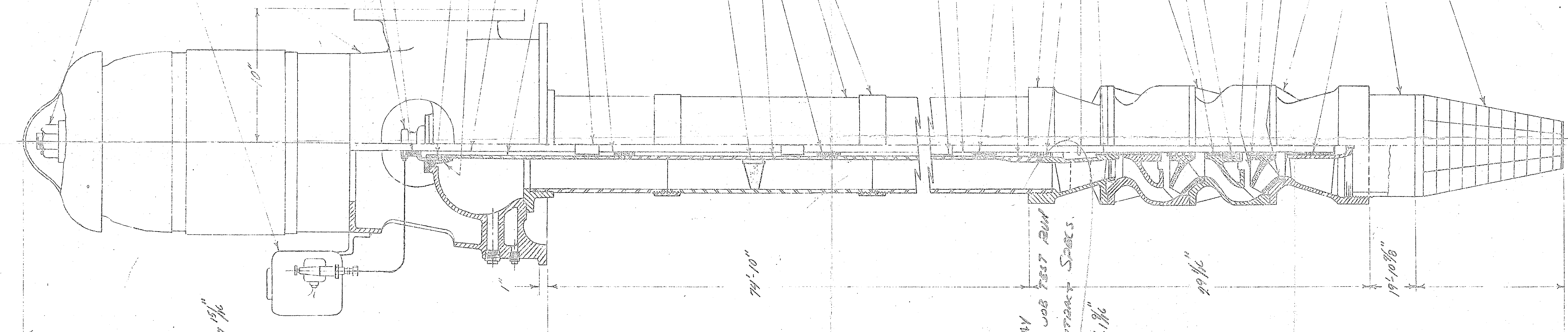
SUCTION CASE - CAST IRON  
SUCTION CASE BEARING - HIGH LEAD BRZ.

SUCTION PIPE - STEEL

STRAINER - GALV. STEEL



DISCHARGE HEAD  
PLAN VIEW



74'-10"

98'-1 1/2"

22 1/2"

19'-10 3/8"

As noted

# 34436

DEALER - T.A. LOVING COMPANY  
PO # 874  
JOHNSTON S.O. SERIAL NO. JP-3892-93

SETTING DEPTH MAY  
BE CHANGED AFTER JOB TEST RUN  
SEE P. 16.1 CONTRACT SPECS.

PUMP PERFORMANCE  
200 US GPM.  
84 FT. TOTAL HEAD  
LIQUID - WATER  
1.0 SPECIFIC GRAVITY

THIS PRINT CERTIFIED  
CORRECT BY  
JOHNSTON PUMP COMPANY  
A DIVISION OF THE YOUNGSTOWN  
STEEL INDUSTRIES COMPANY  
For [Signature]

SECTIONAL ILLUSTRATION - VERTICAL TURBINE PUMP - 4 STAGE PAC				PART NUMBER	
SCALE	NONE		DATE	MATERIAL	
DRAWN	JUE		DATE	6-13-59	
CHECKED	ST		DATE	8-14-59	
APPROVED	[Signature]		DATE	4-18-59	
JOHNSTON PUMPS PARADISE 2, CALIF., U. S. A.					



### SOURCE INFORMATION GROUND WATER

Date Form Completed

M	M	D	D	Y	Y

0
4
6
7
0
4
1

PWSID

Owner Assigned Source Code

Well Name (If purchase, name of system)

Code

G=Ground  
W=Purchase/G  
Y=G w/direct influence  
Z=W w/direct influence

If Purchase, seller ID#

Source Begin Date

Source exempt— SWTR?  Y  N

Direct Influence Date

Availability

P=Permanent  
E=Emergency  
S=Seasonal  
I=Interim  
O=Other

Location of well within the system (If purchase, location of master meter)

T/B ABANDONED

Latitude (N)

Longitude (W)

How Determined

GPS Data

No. of Sats. Locked on

Deg. Min. Sec.     
Deg. Min. Sec.

G=GPS  
 M=Map  
 S=Surveyed

Q.# or DOP #

(If purchase, use seller's primary source lat/long)

Vulnerable (VOCs)  Y  N

Assessment Date

### ENTRY POINT INFORMATION

Use Code

Availability

Owner Assigned Entry Point Code

Entry Point Name

C=Ground/Permanent  
 D=Ground/non-permanent

P=Year-round  
 E=Emergency  
 S=Seasonal  
 I=Interim  
 O=Other

Location:

Well Site: Owned or controlled? (Y,N) Control Area (100' radius)? (Y,N) If no, explain:

Sources of pollution/distance:

Surface water within 200'?  Y  N If yes, actual distance   feet If yes, bact. samples collected? (Y,N)

Adequate slope? (Y,N) Flooding? (Y,N) Maintenance:

Well House: Free of stored materials? (Y,N) Properly drained? (Y,N) Locked? (Y,N)

Condition of house: Type of freeze protection:

Well: Diameter: 8" Type: GRAVEL PACK Yield (gpm): 154 Properly sealed? (Y,N)

Properly vented? (Y,N) Casing depth  ft. (If unknown, put 'UNK') Well depth: 225' Meter available?  (Y,N)

Concrete slab adequate? (Y,N) If no, explain: Size:

Size of blow-off: 4" (Y) Sample tap: Before treatment? (Y,N) After treatment? (Y,N)

Pumps: Capacity: GPM: 200 HP: 7.5 Pump intake depth: 70 Auxiliary Power?  (Y,N)

Type pump: VERTICAL TURBINE Height above floor (pump/casing): 12"

Storage at well site: Elev:     Hydro:     Ground:

If hydroautomatic, air volume control? (Y,N) Safety valves? (Y,N) Coded? (Y,N)

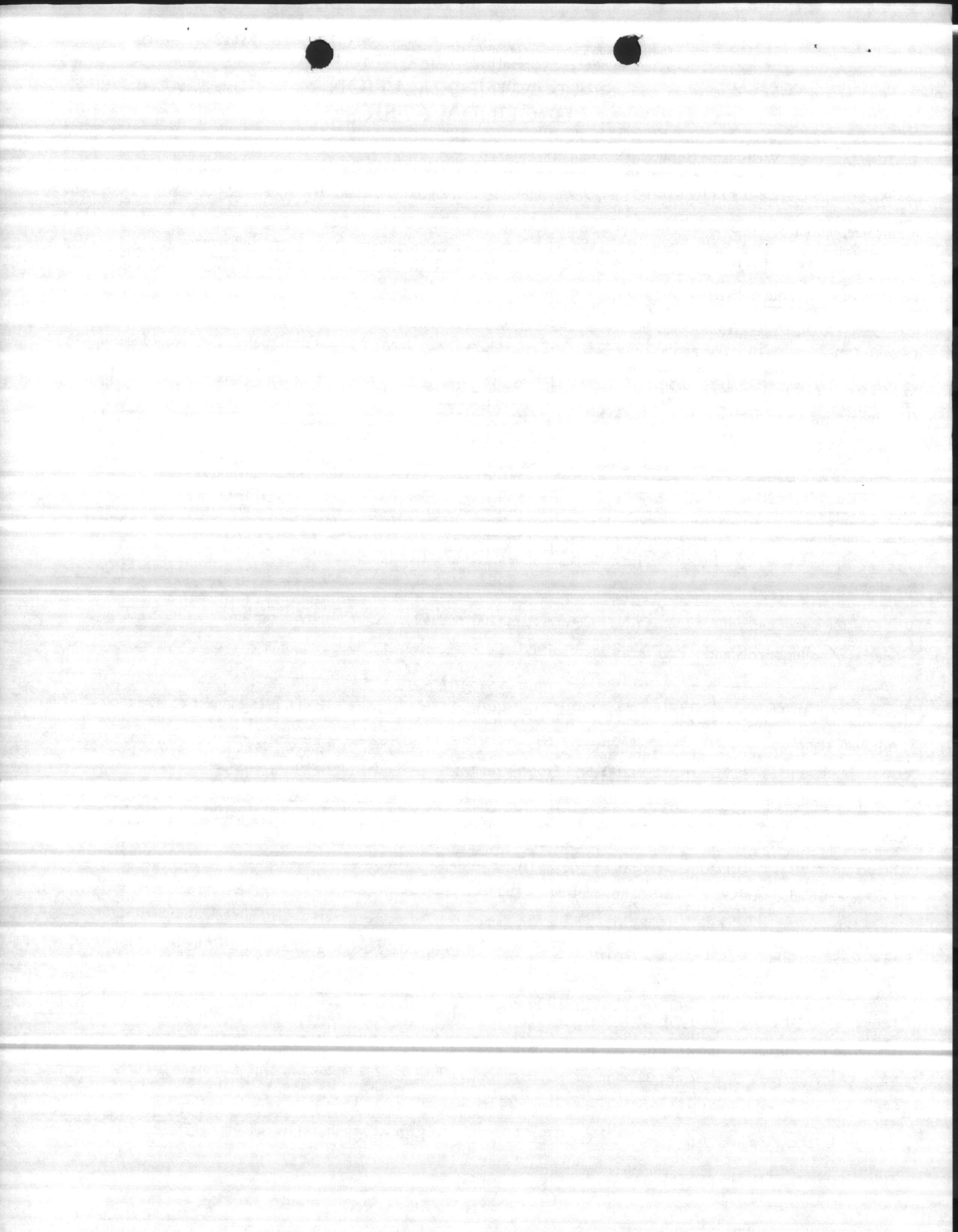
High service pumps: 1.     gpm     hp 2.     gpm     hp 3.     gpm     hp Auxiliary Power? (Y,N)

Is the water treated at this well?  Y  N If yes, complete back of form.

If other wells are treated here, which ones? If treated elsewhere, where: HP 20 PLANT

If purchase, retreat?  Y  N If yes, complete back of form.

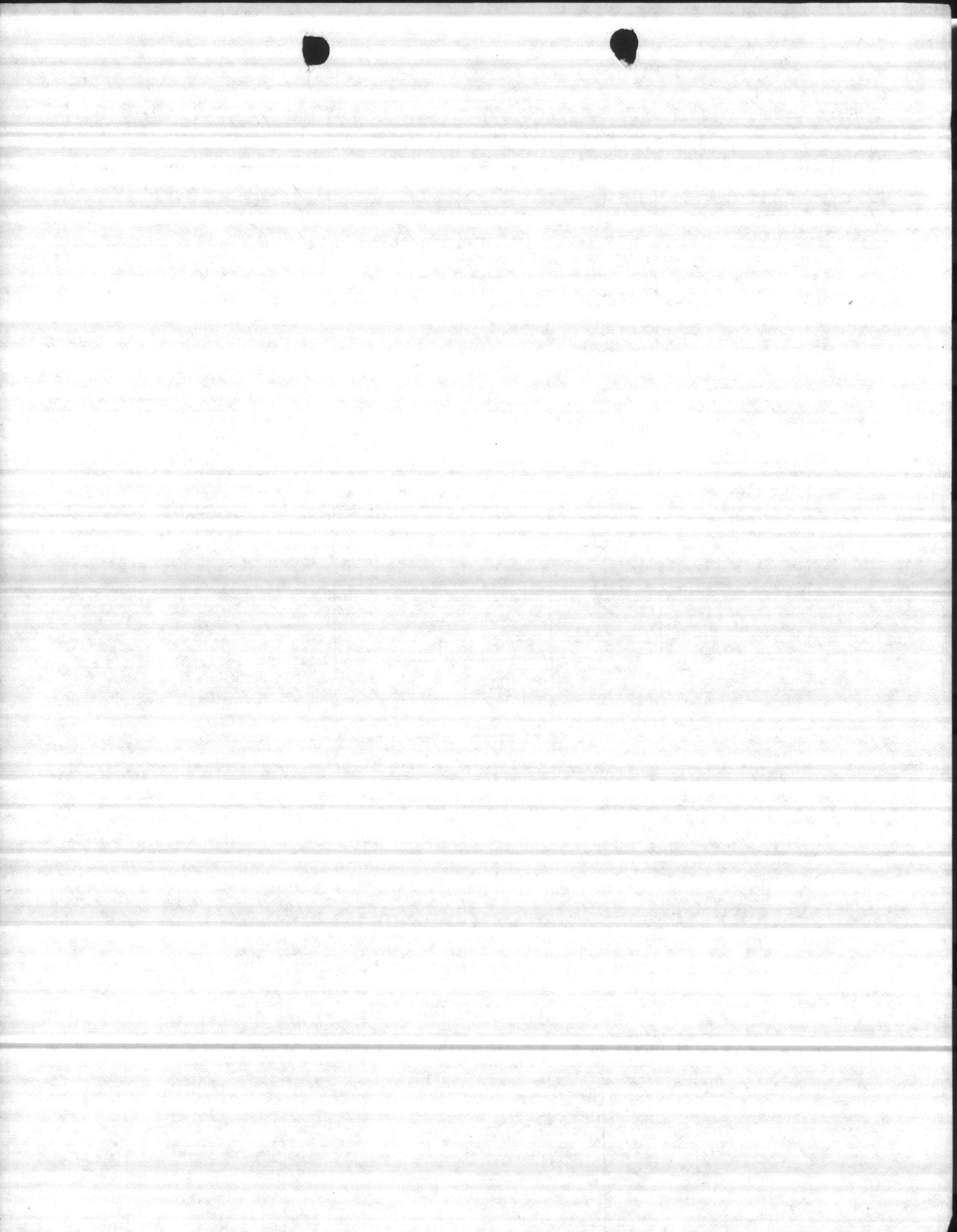




WELL NUMBER 636		BY THOMAS STEVENSON			DATE 11-16-93	
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
70'	13	35	22	16	108	
		44	31	10	128	
Exp net		49	36	5	154	

REMARKS Dead head 35 PSI  
repacked pump

ANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE





WELL NUMBER	636	BY	DATE	5-12-92		
AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
70	20	40	22	24	100	
		45	25	20	111	
left set @ →		60	40	14	140	

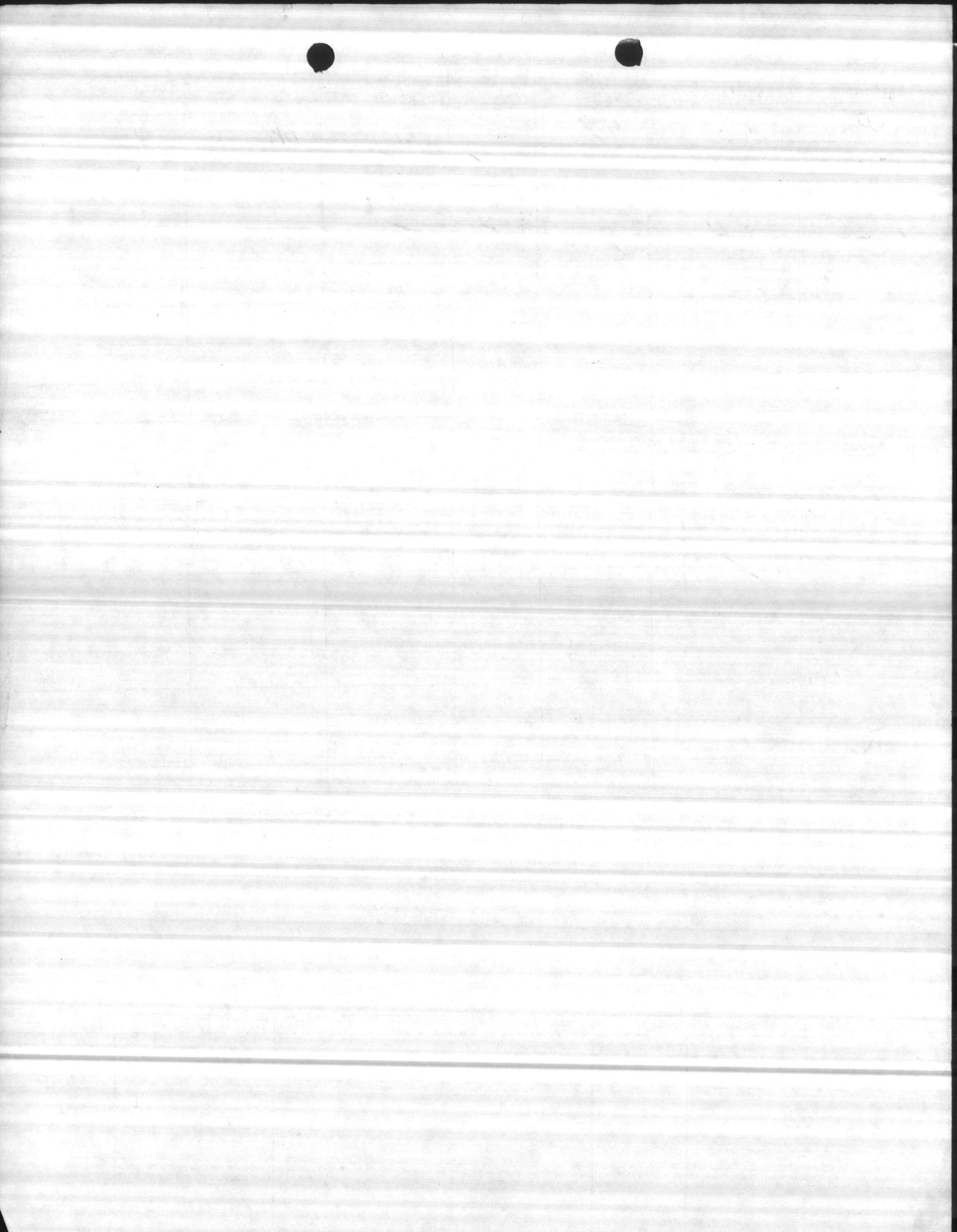
REMARKS Seal head @ 40 PSI  
left set @ 14 PSI 140 GPM

MANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE
elect motor U.S. ELECT AV 10 PJ		7.5 HP 1740 RPM 230/460	20.4/10.2	

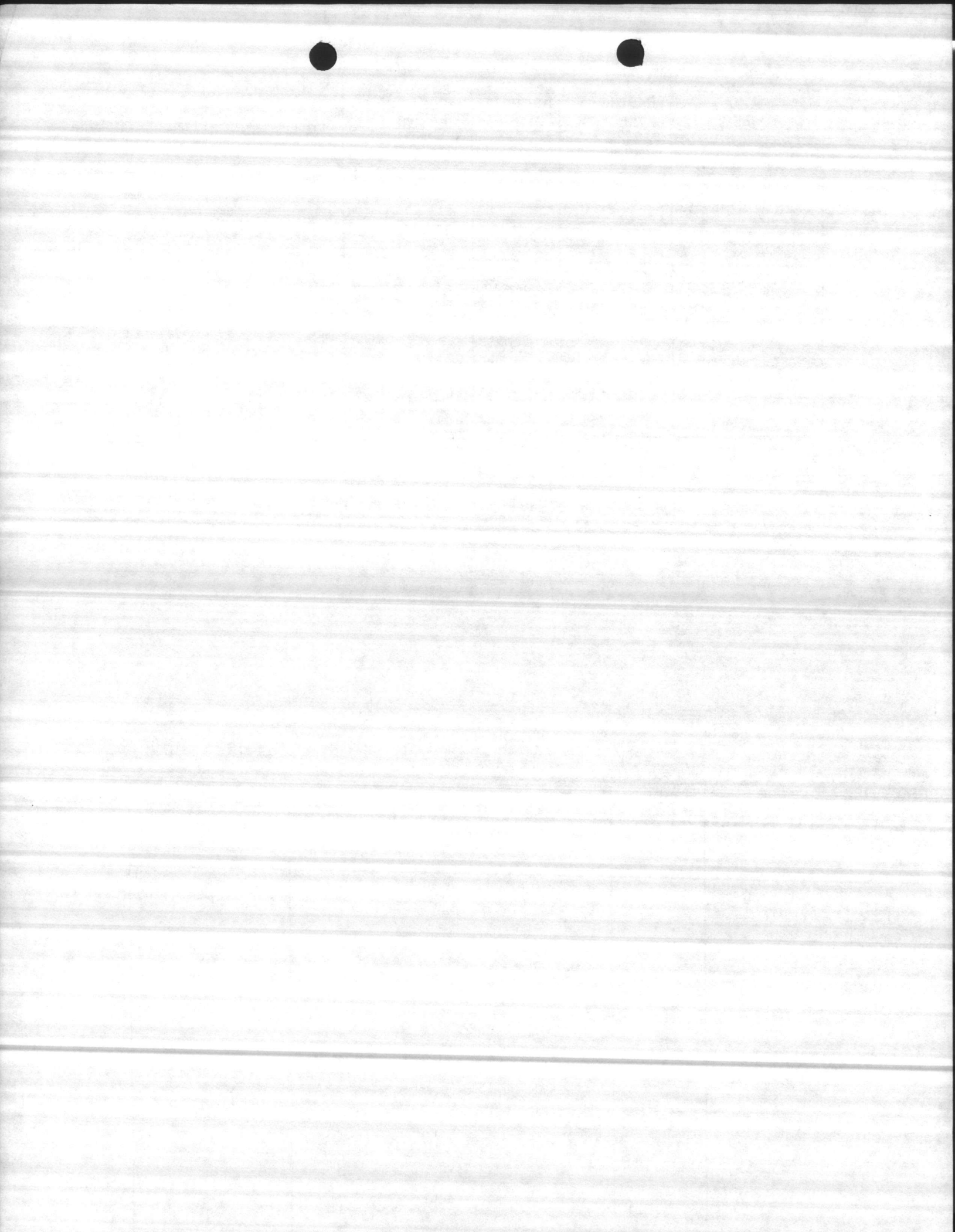














636

6-19-87

A/L	S/L	P/L	D/D	GPM	PSI	Time
70	20	35	15	108	50	1305
		42	22	128	47	1315
		48	28	154	40	1328
		53	33	180	34	1339
Left net @		58	38	207	29	1410

636      6-19-87      *ref*

P/S 70

A/L 70

S/L 20

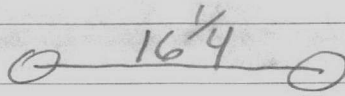
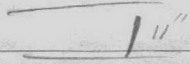
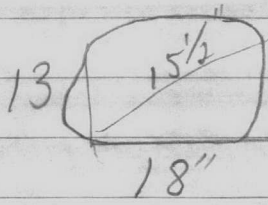
P/L 58

D/D 38

PSI 29

GPM 207

70  
18  
52



636

6-19-87

*ref*

P/S 70

A/L 70

S/L 20

P/L 58

D/O 38

PST 27

GPM 207

70  
18  

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52



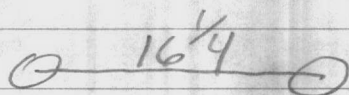
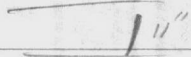
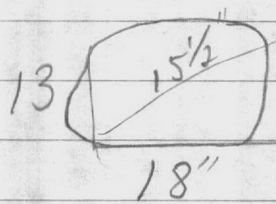


636

6-19-87

A/L	S/L	P/L	O/D	GPM	PSI	Time
70	20	35	15	108	50	1305
		42	22	128	47	1315
		48	28	154	40	1328
		53	33	180	34	1339
Left out @		58	38	207	27	1410

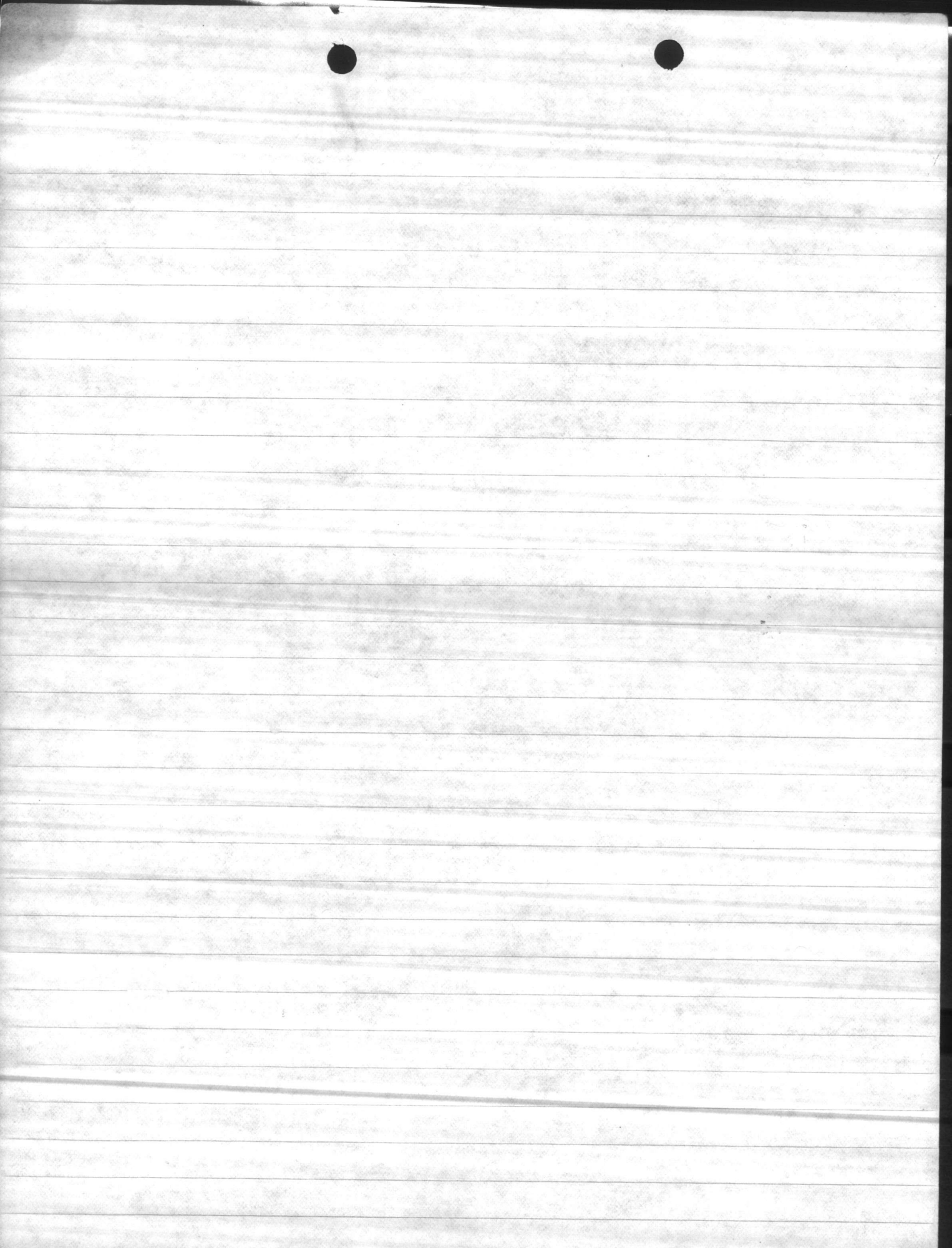
Pump dead head at 60 PSI  
 installed new pump Valley





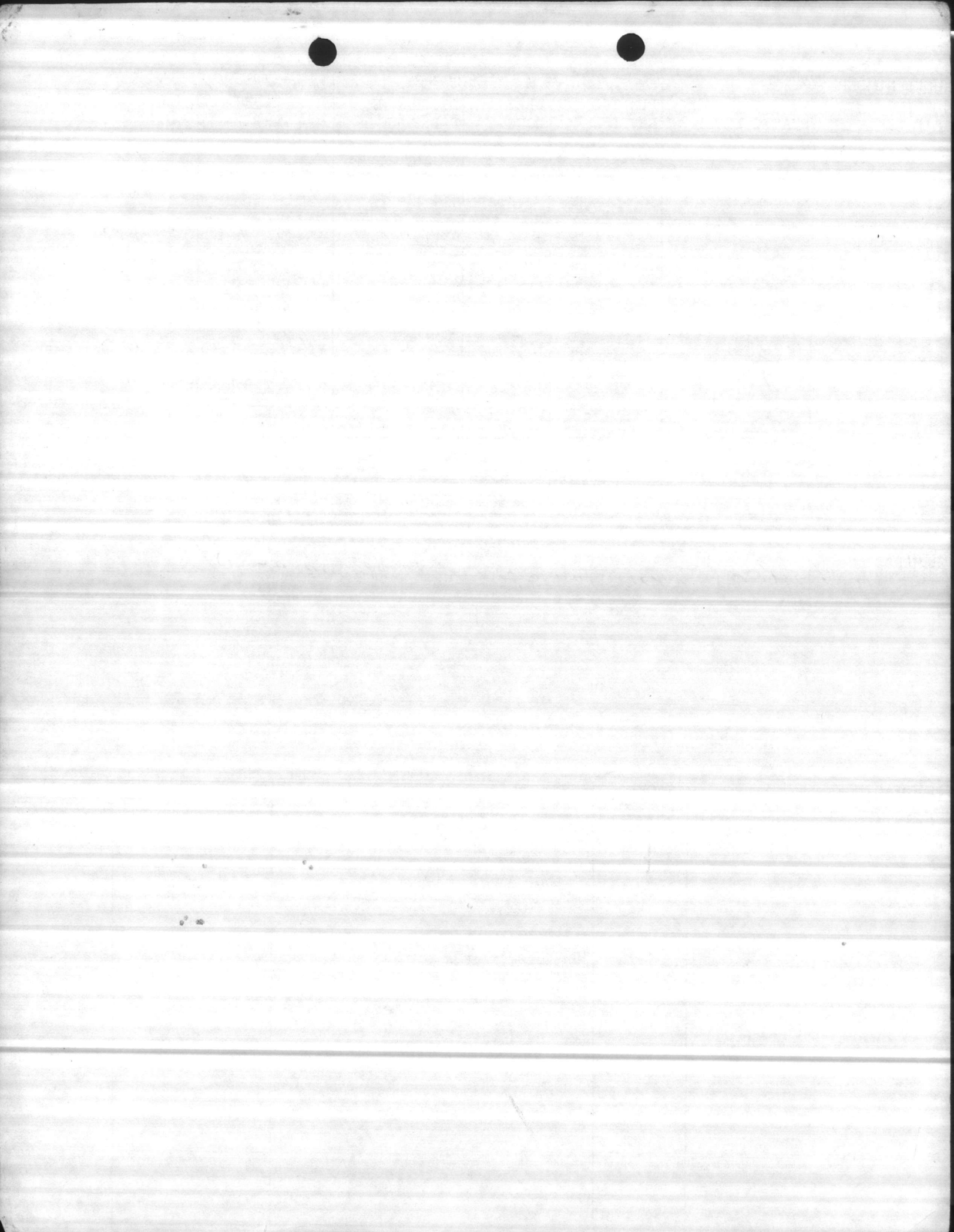
HP 636  
9-6-85

A/L	SL	PL	OD	PSI	CPM	TIME
23	18	39	21	112	100	15
		42	24	10	108	15
		43	25	7	117	15
		48	30	4	119	15









636

LENGTH  
OF  
AIR LINE

STATIC  
LEVEL

PUMPING  
LEVEL

DRAW  
DOWN

DISCHARGE  
PRESSURE

CAP. PER  
FOOT  
DIA. <sup>1/2</sup> 1/2

TOTAL  
CAP.

17-8-82

173

16

31

15

27 <sup>LB</sup>

start time  
90 <sup>4/2</sup>

0940

0950

38

22

24

177

1000

45

39

20

146

1013

52

46

17

170

1025

59

51

13

187

1037

61

56

10

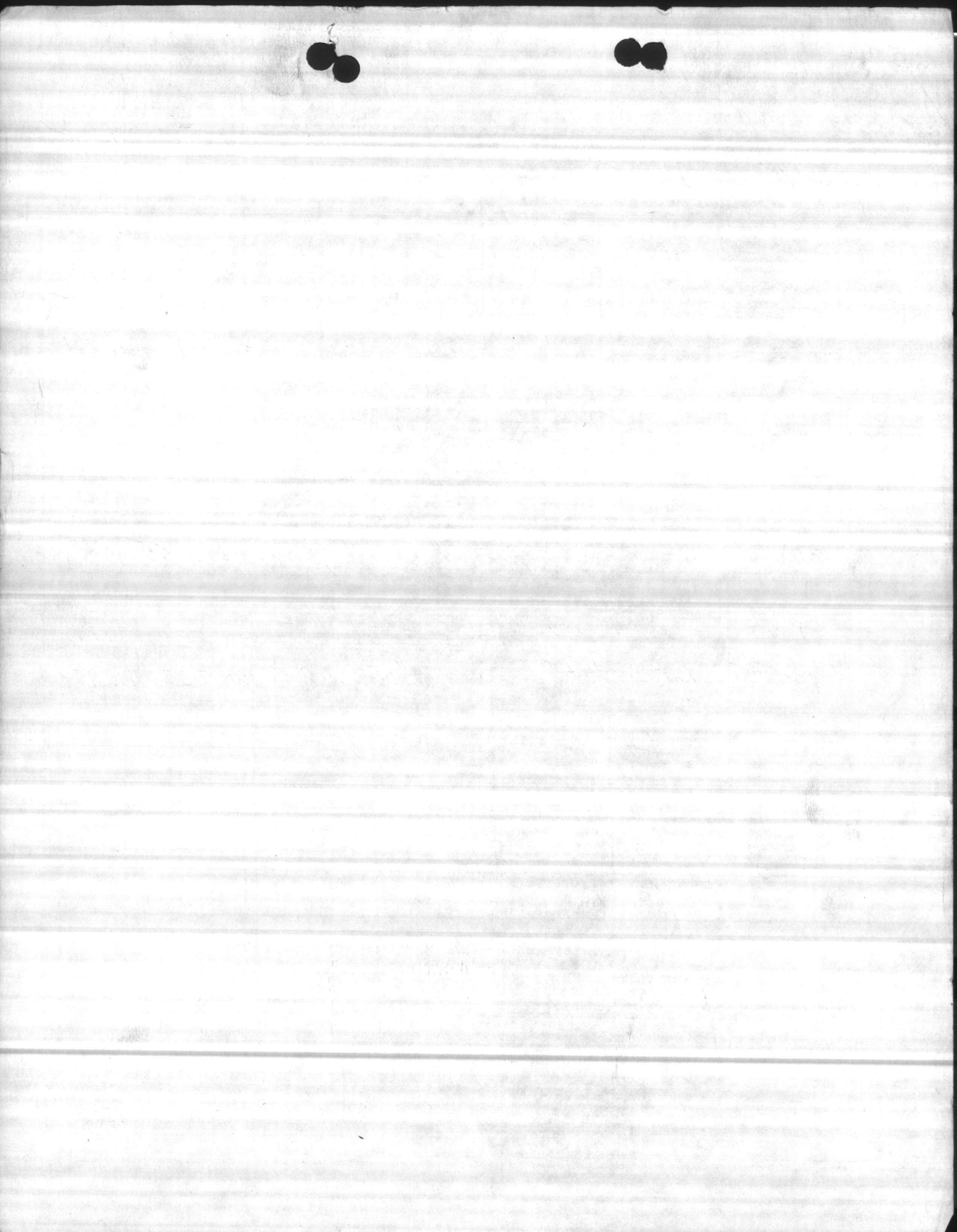
205

1048

REMARKS:

set at 10 PSI 205 GPM P/L 61 0/0 55

Pump Fairbanks Morse 3 stage 200 GPM  
T.D.H. 85 RPM 1745 imp dia 5.40 SN T352113958





WELL #

636

LENGTH OF AIR LINE

STATIC LEVEL

PUMPING LEVEL

DRAW DOWN

DISCHARGE PRESSURE

CAP. PER FOOT OF DRAW DOWN

TOTAL CAP.

DATE

3/30/77

93' 7"

14

1"

12

1"

10

1"

8

1.5"

6

2"

2-13-80

65'

8'

122

68'

5

128

66

10

115

REMARKS:

COULD NOT GET R/L WOULD NOT HOLD WHEN PUMP UP POSSIBLE BROKEN AIR LINE OR OVER PUMPING

DEPTH OF

WELL:

227'

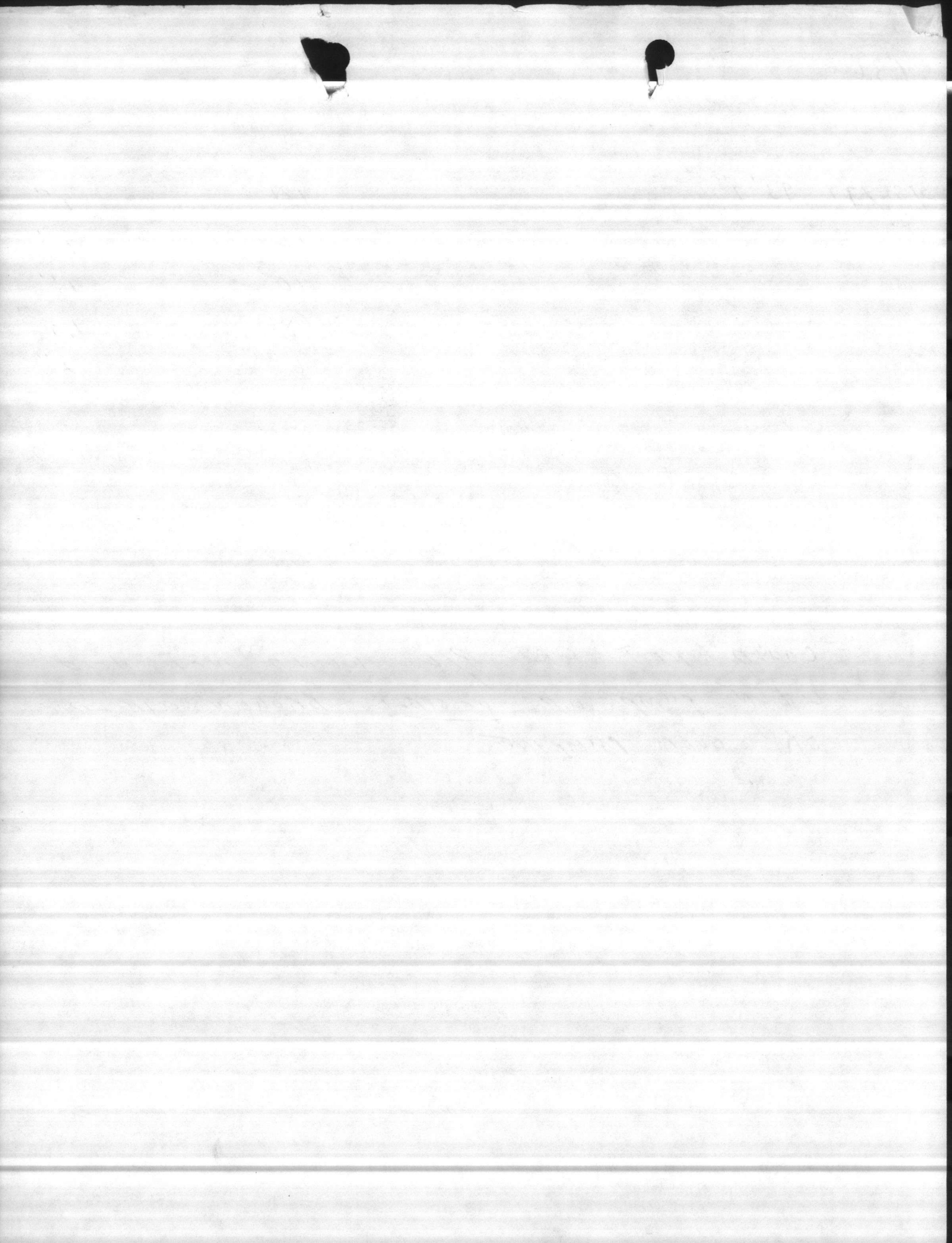
AIRLINE

ELEVATION:

+

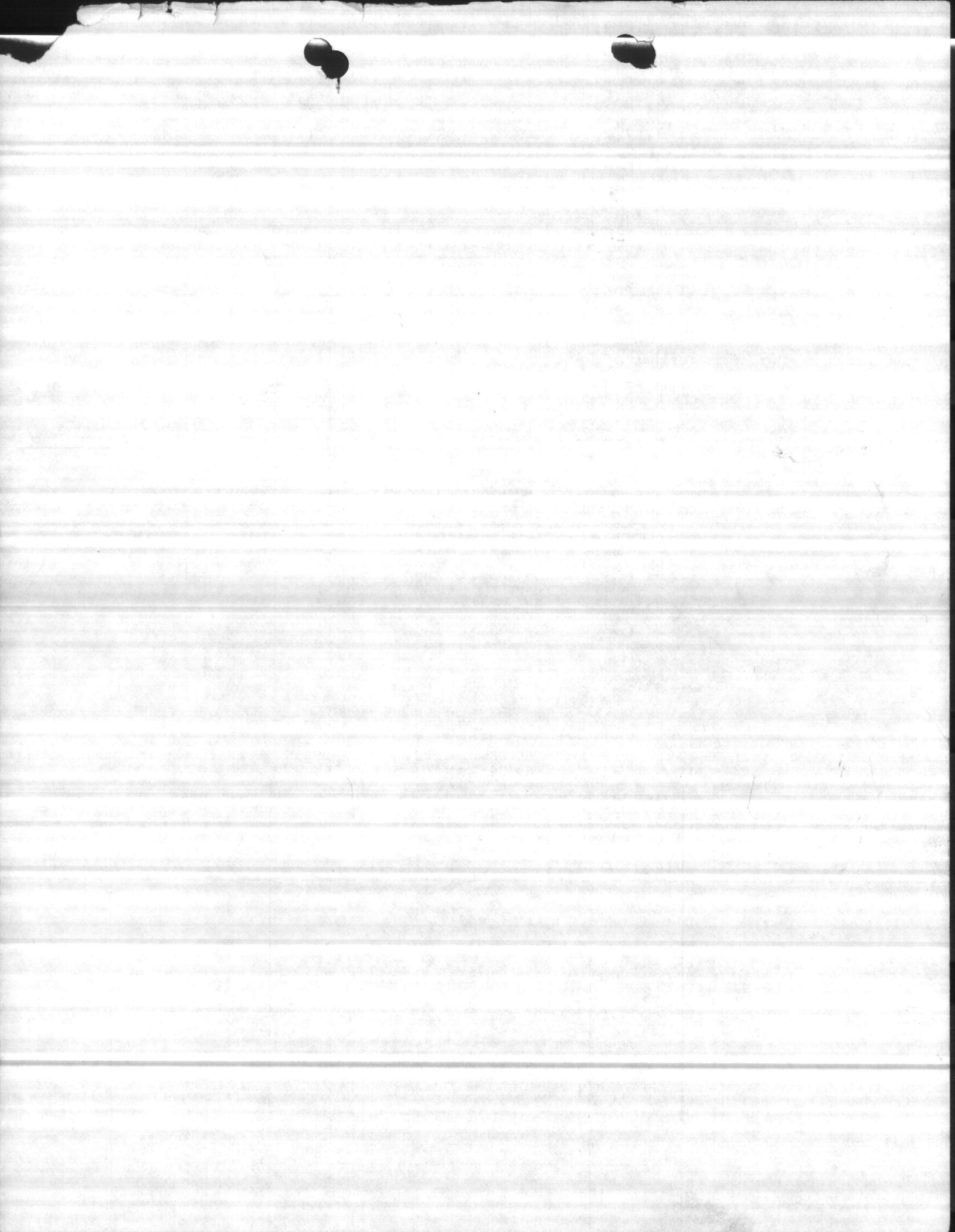
DATE

INSTALLED:



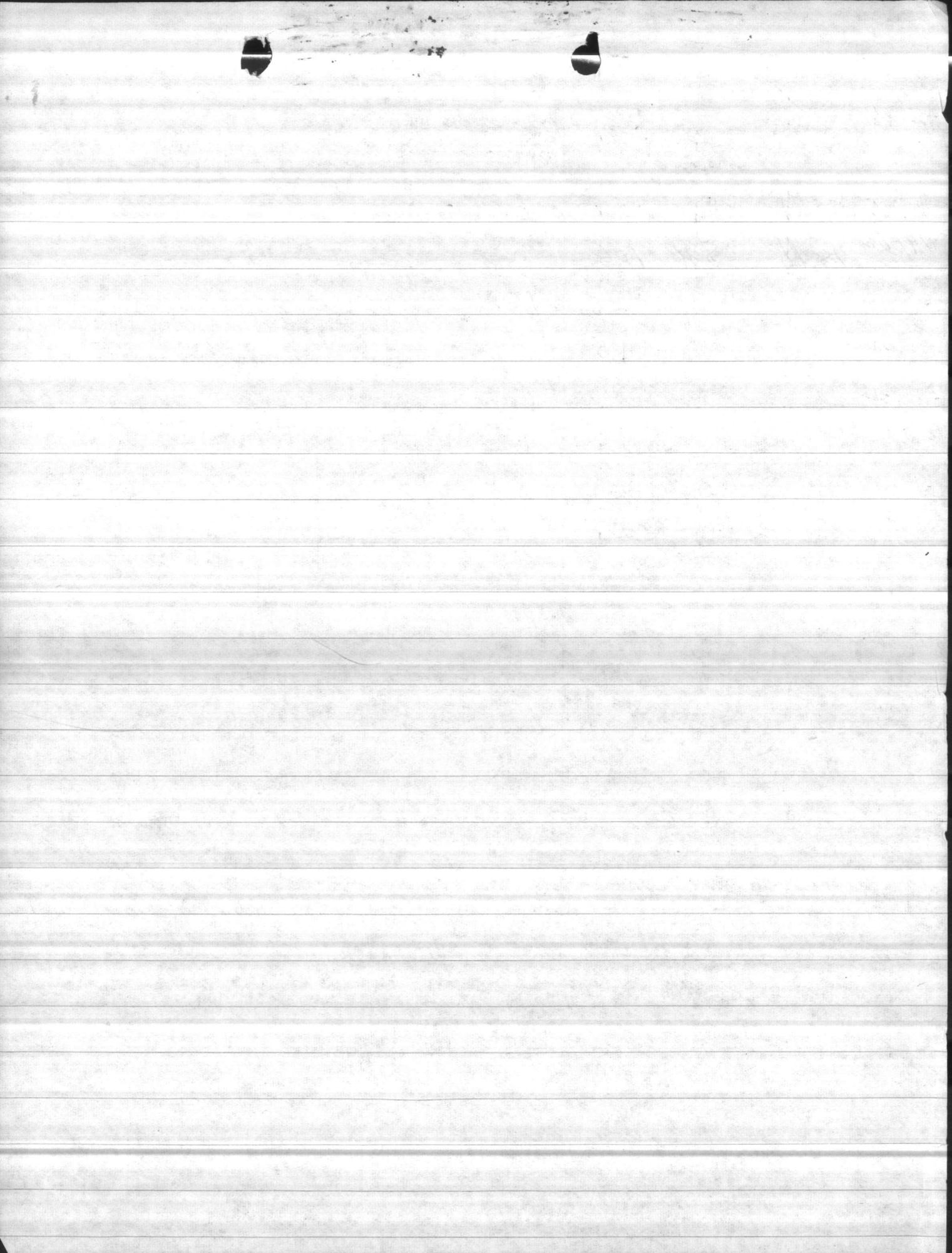






#	Stake	DD Depth	G.P.M	DIS PRESS	DEAD HEAD
#262					
#36	78 ft.	68 ft	104	0	38
4/9/62	78 ft	68 ft	106	0	
6-4-62			125	10 LB	
6-4-62			145	0	
6-4-62			135	5 LB	
6-11-62		63	145	0	
6-11-62		60	140	0	
6-11-62		60	128	8 LB	
7-20-62		40	143	5	
"		40	150	11	
"		38	159	12	

WELL CLEANED BY HENDERSON 6-25-63

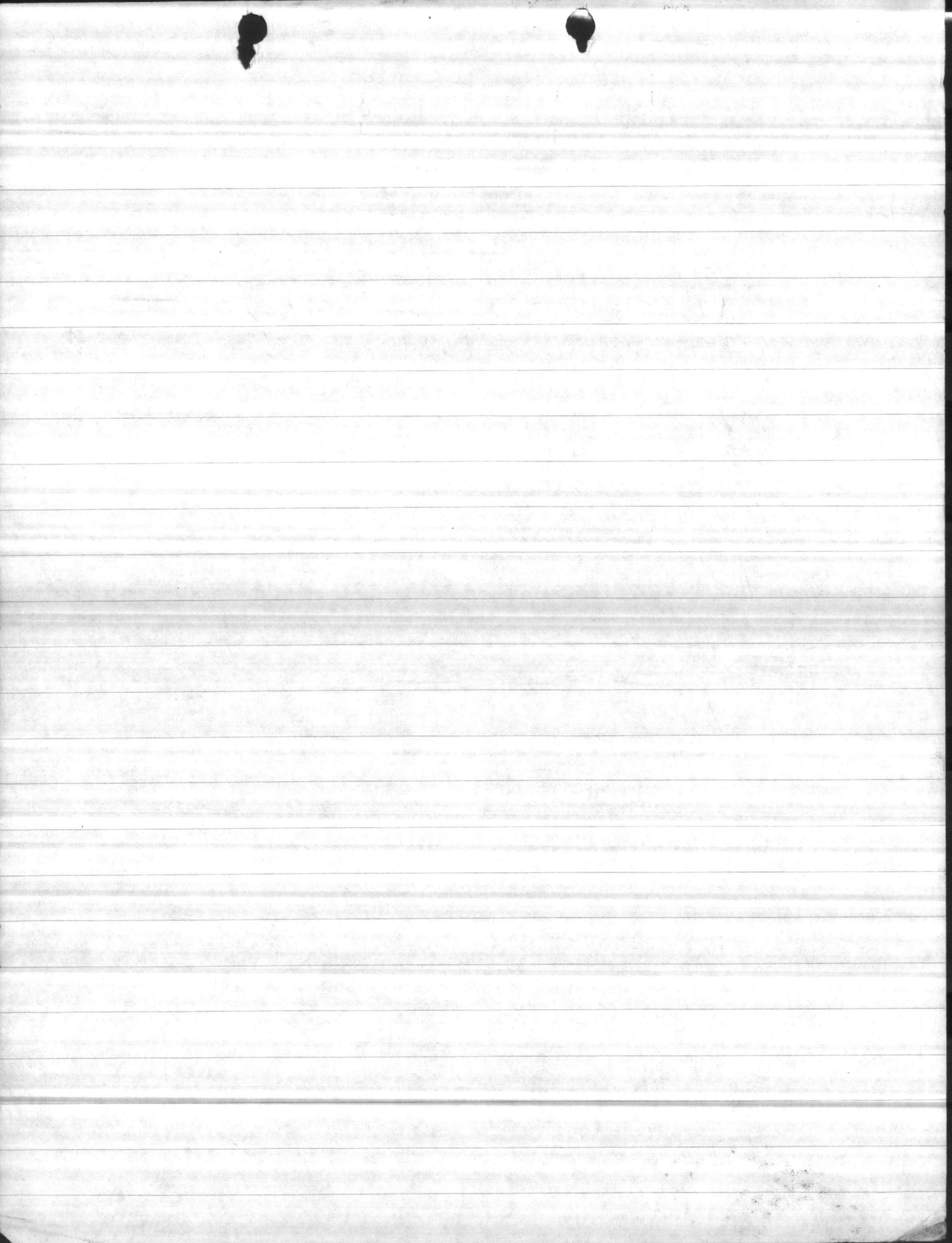




June 24, 1963

Pump cleaned by Henderson - 6-20-1963

Well #	Pressure	DD	Static	G.P.M.	
36	11 lb	54 ft.	80 ft.	216	<del>120</del> <del>48</del> 72
	8 lb	52 ft.	80 ft.	230	
	5 lb	50 ft.		242	
	14 lb	55 ft.		197	
	16 lb	57 ft.		187	
17					



-12-66

CARD SAYS  
D.D. 50 ft.  
Static - 80 ft  
Static - 64

#36 WELL

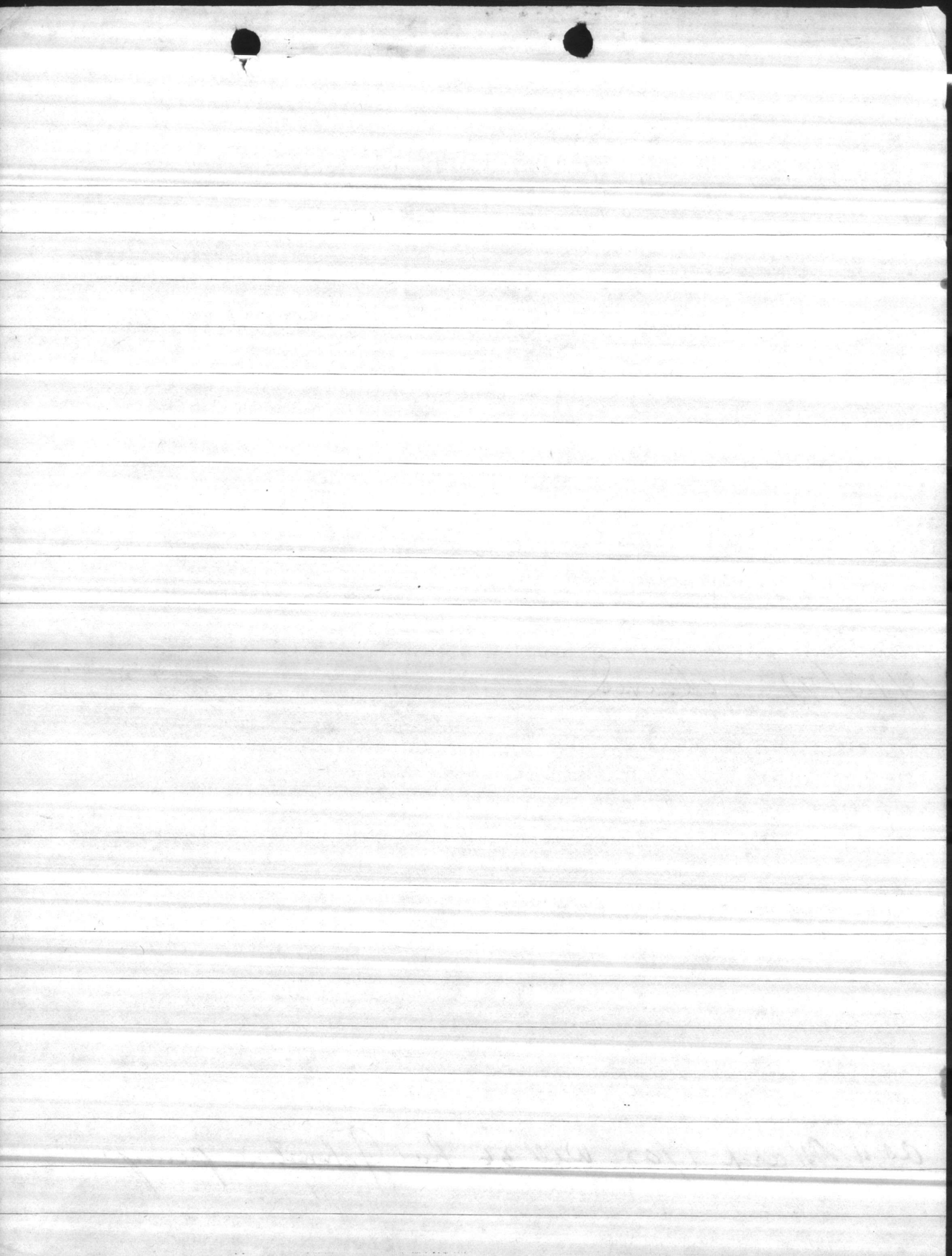
Dis ch PRE	DRAW DOWN	STATIC	G.P.M.
10 lbs.	5' 7"	64 ft.	<sup>3 inches</sup> Less than 100
6 LBS <sup>wide</sup> OPEN	5' 7"		SAME - Less than 100
13 LBS.	5' 7"		Less than 100
20 LBS	5' 7"		" " "

10/20/66

DATE	STATIC	G.P.M.	AIR LINE
10/20/66	58'	159	LP
8/11/69	58'	133	93.7
10/18/71	cleaned		

as of March 1/67 well 36 has Johnston pump





U.S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
OFFICE OF WATER DATA COORDINATION  
INVENTORY OF HYDROLOGIC DATA STATIONS  
QUALITY OF WATER

APPROVED.  
Budget Bureau No. 42-R1485  
Approval Expires June 30, 1966

1. AGENCY CODE <b>MC</b>	2. TYPE <b>Q</b>	3. LATITUDE ° ' " N <b>34 41 17</b>	4. LONGITUDE ° ' " W <b>77 19 33</b>	5.
6. AGENCY STATION NO. <b>636</b>		7. STATION NAME <b>HP20-636</b>		
8. DRAINAGE BASIN CODE No. Letter <b>06 N</b>		9. STATE CODE <b>32</b>	10. COUNTY CODE <b>133</b>	11. COUNTY NAME <b>ONSLOW</b>
12. PERIOD OF RECORD Began Discontinued <b>1959</b>		13. <input type="checkbox"/> Continuous <input type="checkbox"/> Interruption Exceeds 1 Year		14.
15. SITE				
<input type="checkbox"/> 101 Stream <input type="checkbox"/> 102 Canal		<input type="checkbox"/> 103 Lake <input type="checkbox"/> 104 Reservoir <input type="checkbox"/> 105 Estuary		<input type="checkbox"/> 106 Spring <input checked="" type="checkbox"/> 107 Well <input type="checkbox"/> 110 Other
16. FREQUENCY OF MEASUREMENT				
<input type="checkbox"/> 201 Continuous Recorder <input type="checkbox"/> 202 Telemetered		<input type="checkbox"/> 203 Daily <input type="checkbox"/> 204 Weekly <input type="checkbox"/> 205 Monthly <input type="checkbox"/> 206 Quarterly		<input type="checkbox"/> 207 Seasonal <input type="checkbox"/> 208 Annual <input type="checkbox"/> 209 Other Periodic <input checked="" type="checkbox"/> 210 Occasional
17. TYPES OF DATA AVAILABLE				
Physical		Chemical		Organic
<input type="checkbox"/> 311 Temperature <input type="checkbox"/> 312 Specific Conductance <input type="checkbox"/> 313 Turbidity <input type="checkbox"/> 314 Color <input type="checkbox"/> 315 Odor <input type="checkbox"/> 316 Radioactivity <input type="checkbox"/> 317 pH (field) <input checked="" type="checkbox"/> 318 pH (lab) <input type="checkbox"/> 319 Eh <input type="checkbox"/> 320 Other		<input type="checkbox"/> 331 Dissolved solids <input checked="" type="checkbox"/> 332 Chlorides Only <input type="checkbox"/> 333 Nutrients (Nitrogen and phosphorus compounds) <input type="checkbox"/> 334 Common ions <input checked="" type="checkbox"/> 335 Hardness <input type="checkbox"/> 336 Radiochemical <input type="checkbox"/> 337 Dissolved oxygen <input type="checkbox"/> 338 Other Gases <input type="checkbox"/> 339 Other		<input type="checkbox"/> 351 Pesticides (insecticides, herbicides, etc.) <input type="checkbox"/> 352 Synthetic detergents <input type="checkbox"/> 353 Other Biologic <input type="checkbox"/> 361 Coliforms <input type="checkbox"/> 362 Other Micro-organisms <input type="checkbox"/> 363 BOD <input type="checkbox"/> 364 Other Sediment <input type="checkbox"/> 371 Concentration <input type="checkbox"/> 372 Particle size <input type="checkbox"/> 373 Other
18. SUPPLEMENTARY DATA FOR SITE				
<input type="checkbox"/> 421 Surface Water Station <input type="checkbox"/> 422 Ground Water Station		<input type="checkbox"/> 423 Water Stage or Level <input checked="" type="checkbox"/> 424 Water discharge		<input type="checkbox"/> 425 Time of Travel <input type="checkbox"/> 426 Drainage Area
19. STORAGE OF DATA				
<input type="checkbox"/> 501 Periodic Report <input type="checkbox"/> 502 Areal Report		<input checked="" type="checkbox"/> 503 Not Published <input type="checkbox"/> 504 Data on Punchcard		<input type="checkbox"/> 505 Data on Magnetic Tape <input type="checkbox"/> 506 Other
20. OFFICE AT WHICH DATA AVAILABLE				
Office <u>BASE MAINTENANCE DEPARTMENT, UTILITIES DIVISION</u>				
Street No. <u>MARINE CORPS BASE</u>				City Code
City, State, Zip <u>CAMP LEJEUNE, N. C. 28512</u>				<u>0735</u>
21. OFFICE COMPLETING FORM				
<u>BASE MAINTENANCE DEPARTMENT</u>				
22. COMPILER'S NAME			23. DATE	
<u>F. E. TEW, JR.</u>			Month <u>09</u>	Year <u>1966</u>



10/10

10/10

8

10/10



Date	TIME	GPM.	DRAWDOWN	PUMPING LEVEL	REMARKS
10-22-59	11:30 A.M.	75	started		
	11:45	75	9 feet	22 feet	All depths relate to ground elevation
	12:00	75	9	22	
	12:15	75	9	22	Static level was 13 feet below ground level before start of test.
	12:30	75	9	22	
	1:00	75	9	22	
	1:30	75	9	22	
	2:00	75	9	22	
	2:30	75	9	22	
	2:45	115	12	25	
	3:00	115	13	26	
	3:15	115	13	26	
	3:45	115	13	26	
	4:15	115	13	26	
	4:45	115	13	26	
	5:15	115	13	26	
	5:30	155	16	29	
	5:45	155	17	30	
	6:00	155	17	30	
	6:30	155	17	30	
	7:00	155	17' 6"	30' 6"	
	7:30	155	18	31	
	8:00	155	18	31	
	8:30	155	18	31	
	8:45	195	23	36	
	9:00	195	23	36	
	9:15	195	23	36	
	9:30	195	23	36	
	10:00	195	23	36	
	10:15	240	27	40	
	10:30	240	27	40	
	11:00	240	27	40	
	11:30	240	28	41	
	12:30	240	28	41	
	1:30	240	29	42	
	2:30	240	29	42	
	3:00	240	29	42	
	4:30	240	29	42	
	5:30	240	30	43	
	6:30	240	30	43	
	7:30	240	30	43	
	8:30	240	30	43	
	9:30	240	30	43	
	10:30	240	30	43	
	11:30	240	30	43	
	12:30	250	31	44	
	1:30	250	31	44	
	2:30	250	31	44	
	3:30	250	31	44	
	4:30	250	31	44	
	5:30	250	31	44	
	6:30	250	31	44	
	7:30	250	31	44	
	8:30	250	31	44	
	9:30	250	31	44	
	10:30	250	31	44	
	11:30	250	31	44	

*Pump at 200 as shown on drawings.*

Static level returned to 18' within 20 minutes after test ended

Static level day after test was 9' and 6"

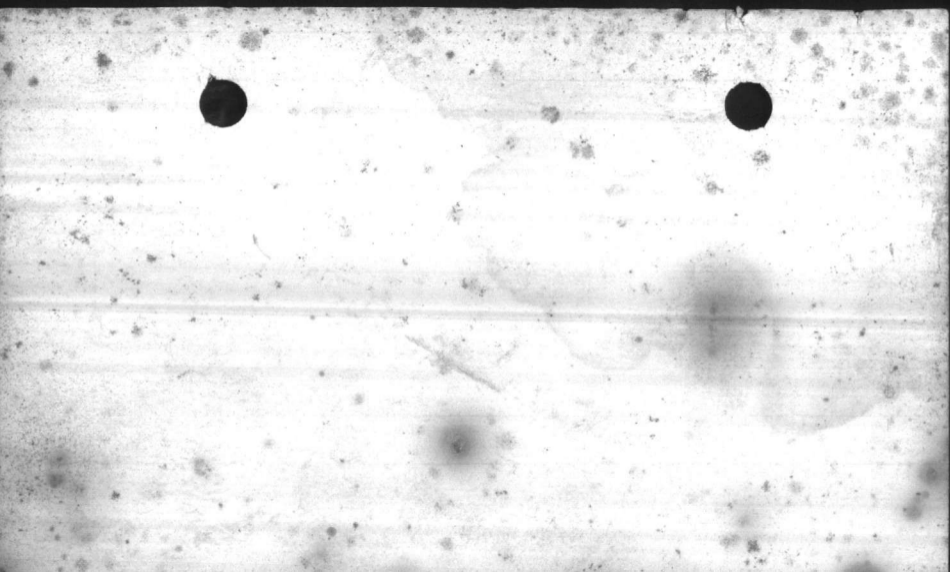
200 gpm



Well # 36

Pump Base Elev.	33'
Length of air line.	93.7'
Elev. of lower end of air line	-60.7'
Pumping Level	?
Discharge Pressure	8 #.
Gallons Per Minute	133





H.P. Well 636