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OPERATION
WORK ORDER #NAH-03695-22083F

WATER PLANT BLDG # 178.

RESERVIOR BLDG # IS LIKELY TO BE S.M. 179.

WELL HOUSES # Z-M-141. Z-1M-142. Z-2M-243.

Z-3M-244. Z-4M-627. Z-5M-628. Z-6M-168.

LUBERCATION	DATE OF LUBERCATION
HIGHLIFT PUMPS & MOTORS.	
GENERATORS & DESTRIBUTORS.	11-24-59.- 3-23-60.- 6- -8-12-60 = 3-8-61- 9-8-61
WELL PUMPS & MOTORS.	12-24-59.- 3-24-60.- 6- -8-12-60 = 3-8-61- 9-8-61
BUTTERFLY VALVES.	12-23-59.- 1-8-60.- 1-23-60.- 2-9-60.- 2-24-60.- 3-8-60.-
" "	3-24-60.- 4-7-60.- 4-25-60.- 5-9-60.- 5-26-60.- 6-7-60.- 8-12-60
CHANGED OIL IN CRANK CASE	11-24-59.- 6- -8-31-60 = 3-9-61 - 9-7-61 - 3-21-62
" " " " "	9-13-62 - 3-15-63 - 9-17-63 -
CHANGED OIL IN GEAR CASE.	11-24-59.- 12-, 11-24-60 - 11-27-61 - 11-26-62
BUTTERFLY VALVES.	9-2-60 - 9-19-60 - 10-10-60 - 10-27-60 - 11-11-60
" " "	11-25-60 - 12-6-60 - 12-21-60 - 1-4-61 - 1-25-61
" " "	2-3-61 2-27-61 - 3-9-61 - 3-23-61 - 4-13-61
" " "	5-1-61 - 7-19-61 - 8-10-61 - 8-25-61 - 9-8-61 - 9-19-61
" " "	10-9-61 - 10-24-61 - 11-10-61 - 11-27-61 - 12-12-61 - 12-29-61
" " "	1-18-62 - 1-30-62 - 2-14-62 - 2-26-62 - 3-9-62
" " "	3-26-62 - 4-10-62 - 4-24-62 - 5-7-62 - 5-29-62
" " "	6-10-62 - 6-25-62 - 7-6-62 - 7-26-62 - 8-7-62
" " "	8-27-62 - 9-10-62 - 9-26-62 - 10-9-62 - 10-25-62
" " "	11-9-62 - 11-23-62 - 12-11-62 - 12-24-62 - 1-10-63
" " "	1-25-63 - 2-11-63 - 2-25-63 - 3-12-63 - 3-22-63 - 4-9-63
" " "	4-24-63 - 5-9-63 - 5-27-63 - 6-11-63 - 6-25-63 - 7-10-63
" " "	7-23-63 - 8-6-63 - 8-23-63 - 9-9-63 - 9-20-63
" " "	10-2-63 - 10-21-63 - 11-8-63 - 11-26-63 - 12-11-63
" " "	12-27-63 - 1-10-64 - 1-22-64 - 2-7-64 - 2-20-64
" " "	3-9-64 - 3-23-64 - 4-8-64 - 4-24-64 - 5-11-64
" " "	5-25-64 - 6-9-64 - 6-26-64 - 7-8-64 - 7-23-64

D.D. & STATON Z. WELL.	D.D. & STATON Z-1. WELL.	D.D. & STATON Z-2. WELL.	D.D. & STATON Z-3. WELL.	D.D. & STATON Z-4. WELL.	D.D. & STATON Z-5. WELL.	D.D. & STATON Z-6. WELL.
	2-9-60, D.D 22".	2-5-60, STAT 40".	2-5-60 STAT, 42" 2-8-60. D.D. 9". 3-8-60. D.D. 8".	2-9-60. D.D. 11".	3-30-59. STAT. 5" 3-31-59. D.D. 24".	2-10-60. STAT, 16".
	2-23-60, Stat, 36".	2-11-60, D.D, 18".		2-17-60, STAT, 38".	OUT ON, 12-24-59.	OUT ON, 2-10-60
	3-15-60. D.D, 24".	3-22-60, D.D. 20".	3-15-60. STAT, 38"	3-23-60. D.D. 10"	ON. 4-25-60.	
	3-16-60. STAT, 36".	3-24-60 STAT, 36"	3-23-60. D.D. 8"	3-24-60. STAT, 36"		BACK ON 4-8-60
	4-5-60. D.D, 23".	4-5-60. D.D. 16"	4-5-60. STAT, 38"	4-6-60. D.D. 9"	4-26-60. STAT, 35'	4-8-60. STAT, 16"
	4-27-60 STAT, 34'.	4-19-60, STAT 38'	4-19-60. D.D. 9'	4-25-60. STAT 37'	OLD GAUGE 4-28-60. D.D. 30'	4-28-60, D.D. 20'
	5-5-60. D.D, 22'.	5-3-60. D.D, 27'	5-5-60, STAT, 42'	5-4-60. D.D. 6'	5-18-60. STAT, 35'.	5-2-60. D.D. 11'
	5-16-60. STAT, 36'.	5-17-60. STAT 40'	5-6-60, D.D, 9'	5-23-60 STAT, 36'.	5-23-60. D.D. 30'. NEW GAUGE.	5-3-STAT, 16'
	6-9-60. D.D. 28'.	6-9-60. D.D. 22'.	6-9-60. D.D. 4'. off 3 hrs	6-9-60 D.D. 7'.	6-8-60. D.D. 20'.	6-8-60. D.D. 16'.
	8-12-60. D.D. 30'.	8-12-60, D.D. 17'.	10-28-60 STAT 37½	6-14-60. STAT, 28'	8-12-60-D.D. 14'.	8-12-60-D.D 14'.
	9-1-60-D.D. 30	9-1-60-D.D. 16	11-11-60 D.D. 6 ft	8-8-60 STAT 31	9-1-60-D.D. 12	9-1-60-D.D. 15
	OUT ON 10-26-60	9-20-60 D.D. 10½ off 3 hrs	12-16-60 D.D. 8 ft	9-1-60-STAT 32	off 3 hrs 10-28-60-STAT. 38 ft	10-28-60 D.D. 20 ft
	ON 2-8-61	11-11-60 STAT 35 ft	1-5-61-D.D. 7 ft	OUT ON 8-29-60	11-11-60 D.D. 14 ft	11-11-60-D.D. 2 ft
	2-20-61 D.D. 11½ ft	12-16-60 D.D. 8½ ft	2-27-61 D.D. 7 ft	ON 2-28-61	12-16-60-D.D 17 ft	12-16-60 D.D 2 ft
	3-24-61-D.D. 11 ft	1-5-61-D.D. 7 ft	3-24-61-D.D. 6½ ft	8-17-61-D.D 5 ft	1-5-61-D.D. 13 ft	1-30-61-D.D 3 ft
	4-28-61-D.D. 13 ft off 4 hrs	1-30-61-D.D. 6 ft	4-28-61-D.D. 9½ ft	9-19-61-D.D. 6 ft	1-30-61-D.D 14½ ft	2-20-61 STAT 25 ft
	6-22-61 STAT 30½	2-20-61 D.D. 11 ft	6 ~~[illegible]~~	10-3-61-D.D. 7 ft	2-20-61 D.D. 18 ft	3-24-61-D.D. 1 ft
	7-14-61-D.D. 20 ft	3-24-61-D.D. 10 ft	6-22-61 D.D. 33 ft	11-28-61-D.D. 25½ ft	3-24-61-D.D. 16 ft	4-28-61-D.D 1 ft
	8-15-61-D.D. 19 ft	4-28-61-D.D. 13 ft off 4 hrs	7-14-61 STAT 37½ ft	12-7-61 STAT 28⅝ ft	4-28-61-D.D. 18½ ft off 4 hrs	off 4 hrs 6-22-61 STAT. 26 ft
	9-19-61-D.D 23 ft	6-22-61 STAT 34½	8-15-61-D.D. 7 ft	1-10-62-D.D. 6 ft	6-22-61 STAT 40 ft	8-15-61-D.D. 1½ ft
	10-3-61-D.D. 30 ft	8-14-61-STAT. 34½ ft	9-19-61-D.D. 8 ft	2-5-62-D.D. 5 ft	7-14-61-D.D. 11 ft	9-19-61-D.D. 10 ft
	OFF 10-16-61	9-19-61-D.D. 13 ft	10-3-61-D.D. 10 ft	3-8-62-D.D. 4 ft	8-14-61-STAT. 39 ft	10-3-61 D.D. 11 ft
	ON 11-29-61	10-3-61-D.D. 13½ ft	11-28-61-D.D. 5 ft	4-4-62-D.D. 12 ft	9-19-61 STAT, 39 ft	11-28-61-D.D. 14 ft
	11-29-61-STAT 30 ft	11-29-61-STAT 32 ft	12-6-61-STAT 34½ ft	5-7-62-D.D. 13 ft	10-3-61-D.D. 14 ft	12-8-61-STAT 23⅝ ft
	12-5-61-D.D. 10 ft	12-5-61-D.D. 10 ft	1-10-62-D.D. 7 ft		11-28-61 STAT 38½ ft	1-12-62-D.D. 13 ft
	1-10-62-D.D. 12 ft	1-10-62-D.D. 11 ft	2-5-62-D.D. 7 ft		12-6-61-D.D. 16 ft	2-5-62-D.D. 14½ ft
	2-5-62-D.D. 18 ft	2-5-62-D.D. 12 ft	3-8-62-D.D. 8 ft		1-10-62-D.D. 15 ft	3-8-62-D.D. 16 ft
	3-8-62-D.D. 24 ft	3-8-62-D.D. 13 ft	4-4-62-D.D. 10 ft		OFF 2-1-62 16 ft to water from P. Base	4-4-62-D.D. 17 ft
	4-4-62 D.D. 25 ft	4-4-62-D.D. 14 ft	5-7-62-STAT. 35 ft			5-7-62-STAT. 25 ft
	5-2-62 STAT 31 ft	5-7-62-D.D. 15 ft				

MEMO

from the desk of

LEN & MILLIE'S V-BAR
JACKSONVILLE, NO. CAROLINA
Color TV - Free Movies

- Best in Draught & Bottle Beer -
619 New Bridge St. Ph. 9535

Z-0- no place to take D-D-
Z-1- 24 ft. static - 36 ft.
Z-2- ——— static - 34 ft.
Z-3- D-D- 6 ft. - static - 34 ft.
Z-4- D-D- 7 ft. static - 33 ft.
Z-5- out of order
1-9-60
Z-6-
I haven't got the Reading
on #6 - This attitude gage
from #2 well.
I put you a repair book in place
at the Cocoa & drank
Whaley

MEMO

from the desk of

LEN & MILLIE'S V-BAR
JACKSONVILLE, NO. CAROLINA
Color TV - Free Movies

- Best in Draught & Bottle Beer -
619 New Bridge St. Ph. 9535

changed oil in crank case & gear case
1. Nov 24-59
1-4. " " "
1-6. " " "

WORK DONE AND CHANGES MADE ON SOFTENERS #1 AND #2

ON #2 UNIT THERE WAS NEW PACKING PUT IN #1 AND #3 POPPET VALVES ON THE 12-21-59.

ON #2 UNIT THERE WAS A NEW SPRING PUT ON #1 VALVE: ON THE 12-21-59.

#2 UNIT WAS SET ON 83.200 THIS, 10-19-59.

#1 UNIT WAS SET ON 83.200 THIS, 10-21-59

#2 UNIT WAS SET ON 76.800 THIS, 11-25-59.

THIS IS COUNTER RESETTING ON UNIT #1 AND #2.

#1 UNIT WAS SET ON 80.000 THIS, 12-14-59.

SOFTENERS TAKING ACID TREATMENT THIS, 1-31-60

#1 UNIT SET BACK ON 72.000, 2-10-60.

#2 UNIT SET UP TO 112.000, 2-13-60.

#2 UNIT SET BACK FROM 112.000 TO 107.200 THIS 2-25-60.

#2 UNIT NEW PACKING IN #1 AND 2 POPPE VALVE, 4-5-60.

#2 UNIT SET BACK FROM 107200 TO 100.800, THIS 4-7-60.

#2 UNIT SET BACK ON 92800, THIS 5-3-60.

#1 UNIT IS SET ON 64000 THIS 5-25-60.

#2 UNIT is SET ON 88000 THIS 5-25-60.

#2 UNIT NEW PACKING IN #2-3 POPPET VALVES 9-19-60

#1 UNIT 12 Cu. ft ZEOLITE PUT IN ON 2-3-61

#1 " IS SET ON 96000 THIS 2-6-61

#2 " 7 Cu. ft. ZEOLITE PUT IN ON 2-6-61

#" " IS SET ON 88000 THIS 2-6-61

~~#1 " " " BACK~~

#1 " WAS SET ~~back~~ UP FROM 76,000 TO 80,000 THIS 3-21-61

#2 " " " " " 72,000 " 76,000 " " " "

#" " " " BACK TO 72,000 ON 3-23-61

#" " CLEANED ZEOLITE BED WITH AIR TO REMOVE IRON. 6-19-61

#" " " " " " " " " 6-20-61

10 cu ft added

WORK DONE AND CHANGES MADE ON #1 SOFTNER

		GALLONS
6-28-61	SET ON 80,000 ~~Gallons~~	
" " "	motor out Being Repaired	
8-14-61	new sleeve put in top left poppet valve	
9-12-61	COUNTER SET ON 84000 GALLONS	
9-15-61	COUNTER SET ON 82000 GALS	
11-3-61	" " "	80,000 "
12-23-61	" " "	72.000 "
1-17-62	" " "	76 000 "
4-12-62	" " "	80,000 "
7-3-62	" " "	84,000 "
1-10-63	" " "	72.000 "
1-15-63	" " "	64000 "
4-9-63	" " "	68000 "
8-12-63	" " "	64000 "
3-27-64	ZEOLITE CLEANED WITH NALCO CHEMICAL DID NOT NEED ANY ZEOLITE COUNTER SET ON 88000 GALS	
4-1-64	" " "	84000 "
5-20-64	Elect. motor taken out for repair	
9-4-64	Elect. motor repaired and installed	
11-5-64	COUNTER SET BACK TO 80,000 GALS	
1-12-65	" " "	76,000 "
8-2-65	" " "	68,000 "
9-1-65	" " "	64000 "
10-27-65	Taken out of operation to take out old laterals and manifold, replaced with new, 10 cu. ft. added, new gravel	
11-1-65	Cleaned zeolite with Nalco chemical	
11-18-65	SOFTNER BACK IN OPERATION	
11-22-65	COUNTER SET FOR 72000 Gals.	

WORK DONE AND CHANGES MADE ON #2 SOFTNER

				GALLONS
6-28-61	SET ON	80,000	~~GALLONS~~	
9-8-61	"	"	84000	"
10-31-61	"	"	88000	"
12-29-61	"	"	80000	"
4-12-62	"	"	84,000	"
7-3-62	"	"	88000	"
2-4-63	"	"	72000	"
4-8-63	"	"	76000	"
4-14-63	"	"	80000	"
4-24-63	"	"	76000	"
8-12-63	"	"	72000	"

3-11-64 ZEOLITE CLEANED WITH NALCO CHEMICAL
ALSO ADDED 7 CU. FT ZEOLITE
RESET COUNTER ON 88000

3-13-64	COUNTER	SET	ON	92000
4-3-64	"	"	"	88000
7-1-64	"	"	"	84000
1-12-65	"	"	"	80000
6-25-65	"	"	"	76000
8-2-65	"	"	"	68000
8-31-65	"	"	"	64000

8-31-65 multiport valves cleaned and Repacked
11-1-65 Zeolite Cleaned with Nalco Chemical

Z WELL PUMP REPORT'S
HOUSE AND EQUIPMENT PAINTED IN MARCH 1961
GREASED AND CHANGED OIL IN ELECT.
AND GAS MOTORS 9-8-61

Z-1

~~[illegible]~~ EQUIPMENT PAINTED ON 3-22-61

GREASED ELECT. MOTOR 9-8-61

CHANGED OIL IN ELECT. MOTOR 9-8-61

Z-2

HOUSE AND EQUIPMENT PAINTED MARCH 1961
GREASED ELECT. MOTOR 9-8-61
CHANGED OIL IN ELECT. MOTOR 9-8-61

Z-3

HOUSE AND EQUIPMENT PAINTED MARCH 1961
GREASED ELECT. MOTOR 8-8-61
CHANGED OIL IN ELECT. MOTOR 9-8-61

Z-4

BACK IN OPERATION ON 7-28-61
CHANGED OIL IN GAS MOTOR AND ELECT. MOTOR
GREASED ALL FITTINGS 9-7-61

Z-5

HOUSE AND EQUIPMENT PAINTED MARCH 1961
GREASED ELECT. MOTOR 9-8-61
CHANGED OIL IN ELECT. MOTOR 9-8-61

Z-6

PUMP PULLED ON 3-21-61 TO PUT IN NEW SHAFT

CHANGED OIL IN GAS MOTOR AND GREASED ALL FITTINGS 9-7-61

D.D. and stat on Z WELL	D.D. and stat on Z-1 well	D.D. and stat on Z-2 Well	D.D. and stat on Z-3 Well	D.D. and stat on Z-4 Well	D.D. and stat on Z-5 Well	D.D. and stat on Z-6 Well
~~DD 6-10-62~~	6-10-62-D.D. 26 ft	6-10-62-stat 32½ ft	6-10-62-D.D. 12 ft	6-10-62-stat 29 ft	out ~~6-10-62~~ 12-10-62 BACK ON	6-10-62-DD. 17 ft
	9-12-62-D.D. 29 ft	9-12-62-DD. 18 ft	9-10-62-D.D. 14 ft	9-12-62-DD. 14½ ft		9-12-62-stat 26 ft
	10-10-62-STAT 37' BACK ON	OFF 3 hrs 10-10-62-STAT 39"	10-11-62-DD. 15 ft	10-11-62-DD 15 ft	10-10-62-STAT 44 ft	10-11-62-D.D. 17½ ft
	1-22-63-STAT. 37 ft	1-24-63 out for Repairs Back on 3-1-63	12-12-62-D.D. 15 ft	12-12-62-DD 17 ft	12-12-62-DD. 9 ft	12-12-62-DD. 17 ft
	2-13-63-DD. 17 ft		2-13-63-DD 14 ft	2-13-63-DD. 22 ft	2-13-63-DD. 15½ ft out order 2-13-63	2-13-63-D.D. 22 ft
	4-3-63-STAT 38 ft	4-3-63-D.D. 23 ft	4-3-63-DD. 16 ft	4-3-63-DD. 16 ft	4-3-63-STAT 48 ft	4-3-63-DD 21 ft
	5-30-63-DD. 14½ ft	4-19-63-STAT 40 ft	5-29-63-STAT. 43 ft	5-30-63-DD. 19½ ft	7-18-63-STAT 40 ft	5-24-63-STAT 34 ft
	6-24-63-STAT 38 ft	5-30-63-DD. 21 ft	5-30-63-D.D. 14 ft	5-31-63-STAT 34 ft	7-19-63-DD. 11 ft	5-30-63-DD. 12 ft
	6-26-63-DD 14 ft	6-21-63-STAT 39½ ft	6-20-63-STAT 42 ft	6-20-63-DD 18 ft	8-15-63-STAT 41 ft	6-18-63-STAT 34 ft
	7-17-63-STAT 37 ft	6-26-63-DD. 17 ft	6-26-63-D.D. 11 ft	6-26-63-STAT 32 ft	9-6-63-DD. 10 ft	6-26-63-DD. 17 ft
	7-29-63-DD. 15 ft	7-19-63-STAT 39 ft	7-15-63-STAT 42 ft	7-19-63-DD. 17 ft	9-17-63-STAT 41 ft	7-11-63-STAT 32 ft
	8-27-63-STAT. 37 ft	7-29-63-DD. 17½ ft	7-29-63-DD. 12 ft	8-2-63-STAT 31 ft	10-7-63-D.D. 6'	7-29-63-DD 18 ft
	8-30-63-D.D. 13 ft	8-20-63-STAT 32 ft	8-20-63-STAT 32 ft	9-6-63-DD. 10 ft	10-8-63-STAT 40'	8-9-63-STAT 33 ft
	9-13-63-STAT 38 ft	9-6-63-DD. 18 ft ~~9-6-63-STAT 39 ft~~	9-6-63-STAT 32 ft	9-19-63-STAT 32 ft	11-5-64-DD 5'	9-6-63-DD. 16 ft
	9-19-63-DD. 13½ ft	~~9-7-63-DD. 22 ft~~	9-7-63-D.D. 8 ft	10-7-63-D.D. 14'	11-12-63-STAT 44'	9-11-63-STAT 31'
	10-7-63-STAT 38'	9-16-63-STAT 39 ft	9-18-63-STAT 37½ ft	10-14-63-STAT 31½'	12-6-63-DD 5'	10-7-63-D.D. 16'
	10-15-63-D.D. 14'	10-7-63-D.D. 14'	10-7-63-D.D. 10'	11-5-63-DD. 15'	12-13-63-STAT 44	10-9-63-STAT 31'
	11-5-63-DD. 17'	10-15-63-STAT 39'	10-12-63-STAT 38'	11-11-63-STAT 33'	1-7-64-DD. 4"	11-5-63-DD. 22'
	11-7-63-STAT. 36'	11-5-63-DD. 16'	11-5-63-STAT 38½	12-6-63-STAT 34'	1-31-64-STAT 45'	11-13-63-STAT 36'
	12-6-63-D.D. 17'	11-8-63-STATIC 38'	12-6-63-STAT 38'	12-12-63-DD. 11'	2-11-64-STAT 41'	12-6-63-DD. 19'
	12-10-63-STAT 34'	12-6-63-DD. 17'	1-7-64-STAT 44'	1-7-64-DD. 9'	2-12-64-DD. 6'	12-16-63-STAT 37'
	1-7-64-DD. 19'	12-11-63-STAT 40'	1-31-64-DD. 13'	1-23-64-STAT 35'	2-6-64-D.D. 6'	1-7-64-DD. 19'
	1-18-64-STAT 31'	1-7-64-DD. 7'	2-4-64-DD. 12½'	2-4-64-DD. 15'	3-26-64-STAT 42'	1-23-64-STAT 38'
	2-4-64-DD 21' off 4 hrs.	1-31-64-STAT 40'	2-24-64-STAT 42'	2-12-64-STAT 40'	4-6-64-STAT 41'	2-4-64-DD. 22'
	2-26-64-STAT 30'	2-4-64-STAT. 42'	3-6-64-STAT 44'	2-6-64-DD 14' off 4 hrs	4-15-64-DD. 6'	2-12-64-STAT 38'
	3-6-64-D.D. 20'	2-12-64-DD. 24'	3-26-64-DD. 13'	3-24-64-STAT 39'		3-6-64-STAT 37'
	3-26-64-STAT 32'	3-6-64-DD. 21'	4-6-64-DD. 12'	4-6-64-STAT 39'		3-26-64-DD. 21'
	4-6-64-DD. 20'	3-11-64-STAT. 41'		4-23-64-DD. 14½'		4-6-64-DD 21'
		4-6-64-DD. 19'				4-25-64-STAT 34'
		4-23-64-STAT 42'				

STATIC AND DRAW DOWN

Z WELL	Z1 WELL	Z2 WELL	Z3 WELL	Z4 WELL	Z5 WELL	Z6 WELL
	5-13-64-DD.17'	5-8-64-STAT.41'	5-8-64-DD13'	5-18-64-DD16'	5-13-64-DD.11'	5-13-64-DD17'
	6-1-64-STAT33'	6-4-64-DD.20'	5-13-64-STAT44'	5-25-64-STAT.35'	5-18-64-STAT43'	5-18-64-STAT.35'
	6-5-64-DD.20'	6-18-64-STAT.41'	6-4-64-DD.13'	6-4-64-DD.14'	6-4-64-DD.9'	6-4-64-DD.14'
	7-1-64-DD.19'	7-1-64-DD.21'	7-3-64-STAT.42'	6-5-64-STAT.40'	7-22-64-STAT42'	7-16-64-DD.13'
	7-2-64-STAT.33'	7-17-64-STAT41'	7-22-64-DD14'	7-15-64-DD.15'	8-11-64-STAT42'	7-23-64-STAT34'
	7-17-64-DD.19'	8-11-64-STAT.38'	8-18-64-STAT.43'	7-17-64-STAT35'	8-18-64-DD.10'	8-11-64-STAT.36'
	8-3-64-STAT.32'	8-18-64-DD.12'	8-21-64-DD.13'	8-11-64-DD.18'	9-4-64-DD.16'	8-18-64-DD.15'
	8-20-64-DD.18½'	9-4-64-STAT38'	9-4-64-DD.6'	8-18-64-STAT.37'	10-21-64-STAT42'	9-4-64-STAT37'
	9-4-64-STAT32'	9-16-64-DD.4'	9-17-64-STAT42'	9-16-64-STAT37'	10-26-64-DD.10½'	9-17-64-DD.17'
	10-21-64-STAT32'	10-21-64-DD.18'	10-21-64-DD.3'	9-17-64-DD15'	11-17-64-STAT46'	10-21-64-DD.21'
	11-17-64-DD.19'	10-26-64-STAT39'	10-2-64-STAT42'	10-21-64-STAT42'	12-14-64-DD10'	10-26-64-STAT36'
	12-18-64-STAT32'	11-17-64-STAT39'	11-12-64 DD.5'	10-2-64-DD.15'	1-13-65-DD.8'	11-13-64-DD21'
	12-21-64-DD.20'	12-14-64-DD17'	12-14-64 DD.6' off 3 hrs	11-17-64-STAT41'	2-8-65-STAT42'	11-24-STAT36'
	1-13-65-STAT32'	12-24-64-STAT38'	12-18-64-S41'	11-24-64-DD.16'	3-8-65-DD.12'	12-14-64-STAT36'
	2-8-65-DD.20'	1-13-65-STAT38'	1-13-65-DD.6'	12-14-64-STAT41'	3-12-65 STAT42'	1-13-65-STAT34'
	3-8-65-STAT33'	2-8-65-DD.5'	2-8-65-STAT42'	1-13-65-DD.15'	4-8-65-DD.8'	~~2-8-65-DD~~
	~~[illegible]~~	3-8-65-STAT36'	3-8-65-DD.8'	2-8-65-STAT39'	5-27-65-STAT.40'	out BACK IN 6-23-65
	3-12-65-DD.20'	3-12-65-DD.6'	3-12-65-STAT41'	3-8-65-DD9½'	5-28-65-DD.11'	
	4-8-65-STAT32'	4-8-65-STAT36'	4-8-65-DD.6'	3-8-65-STAT40'	6-9-65-DD.9'	6-3-65-STAT36'
	5-26-65-STAT32'	5-26-65-STAT36'	4-30-65-STAT42'	4-5-65-DD.9'	6-29-65 STAT41'	7-8-DD.15'
	6-26-65 DD10'	5-28-65-DD.5'	5-26-65 DD6'	4-8-65-STAT40'	7-9-65-DD.8'	7-12-65 STAT36'
	6-30-65 STAT33'	6-10-65 STAT36'	5-28-65 STAT42'	5-25-65-STAT36'	7-27-65 STAT41'	8-DD.15'
	7-20-65 STAT32'	6-29-65 DD.4'	6-10-65 DD.6'	5-27-65-DD.7'	8-25-65 STAT40'	
	7-21-65 DD.16'	7-9-65 STAT36'	6-29-65 STAT40'	6-9-65-DD5'	8-31-65-DD.8'	
	8-25-65-DD5'	7-20-65-DD.5'	7-8-65-STAT40'	6-19-65 STAT36'		
	8-31-65 STAT32'	8-25-65 DD9'	7-9-65 DD5'	7-8-65 DD.8'		
		8-31-65-STAT36'	8-25-65-STAT39'	7-27-65 STAT38'		
			8-31-65-DD6'	8-17-65-DD8'		
				8-31-65 STAT38'		

HIGH LIFT PUMP #1

3-8-61	GREASED NO 1 HIGHLIFT PUMP AND MOTOR
4-12-61	" " " " " " "
6-22-61	" " " " " " "
7-20-61	" " " " " " "
8-23-61	" " " " " " "
9-8-61	" " " " " " "
10-16-61	" " " " " " "
11-10-61	" " " " " " "
12-26-61	PUT IN LEED POSITION
12-29-61	" " " " " " "
1-25-62	" " " " " " "
2-28-62	" " " " " " "
3-22 62	" " " " " " "
3-22-62	PUT IN LEED POSITION
6-25-62	" " " " " " "
9-19-62	" " " " " " "
12-26-62	" " " " " " "
3-7-63	" " " " " " "
6-10-63	" " " " " " "
9-19-63	" " " " " " "
12-27-63	" " " " " " "
3-20-64	" " " " " " "
6-15-64	" " " " " " "
9-15-64	" " " " " " "
12-16-64	" " " " " " "
3-19-65	" " " " " " "
6-17-65	" " " " " " "
9-10-65	" " " " " " "
12-17-65	" " " " " " "
3-8-66	" " " " " " "

HIGH LIFT PUMP #1

6-9-66	GREASED PUMP AND MOTOR
9-23-66	" " " "
12-19-66	INSTALLED NEW BEARINGS IN PUMP
3-14-67	" " " "
6-21-67	" " " "
9-23-67	" " " "
12-19-67	" " " "

HIGH LIFT PUMP NO 2

3-8-61	GREASED NO 2 HIGH LIFT PUMP AND MOTOR
4-12-61	" " " " " "
6-22-61	" " " " " "
7-20-61	" " " " " "
8-23-61	" " " " " "
9-8-61	" " " " " "
10-16-61	" " " " " "
11-10-61	" " " " " "
12-29-61	" " " " " "
1-22-62	PUT IN LEAD POSITION
1-25-62	" " " " " "
2-28-62	" " " " " "
3-22-62	" " " " " "
6-25-62	" " " " " "
9-19-62	" " " " " "
12-26-62	" " " " " "
3-7-63	" " " " " "
6-10-63	" " " " " "
9-19-63	" " " " " "
12-27-63	" " " " " "
3-20-64	" " " " " "
6-15-64	" " " " " "
9-15-64	" " " " " "
12-16-64	" " " " " "
3-19-65	" " " " " "
6-17-65	" " " " " "
9 10-65	" " " " " "
12-17-65	" " " " " "
3-8-66	" " " " " "

HIGH LIFT PUMP #2

6-9-66	GREASED	PUMP	AND	MOTOR
9-23-66	"	"	"	"
12-19-66	"	"	"	"
3-14-67	"	"	"	"
6-21-67	"	"	"	"
9-23-67	"	"	"	"
12-19-67	"	"	"	"

HIGH LIFT PUMP NO 3

3-8-61	GREASED	NO. 3	HIGHLIFT	PUMP	AND	MOTOR
4-12-61	"	"	"	"	"	"
6-22-61	"	"	"	"	"	"
7-20-61	"	"	"	"	"	"
8-23-61	"	"	"	"	"	"
9-8-61	"	"	"	"	"	"
10-16-61	"	"	"	"	"	"
11-10-61	"	"	"	"	"	"
12-29-61	"	"	"	"	"	"
1-25-62	"	"	"	"	"	"
2-28-62	"	"	"	"	"	"
3-22-62	"	"	"	"	"	"
6-25-62	"	"	"	"	"	"
9-19-62	"	"	"	"	"	"
12-26-62	"	"	"	"	"	"
3-7-63	"	"	"	"	"	"
6-10-63	"	"	"	"	"	"
9-19-63	"	"	"	"	"	"
12-27-63	"	"	"	"	"	"
3-20-64	"	"	"	"	"	"
6-15-64	"	"	"	"	"	"
9-15-64	"	"	"	"	"	"
12-16-64	"	"	"	"	"	"
3-19-65	"	"	"	"	"	"
6-17-65	"	"	"	"	"	"
9-10-65	"	"	"	"	"	"
12-17-65	"	"	"	"	"	"
3-8-66	"	"	"	"	"	"
6-9-66	"	"	"	"	"	"

HIGH LIFT PUMP #3

6-9-66	GREASED	PUMP	AND	MOTOR
9-23-66	"	"	"	"
12-19-66	"	"	"	"
3-14-67	"	"	"	"
6-21-67	"	"	"	"
9-23-67	"	"	"	"
12-19-67	"	"	"	"

CHLORINATOR BOOSTER PUMP

3-8-61	NOT IN USE AT THIS TIME
4-12-61	" " " " " "
6-22-61	" " " " " "
7-20-61	" " " " " "
8-23-61	" " " " " "
9-8-61	" " " " " "
10-16-61	" " " " " "
11-10-61	" " " " " "
12-29-61	" " " " " "
1-25-62	" " " " " "
2-28-62	" " " " " "
3-22-62	" " " " " "
6-25-62	" " " " " "
7-24-62	" " " " " "
8-20-62	" " " " " "
9-19-62	" " " " " "
12-26-62	" " " " " "
1-21-63	" " " " " "
2-25-63	" " " " " "
3-26-63	" " " " " "
4-24-63	GREASED AND REPAIRED
5-28-63	NOT IN USE AT THIS TIME

BRINE PUMP,S NO 1 AND 2

3-8-61	GREASED MOTOR AND PUMP BEARING,S
4-12-61	" " " " "
6-22-61	" " " " "
7-20-61	" " " " "
8-23-61	" " " " "
10-13-61	#2 PUMP PULLED OUT IT WAS FROZE UP
10-16-61	GREASED MOTOR AND PUMP BEARING,S
11-10-61	" " " " "
12-29-61	" " " " "
1-16-62	#2 PUMP BACK IN
1-25-62	" " " " "
2-28-62	" " " " "
3-22-62	" " " " "
6-25-62	" " " " "
7-24-62	" " " " "
8-20-62	" " " " "
10-17-62	#2 PUMP OUT BURNED UP
11-20-62	" " " " "
12-26-62	" " " " "
1-21-63	" " " " "
2-25-63	" " " " "
3-26-63	GREASED MOTOR AND PUMP BEARING,S
4-24-63	" " " " "
5-27-63	" " " " "
6-25-63	" " " " "
7-23-63	" " " " "
8-23-63	" " " " "
9-19-63	" " " " "
10-16-63	INSTALLED NEW #2 PUMP + MOTOR
10-22-63	GREASED MOTOR AND PUMP BEARING,S

BRINE PUMPS #1 AND 2

11-26-63	GREASED	MOTOR	AND	PUMP	BEARINGS
12-27-63	"	"	"	"	"
1-22-64	"	"	"	"	"
2-20-64	"	"	"	"	"
3-23-64	"	"	"	"	"
4-13-64	"	"	"	"	"
5-21-64	"	"	"	"	"
6-15-64	"	"	"	"	"
7-21-64	"	"	"	"	"
8-21-64	"	"	"	"	"
9-15-64	"	"	"	"	"
10-20-64	"	"	"	"	"
11-18-64	"	"	"	"	"
12-16-64	"	"	"	"	"
1-20-65	"	"	"	"	"
2-9-65	"	"	"	"	"
3-19-65	"	"	"	"	"
4-26-65	"	"	"	"	"
5-21-65	"	"	"	"	"
6-23-65	"	"	"	"	"
7-22-65	"	"	"	"	"
8-25-65	"	"	"	"	"
9-10-65	"	"	"	"	"
12-17-65	"	"	"	"	"
1-20-66	"	"	"	"	"
2-22-66	"	"	"	"	"
5-13-66	"	"	"	"	"
6-17-66	"	"	"	"	"
7-20-66	"	"	"	"	"

2. WELL

3-8-61	GREASED ELECT. MOTOR BEARINGS.
3-9-61	CHANGED OIL IN GAS MOTOR
4-12-61	GREASED ELECT MOTOR BEARINGS
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-8-61	GREASED AND CHANGED OIL IN ELECT. AND GAS MOTORS.
10-16-61	" ELECT. MOTOR BEARINGS
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-27-62	" " " "
3-23-62	" " " "
3-23-62	CHANGED OIL IN GAS MOTOR

2-20-64	Changed oil in Gas and Electric motors next change due 8-20-64

TORS

Z-1 WELL

3-28-61	GREASED ELECT. MOTOR BEARINGS.
4-12-61	" " " "
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-8-61	" AND CHANGED OIL ELECT. MOTOR
10-16-61	TURNED OFF HAD QUIT PUMPING
11-29-61	BACK ON AT 10.00
11 29-61	GREASED ELECT. MOTOR BEARINGS
12-28-61	" " " "
1-25-62	" " " "
2-28-62	" " " "
3-23-62	" " " "
~~2-20-64~~	~~changed oil in Gas and Electric motors next change due 8-20-64~~

2-2 WELL

3-8-61	GREASED ELECT. MOTOR BEARINGS.
4-12-61	" " " "
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-8-61	" AND CHANGED OIL IN ELECT. MOTOR
10-16-61	" " " "
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-27-62	" " " "
3-23-62	" " " "

23 WELL

3-8-61	GREASED ELECT MOTOR BEARINGS.
4-12-61	" " " "
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-8-61	" AND CHANGED OIL IN ELECT. MOTOR
10-16-61	" " " "
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-27-62	" " " "
3-23-62	" " " "

2-4 WELL

	~~GREASED ELECT. MOTOR BEARINGS~~
3-8-61	OUT ORDER FOR REPAIR
3-9-61	CHANGED OIL IN GAS MOTOR
4-12-61	~~GREASED~~ OUT ORDER FOR REPAIR
6-22-61	" " " "
7-20-61	" " " "
8-23-61	GREASED ELECT MOTOR BEARINGS
9-8-61	" AND CHANGED OIL IN GAS AND ELECT. MOTOR
10-16-61	GREASED ELECT. MOTOR BEARINGS.
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-27-62	" " " "
3-23-62	" " " "
3-23-62	CHANGED OIL IN GAS MOTOR
2-20-64	changed oil in Electric and Gas motors next change due 8-20-64

TOR

Z-5 WELL

3-8-61	GREASED ELECT. MOTOR BEARINGS
4-12-61	" " " "
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-8-61	" AND CHANGED OIL IN ELECT. MOTOR
10-16-61	" ELECT. MOTOR BEARINGS
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-1-62	PUMP PULLED OUT FOR REPAIRS

Z-6 WELL

3-8-61	GREASED ELECT. MOTOR BEARINGS
3-9-61	CHANGED OIL IN GAS MOTOR
4-12-61	GREASED ELECT MOTOR BEARINGS
6-22-61	" " " "
7-20-61	" " " "
8-23-61	" " " "
9-7-61	" AND CHANGED OIL IN ELECT. AND GAS MOTOR.
10-16-61	" ELECT. MOTOR BEARINGS
11-10-61	" " " "
12-28-61	" " " "
1-25-62	" " " "
2-27-62	" " " "
3-23-62	" " " "
3-23-62	CHANGED OIL IN GAS MOTOR
2-20-64	Changed oil in Electric and Gas motors next change due 8-20-64

Z WELL

GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED OIL	9-10-62	" "	3-10-63
CHANGED OIL GAS MOTOR	8-8-62	" "	2-8-63
GREASED	12-10-62	" "	3-10-63
"	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
CHANGED OIL	2-8-63	" "	8-8-63
	8-15-63	" "	12-15-64
GREASED	9-11-63	" "	12-11-63
"	12-12-63	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65
new Gasoline motor Installed		the last week in april	
GREASED	6-23-65	" "	9-23-65
"	9-10-65	" "	12-10-65
"	12-17-65	" "	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-67	" "	3-18-68

Z-1 WELL

GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED OIL	9-10-62	" "	3-10-63

TURNED OFF FOR CLEANING 11-7-62 1400

BACK IN OPERATION 1-22-63

GREASED	12-10-62	" "	3-10-62
"	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
"	9-11-63	" "	12-11-63
"	12-12-63	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65

Pump pulled out for cleaning 5-26-65 Back in 5-27-65.
Electric wires connected ready for operation 6-3-65

GREASED	6-23-65	DUE AGAIN	9-23-65
"	9-10-65	" "	12-10-65

11-11-65 all window Panes Broken out

GREASED	12-17-65	DUE AGAIN	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66

17'7" from pump base to water
Pump pulled for cleaning 5-1-67 was pumping 20 GPM.
back in operation 5-8-67 now pumping 70 GPM.

GREASED	~~12-18-66~~	~~3-~~	
"	12-18-66	DUE AGAIN	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67

Z-2 WELL

GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED OIL	9-10-62	" "	3-10-63
GREASED	12-10-62	" "	3-10-63
PULLED OUT FOR REPAIR			
Back in	3-1-63		
still in bind			
GREASED	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
"	9-11-63	" "	12-11-63
"	12-12-63	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65
"	6-23-65	" "	9-23-65
"	9-10-65	" "	12-10-65

11-11-65 Window + door Panes Broken out
Electric meter ~~[illegible]~~ Knocked off Pole

GREASED	12-17-65	DUE AGAIN	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-67	" "	3-18-68

Z-3 WELL

GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED OIL	9-10-62	" "	3-10-63
GREASED	12-10-62	" "	3-10-63
"	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
"	9-11-63	" "	12-11-63
"	12-12-63	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65
"	6-23-65	" "	9-23-65
"	9-10-65	" "	12-10-65
"	12-17-65	" "	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-68	" "	3-18-68

		WELL	
GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED OIL	9-10-62	" "	3-10-63
CHANGED OIL GAS MOTOR	8-8-62	" "	2-8-63
GREASED	12-10-62	" "	3-10-63
"	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
CHANGED OIL	2-8-63	" "	8-8-63
" "	8-15-63	" "	2-15-64
GREASED	9-11-63	" "	12-11-63
"	12-12-64	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64

windows Broken out and meter knocked off 11-11-64
back in oper. 11-19-64

"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65
"	6-23-65	" "	9-23-65
"	9-10-65	" "	12-10-65
"	12-17-65	" "	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-67	" "	3-18-68

	Z-5	WELL	
GREASED	1-25-62	DUE AGAIN	4-25-62
out for Repairs	2-1-62	" "	
BACK IN OPERATION	12-10-62	" "	
GREASED	12-10-62	" "	3-10-63
Cut off seal bursted 2-13-63			
GREASED	3-7-63	" "	6-7-63
"	6-10-63	" "	9-10-63
"	9-10-63	" "	12-10-63
"	12-12-64	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65
"	3-18-65	" "	6-18-65
"	6-23-65	" "	9-23-65
"	9-10-65	" "	12-10-65
"	12-17-65	" "	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67
"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-67	" "	3-18-68

	2-6	WELL	
GREASED	6-10-62	DUE AGAIN	9-10-62
"	9-10-62	" "	12-10-62
CHANGED oil	9-10-62	" "	3-10-63
CHANGED oil GAS MOTOR	8-8-62	" "	2-8-63
GREASED	12-10-63	" "	3-10-63
"	3-7-63	" "	6-7-63
"	6-11-63	" "	9-11-63
"	9-10-63	" "	12-10-63
"	12-12-63	" "	3-12-64
"	3-20-64	" "	6-20-64
"	6-15-64	" "	9-15-64
"	9-15-64	" "	12-15-64
"	12-16-64	" "	3-16-65

11-19-64 out order Bearing and shaft being repaired
6-3-65 Pump put Back in ready for operation

GREASED	6-23-65	DUE AGAIN	9-23-65
"	9-10-65	" "	12-10-65
"	12-17-65	" "	3-17-66
"	6-17-66	" "	9-17-66
"	9-23-66	" "	12-23-66
"	12-18-66	" "	3-18-67
"	3-14-67	" "	6-14-67

" water level 13 ft below pump base 14 ft below air line

"	6-16-67	" "	9-16-67
"	9-25-67	" "	12-25-67
"	12-18-67	" "	3-18-68

GASOLINE MOTORS 2-24-26 + PLANT

GREASED AND CHANGED oil

	DUE AGAIN
2-17-64	8-17-64
8-18-64	2-18-65
2-19-65	8-19-65

2 well new Gasoline motor Installed the last week in april

8-25-65	2-25-66
2-25-66	8-25-66
9-23-66	3-23-67
3-28-67	9-28-67
9-29-67	3-29-68

8-11-6
8-29-6
9-12-6
9-28-6
10-7-6
10-28-6
11-10-6
11-25-6
12-11-6
12-30-6
1-26-6
2-9-6
2-25-6
3-14-6
4-5-6
4-26-6
5-10-6
5-27-6
6-15-6
6-28-6
7-14-6
7-27-6
8-16-6
9-1-6
9-24-6
10-14-6
10-27-6
11-12-6
11-20-6

Greased Butterfly Valves

8-11-64	"	"	"
8-29-64	"	"	"
9-12-64	"	"	"
9-28-64	"	"	"
10-7-64	"	"	"
10-28-64	"	"	"
11-10-64	"	"	"
11-26-64	"	"	"
12-11-64	"	"	"
12-30-64	"	"	"
1-20-65	"	"	"
2-9-65	"	"	"
2-25-65	"	"	"
3-19-65	"	"	"
4-5-65	"	"	"
4-26-65	"	"	"
5-10-65	"	"	"
5-28-65	"	"	"
6-15-65	"	"	"
6-29-65	"	"	"
7-14-65	"	"	"
7-27-65	"	"	"
8-16-65	"	"	"
9-1-65	"	"	"
9-24-65	"	"	"
10-14-65	"	"	"
10-27-65	"	"	"
11-12-65	"	"	"
11-24-65	"	"	"

DATE	GREASED BUTTERFLY VALVES		
12-8-65	"	"	"
12-23-65	"	"	"
1-6-66	"	"	"
1-19-66	"	"	"
2-7-66	"	"	"
2-22-66	"	"	"
3-7-66	"	"	"
5-13-66	"	"	"
6-7-66	"	"	"
6-24-66	"	"	"
7-14-66	"	"	"
7-25-66	"	"	"
8-5-66	"	"	"
8-30-66	"	"	"
9-19-66	"	"	"
10-7-66	"	"	"
10-24-66	"	"	"
11-16-66	"	"	"
12-1-66	"	"	"
12-19-66	"	"	"
1-6-67	"	"	"
2-7-67	"	"	"
2-28-67	"	"	"
3-10-67	"	"	"
3-30-67	"	"	"
4-20-67	"	"	"
5-23-67	"	"	"
6-12-67	"	"	"

6-16-67	Installed new butterfly valves		
6-16-67	GREASED	BUTTERFLY	VALVES
7-6-67	"	"	"
7-24-67	"	"	"
8-14-67	"	"	"
9-11-67	"	"	"
10-3-67	"	"	"
10-30-67	"	"	"
11-17-67	"	"	"
12-4-67	"	"	"
12-28-67	"	"	"

STATIC AND DRAW DOWN ON WELLS

Z WELL	Z-1 WELL	Z-2 WELL	Z-3 WELL	Z-4 WELL	Z-5 WELL	Z-6 WELL	Z WE
	9-20-65 D.D. 6'	9-20-65 - D.D. 8'	9-20-65 - STAT 40'	9-20-65 - D.D. 9'	9-20-65 - STAT 41'	9-20-65 STAT 38'	3-3-
	9-24-65 STAT 33'	9-24-65 STAT 34'	9-24-65 - D.D. 6'	9-28-65 STAT 40'	9-24-65 D.D. 8'	9-8-65 DD 14'	
	10-5-65 - STAT 31'	10-5-65 STAT 35'	10-5-65 DD 11'	10-5-65 STAT 32'	10-5-65 - D.D. 7'	10-5-65 - STAT 29'	
	10-18-65 D.D. 5'	10-6-65 - D.D. 10'	10-6-65 - STAT 39'	10-6-65 - D.D. 8'	10-6-65 - STAT 40'	10-6-65 - DD 15'	
	11-8-65 - D.D. 6'	11-8-65 - D.D. 11'	11-22-65 - D.D. 10'	11-8-65 - STAT 34'	11-8-65 - D.D. 7'	11-22-65 - STAT 34'	
	~~11-65 STAT 31'~~	11-14-65 STAT 34'	11-14-65 - STAT 39'		11-8		
	12-6-65 - STAT 31'	12-6-65 - STAT 34'	12-6-65 - D.D. 11'	12-6-65 - STAT 36'	12-6-65 - STAT 39'	12-6-65 - STAT 32'	
	12-17-65 - D.D. 8'	12-17-65 - D.D. 9'	12-17-65 - STAT 40'	12-27-65 - D.D. 8'	12-20-65 - DD 9'	12-27-65 - D.D. 15'	
	1-5-66 - STAT 32'	1-5-66 - STAT 35'	1-5-66 - D.D. 10'	1-5-66 - STAT 36'	1-5-66 - D.D. 9'	1-5-66 - STAT 34'	
	1-19-66 - D.D. 7'	1-19-66 - D.D. 9'	1-18-66 - STAT 38'	1-19-66 - D.D. 7'	1-26-66 - STAT 41'	1-26-66 - D.D. 14'	
	out of order ~~2-7-66 STAT 32'~~	2-7-66 - D.D. 10'	2-7-66 - STAT 38'	2-7-66 STAT 35'	2-7-66 D.D. 8'	2-7-66 D.D. 15'	
	line Broken 5-17-66 - DD 7'	2-15-66 - STAT 34'	2-15-66 - DD 10'	2-15-66 - D.D. 8'	2-15-66 - STAT 40'	off 3 days 2-15-66 - STAT 33'	
	5-18-66 STAT 32'	5-17-66 - D.D. 10½'	5-17-66 STAT 38'	5-17-66 STAT 36'	5-17-66 - D.D. 8'	5-17-66 - DD 15'	
		5-31-66 STAT 34'	5-31-66 - D.D. 9'		5-31-66 STAT 40'	5-31-66 STAT 34'	
	6-9-66 DD 9'	6-9-66 - DD. 10'	6-9-66 STAT 40'	6-9-66 - STAT 38'	6-9-66 - DD. 9'	6-9-66 STAT 34'	
	6-27-66 STAT 33'	6-28-66 STAT 34'	6-28-66 D.D. 10'	7-12-66 - DD 8'	7-14-66 - D.D. 9'	6-27-66 - DD 14'	
	7-4-66 DD 8'	6-17-66 D.D. 10'	7-4-66 DD. 10'	7-8-66 - STAT 38'	8-8-66 STAT 39'	7-4-66 - DD 14'	
	8-8-66 - STAT	7-4-66 - STAT 34'	7-12-66 - STAT 38'	8-8-66 - DD 8'	8-30-66 - DD 7'	8-8-66 - STAT 34'	
	8-30-66 - D.D. 8'	9-8-66 - DD 9'	8-8-66 - DD - 9'	8-30-66 - STAT 35'	9-8-66 - D.D. 7'	8-8-66 - DD 15'	
	9-23-66 - STAT 32'	9-23-66 - STAT 33'	9-8-66 - STAT 36'	9-8-66 - DD 7'	9-30-66 - STAT 38'	9-8-66 - STAT 33'	
	9-29-66 - D.D. 10'	10-7-66 - DD. 8'	9-23-66 - D.D. 8'	9-23-66 - STAT 36'	10-7-66 - D.D. 8'	10-14-66 STAT 33'	
	10-7-66 - STAT 32'	10-14-66 STAT 34'	10-7-66 - STAT 37'	9-30-66 D.D. 8½'	10-14-66 - STAT 38'	10-24-66 - D.D. 13'	
	10-14-66 - D.D. 12'	11-1-66 D.D. 7'	10-14-66 - DD 8'	10-14-66 - STAT 36'	11-1-66 DD 7'	11-8-66 - STAT 34'	
	11-16-66 DD 13'	11-8-66 STAT 34'	11-16-66 - DD 9'	11-8-66 DD 8'	11-8-66 - STAT 37'	12-6-66 - DD 14'	
	11-18-66 STAT 33'	12-6-66 D.D. 7½'	11-18-66 - STAT 38'	11-16-66 STAT 37'	12-12-66 STAT 37'	12-12-66 STAT 32'	
	12-6-66 - DD 13'		12-6-66 D.D. 9'	12-12-66 D.D. 10'			
	JAN. was out sick						
	2-10-67 - DD 14'	2-10-67 - STAT 35'	2-10-67 - STAT 35'	2-10-67 - DD 13'	2-10-67 - D.D. 8'	2-10-67 DD 14'	
	2-16-67 - STAT 34'		2-16-67 - DD 10'	2-16-67 STAT 37'		2-16-67 STAT 36'	

GAUGE READING
STATIC + DRAW DOWN ON WELLS

Z WELL	Z1 WELL A.L. 51'	Z2 WELL A.L. 60'	Z3 WELL A.L. 60	Z4 WELL A.L.	Z5 WELL A.L. 43'	Z6 WELL A.L. 48'
3-3-67	3-3-67-DD 17'	3-3-67-D.D. 4'	3-3-67-STAT 34'	3-3-67 D.D. 15'	3-3-67-STAT 35'	3-3-67-STAT 29'
	3-14-67-STAT 34'	3-14-67-STAT 35'	3-14-67-D.D. 11'	3-14-67-STAT 37'	3-14-67-DD 7'	3-14-67-D.D. 14'
	4-7-67-D.D. 17'	4-7-67 D.D. 4½'	4-7-67-STAT 35'	4-7-67-D.D. 15'	4-7-67-STAT 35'	Pulled to clean 4-10-67
	4-26-67-D.D. 17'	4-26-67-STAT 34'	4-26-67-D.D. 10'	4-26-67-STAT 36'	4-26-67 STAT 35'	13' from pump base 4-17-67 to water
	17.7 to water from pump base 5-8-67	5-4-67-D.D. 4'	5-4-67-STAT 34'	5-4-67 D.D. 12'	5-4-67-DD 6'	5-4-67-STAT 30'
	5-8-67-STAT 34'	5-26-67-STAT 34'	5-26-67-DD 9'	5-25-67-STAT 36'	5-26-67-STAT 36'	5-26-67-D.D. 12'
	6-16-67-STAT 34'	6-16-67-D.D. 4'	6-16-67-D.D. 7'	6-6-67-D.D. 10'	6-16-67-D.D. 4'	6-6-67-STAT 29'
	6-19-67-D.D. 15'			6-27-67-STAT 36'		6-16-67-D.D. 9'
	7-11-67-STAT 34'	7-5-67-DD 13'	7-5-67-STAT 39'	7-6-67 STAT 34'	7-6-67-STAT 44'	7-11-67-STAT 30'
	7-11-67-D.D. 16'		7-5-67-D.D. 16'	7-6-67-D.D. 20'	7-6-67-D.D. 10'	7-11-67-D.D. 10'
	8-8-67-STAT 33½'	8-8-67-D.D. 11'	8-8-67 D.D. 13'	8-7-67-STAT 34'	8-8-67-D.D. 12'	8-8-67-D.D. 14'
	8-25-67-D.D. 17'		8-31-67-STAT 40'			9-1-67-STAT 34'

BRINE PUMPS #1 + 2

8-24-66	GREASED	PUMP	AND	MOTOR
9-21-66	"	"	"	"
10-20-66	"	"	"	"
11-23-66	"	"	"	"
12-21-66	"	"	"	"
1-27-67	"	"	"	"
2-21-67	"	"	"	"
3-21-67	"	"	"	"
4-26-67	"	"	"	"
5-18-67	"	"	"	"
6-16-67	"	"	"	"
7-19-67	"	"	"	"
8-14-67	"	"	"	"
9-25-67	"	"	"	"
10-25-67	"	"	"	"
11-29-67	"	"	"	"
12-28-67	"	"	"	"

WORK DONE AND CHANGES MADE ON ~~#1~~ SOFTNER

10-27-65 Zeolite Cleaned With Nalco Chemical

10-28-65 Counter set on 72000 gals.

11-2-65 softner out of service to Repair laterals wrought iron laterals were taken out. Replaced with Brass laterals + stainless steel manifold. also replaced 3" pipe outside of softner with stainless steel. ~~Back in operation~~ 10 cu. ft Zeolite added

11-18-65 Back in operation at 11.00

11-22-65 Counter set for 80000 gals.

1-5-66 " " " 84000 "

5-17-66 " " " 72000 "

11-21-66 " " " 64000 "

2-27-67 " " " 72000 "

3-16-67 " " " 68000 "

~~[illegible]~~

3-20-67 " " " 72000 "

4-14-67 " " " 76000 "

~~4-28-67 " " 68000 "~~

~~5-9-67 " " 64000~~

5-16-67 " " " 68000 "

5-31-67 Installed new impell. in meter

6-13-67 Repaired meter

6-16-67 Replaced all valves with new ones

6-16-67 Replaced 5 valve guides with new ones

6-16-67 Replaced both head plates " " "

6-16-67 Replaced all riders + springs + grease fittings

7-24-67

WORK DONE AND CHANGES MADE ON #2 SOFTNER

11-1-65 Zeolite Cleaned With nalco Chemical

11-24-65 Out of operation to repair laterals wrought iron laterals were taken out. Replaced with Brass laterals + stainless steel manifold. Also replaced 3" pipe outside of softner with stainless steel 26 Cu. ft. of Zeolite added.

1-6-66 COUNTER SET FOR 84000 GALS

5-17-66 " " " 76000 "

11-21-66 " " " 64000 "

2-20-67 Zeolite Cleaned with nalco Cleaner

2-20-67 COUNTER SET ON 72000 GALS.

3-1-67 " " " 76000 "

3-14-67 ~~[illegible]~~ One 3"X3" nipple installed in effluent line By maint. 2 men 30 minutes

3-20-67 COUNTER SET ON 180 COUNT 72000 GALS

4-14-67 " " " 190 " 76000 "

4-25-67 " " " 170 " 68000 "

5-9-67 " " " 160 " 64000 "

6-13-67 Repaired meter

6-16-67 Installed 2 grease fittings

ER

ne

MAINTENANCE & REPAIRS

DATE	
1-3-67	Repaired telemeter receiver on water tank. Installed new motor drive in telemeter + Coil in receiver
1-4-67	Repaired pilot valve on Back pressure valve
1-27-67	3 Hrs. on telemeter no parts
1-27-67	2 " " Chemical pump no parts
2-20-67	16 " " cleaning #2 softner 400 lbs nalco cleaner
2-21-67	10 " " " " "
3-21-67	1 " " telemeter no parts
5-9-67	2 " " installing oil Pot on # 6 well pump
5-9-67	1 " " Calgon pump
5-31-67	6 " " #1 Softener meter new impeller
6-13-67	4 " " repairing both ~~softner~~ softener meters
6-16-67	7 " " #1 multiport valve
10 67	" " Back Pressure Valve
10- -67	Installed One new Wallace + Tiernan ~~Chlorinator~~ Chlorinator

grease Record

Date	
1-15-82	greased All 3 high Lift pumps
2-23-82	greased Elect.motor in M-197-
3-5-82	greased Elect. motor in M-168- M-268 - M-629 - M-630

2-3-66	Wells	Bldg #	G.P.M.	Pres.
Z		M-141	115	44
Z1		M-142		[illegible]
Z2		M-243	60	48
Z3		M-244	160	62
Z4		M-627	110	52
Z5		M-628	110	35
Z6		M-168	60	43

Record of Salt Received

8-23-66	4	loads	about	48,000	lb
9-9-66	2½	"	"	30,000	"
10-25-66	4	"	"	48,000	"
11-22-66	7	"	"	84,000	"
12-28-66	3	"	"	36,000	"
1-24-67	3	"	"	36,000	"
2-21-67	3	"	"	36,000	"
2-23-67	3	"	"	36,000	"
4-17-67	3½	"	"	42,000	"
5-26-67	2	"	"	24,000	"
6-13-67	4	"	"	48,000	"
6-23-67	6	"	"	75,000	"
8-2-67	6	"	"	75,000	"

COPER SULFATE Added to POOL WATER

DATE	Pounds
10-27-64	5
2-26-65	5

was keeping record at pool threw it away with log sheets by mistake

3-7-67	4
4-5-67	4
5-18-67	4
6-16-67	4
7-20-67	4
8-23-67	4

THE FISHER AND PORTER FACTORY MAN FIXED CHLORNATOR TO WORK AUTOMATIC ON SEPT. 17- 1963. HE STARTED WORK ABOUT 10. A.M. AND QUIT AT 2:45 P.M. THIS WAS NOT SUPOSE TO COST ANYTHING DUE TO THE FACT THE CHLORNATOR WAS TO WORK AUTO. TO START WITH BUT NEVER DID GIVE SATISFACTION

12-27-62	RECEIVED	125	GALS	OF	GASOLINE
2-7-63	"	125	"	"	"
4-19-63	"		"	"	"
3-12-64	"	$43\frac{3}{10}$	"	"	"
7-1-64	"	100	"	"	"
2-12-68	"	82	"	"	"

RECORD OF SALT AND LOCATION

3-21-62	7	LOADS	ABOUT	86000 LBS.	IN SOUTH END OF PIT	7-
4-27-62	7	"	"	" " " "	" " "	7-
5-22-62	5	"	"	62000 " "	NORTH " " "	7-
6-20-62	3	"	"	33000 " "	SOUTH " " "	7-
7-2-62	3	"	"	40,000 " "	NORTH " " "	8-
8-23-62	2	"	"	46000 " "	" " " " "	9-
8-28-62	6	"	"	60000 " "	SOUTH " " "	10-
9-28-62	5	"	"	60000 " "	" " " " "	12-
10-26-62	6	"	"	72000 " "	" " " " "	1-
1-3-63	4	"	"	48000 " "	NORTH " " "	2-
2-21-63	5	"	"	50000 " "	" " " " "	3-
3-26-63	6	"	"	60000 " "	" " " " "	5-
4-25-63	4	"	"	40000 " "	SOUTH " " "	6-
4-30-63	3	"	"	30000 " "	" " " " "	6-
5-27-63	6	"	"	67000 " "	NORTH " " "	7-
6-20-63	6	"	"	60000 " "	" " " " "	8-
7-26-63	6	"	"	74000 " "	" " " " "	10-
8-8-63	3	"	"	36000 " "	" " " " "	11-
8-9-63	1	"	"	12000 " "	" " " " "	12-
9-26-63	7	"	"	86000 " "	SOUTH " " "	2-
10-18-63	7	"	"	86000 " "	NORTH " " "	3-
11-22-63	5	"	"	65000 " "	" " " " "	
12-19-63	7	"	"	86000 " "	" " " " "	5-
1-20-64	5	"	"	62000 " "	" " " " "	6-
3-18-64	5½	"	"	70000 " "	SOUTH " " "	7-
4-21-64	4	"	"	48000 " "	NORTH " " "	
5-25-64	7	"	"	86000 " "	" " " " "	
6-18-64	4	"	"	48000 " "	SOUTH " " "	
6-19-64	2	"	"	24000 " "	NORTH " " "	

2 1240 7 / 8680

5 1240 / 62000 / 3 13 / 20

~~7-7-64~~	~~3 loads~~	~~about~~	~~36000~~	~~lbs in~~	~~NORTH~~	~~End~~				
7-7-64	3	LOADS	ABOUT	36000	LBS,	IN	NORTH	END	OF	PIT
7-22-64	6	"	"	72000	"	"	"	"	"	"
7-22-64	3	"	"	36000	"	"	SOUTH	"	"	"
8-14-64	5	"	"	60000	"	"	NORTH	"	"	"
9-21-64	3½	"	"	40000	"	"	"	"	"	"
10-30-64	6	"	"	72000	"	"	"	"	"	"
12-1-64	4	"	"	50000	"	"	"	"	"	"
1-18-65	6	"	"	72000	"	"	SOUTH	"	"	"
2-18-65	5	"	"	60,000	"	"	"	"	"	"
3-18-65	5	"	"	60,000	"	"	NORTH	"	"	"
5-12-65	6	"	"	72000	"	"	"	"	"	"
6-23-65	1	"	"	12000	"	"	"	"	"	"
6-28-65	1	"	"	12000	"	"	"	"	"	"
7-22-65	8	"	"	86000	"	"	SOUTH	"	"	"
8-25-65	6	"	"	72,000	"	"	"	"	"	"
10-26-65	4½	"	"	60,000	"	"	"	"	"	"
11-30-65	4	"	"	48,000	"	"	NORTH	"	"	"
12-14-65	2½	"	"	30,000	"	"	"	"	"	"
2-4-66	5	"	"	60,000	"	"	"	"	"	"
~~3-14-66~~ 3-1-66	3	"	"	36,000	"	"	SOUTH	"	"	"
5-25-66	2½	"	"	30.000	"	"	NORTH	"	"	"
6-28-66	3	"	"	36.000	"	"	"	"	"	"
7-27-66	5	"	"	60,000	"	"	"	"	"	"

3-9-61 Started pumping Calgon in lines at 1500 ON THURSDAY

1-10-63 Received 300 lbs of Calgon
5-1-63 " 600 " " "

8-2-65 new Chemical pump installed
3-28-67 Changed Back to perpotioneer pump

	CHLORINE	RECEIVED	lbs
12-16-60	"	"	450
1-27-61	"	"	600
3-20-61	"	"	600
4-4-61	"	"	300
6-22-61	"	"	300
7-20-61	"	"	300
8-15-61	"	"	300
9-11-61	"	"	300
11-28-61	"	"	600
1-26-62	"	"	600
12-31-62	"	"	600
3-6-63	"	"	600
4-24-63	"	"	300
6-11-63	"	"	600
7-30-63	"	"	600
4-17-64	"	"	300
8-25-64	"	"	600

BOTH BRINE PITS CLEANED OUT
ON 8-30-60

Changed to South end of Brine pit 11-19-61
" " North " " " " 5-1-61
estimated 70,000 lbs of salt
CHANGED TO SOUTH END OF BRINE PIT 8-15-61
" " NORTH " " " "
" " SOUTH " " " " 9-22-61
" " NORTH " " " " 11-21-61
" " SOUTH " " " " 2-26-62
" " NORTH " " " " 10-8-62
" " SOUTH " " " " 1-2-63
" " NORTH " " " " 2-21-63
" " SOUTH " " " " 4-25-63
" " NORTH " " " " 6-4-63
" " SOUTH " " " " 1-17-64
BOTH BRINE PITS CLEANED OUT IN JAN- 1966

ELEVATED TANK DRAINED AT 0500
ON THE 8-31-60 FOR INSPECTION

ELEVATED TANK BLOWED OFF AT 11.00
ON 3-22-61
ELEVATED TANK DRAINED ON 7-14-61
FOR PAINTING. WAS BACK IN
OPERATION ON 7-25-61

5-2-63 ELEVATED TANK DRAINED FOR INSPECTION
OFF AT 1200 BACK ON AT 1500

RECORD OF SALT, AMOUNT AND LOCATION

4-20-60	4	LOADS	ABOUT	56.000	LBS.	IN	SOUTH	END	OF PIT
" " "	2	"	"	28.000	"	"	NORTH	"	" "
6-29-60	7	"	"	86000	"	"	NORTH	"	" "
8-30-60	3	"	"	36000	"	"	"	"	" "
10-18-60	2	"	"	24000	"	"	"	"	" "
10-20-60	3	"	"	36000	"	"	"	"	" "
11-2-60	4½	"	"	54000	"	"	SOUTH	"	" "
11-2-60	½	"	"	6000	"	"	NORTH	"	" "
11-4-60	1	"	"	12000	"	"	"	"	" "
11-4-60	1	"	"	12000	"	"	SOUTH	"	" "
12-6-60	8	"	"	86000	"	"	NORTH	"	" "
12-22-60	8	"	"	86000	"	"	SOUTH	"	" "
1-4-61	1	"	"	12000	"	"	"	"	" "
1.4-61	2	"	"	24000	"	"	NORTH	"	" "
1-27-61	5	"	"	60,000	"	"	"	"	" "
2-27-61	2	"	"	24000	"	"	SOUTH	"	" "
3-23-61	3	"	"	36000	"	"	"	"	" "
11-25-61	7	"	"	70,000	"	"	NORTH	"	" "
5-24-61	8	"	"	86.000	"	"	"	"	" "
6-27-61	8	"	"	86000	"	"	"	"	" "
8-15-61	2	"	"	21500	"	"	"	"	" "
8-15-61	6	"	"	64500	"	"	SOUTH	"	" "
8-23-61	3	"	"	33000	"	"	"	"	" "
8-24-61	3	"	"	33000	"	"	NORTH	"	" "
9-27-61	6½	"	"	70.000	"	"	"	"	" "
10-27-61	8	"	"	86000	"	"	SOUTH	"	" "
11-21-61	3	"	"	37500	"	"	"	"	" "
12-21-61	7	"	"	70000	"	"	NORTH	"	" "
1-21-62	8	"	"	86000	"	"	"	"	" "
2-20-62	3	"	"	33000	"	"	"	"	" "

DRAINED RESERVIOR, ON 4-9-58.
STOPED PUMPS AT 1800 ON 4-9-58
WAS DRAINED BY 1000 ON 4-10-58.
STARTED CLEANING AND WAS THROUGH BY 1600,
AND PUMPS STARTED.

AT THIS TIME THERE IS 600 lbs OF SALT FIGURED FOR EACH REGENERATION. AND 6400 gals OF WATER. USED FOR WASH AND RINS.
THERE HAS BEN AN ESTIMATION MADE OF THIS.
WHICH IS ABOUT 6.400 gal. OF WASH AND RINS WATE USED FOR EACH 100.000 gals OF WATER DELIVERED.
AND ABOUT 425 lbs SALT USED FOR EVER 100.000 gals.
THIS BEING 2.24.60.

Stock #no. to order Alum
next time is Federal Supply
Cat. C-6800-12