HOURS OPERATED

RECEIVED
DIVISION OF OIL, GAS & MINING

Aug 83

DATE	DEWATERING PUMPS GALLONS PER MIN. 3200 gpm 1	2900 gpm 2	3400 gpm 3	1500 gpm 4	3,300 gpm 6	4,300 gpm 10	SOUTH PUMPING STATION GALLONS PER MIN. 5000 1	10,000 2	10,000 3			10,000 6	2,500 gpm 7
		Hours per day Running pump											
1	24	24	24	24	24	24	—	—	—			—	24
2	24	24	24	24	24	24	—	—	—			—	24
3	24	24	24	24	24	24	—	—	—			—	24
4	24	24	24	24	24	24	—	—	—			—	24
5	24	24	24	24	24	24	—	—	—			—	24
6	24	24	24	24	24	24	—	—	—			—	24
7	24	24	24	24	24	24	—	—	—			—	24
8	24	24	24	24	24	24	—	—	—	—		—	24
9	24	22	24	22	24	24	Shut down 2 & 4 when trying to start #2					—	24
10	24	22	24	22	24	24	"	"	"	"		—	24
11	24	24	24	24	24	24	"	"	"	"		—	24
12	24	24	24	24	24	24	"	"	"	"		—	24
13	24	24	24	24	24	24	"	"	"	"		—	24
300 gpm 14	24	24	24	24	24	24	"	"	"	"		—	24
P-8 15	24	24	24	24	24	24	~~Shut down P2 while [illegible]~~						24
2 16	24	22	24	24	24	24	Shut down P2 While Running P8						24
4 17	24	24	24	20	24	24	"	"	P4	"	"	"	24
4 18	24	24	24	20	24	24	"	"	"	"	"	"	24
6 19	24	24	24	18	22	24	"	"	"	"	"	"	24
20	24	24	24	24	24	24	—	—	—	—	—	—	24
21	24	24	24	24	24	24	—	—	—	—	—	—	24
22	24	24	24	24	24	24	—	—	—	—	—	—	24
23	24	24	24	24	24	24	—	—	—	—	—	—	24
1 24	24	24	24	23	24	24	Shut down P4 to Run P8					—	24
5 25	24	24	24	19	24	24	Shut down P4 to Run P8						24
7 26	24	24	24	24	24	24	—	—	—	—	—	—	24
— 27	23	23	23	23	23	23	Power outage			—	—	—	24
— 28	23	23	23	23	23	23	"		"	—	—	—	24
7 29	24	2900 24	24	24	24	24	—	—	—	—	—	—	24
300 24 30	3200 24	2900 24	3400 24	1500 24	3300 24	4300 = 24	18,900 gpm						24
24 31	24	24	24	24	24	24	P2 Sucking air again						24

HOURS OPERATED

July 1983

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	3150 gpd	2,000 gpd	3,500 gpd	1500 gpd	2650 gpd	4300 gpd	5000	10,000	10,000			10,000	2,500 gpd.
	1	2	3	4	5	10	1	2	3			6	7
	— Hours per day pumps ran. —												
1	24	24	24	24	24	24	—	—	—			—	24
2	24	24	24	24	24	24	—	—	—			—	24
3	24	24	24	24	24	24	—	—	—			—	24
4	24	24	24	24	24	24	—	—	—			—	24
5	24	24	24	24	24	24	—	—	—	Pump	Went off	—	20 (?)
6	3100 24	2000 ? 24	3500 24	1500 ? 24	3650 24	4300 24	= 18,050 gpm —	—	—			—	24
7	24	24	24	24	24	24	—	—	—				24
8	24	24	24	24	24	24	—	—	—				24
9	24	24	24	24	24	24	—	—	—	—	—	—	24
10	24	24	24	24	24	24	—	—	—				24
11	24	24	24	24	24	24	—	—	—				24
12	24	24	24	24	24	24	—	—	—				24
13	24	24	24	24	24	24	—	—	—				24
14	24	24	24	24	24	24	—	—	—				24
15	20(?)	24	24	24	24	24	#1 Went off during Weekend						24
16	24	24	24	24	24	24	—	—	—	—	—	—	24
17	24	24	24	24	24	24	—	—	—	—	—	—	24
18	24	24	24	24	24	24	—	—	—	—	—	—	24
19	24	24	24	24	24	24	—	—	—	—	—	—	24
20	24	24	24	24	24	24	—	—	—	—	—	—	24
21	24	24	24	24	24	24	—	—	—	—	—	—	24
22	24	24	24	24	24	24	—	—	—	—	—	—	24
23	24	24	24	24	24	24	—	—	—	—	—	—	24
24	24	24	24	24	24	24	—	—	—	—	—	—	24
25	24	24	24	24	24	24	—	—	—	—	—	—	24
26	24	24	24	24	24	24	—	—	—	—	—	—	24
27	24	24	24	24	24	24	—	—	—	—	—	—	24
28	24	24	24	24	24	24	—	—	—	—	—	—	24
29	24	24	24	24	24	24	—	—	—	—	—	—	24
30	24	24	24	24	24	24	—	—	—	—	—	—	24
31	24	24	24	24	24	24	—	—	—	—	—	—	24

[illegible] OPERATED

June 1983

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	3200 gpd	2,000 gpd	3250 gpd	2,000 gpd	3700 gpd	4,200 gpd	5000	10,000	10,000			10,000	2500 gpd
	1	2	3	4	6	10	1	2	3			6	7
	Hours per day the pumps ran												
1	24	24	24	24	24	24	0	0	0			0	24
2	24	24	24	24	24	24	0	0	0			0	24
3	24	24	24	24	24	24	0	0	0			0	24
4	24	24	24	24	24	24	0	0	0			0	24
5	24	24	24	24	24	24	0	0	0			0	24
6	24	24	24	24	24	24	0	0	0			0	~~24~~ 20
7	24	24	24	24	24	24	0	0	0			0	24
8	24	24	24	24	24	24	0	0	0			0	24
9	24	24	24	24	24	24	0	0	0			0	24
10	24	24	24	24	24	24	0	0	0			0	24
11	24	24	24	24	24	24	0	0	0			0	24
12	24	24	24	24	24	24	0	0	0			0	24
13	24	24	24	24	24	24	0	0	0			0	24
14	24	24	24	24	24	24	0	0	0			0	24
15	24	24	24	24	24	24	0	0	0			0	24
16	24	24	24	24	24	24	0	0	0			0	24
17	24	24	24	24	24	24	0	0	0			0	24
18	24	24	24	24	24	24	0	0	0			0	24
19	24	24	24	24	24	24	0	0	0			0	24
20	24	24	24	24	24	24	0	0	0			0	24
21	24	24	24	24	24	24	0	0	0			0	24
22	24	24	24	24	24	24	0	0	0			0	24
23	24	24	24	24	24	24	0	0	0			0	24
24	24	24	24	24	24	24	0	0	0			0	24
25	24	24	24	24	24	24	0	0	0			0	24
26	24	24	24	24	24	24	0	0	0			0	24
27	24	24	24	24	24	24	0	0	0			0	24
28	24	24	24	24	24	24	0	0	0			0	24
29	24	24	24	24	24	24	0	0	0			0	24
30	24	24	24	24	24	24	0	0	0			0	24

[illegible] TIMES

[illegible] OPERATED

1983
May

	DEWATERING PUMPS						SOUTH PUMPING STATION						
	GALLONS PER MIN.						GALLONS PER MIN.						
	3600 gpm	3200 gpm	3800 gpm	3000 gpm	3800 gpm	4300 gpm	5000	10,000	10,000			10,000	2500
DATE	1	2	3	4	5	10	1	2	3			6	7
	Hours per day the pumps ran												
1	24	0	24	24	24	24	No pump in South Lift Station						
2	24	0	24	24	24	24	"	"		"	"	"	"
3	24	0	24	24	24	24		"	"	"	"	"	"
4	24	0	24	24	24	24		"	"	"	"	"	"
5	24	0	24	24	24	24		"	"	"	"	"	"
6	24	0	24	24	24	24		"	"	"	"	"	"
7	24	0	24	24	24	24		"	"	"	"	"	"
8	24	0	24	24	24	24		"	"	"	"	"	"
9	24	0	24	24	24	24		"	"	"	"	"	"
10	24	0	24	24	24	24		"	"	"	"	"	"
11	24	0	24	24	24	24		"	"	"	"	"	"
12	24	0	24	24	24	24		"	"	"	"	"	"
13	24	0	24	24	24	24	Changed motors on P10 & New motor drug too many amps.						
14	24	0	24	24	24	10							
15	24	0	24	24	24	—		"	"	"	"	"	"
16	21½	0	21½	21½	21½	12	Power off 3½ hrs						
17	24	0	24	24	24	12	motor on P10 froze up						
18	24	12	24	24	24	0	No pump in South Lift						
19	24	24	24	24	24	0		"	"	"	"		"
20	24	24	24	24	24	0	0	0	0	0	0	0	12
21	24	24	24	24	24	0	0	0	0	0	0	0	24
22	24	24	24	24	24	0	0	0	0	0	0	0	24
23	24	24	24	24	24	0	0	0	0	0	0	0	24
24	24	24	24	3000 24	24	0	0	0	0	0	0	0	24
25	3600 24	3200 24	3800 24	~~[illegible]~~ 24	3800 24	0	0	0	0	0	0	0	24
26	24	24	24	24	24	Came on 1:00 P.M.	0	0	0	0	0	0	24
27	3300 24	2000 24	3800 24	2000 24	3700 24	11 hrs 4300 24	0	0	0	0	0	0	24
28	24	24	24	24	24	24	0	0	0	0	0	0	24
29	24	24	24	24	24	24	0	0	0	0	0	0	24
30	24	24	24	24	24	24	0	0	0	0	0	0	24
18,950	3200 24	2000 ? 24	3750 24	2000 ? 24	3700 24	4300 20							

PUMPS OPERATED

April 83

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	3600 gpm	3200 gpm	3800 gpm	2000 gpm	3800 gpm	4300 gpm	5000	10,000	10,000			10,000	2500
	1	2	3	4	5	6	1	2	3			6	7
	Hours per Day the pumps run												
1	24	0	24	24	24	24	No pumps in Lift Station						
2	24	0	24	24	24	24	"	"	"	"	"		
3	24	0	24	24	24	24	"	"	"	"	"		
4	24	0	24	24	24	24	"	"	"	"	"		
5	24	0	24	24	24	24	"	"	"	"	"		
6	24	0	24	24	24	24	"	"	"	"	"		
7	24	0	24	24	24	24	"	"	"	"	"		
8	24	0	24	24	24	24	"	"	"	"	"		
9	24	0	24	24	24	24	"	"	"	"	"		
10	24	0	24	24	24	24	"	"	"	"	"		
11	24	0	24	24	24	24	"	"	"	"	"		
12	24	0	24	24	24	24	"	"	"	"	"		
13	24	0	24	24	24	24	"	"	"	"	"		
14	24	0	24	24	24	24	"	"	"	"	"		
15	24	0	24	24	24	24	"	"	"	"	"		
16	24	0	24	24	24	24	"	"	"	"	"		
17	24	0	24	24	24	24	"	"	"	"	"		
18	24	0	24	24	24	24	"	"	"	"	"		
19	24	0	24	24	24	24	"	"	"	"	"		
20	24	0	24	24	24	24	"	"	"	"	"		
21	24	0	24	24	24	24	"	"	"	"	"		
22	24	0	24	24	24	24	"	"	"	"	"		
23	24	0	24	24	24	24	"	"	"	"	"		
24	24	0	24	24	24	24	"	"	"	"	"		
25	24	0	24	24	24	24	"	"	"	"	"		
26	24	0	24	24	24	24	"	"	"	"	"		
27	24	0	24	24	24	24	"	"	"	"	"		
28	24	0	24	24	24	24	"	"	"	"	"		
29	24	0	24	24	24	24	"	"	"	"	"		
30	24	0	24	24	24	24	"	"	"	"	"		
	800		800	800	1000	1000							

1982
MARCH

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	3600 gpd	3200 gpd	3800 gpd	3,000 gpd	4000 gpd	4300 gpd	5000	10,000	10,000			10,000	2500
	1	2	3	4	5	6	1	2	3			6	7
	Hours per day the pumps Ran												
1	24	24	24	24	Working	24	No Pumps South						
2	24	24	24	24	"	24		"	"	"			
3	24	24	24	24	"	24		"	"	"			
4	24	24	24	24	Setting pump	24		"	"	"			
5	24	24	24	24	"	24		"	"	"			
6	24	24	24	24	"	24		"	"	"			
7	24	24	24	24	"	24		"	"	"			
8	24	24	24	24	"	24		"	"	"			
9	24	24	24	24	"	24		"	"	"			
10	24	24	24	24	"	24		"	"	"			
11	24	24	24	24	"	24		"	"	"			
12	24	24	24	24	"	24		"	"	"			
13	24	24	24	24	"	24		"	"	"			
14	24	24	24	24	"	24		"	"	"			
15	24	24	24	24	"	24		"	"	"			
16	24	24	24	24	"	24		"	"	"			
17	24	24	24	24	"	24		"	"	"			
18	24	24	24	24	2	22		"	"	"			
19	24	24	24	24	—	24		"	"	"			
20	24	24	24	24	—	24		"	"	"			
21	24	24	24	24	4000 16	8		"	"	"			
22	24	24	24	24	24	0		"	"	"			
23	24	24	24	24	24	0		"	"	"			
24	24	24	24	24	24	0		"	"	"			
25	24	14½	24	24	24	9½		"	"	"	Starting to work #2		
26	24	0	24	24	24	24		"	"	"			
27	24	0	24	24	24	24		"	"	"			
28	24	0	24	24	24	24		"	"	"			
29	24	0	24	24	24	24		"	"	"			
30	24	0	24	24	24	24		"	"	"			
31	24	0	24	24	24	24		"	"	"			

FEBRUARY 1983	DEWATERING PUMPS GALLONS PER MIN.						SUMP PUMPING STATION GALLONS PER MIN.						
	3500	2700	4400	3500		4400	5000	10,000	10,000			10,000	2500
DATE	1	2	3	4	6	PW	1	2	3			6	7
1	24	24	24	24	0	Deepening Pt 24	0	0	0			0	24
2	24	24	24	24	0	24	0	0	0			0	24
3	24	24	24	24	0	24	0	0	0			0	24
4	24	24	24	24	0	24	0	0	0			0	24
5	24	24	24	24	0	24	0	0	0			0	24
6	24	24	24	24	0	24	0	0	0			0	24
7	24	24	24	24	0	24	0	0	0			0	24
8	24	24	24	24	0	24	Sand Creek Running Water					0	9
9	24	24	24	24	0	24	Shut off -					0	0
10	24	24	24	24	0	24	0	0	0			0	0
11	24	24	24	24	0	24	0	0	0			0	0
12	24	24	24	24	0	24	0	0	0			0	0
13	24	24	24	24	0	24	0	0	0			0	0
14	24	24	24	24	0	24	0	0	0			0	0
15	24	24	24	24	0	24	0	0	0			0	0
16	24	24	24	24	0	24	0	0	0			0	0
17	24	24	24	24	0	24	0	0	0			0	0
18	~~24~~ 22	~~24~~ 22	~~24~~ 22	~~24~~ 22	0	24	0	0	0			0	0
19	24	24	24	24	0	Sink 24 Casing	0	0	0			0	0
20	24	24	24	24	0	24	0	0	0			0	0
21	24	24	24	24	0	24	0	0	0			0	0
22	24	24	24	24	0	24	0	0	0			0	0
23	24	24	24	24	0	24	0	0	0			0	0
24	24	24	24	24	0	24	0	0	0			0	0
25	24	24	24	24	0	24	0	0	0			0	0
26	24	24	24	24	0	24	0	0	0			0	0
27	24	24	24	24	0	24	0	0	0			0	0
28	24	24	24	24	0	24	0	0	0			0	0
29													
30													
31													

HOURS OPERATED

January 1983		DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
		3500	2700	4400	3500		4400	5000	10,000	10,000			10,000	2500
DATE		1	2	3	4	6	P10	1	2	3			6	7
		Hours per day the pumps ran												
1	1	24	0	24	24	24	24	#7 in So. Pump Station						24
2	2	24	0	24	24	24	24							24
	3	24	0	24	24	24	24							24
	4	24	0	24	24	24	24							24
	5	24	0	24	24	24	24							24
	6	24	0	24	24	24	24							24
	7	24	0	24	24	24	24							24
	8	24	0	24	24	24	24							24
	9	24	0	24	24	24	24							24
	10	24	10	24	24	14	24	Started work on P6						24
	11	24	24	24	24	0	24							24
	12	24	24	24	24	0	24							24
	13	24	24	24	24	0	24							24
	14	24	24	24	24	0	24							24
	15	24	24	24	24	0	24							24
	16	24	24	24	24	0	24							24
	17	24	24	24	24	0	24							24
	18	24	24	24	24	0	24							24
	19	24	24	24	24	0	24							24
	20	24	24	24	24	0	24							24
	21	24	24	24	24	0	24							24
	22	24	24	24	24	0	24							24
	23	24	24	24	24	0	24							24
	24	24	24	24	24	0	24							24
	25	24	24	24	24	0	24							24
	26	24	24	24	24	0	24							24
	27	24	24	24	24	0	24							24
	28	24	24	24	24	0	24							24
	29	24	24	24	24	0	24							24
	30	24	24	24	24	0	24							24
	31	24	24	24	24	0	24							24

HOURS OPERATED

198	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STA GALLONS PER MIN.					
	3600	2750	4400	2500	3800	4650	5000	10,000	10,000			10,000
DATE	1	2	3	4	5	10	1	2	3			6
Dec. 1	24	0	24	24	24	24	#7	pump in	Lift	Station		
2	24	0	24	24	24	24	#7	"	"	"	"	
3	24	0	24	24	24	24	#7	"	"	"	"	
4	24	0	24	24	24	24	#7	"	"	"	"	
5	24	0	24	24	24	24	#7	"	"	"	"	
6	24	0	24	24	24	24	#7	"	"	"	"	
7	24	0	24	24	24	24	#7	"	"	"	"	
8	24	0	24	24	24	24	#7	"	"	"	"	
9	24	0	24	24	24	24	#7	"	"	"	"	
10	24	0	24	24	24	24	#7	"	"	"	"	
11	24	0	24	24	24	24	#7	"	"	"	"	
12	24	0	24	24	24	24	#7	"	"	"	"	
13	24	0	24	24	24	24	#7	"	"	"	"	
14	24	0	24	24	24	24	#7	"	"	"	"	
15	24	13½	10½	24	24	24	#7	"	"	"	"	Lower #13 24 hr
16	24	24	0	24	24	24	#7	"	"	"	"	
17	24	10	14	24	24	24	#7	"	"	"	"	
18	24	0	24	24	24	24	#7	"	"	"	"	
19	24	0	24	24	24	24	#7	"	"	"	"	
20	24	0	24	24	24	24	#7	"	"	"	"	
21	24	0	24	24	24	24	#7	"	"	"	"	
22	24	0	24	24	24	24	#7	"	"	"	"	
23	24	0	24	24	24	24	#7	"	"	"	"	
24	24	0	24	24	24	24	#7	"	"	"	"	
25	24	0	24	24	24	24	#7	"	"	"	"	
26	24	0	24	24	24	24	#7	"	"	"	"	
27	24	0	24	24	24	24	#7	"	"	"	"	
28	24	0	24	24	24	24	#7	"	"	"	"	
29	24	0	24	24	24	24	#7	"	"	"	"	
30	24	0	24	24	24	24	#7	"	"	"	"	
31	24	0	24	24	24	24	#7	"	"	"	"	

November 1982

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	3500	2700	4400	3500	4000	4400	5000	10,000	10,000			10,000	2,000
	1	2	3	4	6	10	1	2	3			6	7
1	24	24	24	24	24		#1 Running in G. Pump Station						
2	24	24	24	24	24		"	"		"	"	"	"
3	24	24	24	24	24		"	"		"	"	"	"
4	24	24	24	24	24		"	"		"	"	"	"
5	24	24	24	24	24		"	"	"	"	"	"	"
6	24	24	24	24	24		"	"	"	"	"	"	"
7	24	24	24	24	24		"	"	"	"	"	"	"
8	24	24	24	24	24		"	"	"	"	"	"	"
9	24	24	24	24	24		"	"	"	"	"	"	"
10	24	20½	24	24	24	3½	"	"	"	"	"	"	"
11	24	17½	24	22	24	6½	"	"	"	"	"	"	"
12	24	16	24	20	24	6	"	"	"	"	"	"	"
13	24	0	24	24	24	0	"	"	"	"	"	"	"
14	24	0	24	24	24	0	"	"	"	"	"	"	"
15	24	Bearing on Oil Slinger	24	24	24	16	"	"		"	"	"	"
16	24		24	24	24	24	"	"		"	"	"	"
17	24	0	24	24	24	24	"	"	"	"	"	"	"
18	24	13	24	11	24	24	"	"	"	"	"	"	"
19	24	24	24	0	24	24	"	"	"	"	"	"	"
20	24	24	24	0	24	24	"	"		"	"	"	"
21	24	24	24	0	24	24	"	"		"	"	"	"
22	3600 24	2750 24	4400 24	0	3800 24	4650 24	"	"	"	"	"	"	"
23	24	24	24	5	24	17	"	"	"	"	"	"	"
24	24	0	24	16	24	24	"	"	"	"	"	"	"
25	24	0	24	24	24	24	"	"	"	"	"	"	"
26	24	0	24	24	24	24	"	"		"	"	"	"
27	24	0	24	24	24	24	"	"		"	"	"	"
28	24	0	24	24	24	24	"	"		"	"	"	"
29	*10	24	24	24	24	24	"	"		"	"	"	"
30	8½	15½	24	24	24	24	"	"		"	"	"	"

* Lowering 15 ft today

[illegible] OPERATED

October 1982

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	GPM 3500	GPM 2700	GPM 4400	GPM ? 4400	GPM 4000	GPM. 19000	5000	10,000	10,000			10,000	2500
	1	2	3	4	6		1	2	3			6	7
1	24 Hr	12 Hr	24 Hr	24 Hr	24 Hr		#7 Ran at Co. Pump Station						
2	24	0	24	24	24		"	"	"	"	"		"
3	24	0	24	24	24		"	"	"	"	"		"
4	24	16	24	24	24		"	"	"	"	"		"
5	24	24	24	24	24		"	"	"	"	"		"
6	Oil Change 23	24	Oil Change 23	24	24		"	"	"	"	"		"
7	24	24	24	← Oil Change → 23	23		"	"	"	"	"		"
8	24	16	24	24	24		"	"	"	"	"		"
9	24	0	24	24	24		"	"	"	"	"		"
10	24	0	24	24	24		"	"	"	"	"		"
11	24	16	24	24	24		"	"	"	"	"		"
12	24	24	24	24	24		"	"	"	"	"		"
13	24	24	24	24	24		"	"	"	"	"		"
14	24	24	24	24	24		"	"	"	"	"		"
15	24	24	24	24	24		"	"	"	"	"		"
16	24	24	24	24	24		"	"	"	"	"		"
17	24	24	24	24	24		"	"	"	"	"		"
18	24	24	24	24	24		"	"	"	"	"		"
19	24	24	24	24	24		"	"	"	"	"		"
20	24	24	24	24	24		"	"	"	"	"		"
21	24	24	24	24	24		"	"	"	"	"		"
22	24	24	24	24	24		"	"	"	"	"		"
23	24	24	24	24	24		"	"	"	"	"		"
24	24	24	24	24	24		"	"	"	"	"		"
25	24	24	24	24	24		"	"	"	"	"		"
26	24	24	24	24	24		"	"	"	"	"		"
27	24	24	24	24	24		"	"	"	"	"		"
28	24	24	24	24	24		"	"	"	"	"		"
29	24	24	24	24	24		"	"	"	"	"		"
30	24	24	24	24	24		"	"	"	"	"		"
31	24	24	24	24	24		"	"	"	"	"		"

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

September 1982

DATE	DEWATERING PUMPS GALLONS PER MIN.					SOUTH PUMPING STATION GALLONS PER MIN.						
	4000 gpm	3700 gpm	4600 gpm	4500 gpm	4300 gpm	5000	10,000	10,000			10,000	2500
	1	2	3	4	6	1	2	3			6	7
1	24	0	24	20	24		#7	South	Lift		Station	
2	24	0	24	20	24		#7	"	"		"	
3	24	0	24	20	24		#7	"	"		"	
4	24	0	24	20	24		#7	"	"		"	
5	24	0	24	20	24		#7	"	"		"	
6	24	0	24	20	24		#7	"	"		"	
7	24	0	24	20	24		#7	"	"		"	
8	24	0	24	20	24		#7	"	"		"	
9	24	0	24	20	24		#7	"	"		"	
10	24	0	24	20	24		#7	"	"		"	
11	24	0	24	20	24		#7	"	"		"	
12	24	0	24	20	24		#7	"	"		"	
13	24	0	24	20	24		#7	"	"		"	
14	24	0	24	20	24		#7	"	"		"	
15	24	0	24	20	24		#7	"	"		"	
16	24	0	24	20	24		#7	"	"		"	
17	24	0	24	20	24		#7	"	"		"	
18	24	0	24	20	24		#7	"	"		"	
19	24	0	24	20	24		#7	"	"		"	
20	24	0	24	20	24		#7	"	"		"	
21	24	0	24	20	24		#7	"	"		"	
22	24	0	24	20	24		#7	"	"		"	
23	24	0	24	20	24		#7	"	"		"	
24	24	0	24	20	24		#7	"	"		"	
25	24	0	24	20	24		#7	"	"		"	
26	24	0	24	20	24		#7	"	"		"	
27	24	0	24	20	24		#7	"	"		"	
28	24	0	24	24	24		#7	"	"		"	
29	24	0	24	24	24		#7	"	"		"	
30	24	12	24	24	24		#7	"	"		"	
31												

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1982
August

DATE	DEWATERING PUMPS GALLONS PER MIN. 4000 gpm	2700 gpm	4600 gpm	4500 gpm	4300 gpm	SOUTH PUMPING STATION GALLONS PER MIN. 5000	10,000	10,000			10,000	2500	
	1	2	3	4	6	1	2	3			6	7	
	Hours the pumps ran												
1	24	0	24	20	24	No pump.							
2	24	0	24	20	24	No pump.							
3	24	0	24	20	24	No pump							
4	24	0	24	20	24	No pump							
5	24	0	24	20	24	No pump.							
6	24	0	24	20	24	No Pump.							
7	24	0	24	20	24	No Pump							
8	24	0	24	20	24	No Pump.							
9	24	0	24	20	24	#7 pump Lime Line 2:00 P.M.							
10	24	0	24	20	24	#7 pump.							
11	24	0	24	20	24	#7 pump.							
12	24	0	24	20	24	#7 pump.							
13	24	0	24	20	24	#7 pump.							
14	24	0	24	20	24	#7 pump.							
15	24	0	24	20	24	#7 "							
16	24	0	24	20	24	"							
17	24	0	24	20	24	"							
18	24	0	24	20	24	"							
19	24	4	24	16	24	"							
20	24	0	24	20	24	"							
21	24	0	24	20	24	"							
22	24	0	24	20	24	"							
23	24	7	24	13	24	#7 Probably a power bump went off during the night							
24	24	0	24	20	24	#7 all night -							
25	24	0	24	20	24	#7 " "							
26	24	0	24	20	24	#7 " "							
27	24	0	24	20	24	#7 " "							
28	24	0	24	20	24	#7 " "							
29	24	0	24	20	24	#7 " "							
30	24	0	24	20	24	#7 " "							
31	24	0	24	20	24	#7 " "							

1982
July

DATE		DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
		4500 gpm	—	4600 gpm	4500 gpm	4375 gpm	700 gpm	5000	10,000	10,000			10,000	2500
		1	2	3	4	6	#6	1	2	3			6	7
		Hours the pumps run												
1	1	24	0	24	24	24	0	#7 pump in Left Station						
2	2	24	0	24	24	23	1		"		"	"	"	
3	3	24	0	24	24	24	0		"		"	"	"	
4	4	24	0	24	24	24	0		"		"	"	"	
5	5	24	0	24	24	24	0		"		"	"	"	
	6	24	0	24	20	24	0		"		"	"	"	
	7	20	0	20	20	20	0	#7-20 hrs						
	8	24	0	24	20	24	0	#7 - 24 hrs.						
	9	24	0	24	20	24	0		"	"				
	10	24	0	24	20	24	0		"	"				
	11	24	0	24	20	24	0		"	"				
	12	24	0	24	20	24	0		"	"				
	13	24	0	24	20	24	0		"	"				
	14	24	0	24	20	24	0		"	"				
	15	24	0	24	20	24	0		"	"				
	16	24	0	24	20	24	0		"	"				
	17	24	0	24	20	24	0		"	"				
	18	24	0	24	20	24	0		"	"				
	19	24	0	24	20	23	1		"	"				
	20	24	0	24	20	23½	½		"	"				
	21	24	0	24	20	24	—		"	"				
	22	24	0	24	20	24	—		"	"				
	23	24	0	24	20	24	—	#7 Went off at 10:00 p.m.						
	24	24	0	24	20	24	—	No Pump						
	25	24	0	24	20	24	—	No Pump						
	26	24	0	24	20	24	—	No Pump.						
	27	24	0	24	20	24	½	No pump.						
	28	24	0	24	20	24	½	No Pump.						
	29	24	0	24	20	24	½	No Pump.						
	30	24	0	24	20	24	½	No Pump.						
	31	24	0	24	20	24	—	No pump.						

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1983
June

DATE	DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
	4000	—	4600	4500	4300	700 gpm	5000	10,000	10,000			10,000	2500
	1	2	3	4	6	#8	1	2	3			6	7
	Hours the pumps ran.												
1	24	0	24	24	24			#7 pump Running					
2	24	0	24	24	24			#7 pump Running					
3	24	0	24	24	24			#7 pump Running					
4	24	0	24	24	24			#7 "	"				
5	24	0	24	24	24			#7 "	"				
6	24	0	24	24	24			#7 "	"				
7	24	0	24	24	24			#7 "	"				
8	24	0	24	24	21½	2½		#7 "	"				
9	24	0	24	24	21½	2½		#7 "	"				
10	24	0	24	24	21½	2½		#7 "	"				
11	24	0	24	24	21½	2½	#7 + #1	#7 "	"	"	Until 4:00 P.M. After 4:00 P.M.		
12	24	0	24	24	24		#7 + #1 Running						
13	24	0	24	24	24		#7 + #1 Running						
14	24	0	24	24	24		#7 + #1 Running						
15	24	0	24	24	22½	1½	#7 + #1	"					
16	24	0	24	24	24	—	#7 + #1	"					
17	24	0	24	24	24	—	#7 + #1	"					
18	24	0	24	24	24	—	#7 + #1	"					
19	24	0	24	24	24	—	#7 + #1	"					
20	24	0	24	24	24	—	#7 + #1	"					
21	~~#~~ 23	0	24	24	24	1 hr	#7 + #1	"			8000 g/m on Holt Property.		
22	24	0	24	24	22	2 hr	#7 Ran all day	#1 Went off at 0800 a.m.					
23	24	0	4650 24	24	4375 22	2 hr	#7 until 5:00 P.m.				Then off		
24	24	0	24	24	22	2 hr	#7 all day						
25	24	0	24	24	22	2 hr	#7 Ran all day.						
26	24	0	24	24	24	—	"	"	"	"			
27	24	0	24	24	24	—	"	"	"	"			
28	24	0	24	24	24		#7	"	"	"			
29	24	0	24	24	23	1 hr	#7	"	"	"			
30	24	0	24	24	~~24~~	~~1 hr~~	#7	"	"	"			
31					24	1 hr							

PUMP OPERATING TIMES
HOURS OPERATED

1982		DEWATERING PUMPS GALLONS PER MIN.						SOUTH PUMPING STATION GALLONS PER MIN.						
		4300 gpm	3400 gpm	5150 gpm	4900 gpm	4800 gpm		5000	10,000	10,000			10,000	2500
DATE		1	2	3	4	5	8	1	2	3			6	7
		Hours the pumps ran												
MAY	1	24	24	24	24	24		#1 pump pumping South.						
	2	24	24	24	24	24		"		"		"		
	3	24	16	24	24	24		4PM Cut #1 Turned on #7 ~~Cut #7 Turned on #1~~						
	4	24	0	24	24	24		~~8AM Cut #7 Turned on #1~~ Ran #7						
	5	24	0	24	24	24		#7 16 hrs		#1 8 hrs.				
	6	24	0	24	24	24		#7 12 hrs		#1 12 hrs 12 hrs				
	7	24	10	24	24	24	2	#7 24 hr		#1 24 hrs				
	8	24	24	24	24	24		"		"				
	9	24	24	24	24	24		"		"				
	10	24	24	24	24	24		"		"				
	11	24	24	24	24	24		"		"				
	12	24	24	24	24	24		"		"				
	13	24	24	24	24	24		"		"				
	14	24	24	24	24	24		"		"				
	15	24	24	24	24	24		"		"				
	16	24	24	24	24	24		"		"				
	17	24	24	24	24	24		"		"				
	18	24	22½	24	24	24	1½	"		"				
	19	24	21	24	24	24	3	"		"				
	20	24	10½	24	24	24	6½	"		"				
	21	24	0	24	24	24	2	"		"				
	22	24	0	24	24	24		"		"				
	23	24	0	24	24	24	3	"		"				
	24	24	0	24	24	24		Turned #7 off Left #7 On.						
	25	24	0	24	24	24	2	#7 pump running						
	26	24	0	24	24	24	2	7 pump running.						
	27	24	0	24	24	24		"	"	"				
	28	24	0	14	24	24		"	"	"				
90 72	29	24	0	0	24	24		"	"	"				
90 72	30	24	0	0	24	24		"	"	"				
90 88	31	24	0	16	24	24		"	"	"				
270 232														
252														

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1983

DATE		DEWATERING PUMPS GALLONS PER MIN. 4300 gpm	3400 gpm	5100 gpm	4900 gpm	4800 gpm	700 gpm	SOUTH PUMPING STATION GALLONS PER MIN. 5000	10,000	10,000			10,000	2500
		1	2	3	4	6	8	1	2	3	4		6	7
		Hours the pumps ran												
April	1	24	24	24	24	9½	–	Acidizing P-8						
	2	24	18	24	24	24	6	Lift Station Cycling						
	3	24	24	24	24	24	–		"					
	4	24	24	24	24	24	–		"					
	5	24	18	24	24	24	6		"					
	6	24	18	24	24	24	6		"					
	7	24	24	24	24	24	—		"					
	8	24	24	24	24	24	—		"	Trying to set weir on P-8				
	9	24	~~24~~ 18	24	24	24	6		"					
	10	24	24	24	24	24	—		"					
	11	24	24	24	24	24	—		"	P-8 pumping				
	12	24	~~24~~ 18	24	24	24	6		"					
	13	24	18	24	24	24	6		"					
	14	24	18	24	24	24	6		"	Did not pump 8				
	15	24	24	24	24	24	—		"	in order to force				
	16	24	24	24	24	24	—		"	water as low as				
	17	24	24	24	24	24	—		"	We could for power				
	18	24	24	24	24	24	—		"	outage.				
	19	17½	17½	17½	17½	17½	–	Down 6½ hr Dixie - Escalante						
	20	24	24	24	24	24	–	Cut all Big pumps - Sending 10,000 gpm						
	21	24	24	24	24	24		Trying to adjust Lift Station to pump worth						
	22	24	24	24	24	24		Pumping -		#18	#7 South			
	23	24	24	24	24	24		"		18	7 South			
	24	24	24	24	24	24		"		18	7 "			
	25	24	24	24	24	24		"		18	7 "			
	26	24	24	24	24	24		"		"	"			
	27	24	24	24	24	24		"		7 pump.	"			
	28	24	24	24	24	24				1 pump Running				
	29	24	24	24	24	24				"				
	30	24	24	24	24	24				"				
	31													

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1982 MARCH

DATE	DEWATERING PUMPS GALLONS PER MIN. 4300	3436	5150	4900	4800	700 gpm	SOUTH PUMPING STATION GALLONS PER MIN. 5000	10,000	10,000			10,000	2500
	1	2	3	4	6	8	1	2	3			6	7
	Hours the pumps ran												
1	24	0	24	19	24	5	Cycling –						
2	24	0	24	18	24	6	"						
3	24	0	24	17	24	7	"						
4	24	0	24	17	24	7	Lift Station Went off Last might For some reason						
5	24	0	24	17	24	7	Cycling –						
6	24	0	24	24	24	0	"						
7	24	0	24	24	24	0	"						
8	24	0	24	17	24	7	"						
9	24	0	24	20	24	4	"						
10	24	0	24	17	24	7	"						
11	24	0	24	17	24	7	"						
12	24	0	24	17	24	7	"						
13	24	0	24	24	24	0	"						
14	24	0	24	24	24	0	"						
Put dye in #8 well 15	24	0	24	24	24	0	"						
16	24	0	24	24	24	0	"						
No color to speak of. 17	24	0	24	17	24	7	"						
18	24	0	24	24	24	0	"						
19	24	0	24	24	24	0	"						
20	24	0	24	24	24	0	"						
21	24	0	24	24	24	0	"						
22	24	0	24	~~24~~ 18	24	6	"						
23	24	0	24	18	24	6	"						
24	24	0	24	18	24	6	"						
25	24	8	24	18	24	6	"						
26	24	18	24	24	24	6	"						
27	24	24	24	24	24	0	"						
28	24	24	24	24	24	0	"						
29	24	18	24	24	24	6	"						
30	24	18	24	24	24	6	"						
31	24	18	24	24	24	6	"						

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

FEB 1982

DATE	DEWATERING PUMPS GALLONS PER MIN. 4300 gpm 1	3420 gpm 2	5150 gpm 3	4900 gpm 4	4800 gpm 6	700 gpm #8	SOUTH PUMPING STATION GALLONS PER MIN. 5000 1	10,000 2	10,000 3			10,000 6	2500 7
	Hours the pump ran												
1	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	—	Lift pumps Cycling —						
2	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
3	23 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
4	23 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
5	23 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
6	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		Put 2 dewatering pump Back on						
7	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		~~Bacon~~ 24 Hrs - Controls Froze up						
8	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		Lift pumps Cycling —						
9	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
10	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
11	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
12	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
13	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
14	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
15	24 Hr	16.5 Hr	24 Hr	24 Hr	24 Hr		"	"		"			
16	24 Hr	0	24 Hr	24 Hr	24 Hr		"	"		"			
17	24 Hr	0	24 Hr	22 Hr	24 Hr	2	"	"		"			
18	24 Hr	0	24 Hr	21½ Hr	24 Hr	3½	"	"		"			
19	24 Hr	0	24 Hr	23 Hr	24 Hr	1	"	"		"			
20	24 Hr	0	24 Hr	24 Hr	24 Hr	0	"	"		"			
21	24 Hr	0	24 Hr	24 Hr	24 Hr	0	"	"		"			
22	24 Hr	0	24 Hr	20 Hr	24 Hr	4	"	"		"			
23	24 Hr	0	24 Hr	20 Hr	24 Hr	4	"	"		"			
24	24.0	0	24.0	19.0	24.0	5	"	"		"			
25	24.0	0	24.0	18.0	24.0	6	"	"		"			
26	24.0	0	24.0	20.0	24.0	4	"	"		"			
27	24.0	0	24.0	24.0	24.0	0	"	"		"			
28	24.0	0	24.0	24.0	24.0	0	"	"		"			
29													
30													
31													

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1982	DEWATERING PUMPS GALLONS PER MIN.					SOUTH PUMPING STATION GALLONS PER MIN.						
	4300 gpm	3400 gpm	5100 gpm	4900 gpm	4800 gpm	5000	10,000	10,000			10,000	2500
DATE	1	2	3	4	6	1	2	3			6	7
	Hours the pump ran											
LIAW 1	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	Cycling	—					
2	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
3	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
4	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
5	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
6	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
7	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
8	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
9	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
10	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
11	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
12	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
13	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
14	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
15	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
16	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
17	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
18	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
19	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
20	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
21	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
22	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
23	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
24	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
25	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
26	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
27	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
28	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
29	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
30	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr		"					
31	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr							

#2 pump started Blowing fuse in Control Circuit - Bill on it Monday morning.

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1981 DATE	DEWATERING PUMPS GALLONS PER MIN. 4300 gpm 1	3430 gpm 2	5750 gpm 3	4900 gpm 4	4800 gpm 6	SOUTH PUMPING STATION GALLONS PER MIN. 5000 1	10,000 2	10,000 3			10,000 6	2500 7
	Hours the pumps ran											
December 1	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	— All Pumps Cycling —						
2	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
3	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
4	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
5	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
6	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
7	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
8	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
9	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
10	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
11	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
12	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
13	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
14	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"	"		"			
15	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"		"	"			
16	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"		"	"			
17	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"		"	"			
18	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	"		"	"			
19	24 Hr	10 Hr	24 Hr	24 Hr	24 Hr	"		"	"	D/E Can't Supply Power without Hunter		
20	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
21	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
22	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
23	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
24	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
25	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
26	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
27	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
28	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
29	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
30	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	
31	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr	"		"	"		"	

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1951	DEWATERING PUMPS					SOUTH PUMPING STATION						
	GALLONS PER MIN.					GALLONS PER MIN.						
	4300	3430	5150	4900	4800	5000	10,000	10,000			10,000	2500
DATE	1	2	3	4	6	1	2	3			6	7
	Hours the pumps run											
Nov 1	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	—			24 Hr	—
2	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	—			24 Hr	—
3	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	—			24 Hr	—
4	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	—			24 Hr	—
5	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	—			24 Hr	—
6	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	12 Hr			5 Hr	—
7	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	24 Hr				—
8	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	24 Hr				—
9	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr	5 Hr			16 Hr	—
10	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr				24 Hr	
11	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	24 Hr				24 Hr	
12	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr	
13	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr			24 Hr	
14	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr			24 Hr	
15	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr			24 Hr	
16	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr	12 Hr			8 Hr	
17	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	Pumps Cycling for 24 Hrs						
18	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"	"	
19	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		"	"		"	23 Hrs	
20	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	pumps Cycling during weekend						
21	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	#3 did not come on Sunday Switched						
22	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	To North. #6 was turned off.						
23	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	pumps Cycling						
24	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	pumps Cycling						
25	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
26	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
27	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
28	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
29	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
30	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				
31	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			"				

[illegible] PUMP [illegible] LINES

HOURS OPERATED

1981	DEWATERING PUMPS					SOUTH PUMPING STATION						
	GALLONS PER MIN.					GALLONS PER MIN.						
	4300	3436	5150	4900	4800	5000	10,000	10,000			10,000	2500
DATE	1	2	3	4	6	1	2	3			6	7
	Hours the pumps ran											
October 1	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
2	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
3	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
4	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
5	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
6	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
7	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
8	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
9	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	13 Hr		24 Hr				
10	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	13 Hr		24 Hr				
11	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—		24 Hr				
12	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	16 Hr		24 Hr				
13	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
14	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
15	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
16	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
17	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
18	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
19	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
20	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
21	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
22	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
23	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
24	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
25	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
26	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
27	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
28	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
29	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr				24 Hr
30	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	9 Hr		24 Hr			15 Hr	9 Hr
31	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	~~[illegible]~~ 9 Hr 15 Hr		—			24 Hr	9 Hr

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1981 DATE		DEWATERING PUMPS GALLONS PER MIN.					SOUTH PUMPING STATION GALLONS PER MIN.						
		4300	3436	5150	4900	4800	5000	10,000	10,000			10,000	2500
		1	2	3	4	6	1	2	3			6	7
		Hours the pumps ran											
Sept.	1	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	—	—			—	24 Hr
	2	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
	3	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
	4	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	8 Hr	Whitelaw Came on					24 Hr
#2 BLEW Transformer	5	24 Hr	20 Hr	24 Hr	24 Hr	24 Hr							24 Hr
	6	24 Hr	Down	24 Hr	24 Hr	24 Hr	16 ~~8~~ Hr						~~16~~ 8 Hr
	7	24 Hr	Down	24 Hr	24 Hr	24 Hr	~~24 Hr~~						24 Hr
	8	24 Hr	Down	24 Hr	24 Hr	24 H	—						24 Hr
	9	24 Hr	Down	24 Hr	24 Hr	24 Hr	—						24 Hr
	10	24 Hr	Down	24 Hr	24 Hr	24 Hr	—						24 Hr
	11	24 Hr	Down	24 Hr	24 Hr	24 Hr	—						24 Hr
Power off 1 Hr	12	23 Hr	Down	23 Hr	23 Hr	23 Hr	—						23 Hr
Power off 1½ Hr	13	22½ Hr	Down	22½ Hr	22½ Hr	22½ Hr	—						22½ Hr
	14	24 Hr	Down	24 Hr	24 Hr	24 Hr	—						24 Hr
#4 Repaired	15	24 Hr	9 Hr	24 Hr	24 Hr	24 H.	16 Hr						24 Hr
	16	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
	17	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
	18	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
	19	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		#7 Went off				12 Hr
	20	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		El did not Restart.				—
	21	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						16 Hr
	22	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	1914 Hr 24 Hr	158 Hr.	461 Hr.			313 Hr	3256 Hr 16 Hr
	23	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		10 Hr.				
	24	20 Hr	20 Hr	20 Hr	20 Hr	20 Hr	19 Hr		20 Hr				
	25	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	26	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	27	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	28	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	29	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	30	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				
	31	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr			24 Hr				

[illegible] OF PUMP OPERATING TIME

HOURS OPERATED

1981 DATE	DEWATERING PUMPS GALLONS PER MIN. 4200	3430	5150	4900	4800	SOUTH PUMPING STATION GALLONS PER MIN. 5000	10,000	10,000			10,000	2500
	1	2	3	4	6	1	2	3			5	7
	Hours the pumps ran											
August 1	24 Hr	—	24 Hr	24 Hr	24 H	6 Hr						18 Hr
2	24 Hr	—	24 Hr	24 Hr	24 Hr							24 Hr
3	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
4	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
5	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
6	24 Hr		24 Hr	24 Hr	24 Hr	Pump picked off during night & Did not Restart						24 Hr (?)
7	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
8	12 Hr ?		24 Hr	24 Hr	24 Hr	Pump picked off and did not Restart.						24 Hr ?
9	12 Hr ?		24 Hr	24 Hr	24 Hr							24 Hr
10	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
11	24 Hr	—	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
12	24 Hr		24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
13	24 Hr		24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
14	24 Hr		24 Hr	24 Hr	24 Hr	24 Hr	Due to Storm - 12 hrs Pumped 30 Decatur Co.					24 Hr
15	24 Hr		24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
16	24 Hr		24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
17	24 Hr		24 Hr	24 Hr	24 Hr	6 Hr						24 Hr
18	24 Hr		24 Hr	24 Hr	24 Hr	—	at 4:00 PM Sent all Water North					16 Hr
19	24 Hr		24 Hr	24 Hr	24 Hr	—	—	—	—	—	—	—
20	24 Hr	8 Hr	24 Hr	24 Hr	24 Hr	Bowden Started Pumping						8 Hr
21	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr							24 Hr
22	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr							24 Hr
23	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	Combine Rd						24 Hr
24	24 Hr	16 Hr	24 Hr	24 Hr	24 Hr							24 Hr
25	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	14 Hr	—	—	—	—	—	24 Hr
26	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
27	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr
28	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	8 Hr						24 Hr
29	23½ Hr	23½ Hr	23½ Hr	23½ Hr	23½ Hr	—						23½ Hr
30	24½ Hr	24½ Hr	24½ Hr	24 Hr	24 Hr	12 Hr						24 Hr
31	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr						24 Hr

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1981

DATE	DEWATERING PUMPS GALLONS PER MIN. 4300 gpm	3430 gpm	5150 gpm	4900 gpm	4800 gpm	SOUTH PUMPING STATION GALLONS PER MIN. 5000	10,000	10,000	#2 WEIR	#3 WEIR	10,000	2500
	1	2	3	4	6	1	2	3			6	7
	4300	3436	5150	4900	4800							
	Hours the pumps ran											
July 1	24 Hr	—	24 Hr	15 Hr	24 Hr							24 Hr
2	24 Hr		24 Hr	15 Hr	24 Hr							24 Hr
3	24 Hr		24 Hr	15 Hr	24 Hr							24 Hr
4	24 Hr		24 Hr	15 Hr	24 Hr							24 Hr
5	24 Hr		24 Hr	15 Hr	24 Hr							24 Hr
(12,835 gal/min) 18,635 gal/min 6	24 Hr		24 Hr	15 Hr	24 Hr				6900 12,265 g/min	10,000 9573 g/min		24 Hr
7	24 Hrs		24 Hr	15 Hr	24 Hr							24 Hr
8	24 Hrs		24 Hrs	15 Hr	24 Hr							24 Hr
9	24 Hrs		24 Hr	13½ Hr	24 Hr							24 Hr
10	24 Hrs		24 Hr	12 Hr	24 Hr							24 Hr
11	24 Hrs		24 Hr	12 Hr	24 Hr							24 Hr
12	24 Hrs		24 Hr	12 Hr	24 Hr							24 Hr
13	24 Hrs		24 Hr	12 Hr	24 Hr							24 Hr
14	24 Hrs		24 Hr	12 Hr	24 Hr							24 Hr
15	24 Hr		19½ Hr	16½ Hr	24 Hr							19½ Hr
16	22½ Hr		22½ Hr	10½ Hr	22½ Hr							22½ Hr
17	10½ Hr	13½ Hr	24 Hr	24 Hr	10½ Hr							—
18	24 Hr	—	24 Hr	10½ Hr	24 Hr							24 Hr
19	24 Hr	—	24 Hr	10½ Hr	24 Hr							24 Hr
20	24 Hr		24 Hr	15 Hr	24 Hr							24 Hr
21	24 Hr		24 Hr	19 Hr	24 Hr							22 Hr
22	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
23	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
24	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
25	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
26	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
27	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
28	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
29	24 Hr		24 Hr	24 Hr	24 Hr							24 Hr
30	24 Hr	8 Hr	24 Hr	24 Hr	24 Hr							24 Hr
31	24 Hr	16 Hr	24 Hr	24 Hr	24 Hr	16 Hr						8 Hr

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1981		DEWATERING PUMPS						SOUTH PUMPING STATION						
		GALLONS PER MIN.						GALLONS PER MIN.						
		4300 gpm	3,000 gpm	5150 gpm	4900 gpm	4800 gpm		5000	10,000	10,000			10,000	2500
DATE		1	2	3	4	6	Weir #3	1	2	3	4	#3 Weir	6	7
		Hours the pumps ran												
19,164 gpm		← 19,164 →												
June	1	24 Hr		24 Hr	24 HR	24 Hr		10½ Hr Canal drained for clegg						10½ Hrs
	2	24 Hr		24 Hr	24 Hr	24 Hr		South Canal Drained for Clegg						
	3	24 Hr		24 Hr	24 Hr	24 Hr			"	"	"	"	"	
	4	24 Hr		24 Hr	24 Hr	24 Hr			"	"	"	"	"	
	5	24 Hr		24 Hr	24 Hr	24 Hr		14½	—	—	—		—	14½ Hr
	6	24 Hr		24 Hr	24 Hr	24 Hr		24 Hr	—	—	—	—	—	24 Hr
	7	24 Hr		24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	24 Hr
22,177 gpm	8	24 Hr	7 Hr	22,177 gpm 24 Hr	24 Hr	24 Hr		11 Hr	2500 0915	15½ Hr			1 Hr	24 Hr
	9	24 Hr	7 Hr	24 Hr	24 Hr	24 Hr		7 Hr		24 Hr				24 Hr
	10	24 Hr	8 Hr	24 Hr	24 Hr	24 Hr		7 Hr		24 Hr				24 Hr
	11	24 Hr	8 Hr	24 Hr	24 Hr	24 Hr		—	—	24 Hr	—		—	16½ Hr
	12	24 Hr	8 Hr	24 Hr	24 Hr	24 Hr		—	—	24 Hr	—		—	—
	13	24 Hr	—	24 Hr	24 Hr	24 Hr		12½ Hr	—	11½ Hr	—		—	—
	14	24 Hr	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	—
21,593 gpm	15	24 Hr	16 Hr	21,593 gpm 24 Hr	24 Hr	24 Hr		24 Hr						24 Hr
	16	24 Hr	16 Hr	24 Hr	24 Hr	24 Hr		24 Hr	2 Hr	18½ Hr			2 Hr	24 Hr
	17	24 Hr	16 Hr	24 Hr	24 Hr	24 Hr		24 Hr		8 Hr				24 Hr
21,200 gpm	18	3,900 gal 24 Hr	3000 gal 24 Hr	4900 gal 24 Hr	4800 gal 24 Hr	4600 gal 24 Hr	11,700 gpm				7000 gpm +			
✓	19	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	24 Hr
Transformer Change	20	15 Hr	9 Hr	24 Hr	24 Hr	15 Hr		15 Hr	—	—	—		—	9 Hr
	21	24 Hr	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	—
18792 gpm	22	24 Hr	—	24 Hr	24 Hr	24 H		24 Hr	—	—	—		—	—
	23	24 Hr	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	—
	24	24 Hr	—	24 Hr	24 Hr	24 H		1358 Hr 16 Hr	158 Hr	405 Hr			311 Hr	1414 Total 8 Hr
	25	24 Hr	—	24 Hr	24 Hr	09 Hr		—	—	—	—		—	24 Hr
	26	24 Hr		24 Hr	24 Hr	12 Hr		—	—	—	—		—	24 Hr
	27	24 Hr		24 Hr	24 Hr	12 Hr		—	—	—	—		—	24 Hr
	28	24 Hr		24 Hr	24 Hr	12 Hr		—	—	—	—		—	24 Hr
	29	24 Hr		17½	24 Hr	18 Hr		—	—	—	—		—	24 Hr
	30	24 Hr		24 Hr		24 Hr		—	—	—	—		—	24 Hr
	31													

SUMMARY OF PUMP OPERATING TIMES

HOURS OPERATED

1981

DATE		DEWATERING PUMPS GALLONS PER MIN. 1	2	3	4	6	WEIR #2	SOUTH PUMPING STATION GALLONS PER MIN. 1 (1.25) 5000	2 (.30) 10,000	3 10,000	4	WEIR #3	6 10,000	7 (.75) 2500
MAY 18036	1	4340 8 Hr	3436 24 Hr	5011 24 Hr	5135 24 Hr	4454 24 Hr		8 Hr	24 Hr	—	—	—	—	24 Hr
	2	—	Hours the pumps ran. 24 Hr	24 Hr	24 Hr	24 Hr		—	24 Hr	—	—	—	—	24 Hr
	3	—	24 Hr	24 Hr	24 Hr	24 Hr		—	24 Hr	—	—	—	—	24 Hr
	4	—	24 Hr	24 Hr	24 Hr	24 Hr		—	24 Hr	—	—	—	—	24 Hr
15084	5	—	—	5208 24 Hr	5256 24 Hr	4620 24 Hr		24 Hr	—	—	—	—	—	24 Hr
	6	—	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—	—	—	24 Hr
	7	—	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—	—	—	24 Hr
	8	5½ Hr	—	24 Hr	24 Hr	24 Hr		18½ Hr	5½ Hr	—	—		—	24 Hr
	9	—	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	24 Hr
	10	—	—	24 Hr	24 Hr	24 Hr		24 Hr	—	—	—		—	24 Hr
19688	11	4340 6 Hr	—	5208 24 Hr	5256 24 Hr	4884 24 Hr		16½ Hr	6 Hr	—	—		6 Hr	24 Hr
	12	16 Hr	—	24 Hr	24 Hr	24 Hr		16 Hr	6 Hr					24 Hr
	13	21½ Hr	—	21½ Hr	21½ Hr	21½ Hr		21½ Hr	—	—	—	(.8) 5049 Gpm	—	21½ Hr
Whitelaw Cut off his water morning of 15th	14	24 Hr	—	24 Hr	20 Hr	24 Hr		21 Hr	—	—	—		—	24 Hr
	15	24 Hr		24 Hr	24 Hr	24 Hr		10 Hr	14 Hrs	—	—		—	24 Hr
	16	24 Hr	—	24 Hr	24 Hr	24 Hr		—	24 Hr	—	—		—	24 Hr
	17	24 Hr	—	24 Hr	24 Hr	24 Hr		—	24 Hrs	—	—		—	24 Hr
Noran Laun to Start taking H2O	18	24 Hr	—	24 Hr	24 Hr	24 Hr		7½ Hr	16½ Hr	—	—	—	—	24 Hr
	19	24 Hr	—	24 Hr	24 Hr	24 Hr	11,059	24 Hr	—	—	Whitelaw water out	9075 6167	—	24 Hr
	20	24 Hr		24 Hr	22 Hr	24 Hr		23 Hr	—	—	—		—	24 Hr
	21	24 Hr		24 Hr	24 Hr	24 Hr	10,805	24 Hr	—	—	—			24 Hr
18,900	22	4300 24 Hr		5000 24 Hr	4900 24 Hr	4700 24 Hr		24 Hr						24 Hr
	23	9½ Hr 11 Hr		9½ Hr —	9½ Hr —	9½ Hr 13½ Hr		9½ Hr						9½ Hr
	24	10 Hr 12 Hr		— 12 Hr	— 12 Hr	10 Hr 12 Hr	10,132	12 Hr	All water Went into	Pumped to Shoal Creek			—	12 Hr
	25	4300 24 Hr		5150 24 Hr	4900 24 Hr	4800 24 Hr		24 Hr						24 Hr
18% Perc.	26	24 Hr		24 Hr	24 Hr	24 Hr	10,132	13 Hr	~~11 Hr~~	11 Hr		8348		13 Hr
26% Perc	27	24 Hr		24 Hr	24 Hr	24 Hr	6790	—	~~24 Hr~~	24 Hr	—	5049 —		—
	28	22½ Hr		22½ Hr	22½ Hr	22½ Hr		14½ Hr	Power off	8 Hr	1½ Hr			14½ Hr
	29	24 Hr		24 Hr	24 Hr	24 Hr		24 Hr						24 Hr
	30	24 Hr		24 Hr	24 Hr	24 Hr		24 Hr						24 Hr
	31	24 Hr		24 Hr	24 Hr	24 Hr		24 Hr						24 Hr
		123912000	19791360	220672500	217891920	146312160								

RANCHERS
CALCULATION SHEET

PROJECT _____ DATE _____

TITLE _____ BY _____

SUBJECT _____ SHEET No. _____

DATE	PUMP	HRS	GALS	DATE	PUMP	HRS	GALS.
4-28-81	P-6	22.5					
	P-3	22.5					
	P-1	22.5	557280 X 60				
	P-2	22.5					
	P-4	22.5					
4-29-81	P-3	22.0					
	P-6	19.0					
	P-1	13.0	557280 X 60				
	P-2	22.0					
	P-4	22.5					
4-30-81	P-3	23.0					
	P-6	16.0					
	P-1	13.0	557280 X 60				
	P-2	21.0					
	P-4	24.0					

RANCHERS
CALCULATION SHEET

PROJECT _____ DATE _____

TITLE _____ BY _____

SUBJECT _____ SHEET No. _____

DATE	PUMP	HRS	GALS	DATE	PUMP	HRS	GALS.
4-14-81 25200000	P-3	24		4-21-81 25200000	P-3	24	
	P-6	24			P-6	24	
	P-1	24	553200 X60		P-1	24	539760 X60
	P-2	24			P-2	24	
	P-4	24			P-4	24	
4-15-81 25200000	P-3	24		4-22-81 25200000	P-3	24	
	P-6	24			P-6	24	
	P-1	24	553200 X60		P-1	24	539760
	P-2	24			P-2	24	
	P-4	24			P-4	24	
4-16-81 25200000	P-3	24		4-23-81 25200000	P-3	24	
	P-6	24	543288 X60		P-6	24	
	P-1	24			P-1	24	539760
	P-2	24			P-2	24	
	P-4	24			P-4	24	
4-17-81 25200000	P-3	24		4-24-81 25200000	P-3	24	
	P-6	24			P-6	24	
	P-1	24	538440		P-1	24	557280
	P-2	24			P-2	24	
	P-4	24			P-4	24	
4-18-81 25200000	P-3	24		4-25-81 25200000	P-3	24	
	P-6	24			P-6	24	557280
	P-4	24	538440		P-1	24	
	P-2	24			P-2	24	
	P-1	24			P-4	24	
4-19-81 25200000	P-3	24		4-26-81 25200000	P-3	24	
	P-6	24			P-6	24	557280
	P-1	24	538440		P-1	24	
	P-3	24			P-2	24	
	P-4	24			P-4	24	
4-20-81 24412500 SOUTH	P-3	23		4-27-81 11025000	P-3	24	
	P-6	23			P-6	24	557280
	P-1	23	517270		P-1	24	
	P-3	23			P-2	24	
	P-4	23			P-4	24	

RANCHERS
CALCULATION SHEET

PROJECT _____ DATE _____

TITLE _____ BY _____

SUBJECT _____ SHEET No. _____

DATE	PUMP	HRS	GALS./day
3-1-81	P-3	24.00	144000 X60
3-2-81	P-3	24.00	144000
3-3-81	P-3	24.00	144000
3-4-81	P-3	24.00	144000
3-5-81	P-3	24.00	144000
3-6-81	P-3	24.00	144000
3-7-81	P-3	24.00	144000
3-8-81	P-3	24.00	144000
3-9-81	P-3	24.00	144000
3-10-81	P-3	24.00	144000
3-11-81	P-3	24.00	144000
3-12-81	P-3	24.00	144000
3-13-81	P-3	24.00	144000
3-14-81	P-3	24.00	144000
3-15-81	P-3	24.00	144000
3-16-81	P-3	24.00	144000
3-17-81	P-3	24.00	144000
3-18-81	P-3	24.00	144000
3-19-81	P-3	24.00	144000
3-20-81	P-3	24.00	144000
3-21-81	P-3	24.00	144000
3-22-81	P-3	24.00	144000
3-23-81	P-3	24.00	144000
3-24-81	P-3	11.00	125400
	P-4	13.00	
3-25-81	P-4	11.50	125400
	P-3	12.50	
3-26-81	P-3	24.00	144000
3-27-81	P-3	24.00	144000
3-28-81	P-3	24.00	144000
3-29-81	P-3	24.00	144000
3-30-81	P-3	24.00	144000
3-31-81	P-3	24.00	144000

DATE	PUMP	HRS	GALS/day
4-1-81	P-3	17.5	105800 X60
4-2-81	P-3	24.00	144000
4-3-81	P-3	24.00	144000
4-4-81	P-3	24.00	144000
4-5-81	P-3	24.00	144000
4-6-81	P-3	24.00	144000
4-7-81	P-3	24.00	144000
4-8-81	P-3	23.00	138000
4-9-81	P-3	23.00	
1462500 SOUTH	P-6	15.00	
	P-1	15.00	283675
	P-2	7.50	
4-10-81	P-3	24.00	
2520000	P-6	24.00	
	P-1	24.00	506175
	P-2	24.00	
	P-4	15.00	
4-11-81	P-3	24.00	
2520000	P-6	24.00	
	P-1	24.00	553200
	P-2	24.00	
	P-4	24.00	
4-12-81	P-3	24.00	
2520000	P-6	24.00	
	P-1	24.00	553200
	P-2	24.00	
	P-4	24.00	
4-13-81	P-3	24.00	
2520000	P-6	24.00	553200
	P-1	24.00	
	P-2	24.00	
	P-4	24.00	

cont.

RANCHERS
CALCULATION SHEET

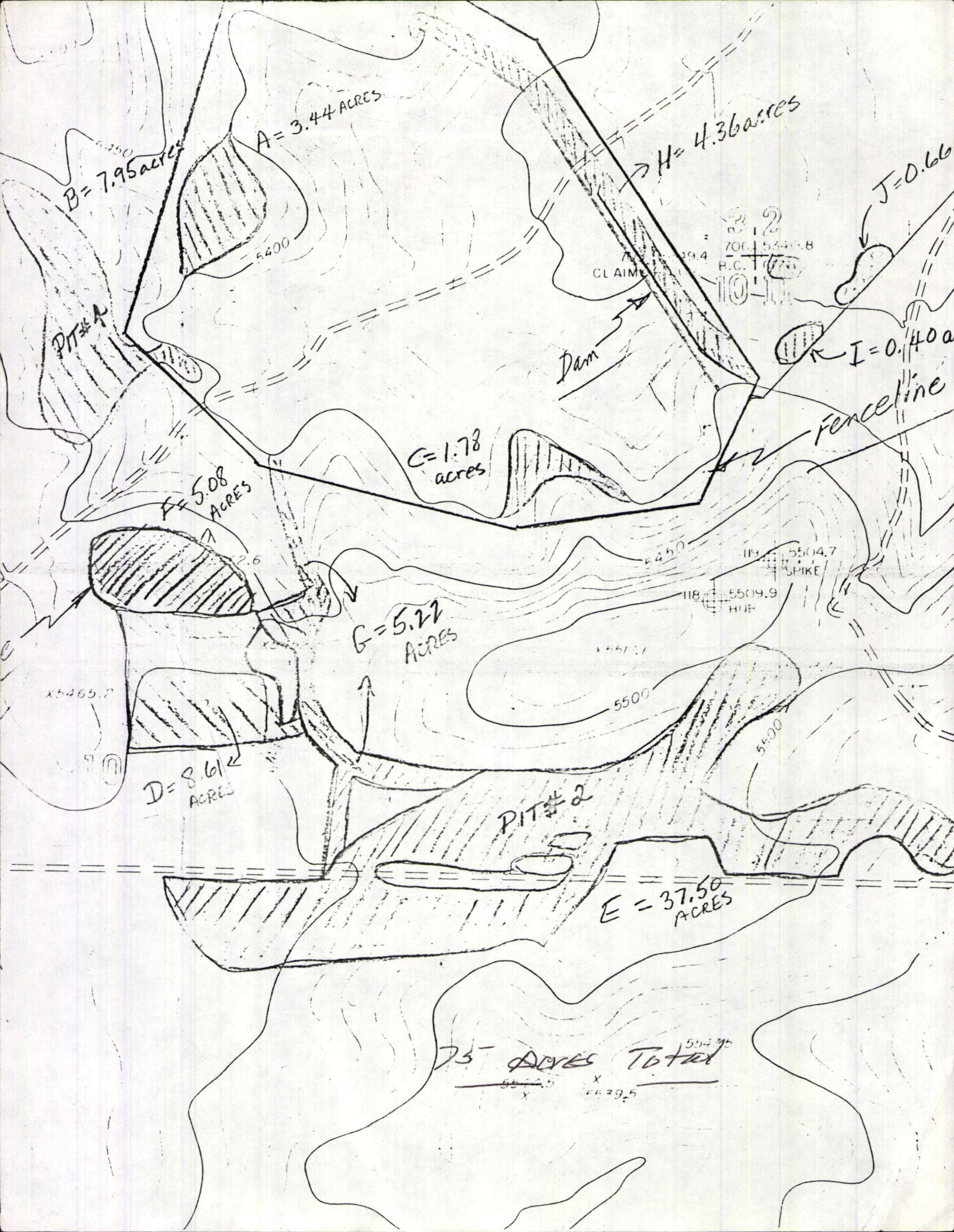
PROJECT _____ DATE _____

TITLE _____ BY _____

SUBJECT _____ SHEET No. _____

DATE	PUMP	HRS	GAL/DAY
1-12-81	P-3	9.0	54000 X 60
1-13-81	P-3	24.0	144000
1-14-81	P-3	24.0	144000
1-15-81	P-3	24.0	144000
1-16-81	P-3	24.0	144000
1-17-81	P-3	15.0	90000
1-18-81	P-2	11.5	96000
1-19-81	P-2	24.0	96000
1-20-81	P-2	24.0	96000
1-21-81	P-2	24.0	96000
1-22-81	P-2	24.0	96000
1-23-81	P-2	24.0	96000
1-24-81	P-2	24.0	96000
1-25-81	P-2	24.0	96000
1-26-81	P-2	24.0	96000
1-27-81	P-2	24.0	96000
1-28-81	P-2	24.0	96000
1-29-81	P-2	24.0	96000
1-30-81	P-2	18.5	74000
1-31-81	P-2	24.0	96000

DATE	PUMP	HRS	GAL/DAY
2-1-81	P-2	24.0	96000X60
2-2-81	P-2	24.0	96000
2-3-81	P-2	24.0	96000
2-4-81	P-2 P-3	8.0 16.0	128000
2-5-81	P-3	24.0	144000
2-6-81	P-3	24.0	144000
2-7-81	P-3	24.0	144000
2-8-81	P-3	24.0	144000
2-9-81	P-3	24.0	144000
2-10-81	P-3	21.0	126000
2-11-81	P-3	24.0	148300
	P-2	.5	
	P-6	.5	
2-12-81	P-3	24.0	144000
2-13-81	P-3	24.0	144000
2-14-81	P-3	24.0	144000
2-15-81	P-3	24.0	144000
2-16-81	P-3	24.0	144000
2-17-81	P-3	24.0	144000
2-18-81	P-3	22.0	132000
2-19-81	P-3	24.0	144000
2-20-81	P-3	24.0	144000
2-21-81	P-3	24.0	144000
2-22-81	P-3	24.0	144000
2-23-81	P-3	24.0	144000
2-24-81	P-3	24.0	144000
2-25-81	P-3	24.0	144000
2-26-81	P-3	24.0	144000
2-27-81	P-3	24.0	144000
2-28-81	P-3	24.0	144000



A = 3.44 ACRES
B = 7.95 acres
H = 4.36 acres
J = 0.66
I = 0.40 a
PIT#1
Dam
Fenceline
C = 1.78 acres
F = 5.08 ACRES
G = 5.22 ACRES
D = 8.61 ACRES
PIT#2
E = 37.50 ACRES
5400
5450
5500
5504.7
SPIKE
5509.9
HUB
CLAIM
B.C.
75 Acres Total