N61165.AR.005766
CNC CHARLESTON
5090.3a

GROUNDWATER REMEDIATION SYSTEM LOG APRIL 1995 DEFENSE FUEL SUPPLY POINT (DFSP) CNC CHARLESTON SC
05/04/1995
NAVFAC SOUTHERN

2 1

DFSP GROUND-WATER REMEDIATION SYSTEM

APRIL 95

Month and Year

RECEIVED
MAY 4 1995

FLUME ON EAST LAKESIDE DRIVE

Day	Water Level (in ft. accurate to 0.00)	Time	Operator Initials	Comments
1	2.1		GCC	BRUSHED OUT
2	2.2		GCC	BRUSHED OUT
3	2.0		GCC	BRUSHED OUT
4	2.0		GCC	BRUSHED OUT
5	1.9		GCC	BRUSHED OUT
6	3.4		GCC	BRUSHED OUT
7	2.2		GCC	BRUSHED OUT
8	2.2		GCC	BRUSHED OUT
9	2.2		GCC	BRUSHED OUT
10	2.2		GCC	
11	2.0		GCC	BRUSHED OUT
12	2.0		GCC	BRUSHED OUT
13	2.4		GCC	BRUSHED OUT
14	2.0		GCC	BRUSHED OUT
15	2.0		RAB	BRUSHED OUT
16	2.0		RAB	BRUSHED OUT
17	2.0		GCC	BRUSHED OUT
18	2.0		GCC	BRUSHED OUT
19	2.0		GCC	BRUSHED OUT
20	2.0		GCC	BRUSHED OUT
21	2.0		GCC	BRUSHED OUT
22	2.0		GCC	BRUSHED OUT
23	2.2		GCC	BRUSHED OUT
24	2.2		GCC	BRUSHED OUT
25	2.0		GCC	REPAIR W/ BATT OUT
26	1.8		GCC	BRUSHED OUT
27	2.0		GCC	BRUSHED OUT
28	2.0		GCC	BRUSHED OUT
29	2.1		GCC	BRUSHED OUT
30	2.0		GCC	BRUSHED OUT
31				

DFSP GROUND WATER REMEDIATION SYSTEM
COMPLIANCE MONITORING PROGRAM
NORTH CHARLESTON SEWER DISTRICT

MONTH APRIL, 1995

Day	Time	ON-SITE ANALYSIS: TOTALIZER READING	FLOW GPD	pH S.U. and TEMP in °C	OPERATOR INITIALS	CHECK DATE LAB SAMPLES COLLECTED
		28781625				
1	0757	28802185	20560	6.6 20	GCC	
2	0811	28818790	16605	6.6 20	GCC	
3	0745	28836730	18140	6.6 21	GCC	
4	0749	28855090	18160	6.7 22	GCC	
5	0745	28873070	17980	6.7 22	GCC	
6	0757	28891615	18545	6.6 20.5	GCC	
7	0743	28909410	17795	6.6 20	GCC	
8	0738	28928020	18610	6.7 20.5	GCC	
9	0743	28944720	16700	6.6 20.5	GCC	
10	0753	28962615	17895	6.6 20.5	GCC	
11	0809	28980395	17780	6.6 21.0	GCC	
12	0745	28997120	17725	6.6 22.0	GCC	
13	0759	29013980	16860	6.6 22.5	GCC	
14	0738	29030460	16480	6.6 22.5	GCC	
15	1026	29049225	18765	6.6 23.0	RAB	
16	0856	29066070	16845	6.7 22.0	RAB	
17	0746	29082890	16820	6.7 22	GCC	
18	0742	29101290	18400	6.6 22.5	GCC	
19	0741	29119435	18145	6.6 23	GCC	✓
20	0745	29137755	18320	6.6 24	GCC	
21	0752	29156920	19165	6.6 24	GCC	
22	1150	29178580	21660	6.6 24	GCC	
23	0745	29194490	15910	6.6 23.5	GCC	
24	0849	29213250	18760	6.6 23	GCC	
25	0745	29230710	17460	6.6 22.5	GCC	
26	0748	29249005	18295	6.7 22	GCC	
27	0734	29267100	18095	6.7 22.5	GCC	
28	0849	29285470	18370	6.7 22.0	GCC	
29	1239	29307310	21840	6.7 22.5	GCC	
30	1529	29327780	20470	6.6 23	GCC	
31						
Max. Permit Limit				8.5		
Max. Observed						
Avg. Permit Limit				6.5		
Avg. Observed						

wp\5\60606.O&M/cdf91

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 1 95 PAUL CONEVER

Date Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0955	00020117	NA	OFF
B (2)	0955	00004145	4.5	
C (3)	0955	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

17 APRIL 2 95 — Date

PAUL CONNOR — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0810	0020117	NA	OPT
B (2)	0810	0400535	4.5	
C (3)	0810	0002655	NA	OPT

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OPT	BROMIDE			
2					
3	OPT	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 3 95 — Date

PAUL CONVERSE — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0742	00020117	NA	OFF
B (2)	0742	04015417	4.5	
C (3)	0742	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1					
2					
3					
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 4.95 — Date

Paul Cravens — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0745	00020117	NA	OFF
B (2)	0745	04021373	4.5	
C (3)	0745	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	Bromide			
2					
3	OFF	Nitrate			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 5-95 — Date

PAUL CONNOR — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0741	00020117	NA	OFF
B (2)	0741	04027909	4.5	
C (3)	0741	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 6 95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0756	00020117	NA	OFF
B (2)	0756	04034428	4.4	
C (3)	0756	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 7 95 — PAUL CONOVER

Date — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0741	00020117	NA	OFF
B (2)	0741	04040500	4.4	
C (3)	0741	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 26 95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0836	0002017	NA	off
B (2)	0836	0404890	4.5	
C (3)	0836	0026500	NA	off

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	off	BROMIDE			
2					
3	off	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 9 95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0742	0020117	NA	OFF
B (2)	0742			
C (3)	0742	0028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 10 95 PAUL CONVER

Date Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0753	0002017	NA	OFF
B (2)	0753			
C (3)	0753	0002850	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 11-95 — Date

PAUL CONAVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0808	00020117	NA	OFF
B (2)	0808	04064368	45	
C (3)	0808	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

12 APRIL 1995 — Date

Paul Cervera — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0745	00020117	N/A	
B (2)	0745	04070159	4.5	
C (3)	0745	00028500	N/A	

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OPP	BROMIDE			
2					
3	OPP	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 13-95 — PAUL CONNER

Date — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0759	00020117	NA	OFF
B (2)	0759	04078149	44	
C (3)	0759	00025520	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	Bromide			
2					
3	OFF	Nitrate			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

Date: APRIL 14-95 Operator: PAUL CONVER

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0736	0002917	OFF	
B (2)	0736	~~0002~~ 04085430	4.5	
C (3)	0736	00028500	OFF	

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

4/15/95 — Date

RICK BENNISON — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	1026	00020117	N/A	OFF
B (2)	1026	04093631	4.5	
C (3)	1026	00028500	N/A	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

4/16/95 — Date

RICK BENNISON — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0856	00020117	N/A	OFF
B (2)	0856	04100031	4.5	
C (3)	0856	00028500	N/A	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

4-17-95 — Date

PAUL CONCEPCION — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0744	00020117	NA	OFF
B (2)	0744	04106411	4.5	
C (3)	0744	00286600	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 18-95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0740	00020117	NA	OFF
B (2)	0740	04112964	4.5	
C (3)	0740	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

wp\5\60606.O&M/cdf91

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 19-95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	~~0002~~ 0740	00089117	NA-OT	OFF
B (2)	0740	04119559	4.5	
C (3)	0740	00028500	NA-a	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 20 95 PAUL CONOVER

Date Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0744	00020117	up	off
B (2)	0744	04126033	4.5	
C (3)	0744	00028500	up	off

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	off	Bromide			
2					
3	off	nitrate			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 21-95 — Date

PAUL CONOWER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0750	00020117	NA	OFF
B (2)	0750	04132574	45	
C (3)	0750	00245500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1					
2					
3					
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 22-95 — Date

PAUL CONOVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	1135	00020117	NA	OFF
B (2)	1135	04139765	4.5	
C (3)	1135	00285000	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 23-95 — PAUL CENEVER

Date — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0744	0002017	NA	OFF
B (2)	0744	04144340	4.5	
C (3)	0744	0002850	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 24-95 — Date

Paul Conover — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0759	00020117	OFF	
B (2)	0759	04150318	4.5	
C (3)	0759	00026500	OFF	

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 25-95 — P CONOVER

Date — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0744	00020117	NA	OFF
B (2)	0744	01156502		
C (3)	0744	00028580	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF				
2					
3	OFF				
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 26-95 — PAUL CONOVER

Date — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0747	00020117	NA	OFF
B (2)	0747	04162517	4.4	
C (3)	0747	00028500	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

Date: APRIL 27 95 Operator: P. CONVER

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0733	00020117	NA	OFF
B (2)	0733	04168307	4.5	
C (3)	0733	00285[illegible]	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (√)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF				
2					
3	OFF				
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

wp\5\80606.O&M/cdf91

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

APRIL 28-95 — Date

PAUL CONVER — Operator

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	0759	00020117	OFF	
B (2)	0759	04174217	4.4	
C (3)	0759	00028824	OFF	

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

wp\5\80606.O&M/cdf91

'DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

Date: APRIL 29-95 Operator: PAUL CONNER

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	1238	00020117	NA	OFF
B (2)	1238	04181115	4.5	
C (3)	1238	00025520	NA	OFF

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	BROMIDE			
2					
3	OFF	NITRATE			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

wp\5\80606.O&M/cdf91

DAILY OPERATOR LOG SHEET
GROUND WATER RECHARGE SYSTEM

Date: APRIL 30-95 Operator: Paul Conover

INFILTRATION GALLERY

Lateral Number	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments
A (1)	1523	0002871	OFF	
B (2)	1523	0418 7930	4.5	
C (3)	1523	0002855	OFF	

CHEMICAL PUMPS

Pump Number	Operating (✓)	Chemical Feed/Concentration	Feed Rate (mL/min) check weekly	Remaining Volume (gal)	Observations/Comments
1	OFF	Bromide			
2					
3	OFF	Nitrate			
4					
5					
6					
7					
8					
9					

CHEMICAL INVENTORY

Chemical	Drums on Hand	Concentration (percent)	Observations/Comments (Change drum?, etc.)
Sodium nitrate			
Sodium bromide			

NOTES

wp\6\80606.O&M/cdf91

U.S. Geological Survey
Conductivity and Temperature Measurements at Extraction Wells

Year 95
Month APRIL

Day	Anal. Init.	EW# 9 Time	Cond uM	Temp C	EW# 10 Time	Cond uM	Temp C	EW# 11 Time	Cond uM	Temp C
1	GCC	0948		21	0950		21	0951		22
2	GCC	0814		20	0816		20.5	0818		21
3	GCC	0735		20	0737		20.5	0739		21
4	GCC	0739		20	0741		20.5	0743		22
5	GCC	0735		22	0737		22	0739		22
6	GCC	0748		21	0750		21	0753		21
7	GCC	0733		21	0735		21	0737		21.5
8	GCC	0839		21	0841		21	0843		21.5
9	GCC	0745		21	0748		21	0752		21.5
10	GCC	0755		22	0757		22	0759		22.5
11	GCC	0800		23	0802		23	0804		23.5
12	GCC	0753		23	0754		24	0755		24
13	GCC	0750		23	0752		23.5	0754		24
14	GCC	0730		22	0732		22	0734		22.5
15	RAB	1018		23.5	1019		24	1020		23
16	RAB	0906		23	0907		22	0908		22
17	GCC	0726		23	0728		22	0730		22
18	GCC	0729		23	0731		22.5	0735		22.5
19	GCC	0733		23	0735		22.5	0737		23
20	GCC	0735		23.5	0737		22.5	0739		23
21	GCC	0740		23	0742		23	0744		23.5
22	GCC	1141		23	1144		23	1147		24
23	GCC	0748		23	0750		23	0752		23.5
24	GCC	0752		22.5	0754		22	0756		22.5
25	GCC	0735		20.0	0737		20	0739		21.0
26	GCC	0736		20.0	0739		20.5	0741		22.0
27	GCC	0725		21.0	0727		21.0	0729		22.0
28	GCC	0752		21	0754		20.5	0756		21.5
29	GCC	1240		21	1242		21	1244		22
30	GCC	1525		21	1527		21	1530		22
31										

U.S. Geological Survey

Conductivity and Temperature Measurements at Extraction Wells

CLORIDE

Year 96

Month APRIL

Day	Anal. Init.	EW# 9			EW# 10			EW# 11		
		Time	Cond uM	Temp C	Time	Cond uM	Temp C	Time	Cond uM	Temp C
1			23			26			92	
2			27			20			87	
3			27			17			103	
4			17			24			107	
5			23			25			101	
6			20			24			98	
7			16			24			101	
8			19			22			94	
9			19			20			99	
10			20			21			101	
11			21			28			99	
12			21			26			101	
13			12			38			101	
14			27			37			102	
15			26			39			107	
16			24			39			87	
17			26			27			103	
18			26			34			101	
19			22			32			86	
20			25			20			96	
21			18			16			99	
22			20			20			100	
23			19			28			97	
24			25			36			105	
25			20			31			115	
26			22			35			102	
27			21			35			105	
28			17			33			101	
29			15			20			102	
30			17			51				
31										

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 1 95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0910	4013548	2.4	11.9
2	✓	0913	3518615	1.0	"
3	OFF	0905	NA	NA	NA
4	OFF	0906	NA	NA	NA
5	✓	0916	4010916	1.0	17.5
6	✓	0919	4299866	1.5	17.8
7	✓	0923	3778848	.8	20.2
8	✓	0926	1862865	1.0	18.2
9	✓	0929	2127021	1.1	24.0
10	✓	0932	2143103	1.4	18.6
11	✓	0935	1974331	.8	15.1
12	✓	0938	0857517	1.0	11.4
13	OFF	0905	NA	NA	NA
14	✓	0940	1153090	1.5	13.4
15	OFF	0905	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0900	4277460	1.6	20.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
3b	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 2 95 — Paul Conover

Date — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0734	4016355	2.2	11.7
2	✓	0737	3519910	1.1	—
3	OFF	0725	NA	NA	NA
4	OFF	0725	NA	NA	NA
5	✓	0741	4011768	1.0	17.4
6	✓	0745	4302213	1.4	17.7
7	✓	0749	3771765	.9	20.1
8	✓	0752	1864057	1.0	18.2
9	✓	0755	2128177	1.1	24.4
10	✓	0758	2144411	1.3	18.5
11	✓	0802	1975431	1.0	15.2
12	✓	0804	0858717	1.0	11.7
13	OFF	0725	NA	NA	NA
14	✓	0807	1155207	1.4	13.7
15	OFF	0725	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0730	4279498	1.3	20.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 3 95
Date

PAUL CONOVER
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0710	4019302	2.2	11.0
2	✓	0712	3521354	1.0	—
3	OFF	0700	NA	NA	NA
4	OFF	0700	NA	NA	NA
5	✓	0714	4012497	1.5	17.2
6	✓	0716	4304486	1.5	17.6
7	✓	0718	3772795	.7	20.0
8	✓	0720	1865368	1.0	19.1
9	✓	0723	2129447	.8	23.2
10	✓	0726	2146148	1.5	18.2
11	✓	0728	1976346	1.0	15.1
12	✓	0730	0860056	.9	11.5
13	OFF	0700	NA	NA	NA
14	✓	0733	1157533	1.6	13.4
15	OFF	0700	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0705	4281873	1.9	24.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 4 95
ate

Paul Conover
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0715	4022453	2.2	11.5
2	✓	0717	3522725	1.0	—
3	OFF	0707	NA	NA	NA
4	OFF	0707	NA	NA	NA
5	✓	0719	4015050	1.8	17.6
6	✓	0721	4307150	2.0	17.8
7	✓	0723	3773840	.6	18.7
8	✓	0725	1866712	1.0	18.1
9	✓	0728	2130673	.9	23.0
10	✓	0731	2148219	1.6	18.1
11	✓	0733	1976804	1.0	15.1
12	✓	0735	0861433	1.8	11.9
13	OFF	0707	NA	NA	NA
14	✓	0737	1159853	1.6	13.4
15	OFF	0707	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0711	4284246	1.6	19.2

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
3	OFF	
4	✓	
5		
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 5-95 — Date

PAUL CONNOR — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0711	4025589	2.2	12.0
2	✓	0714	3524064	1.0	—
3	OFF	0703	NA	NA	NA
4	OFF	0703	NA	NA	NA
5	✓	0717	4017331	1.0	17.3
6	✓	0719	4309778	1.5	17.7
7	✓	0721	3774787	1.6	19.9
8	✓	0723	1868043	.9	18.1
9	✓	0725	2131943	1.0	23.1
10	✓	0727	2150251	.8	18.9
11	✓	0729	1977746	1.6	15.3
12	✓	0730	0862788	1.0	11.5
13	OFF	0703	NA	NA	NA
14	✓	0732	1162060	1.0	13.5
15	OFF	0703	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0707	4286394	1.7	19.8

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 6 95
Date

PAUL CONOVER
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0725	4028718	2.2	11.7
2	✓	0727	3525412	1.2	—
3	OFF	0718	NA	NA	NA
4	OFF	0718	NA	NA	NA
5	✓	0729	4019333	1.2	17.4
6	✓	0731	4312486	2.0	17.8
7	✓	0733	3775763	.6	20.1
8	✓	0735	1869403	1.0	18.2
9	✓	0737	2133033	.7	24.4
10	✓	0739	2151977	1.2	18.5
11	✓	0742	1979048	1.0	15.2
12	✓	0744	0864140	1.0	11.7
13	OFF	0718	NA	NA	NA
14	✓	0746	1164348	1.6	13.0
15	OFF	0718	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0720	4288716	1.6	20.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 7-95 — Date

PAULCNOWER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0707	4031709	2.2	12.0
2	✓	0709	3526688	1.8	—
3	OFF	0700	NA	NA	NA
4	OFF	0700	NA	NA	NA
5	✓	0711	4021183	1.4	17.5
6	✓	0713	4315270	2.1	17.9
7	✓	0715	3776682	1.6	20.1
8	✓	0717	1870727	1.9	18.0
9	✓	0721	2133926	1.6	22.8
10	✓	0723	2153787	1.3	18.2
11	✓	0725	1980019	1.9	15.5
12	✓	0727	0865405	1.9	11.3
13	OFF	0700	NA	NA	NA
14	✓	0730	1166585	1.6	13.1
15	OFF	0700	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0703	4291035	1.5	17.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 8 95
Date

PAUL CONOVER
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0750	4084973	2.1	12.1
2	✓	0754	3528081	.8	
3	OFF	NA	NA	NA	NA
4	OFF	NA	NA	NA	NA
5	✓	0758	4022780	1.4	17.5
6	✓	0802	4317863	2.1	17.9
7	✓	0806	3777659	.7	20.1
8	✓	0810	1872157	.9	18.1
9	✓	0814	2134922	.6	22.8
10	✓	0818	2155635	1.3	18.2
11	✓	0822	1981194	.9	15.0
12	✓	0826	0866876	.9	11.4
13	OFF	0740	NA	NA	NA
14	✓	0830	1168855	1.6	13.2
15	OFF	0740	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0745	4293211	15	19.2

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
8	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

Date: APRIL 9-95 Operator: PAUL CONOVER

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0705	4037848	22	12.0
2	✓	0709	3529373	.8	—
3	OFF	0650	NA	NA	NA
4	OFF	0650	NA	NA	NA
5	✓	0713	4023937	1.4	17.5
6	✓	0717	4319971	2.1	17.9
7	✓	0721	3778500	1.6	20.0
8	✓	0724	1873424	.9	18.1
9	✓	0727	2135795	.6	22.7
10	✓	0730	2157324	1.3	18.2
11	✓	0733	1982337	.9	15.5
12	✓	0735	0868189	.9	11.4
13	OFF	0650	NA	NA	NA
14	✓	0739	1170846	1.6	13.1
15	OFF	0650	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0655	4295191	1.5	17.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

Date: APRIL 10 95 Operator: PAUL CONNOR

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0728	4040920	2.2	12.1
2	✓	0730	3530635		
3	OFF	0720	NA	NA	NA
4	OFF	0720	NA	NA	NA
5	✓	0732	4024978	1.4	17.6
6	✓	0734	4322558	2.1	17.9
7	✓	0736	378409	.7	20.0
8	✓	0738	1874793	.9	18.2
9	✓	0740	2136654	.7	22.5
10	✓	0742	2158988	.6	14.3
11	✓	0744	1983514	.9	15.5
12	✓	0746	0869583	.9	11.6
13	OFF	0720	NA	NA	NA
14	✓	0750	1173100		
15	OFF	0720	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0723	4297289	1.5	18.2

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	—	
4	OFF	
5	—	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

Date: APRIL 11 - 95

Operator: Paul CONNOR

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0730	4043927	2.0	12.12
2	✓	0732	3531904	.9	—
3	OFF	0720	NA	NA	NA
4	OFF	0720	NA	NA	NA
5	✓	0734	4025968	.7	17.5
6	✓	0737	4325053	1.5	17.8
7	✓	0740	3780297	.6	20.2
8	✓	0743	1876167	1.0	18.2
9	✓	0745	2137570	.6	23.0
10	✓	0747	2160461	1.0	18.0
11	✓	0749	1989653	.8	15.0
12	✓	0751	0820975	1.0	12.0
13	OFF	0720	NA	NA	NA
14	✓	0753	1175292	1.6	13.5
15	OFF	0720	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0725	4299437	1.4	19.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
3b	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 12 95 — PAUL CONOVER

Date — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0710	4046511	1.8	11.8
2	✓	0712	3533115	0.8	
3	OFF	0705	N/A	N/A	N/A
4	OFF	0705	N/A	N/A	N/A
5	✓	0714	4028049	1.4	17.5
6	✓	0716	4327522	1.8	18.0
7	✓	0719	3781096	0.6	20.8
8	✓	0721	1877508	1.0	18.2
9	✓	0724	2138429	0.6	22.6
10	✓	0727	2161795	1.0	17.6
11	✓	0730	1985685	0.7	15.0
12	✓	0732	0872337	1.0	11.4
13	OFF	0705	N/A	N/A	N/A
14	✓	0734	1177369	1.4	13.5
15	OFF	0705	N/A	N/A	N/A
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0705	4301295	1.4	18.3

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 13-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0727	4048982	1.6	12.0
2	✓	0730	3534328	1.0	—
3	OFF	0720	NA	NA	NA
4	OFF	0720	NA	NA	NA
5	✓	0733	4030115	1.4	18.0
6	✓	0735	4330305	2.2	18.0
7	✓	0737	3781825	.6	20.0
8	✓	0739	1878865	1.0	18.2
9	✓	0741	2139303	1.0	22.9
10	✓	0743	2163543	1.6	17.9
11	✓	0745	1786539	.8	15.0
12	✓	0748	0873708	1.0	11.6
13	OFF	0720	NA	NA	NA
14	✓	0750	1179480	1.6	13.4
15	OFF	0720	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0723	4303336	1.4	20.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
3	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 14-95 — Date

PAUL Conover — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0705	4051317	1.6	12.1
2	✓	0707	3535513	1.0	—
3	OFF	0658	NA	NA	NA
4	OFF	0658	NA	NA	NA
5	✓	0709	4032105	1.4	18.2
6	✓	0711	4338234	2.1	18.1
7	✓	0713	3782161	1.6	20.2
8	✓	0715	1880168	1.0	18.2
9	✓	0717	2140121	1.0	23.0
10	✓	0721	2165063	1.5	17.9
11	✓	0723	1987574	1.8	15.2
12	✓	0725	0875039	1.0	11.7
13	OFF	0658	NA	NA	NA
14	✓	0727	1181623	1.6	13.3
15	OFF	0658	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0701	4305491	1.4	20.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
31	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

04/15/95
ate

RICK BENNUSON
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0940	4054043	1.6	12.0
2	✓	0942	3536843	0.9	—
3	OFF	0925	N/A	N/A	N/A
4	↓	↓	↓	↓	↓
5	✓	0945	4034385	1.4	18.2
6	✓	0947	4336198	1.8	18.0
7	✓	0950	3783121	1.0	20.1
8	✓	0953	1881678	1.0	18.1
9	✓	0956	2140997	0.9	22.9
10	✓	0959	2165882	1.2	18.0
11	✓	1002	1988539	0.8	15.1
12	✓	1004	0876537	1.0	11.9
13	OFF	0925	N/A	N/A	N/A
14	✓	1006	1183993	1.4	13.2
15	OFF	0925	N/A	N/A	N/A
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	
18	✓	0931	4307790	1.8	20.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

Date: 4/16/95

Operator: RICK BENNISON

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0832	4056256	1.6	11.9
2	✓	0834	3537949	0.8	—
3	OFF	0820	N/A	N/A	N/A
4	↓	↓	↓	↓	
5	✓	0836	4036407	1.4	18.1
6	✓	0838	4338752	1.8	18.1
7	✓	0840	3784244	0.9	20.0
8	✓	0842	1882962	1.0	18.1
9	✓	0844	2141745	0.6	23.0
10	✓	0846	2165930	1.4	18.1
11	✓	0848	1990101	1.4	15.0
12	✓	0850	0877815	1.0	12.0
13	OFF	0820	N/A	N/A	N/A
14	✓	0852	1185990	1.5	13.1
15	OFF	0820	N/A	N/A	N/A
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0826	4309896	1.6	20.2

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 17-95 — Date

PAUL CONNOR — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0712	4058456	1.7	12.1
2	✓	0714	3539060	19	—
3	OFF	0702	NA	NA	NA
4	OFF	0702	NA	NA	NA
5	✓	0716	4038466	1.4	17.9
6	✓	0718	4341246	1.0	18.0
7	✓	0720	3785182	.6	21.0
8	✓	0722	1884254	1.0	18.9
9	✓	0725	2142462	.5	22.8
10	✓	0727	2165983	1.6	18.9
11	✓	0729	1991165	1.2	12.9
12	✓	0731	0879079	1.0	11.5
13	OFF	0702	NA	NA	NA
14	✓	0733	1187754	1.7	13.8
15	OFF	0702	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0706	4311857	1.5	20.5

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 18-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0705	4060727	1.6	12.0
2	✓	0707	3540176	.8	—
3	OFF	0653	NA	NA	NA
4	OFF	0653	NA	NA	NA
5	✓	0709	4040500	1.4	19.0
6	✓	0711	4343929	1.4	18.0
7	✓	0713	3786129	1.0	20.5
8	✓	0715	1885602	1.0	18.8
9	✓	0717	2143224	4.	22.9
10	✓	0719	2168104	1.5	19.9
11	✓	0721	1992513	1.1	16.2
12	✓	0723	0880320	1.6	11.7
13	OFF	0653	NA	NA	NA
14	✓	0725	1190119	1.6	13.6
15	OFF	0653	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0656	4314028	1.4	20.3

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
3	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 19-95 — Date

PAUL DONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0710	4063002	1.6	12.10
2	✓	0712	3540632	1.1	—
3	OFF	0701	NA	NA	NA
4	OFF	0701	NA	NA	NA
5	✓	0714	4042614	1.4	17.4
6	✓	0716	4346413	1.6	17.9
7	✓	0718	3787043	1.6	20.8
8	✓	0720	1886979	1.0	18.5
9	✓	0722	2143913	1.0	22.5
10	✓	0725	2470266	1.4	19.3
11	✓	0727	1994040	1.4	15.2
12	✓	0729	0881702	1.0	11.4
13	OFF	0701	NA	NA	NA
14	✓	0731	1192123	1.4	13.3
15	OFF	0701	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0705	4315900	1.4	21.5

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 20-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0710	4065241	1.6	10.0
2	✓	0712	3542515	1.2	—
3	OFF	0658	NA	NA	NA
4	OFF	0658	NA	NA	NA
5	✓	0714	4044756	1.0	17.6
6	✓	0716	4348851	1.8	18.0
7	✓	0718	3787867	.6	20.3
8	✓	0720	1888339	.8	18.4
9	✓	0722	2144550	.4	22.1
10	✓	0724	2172358	1.6	19.9
11	✓	0726	1995418	.9	15.8
12	✓	0728	0888011	.8	11.8
13	OFF	0658	NA	NA	NA
14	✓	0730	1193968	1.3	13.5
15	OFF	0658	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0703	4317571	1.2	19.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

Date APRIL 21-95 Operator PAUL CONOLLY

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0718	4067485	1.6	12.0
2	✓	0720	3544303	1.2	—
3	OFF	0710	NA	NA	NA
4	OFF	0710	NA	NA	NA
5	✓	0722	4046978	1.4	18.0
6	✓	0724	4351430	1.8	18.1
7	✓	0726	3788690	.6	20.8
8	✓	0728	1889699	1.0	18.8
9	✓	0730	2145870	1.0	25.9
10	✓	0732	2174477	1.5	19.9
11	✓	0734	1996748	.9	15.8
12	✓	0736	0884346	1.0	11.7
13	OFF	0710	NA	NA	NA
14	✓	0738	1195912	1.5	13.7
15	OFF	0710	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0714	4319212	1.3	19.0

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
8	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 22-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	1100	4070000	1.5	12.0
2	✓	1103	8546480	1.2	
3	OFF	1051	NA	NA	NA
4	OFF	1051	NA	NA	NA
5	✓	1106	4049509	1.4	18.0
6	✓	1109	4354250	1.6	18.2
7	✓	1111	3789615	.6	20.5
8	✓	1114	1891230	1.0	18.9
9	✓	1117	2147529	1.0	25.9
10	✓	1120	2176741	1.4	19.8
11	✓	1123	1998177	.9	15.7
12	✓	1126	0885841	1.0	11.7
13	OFF	1051	NA	NA	NA
14	✓	1129	1198165	1.5	13.7
15	OFF	1051	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	1055	4321439	1.3	19.4

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 23-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0712	4087166	1.5	12.0
2	✓	0715	3548090	1.0	—
3	OFF	0700	NA	NA	NA
4	OFF	0700	NA	NA	NA
5	✓	0718	4051253	1.4	18.0
6	✓	0721	4356204	1.3	18.1
7	✓	0724	3790277	.6	20.8
8	✓	0727	1892332	1.0	18.9
9	✓	0730	2148785	1.0	24.9
10	✓	0733	2178373	1.5	19.8
11	✓	0735	1999212	.9	15.7
12	✓	0738	0886925	1.0	11.6
13	OFF	0700	NA	NA	NA
14	✓	0740	1199865	1.4	13.5
15	OFF	0700	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0708	4323123	1.5	19.2

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
8	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 24-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0730	4074066	1.5	11.9
2	✓	0733	3549986	1.4	—
3	OFF	0721	NA	NA	NA
4	OFF	0721	NA	NA	NA
5	✓	0736	4653318	1.6	18.0
6	✓	0739	4358782	1.8	18.1
7	✓	0741	3791013	.6	20.8
8	✓	0743	1893665	1.0	18.6
9	✓	0745	2150348	1.1	24.2
10	✓	0747	2180296	1.4	19.1
11	✓	0749	2000116	.9	13.0
12	✓	0751	6888240	1.0	11.7
13	OFF	0721	NA	NA	NA
14	✓	0754	1201910	1.5	13.4
15	OFF	0721	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0725	4325050	1.6	21.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 25-95
Date

PAULEENOVER
Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0712	4076212	1.6	12.0
2	✓	0714	3551840	1.4	—
3	OFF	0705	NA	NA	NA
4	OFF	0705	NA	NA	NA
5	✓	0716	4055317	1.4	18.1
6	✓	0718	4361423	1.8	18.1
7	✓	0720	3791713	.6	20.8
8	✓	0722	1894952	.9	19.0
9	✓	0724	2157837	1.5	25.0
10	✓	0726	2182051	1.2	19.1
11	✓	0728	2000861	.8	15.1
12	✓	0730	0889952	.8	11.8
13	OFF	0705	NA	NA	NA
14	✓	0732	1202980	1.5	9.8 RESET OVERLOAD
15	OFF	0705	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	0708	4327182	1.4	19.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 26-95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0711	4078407	1.5	12.0
2	✓	0713	3553849	1.4	—
3	OFF	0700	NA	NA	NA
4	OFF	0700	NA	NA	NA
5	✓	0715	4057395	1.5	15.1
6	✓	0717	4363894	1.6	18.0
7	✓	0720	3792398	.4	20.3
8	✓	0722	1896271	1.0	18.9
9	✓	0725	2153191	1.0	25.0
10	✓	0727	2183655	1.1	19.1
11	✓	0729	2081977	.8	15.2
12	✓	0731	0890797	1.4	11.7
13	OFF	0700	NA	NA	NA
14	✓	0733	1204985	1.4	13.1
15	OFF	0700	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0705	4329112	1.4	18.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 27-95 — Date

PAUL CONDON — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0700	4080461	1.5	12.1
2	✓	0702	3555861	1.4	—
3	OFF	0650	NA	NA	NA
4	OFF	0650	NA	NA	NA
5	✓	0704	4059460	1.6	18.2
6	✓	0706	4866496	1.4	18.1
7	✓	0708	3793033	1.5	20.3
8	✓	0710	1897582	1.9	16.8
9	✓	0712	2154636	1.1	24.8
10	✓	0714	2185729	1.0	19.4
11	✓	0716	2003019	1.8	15.2
12	✓	0718	0892063	1.0	11.8
13	OFF	0650	NA	NA	NA
14	✓	0720	1206995	1.4	13.2
15	OFF	0650	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0755	4338977	1.8	18.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 2895 — Paul CONOVER

Date — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	0730	4082529	1.4	12.1
2	✓	0732	3557956	1.6	—
3	OFF	0720	NA	NA	NA
4	OFF	0720	NA	NA	NA
5	✓	0734	4066660	1.6	18.1
6	✓	0736	4369026	1.4	18.6
7	✓	0738	3773602	1.5	20.4
8	✓	0740	3898916	.9	18.6
9		0742	2156168	1.2	24.7
10	✓	0744	2864456	1.0	19.3
11	✓	0746	2003645	.8	15.4
12	✓	0748	0893320	1.0	11.8
13	OFF	0720	NA	NA	NA
14	✓	0750	1209055	1.4	13.7
15	OFF	0720	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	0725	4333188	1.9	22.1

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
8	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 29-95 — Date

PAUL CONNER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	1204	4084955	1.6	12.0
2	✓	1207	3560593	1.4	—
3	OFF	1200	NA	NA	NA
4	OFF	1200	NA	NA	NA
5	✓	1210	4064272	1.4	18.2
6	✓	1213	4371814	1.6	18.2
7	✓	1216	3794222	1.6	20.8
8	✓	1219	1900487	1.0	19.4
9	✓	1222	2158016	1.4	24.6
10	✓	1225	2187777	1.2	19.2
11	✓	1228	2004824	1.9	15.11
12	✓	1231	0894944	1.0	11.8
13	OFF	1200	NA	NA	NA
14	✓	1233	1215555	1.4	12.0
15	OFF	1200	NA	NA	NA
16	↓	↓	↓	↓	↓
17	↓	↓	↓	↓	↓
18	✓	1152	4035197	1.8	19.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	

DAILY OPERATOR LOG SHEET
GROUND WATER EXTRACTION SYSTEM

APRIL 30 -95 — Date

PAUL CONOVER — Operator

GROUND WATER EXTRACTION PUMPS

Extraction Well Number	Operating (✓)	Time (Military)	Totalizer Reading	Calculated Flowrate (gpm)	Observations/Comments and Depth to Water
1	✓	1450	4687288	1.6	12.0
2	✓	1453	3562739	1.4	—
3	OFF	1440	NA	NA	NA
4	OFF	1440	NA	NA	NA
5	✓	1456	4066791	1.4	18.1
6	✓	1459	4374740	1.5	18.0
7	✓	1502	3794797	.8	20.6
8	✓	1505	1901957	1.0	19.4
9	✓	1508	2159724	1.4	24.5
10	✓	1511	2188726	1.2	19.7
11	✓	1514	2005942	.9	15.1
12	✓	1517	0896489	1.0	11.8
13	OFF	1440	NA	NA	NA
14	✓	1530	1213814	1.5	12.0
15	OFF	1440	NA	NA	NA
16	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓
18	✓	1445	4337077	1.8	19.9

FREE OIL RECOVERY PUMPS

Well Number	Operating (✓)	Observations/ Comments
1	OFF	
2	✓	
4	OFF	
5	✓	
6	✓	
7	✓	
36	✓	