240

Hermit 0.0 [illegible] 1015

Test started @ 1432

[illegible] (1794 - 1817) - 1 mm
(1958 - 2024) - 29.5mm

Δ = 257

1958 3.36
2324 3.25
.11

300
26
1766
257
2023

1794

Well #

Port #	Well #
1	S1A
2	S1B
3	D1A
4	D1B
5	S4
6	S2A
7	S2B
8	D2A
9	D2B
10	Open!
11	S3
12	D3

1 hr Print
Flamme's.

2 [illegible]

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

SFWMD 3301 Gun Club Rd WPB FL 33409
Owner Address City State Zip

6-29-89 60 80 STL APT 4 D1
Contractor's Signature License No. Completion Date Casing Depth Total Depth Well #

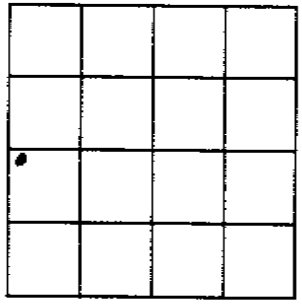
Tony Lubrano
Driller's Name Registration No.

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____
From top of ground

LOCATION
Located Near Michigan Joker on V Bar Ranch
County St. Lucie

NW SW 10 36 37
¼ ¼ Section Township Range

27 21 46 80 37 41
Latitude-Longitude



LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter & Depth		Depth (ft) From	Depth (ft) To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	2	60	0	60	CASING
	2	80	60	80	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.060 in
Screened from 60 (ft.) to 80 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

SFWMD	3301 Gun Club Rd	WPB	FL	33409
Owner	Address	City	State	Zip

		6-29-89	20	40	67 C API 4 S1
Contractor's Signature	License No.	Completion Date	Casing Depth	Total Depth	Well #

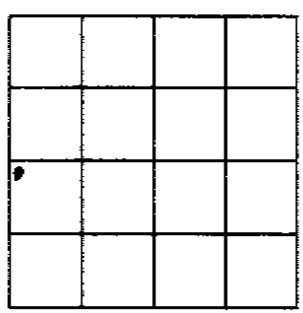
Driller's Name _____ Registration No. _____

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____
From top of ground

LOCATION
Located Near Microwave Tower on V Bar Ranch
County ST. Lucie

NW SW 10 36 37
¼ ¼ Section Township Range

27 21 40 80 37 41
Latitude-Longitude



LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter	& Depth	Depth (ft) From	To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	2	20	0	20	CASING
	2	40	20	40	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.020 in
Screened from 20 (ft.) to 40 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. ________

SFWMD 3301 Gun Club Rd WPB Fl 33409
Owner / Address / City / State / Zip

Contractor's Signature ____ License No. ____ 7-18-89 Completion Date | 60 Casing Depth | 80 Total Depth | STL APT 4 D2 Well #

Tony Lubiano
Driller's Name ____ Registration No. ____

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other ________
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other ________
STATIC WATER LEVEL ______ Ft. below top of casing
PUMPING WATER LEVEL ______ Ft. after ______ Hrs. at ______ GPM
PUMP SIZE ______ H.P. CAPACITY ______ GPM
PUMP TYPE ______ INTAKE DEPTH ______ From top of ground

Grout Thickness & Depth	Casing & Screen Diameter	& Depth	Depth (ft) From	Depth (ft) To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	2	60	0	60	CASING
	2	80	60	80	SCREEN
Number of bags					

LOCATION

Located Near Microwave Tower on V BAR Ranch
County ST. Lucie

NW SW 10 36 37
¼ ¼ Section Township Range
27° 21' 40" 80° 37' 41"
Latitude-Longitude

LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.020 in
Screened from 60 (ft.) to 80 (ft.)
Type of grout with % additives ________
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity ________ Chlorides ________ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

SFWMD | 3301 Gun Club Rd | WPB | Fl | 33409
Owner | Address | City | State | Zip

Contractor's Signature | License No. | 7-18-89 Completion Date | 20 Casing Depth | 40 Total Depth | ST LAPT 4 52 Well #

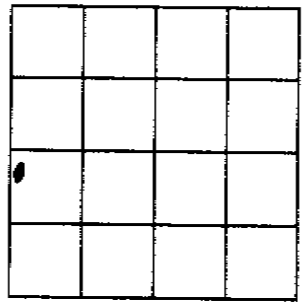
Tony Lubiano
Driller's Name | Registration No.

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____
From top of ground

LOCATION
Located Near Microwave Tower on V Bar Ranch
County St. Lucie

NW SW 10 36 37
¼ ¼ Section Township Range

27° 21' 40" 80 37 41
Latitude-Longitude


LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter	& Depth	Depth (ft) From	To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes Give color, grain size, and type of material Note cavities, depth to producing zones.
	2	20	0	20	CASING
	2	40	20	40	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.020
Screened from 20 (ft.) to 40 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

SFWMD | 3301 Gun Club Rd | WPB | FL | 33409
Owner | Address | City | State | Zip

Contractor's Signature | License No. | 7-20-89 Completion Date | 20 Casing Depth | 40 Total Depth | STL APT 4 S4 Well #

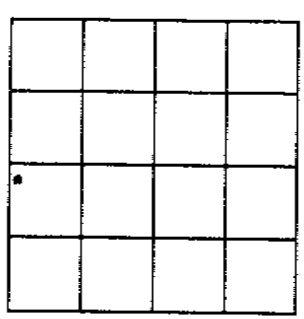
Tony Lubriano
Driller's Name | Registration No.

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____
From top of ground

LOCATION
Located Near Microwave Tower on V Bar Ranch
County _____

NW SW 10 36 37
¼ ¼ Section Township Range

27 21 40 80 37 42
Latitude-Longitude



LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter & Depth		Depth (ft) From	Depth (ft) To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	2	20	0	20	CASING
	2	40	20	40	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.020
Screened from 20 (ft.) to 40 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT FORM 0124 Rev. 4/85 **WELL PERMIT NO.** _____

Owner	Address	City	State	Zip
SFWMD	P.O. Box 24680	West Palm Beach	FL	33416

Contractor's Name	License No.	Completion Date	Casing Depth	Total Depth	Well #
Martin Brown Jr.	2334	6/28/89	0-30'	122'	STLAPT4 PW-1

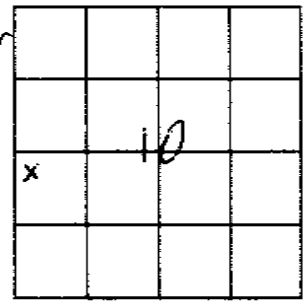
Driller's Name: Tony Lubrano Registration No.: _____

TYPE OF WORK: Construct (X) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor ( ) Test (X)
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (X) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____ From top of ground

LOCATION
Located Near Microwave Tower on K-Bar Ranch
County St Lucie

SW NW SW 10 36S 37E
¼ ¼ Section Township Range
SW ¼

27°21'40" 80°37'41"
Latitude-Longitude



LOCATE IN SECTION

Cuttings sent to District? (X) Yes ( ) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter & Depth	Depth (ft) From	Depth (ft) To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	0			
	6" Dia			
	PVC			
	csg 30'			
	30'			
	6" Dia			
	PVC Screen			
	40'			
Number of bags				
	20/30 sd			

Casing: Black Steel ( ) Galv. ( ) PVC (X) Fiberglass ( )
Screen: Type PVC Slot size 0.020"
Screened from 30 (ft.) to 40 (ft.)
Type of grout with % additives Neat
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

Owner	Address	City	State	Zip
SFWMD	3301 Gun Club Rd	WPB	FL	33409

Contractor's Signature	License No.	Completion Date	Casing Depth	Total Depth	Well #
		7-19-89	60	80	STLAPT 4 03

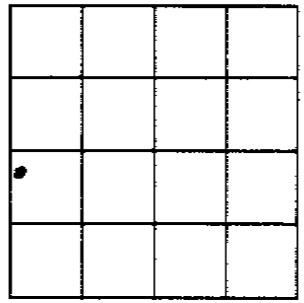
Driller's Name: Tony Lubrano
Registration No.:

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____ From top of ground

LOCATION
Located Near Micanopy Tower on V Bar Ranch
County St. Lucie

¼	¼	Section	Township	Range
NW	SW	10	36	37

27° 21' 38" 80° 37' 41"
Latitude-Longitude



LOCATE IN SECTION

Cuttings sent to District? ( ) Yes (✓) No

Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter	& Depth	Depth (ft) From	To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes Give color, grain size, and type of material Note cavities, depth to producing zones.
	2	60	0	60	CASING
	2	80	60	80	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type PVC Slot size 0.020
Screened from 60 (ft.) to 80 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l

WELL COMPLETION REPORT

FORM 0124
Rev. 4/85

WELL PERMIT NO. _____

SFWMD | 3301 Gun Club Rd | WPB | FL | 33409
Owner | Address | City | State | Zip

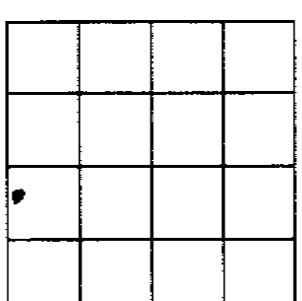
Contractor's Signature | License No. | 7-19-89 Completion Date | 20 Casing Depth | 40 Total Depth | STLAPT 4 53 Well #

Tony Lubriano
Driller's Name | Registration No.

TYPE OF WORK: Construct (✓) Repair ( ) Abandon ( )
WELL USE: Domestic Well ( ) Public ( ) Monitor (✓) Test ( )
Irrigation ( ) Fire Well ( ) Other _____
METHOD: Rotary with MUD (✓) or Air ( ), Cable Tool ( ), Jet ( )
Casing Driven ( ), Other _____
STATIC WATER LEVEL _____ Ft. below top of casing
PUMPING WATER LEVEL _____ Ft. after _____ Hrs. at _____ GPM
PUMP SIZE _____ H.P. CAPACITY _____ GPM
PUMP TYPE _____ INTAKE DEPTH _____ From top of ground

LOCATION
Located Near Micco Water Tower on V Bar Ranch
County St Lucie

NW SW 10 36 37
¼ ¼ Section Township Range
27°21'38" 80°37'41"
Latitude-Longitude



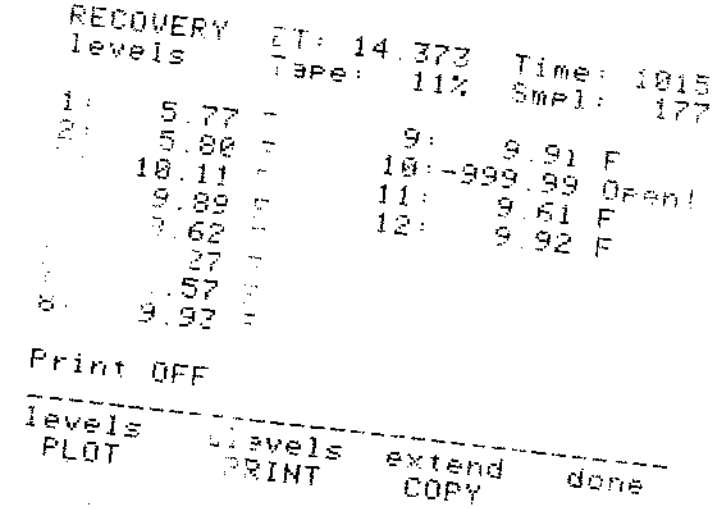
LOCATE IN SECTION

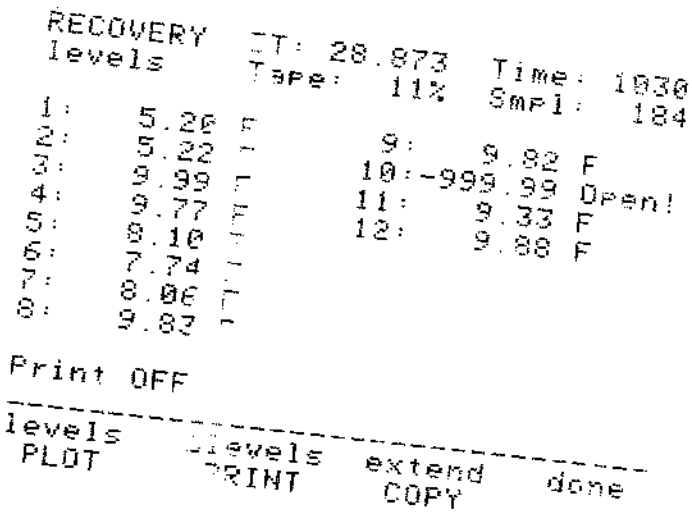
Cuttings sent to District? ( ) Yes (✓) No

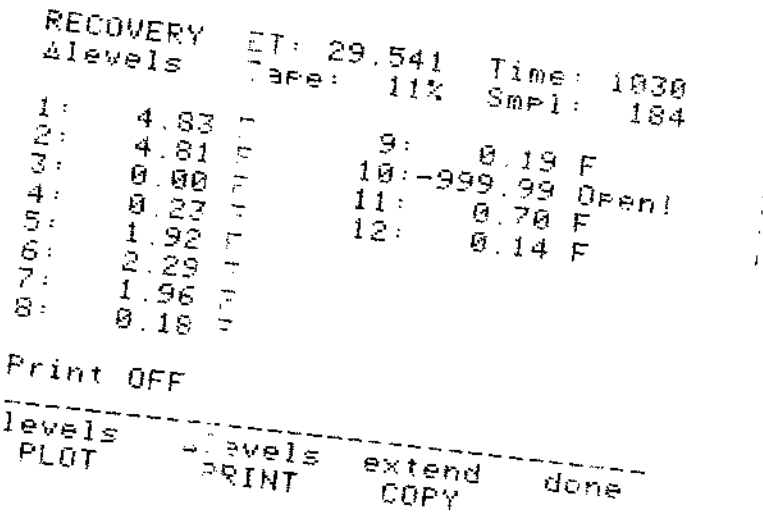
Note: PWS Wells attach a site map if well location is different from site location on permit application.

Grout Thickness & Depth	Casing & Screen Diameter	& Depth	Depth (ft) From	To	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
	2	20	0	20	CASING
	2	40	20	40	SCREEN
Number of bags					

Casing: Black Steel ( ) Galv. ( ) PVC (✓) Fiberglass ( )
Screen: Type RVC Slot size 0.020
Screened from 20 (ft.) to 40 (ft.)
Type of grout with % additives _____
Water: Clear ( ) Colored ( ) Sulphur ( ) Salty ( ) Iron ( )
Conductivity _____ Chlorides _____ mg/l


RECOVERY
levels
ET: 14.373
Tape: 11%
Time: 1015
Smpl: 177
1: 5.77 F
2: 5.80 F
3: 10.11 F
4: 9.89 F
5: 9.62 F
6: .27 F
7: .57 F
8: 9.92 F
9: 9.91 F
10: -999.99 Open!
11: 9.51 F
12: 9.92 F
Print OFF
levels
PLOT
Alevels
PRINT
extend
COPY
done


RECOVERY
levels
ET: 28.873
Tape: 11%
Time: 1030
Smpl: 184
1: 5.26 F
2: 5.22 F
3: 9.99 F
4: 9.77 F
5: 9.10 F
6: 7.74 F
7: 8.06 F
8: 9.87 F
9: 9.82 F
10: -999.99 Open!
11: 9.33 F
12: 9.88 F
Print OFF
levels
PLOT
Alevels
PRINT
extend
COPY
done


RECOVERY
Alevels
ET: 29.541
Tape: 11%
Time: 1030
Smpl: 184
1: 4.83 F
2: 4.81 F
3: 0.00 F
4: 0.27 F
5: 1.92 F
6: 2.29 F
7: 1.96 F
8: 0.18 F
9: 0.19 F
10: -999.99 Open!
11: 0.70 F
12: 0.14 F
Print OFF
levels
PLOT
Alevels
PRINT
extend
COPY
done

```
RECOVERY   ET: 44.481   Time: 1945
levels     Tape:  12%   Smpl:  192

1:    4.83 F        9:    9.72 F
2:    4.85 F       10:-999.99 Open!
3:    9.95 F       11:    9.12 F
4:    9.67 F       12:    9.82 F
5:    7.75 F
6:    7.38 F
7:    7.71 F
8:    9.74 F

Print OFF
-------------------------------------
levels   Δlevels  extend    done
 PLOT     PRINT    COPY
```

```
RECOVERY   ET: 58.647   Time: 1100
levels     Tape:  12%   Smpl:  199

1:    4.59 F        9:    9.64 F
2:    4.61 F       10:-999.99 Open!
3:   10.08 F       11:    8.97 F
4:    9.60 F       12:    9.74 F
5:    7.53 F
6:    7.15 F
7:    7.47 F
8:    9.66 F

Print OFF
-------------------------------------
levels   Δlevels  extend    done
 PLOT     PRINT    COPY
```

```
RECOVERY   ET: 59.268   Time: 1100
Δlevels    Tape:  12%   Smpl:  199

1:    5.42 F        9:    0.36 F
2:    5.41 F       10:-999.99 Open!
3:   -0.09 F       11:    1.03 F
4:    0.40 F       12:    0.25 F
5:    2.48 F
6:    2.85 F
7:    2.54 F
8:    0.34 F

Print OFF
-------------------------------------
levels   Δlevels  extend    done
 PLOT     PRINT    COPY
```

```
RECOVERY  ET: 118.94  Time: 1200
levels    Tape:  13%  Smpl:  220

1:    4.05 F       9:    9.44 F
2:    4.06 F      10:-999.99 Open!
3:    9.95 F      11:    8.65 F
4:    9.37 F      12:    9.58 F
5:    7.02 F
6:    6.64 F
7: 999.99 Over!
8:    9.46 F

Print OFF
-------------------------------
levels   Levels  extend   done
 PLOT     PRINT    COPY
```

```
RECOVERY  ET: 178.65  Time: 1300
levels    Tape:  14%  Smpl:  223

1:    3.76 F       9:    9.28 F
2:    3.77 F      10:-999.99 Open!
3:    9.86 F      11:    8.47 F
4:    9.24 F      12:    9.45 F
5:    6.74 F
6:    6.35 F
7:    2.77 F
8:    9.30 F

Print OFF
-------------------------------
levels   Levels  extend   done
 PLOT     PRINT    COPY
```

```
RECOVERY  ET: 238.65  Time: 1400
levels    Tape:  14%  Smpl:  226

1:    3.61 F       9:    9.18 F
2:    3.64 F      10:-999.99 Open!
3:   10.16 F      11:    8.36 F
4:    9.14 F      12:    9.37 F
5:    6.58 F
6:    6.19 F
7: 999.99 Over!
8:    9.20 F

Print OFF
-------------------------------
levels   Levels  extend   done
 PLOT     PRINT    COPY
```

```
RECOVERY   CT: 299.27   Time: 1500
levels     Tape:   14%  Smpl:  229

1:    3.50 F        9:    9.11 F
2:    3.52 F       10:-999.99 Open!
3:   10.13 F       11:    8.31 F
4:    9.07 F       12:    9.33 F
5:    6.48 F
6:    6.03 F
7: 999.99 Over!
8:    9.13 F

Print OFF
```

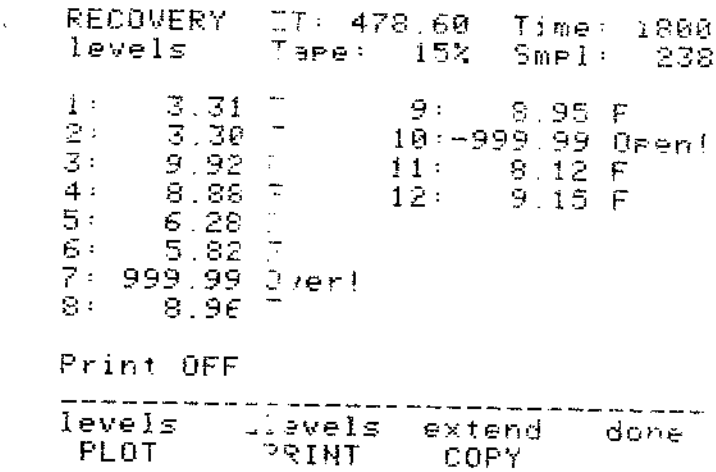
levels PLOT | Levels PRINT | extend COPY | done

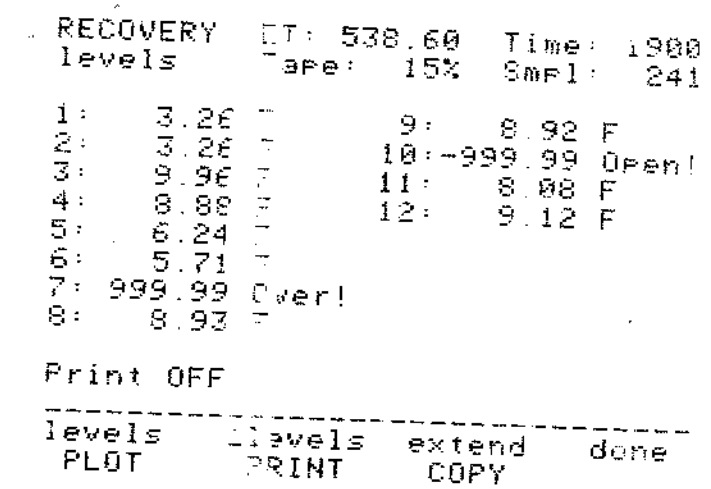
```
RECOVERY   CT: 358.77   Time: 1600
levels     Tape:   14%  Smpl:  232

1:    3.44 F        9:    9.06 F
2:    3.47 F       10:-999.99 Open!
3:   10.07 F       11:    8.25 F
4:    8.99 F       12:    9.25 F
5:    6.40 F
6:    5.94 F
7:    3.74 F
8:    9.06 F

Print OFF
```

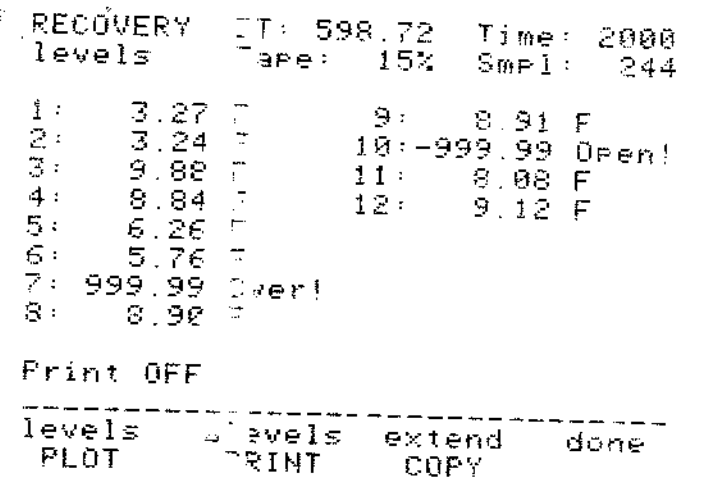
levels PLOT | Levels PRINT | extend COPY | done

```
RECOVERY   CT: 419.77   Time: 1701
levels     Tape:   14%  Smpl:  235

1:    3.35 F        9:    8.99 F
2:    3.36 F       10:-999.99 Open!
3:   10.03 F       11:    8.17 F
4:    8.94 F       12:    9.20 F
5:    6.32 F
6:    5.82 F
7: 999.99 Over!
8:    9.01 F

Print OFF
```

levels PLOT | Levels PRINT | extend COPY | done


RECOVERY ET: 478.60 Time: 1800
levels Tape: 15% Smpl: 238
1: 3.31 F
2: 3.30 F
3: 9.92 F
4: 8.86 F
5: 6.28 F
6: 5.82 F
7: 999.99 Over!
8: 8.96 F
9: 8.95 F
10: -999.99 Open!
11: 8.12 F
12: 9.15 F
Print OFF
levels
PLOT
levels
PRINT
extend
COPY
done


RECOVERY ET: 538.60 Time: 1900
levels Tape: 15% Smpl: 241
1: 3.26 F
2: 3.26 F
3: 9.96 F
4: 8.88 F
5: 6.24 F
6: 5.71 F
7: 999.99 Over!
8: 8.93 F
9: 8.92 F
10: -999.99 Open!
11: 8.08 F
12: 9.12 F
Print OFF
levels
PLOT
levels
PRINT
extend
COPY
done


RECOVERY ET: 598.72 Time: 2000
levels Tape: 15% Smpl: 244
1: 3.27 F
2: 3.24 F
3: 9.88 F
4: 8.84 F
5: 6.26 F
6: 5.76 F
7: 999.99 Over!
8: 8.90 F
9: 8.91 F
10: -999.99 Open!
11: 8.08 F
12: 9.12 F
Print OFF
levels
PLOT
levels
PRINT
extend
COPY
done

```
RECOVERY   IT: 660.05   Time: 2101
levels     Tape:   15%   Smpl:   247

1:    3.19 F        9:    8.86 F
2:    3.18 F       10:-999.99 Open!
3:    9.99 F       11:    8.01 F
4:    8.82 F       12:    9.10 F
5:    6.14 F
6:    5.71 F
7: 999.99 Over!
8:    8.88 F

Print OFF
-------------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

```
RECOVERY   IT: 718.72   Time: 2200
levels     Tape:   15%   Smpl:   250

1:    3.17 F        9:    8.85 F
2:    3.17 F       10:-999.99 Open!
3:    9.92 F       11:    7.99 F
4:    8.82 F       12:    9.08 F
5:    6.17 F
6:    5.68 F
7: 999.99 Over!
8:    8.86 F

Print OFF
-------------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

```
RECOVERY   IT: 778.72   Time: 2300
levels     Tape:   15%   Smpl:   253

1:    3.13 F        9:    8.84 F
2:    3.14 F       10:-999.99 Open!
3:    9.90 F       11:    7.96 F
4:    8.79 F       12:    9.06 F
5:    6.09 F
6:    5.66 F
7: 999.99 Over!
8:    8.85 F

Print OFF
-------------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

```
RECOVERY   ET: 838.72   Time: 0000
levels     Tape:  16%   Smpl:   256

1:    3.09 F        9:    8.82 F
2:    3.10 F      10:-999.99 Open!
3:    9.89 F      11:    7.93 F
4:    8.78 F      12:    9.03 F
5:    6.07 F
6:    5.63 F
7: 999.99 Over!
8:    8.83 F

Print OFF
------------------------------------
levels    Levels   extend    done
 PLOT      PRINT    COPY
```

```
RECOVERY   ET: 900.22   Time: 0101
levels     Tape:  16%   Smpl:   260

1:    3.05 F        9:    8.80 F
2:    3.06 F      10:-999.99 Open!
3:   10.00 F      11:    7.89 F
4:    8.75 F      12:    9.00 F
5:    6.04 F
6:    5.62 F
7: 999.99 Over!
8:    8.81 F

Print OFF
------------------------------------
levels    Levels   extend    done
 PLOT      PRINT    COPY
```

```
RECOVERY   ET: 958.72   Time: 0200
levels     Tape:  16%   Smpl:   262

1:    3.02 F        9:    8.78 F
2:    3.03 F      10:-999.99 Open!
3:    9.97 F      11:    7.87 F
4:    8.74 F      12:    8.98 F
5:    6.02 F
6:    5.54 F
7: 999.99 Over!
8:    8.79 F

Print OFF
------------------------------------
levels    Levels   extend    done
 PLOT      PRINT    COPY
```

```
RECOVERY   ET: 1018.7   Time: 0300
levels     Tape:   16%  Smpl:   264

1:    2.99 F       9:    8.75 F
2:    3.00 F      10:-999.99 Open!
3:    9.92 F      11:    7.85 F
4:    8.71 F      12:    8.95 F
5:    5.99 F
6:    5.51 F
7: 999.99 Over!
8:    8.76 F

Print OFF
-------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

```
RECOVERY   ET: 1078.9   Time: 0400
levels     Tape:   16%  Smpl:   265

1:    2.97 F       9:    8.73 F
2:    2.98 F      10:-999.99 Open!
3:    9.92 F      11:    7.83 F
4:    8.68 F      12:    8.93 F
5:    5.97 F
6:    5.44 F
7: 999.99 Over!
8:    8.74 F

Print OFF
-------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

```
RECOVERY   ET: 1140.6   Time: 0502
levels     Tape:   16%  Smpl:   266

1:    2.95 F       9:    8.71 F
2:    2.96 F      10:-999.99 Open!
3:    9.95 F      11:    7.81 F
4:    8.68 F      12:    8.91 F
5:    5.95 F
6:    5.42 F
7: 999.99 Over!
8:    8.72 F

Print OFF
-------------------------------
levels    Levels  extend    done
 PLOT     PRINT     COPY
```

AQUIFER TEST DATA

Owner ______ Address STLAPT4 ______ County ______ State ______

Date ______ Company performing test ______ Measured by ______

Well No. WTW (SLMW95) Distance from pumping well ______ Type of test Const. ______ Test No 1

Measuring equipment ______

Time Data

Pump on: Date ______ Time ______ (t)
Pump off: Date ______ Time ______ (t')
Duration of aquifer test:
Pumping ______ Recovery ______

Water Level Data

Static water level ______
Measuring point ______
Elevation of measuring point ______

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port __ Datum __	Port __ Datum __	Time
8/16	5	23		S	5.00	1.93	3.07			0.66		[illegible]		
	5	24		D	4.00	1.45	2.55			—				
	7	23		S	4.00	0.45	3.65			0.02				
	7	24		D	3.00	0.46	2.54			0.01	0.01			
	09	21		S	4.0	.98	3.02			0.03	0.05			
				— Recovery @ 10:00 AM —						—				
	11	15		S	4.0	.99	3.01			0.01	0.01			
	12	15		S	4.0	1.00	3.00			0.01	0.02			
	14	15		S	4.0	1.02	2.98			0.02	0.04			
	16	13		S	4.0	1.03	2.97			0.01	0.05	~ 0.0 within initial water levels		
	18	14		S	4.0	1.03	2.97			0.0	0.05	0.0		
	20	15		S	4.0	1.03	2.97			0.00				

AQUIFER TEST DATA

Owner _____ Address 5TL APT. 4 County _____ State _____

Date 8/14/29 Company performing test _____ Measured by _____

Well No. INTW (SLMW 95) Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

Time Data
Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data
Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

INSITU READINGS Herm

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	Port Datum	Port Datum	Time
8/14/29			0					Background						
	1256		S		5.0	1.59	3.41							
	1408		S		6.0	2.60								
	1652		S		5.0	1.63	3.37			0.04				
	1858		S		5.0	1.63								
	2157		S		5.00	1.62	3.38			0.01				
	2158		D		5.00	2.04								
	2355		S		5.00	1.61	3.39			0.01				
	2356		D		4.00	1.03								
8/15	1	54	S		5.00	1.64	3.36			0.03				
	1	55	D		4.00	1.05								
	3	55	S		5.00	1.63	3.37			0.01				
	3	56	D		4.00	1.06								
	5	53	S		5.00	1.66	3.34			0.03				
	5	54	D		4.00	1.06								
	7	49	S		5.00	1.66	3.34			0				
	7	50	D		4.00	1.08								
	10	01	S		5.0	1.64	3.36			0.02				
	11	4.	S		5.0	1.64								
	13	51	S		6.0	2.64	3.36			0				
	15	5	S		5.0	1.65								
	17	43	S		5.0	1.66	3.34			0.02				
	19	50	S		5.0	1.64	3.36							Started to rain hard @ 1958
	21	17	S		5.00	1.71	3.29			0.05				
	21	18	D		4.00	1.17								
	23	23	S		5.00	1.75	3.25			0.04				
	23	24	D		4.00	1.29								
8/16	1	24	S		5.00	1.83	3.17			0.08				
	1	24	D		4.00	1.37								
	3	20	S		5.00	1.87	3.13	3.21	D	4.00	1.39			

AQUIFER TEST DATA

Owner ____ Address STLAPT 4 County ____ State ____

Date 8/15/89 Company performing test ____ Measured by ____

Well No. S1 Distance from pumping well ____ Type of test ____ Test No. 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t')
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 1 Datum	Port 2 Datum	Time
					INITIAL	LEVEL	3.93							
	21	00			12.00	0.98	11.02			6.01	7.09			
	23	08			12.00	0.94	11.06			0.04	7.13			
8/16	1	08			12.00	0.92	11.08			0.02	7.15			
	3	09			12.00	0.92	11.08			0.00	7.15			
	5	08			12.00	0.92	11.08			0	7.15			
	7	12			12.00	0.90	11.10			0.02	7.17			
	09	01			12.0	.92	11.08			0.02	7.15			
*	Recovery				STARTED	@	10:00 AM	8-16-89						
	10	00			12.0	.91	11.09							
	11	02			7.0	1.40	5.60			5.49	5.49			
	12	01			7.0	1.95	5.05			0.55	6.04			
	14	01			6.0	1.37	4.63			0.42	6.46			
	16	01			6.0	1.56	4.44			0.19	6.65	0.50	water	Initial water level
	18	01			6.0	1.69	4.31			0.13	6.78	0.37		
	20	08			6.0	1.72	4.28			0.03	6.81			
	28	01			6.0	1.81	4.19			0.09	6.90			
						1.111	4.09			0.10	7.00			
	2	02			5.02									
	"	"				2.00								

AQUIFER TEST DATA

Owner ____ Address STCAPT 4 County ____ State ____

Date 8/15/89 Company performing test ____ Measured by ____

Well No. P1 Distance from pumping well ____ Type of test ____ Test No 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t)
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 3 Datum ___	Port 4 Datum ___	Time
					INITIAL	LEVEL	3.88							
8/15					6.00	6.90	5.10			0.03	1.22			
	23	09			6.00	0.89	5.11			0.01	1.23			
8/16	1	09			6.00	0.89	5.11			0	1.23			
	3	09			6.00	0.92	5.08			0.03	1.26			
	5	09			6.00	1.08	4.92			0.16	1.64			
	7	12			6.00	0.97	5.03			0.11	1.15			
	09.01				6.0	.95	5.05			0.02	1.17			
*	Recovery	started @	10:00 AM		8-16-89									
	10	00			6.0	.93	5.07			—				
	11	02			6.0	1.33	4.67			0.40	.40			
	12	02			6.0	1.57	4.43			0.24	.64			
	14	02			6.0	1.78	4.22			0.21	.85			
	16	02			6.0	1.95	4.05			0.17	1.02	0.15	within individual tester limits	
	18	02			6.0	2.03	3.97			0.08	1.10	0.09		
	20	09			6.0	2.1	3.90			0.07	1.17			
	22	10			6.0	2.15	3.85			0.02	1.19			
		1			6.0	2.16	3.84			0.04	1.23			
		04			6.0	2.1								

AQUIFER TEST DATA

Owner ____ Address STCRPT4 County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No. S4 Distance from pumping well ____ Type of test ____ Test No 1

Measuring equipment ____

Time Data
Pump on: Date ____ Time ____ (t')
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data
Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 5 Datum —	Port — Datum —	Time
8/15					INITIAL	LEVEL	3.80							
	2059				9.00	1.15	7.85			0.04	4.05			
	2307				10.00	2.08	7.92			0.07	4.12			
8/16	1 07				10.00	2.06	7.94			0.02	4.14			
	3 07				10.00	2.05	7.95			0.01	4.15			
	5 07				10.00	2.07	7.93			0.02	4.13			
	7 11				9.00	1.05	7.95			0.02	4.15			
	09.03				9.0	1.06	7.94			+0.01	4.14			
		* Recovery st. H2O @ 10:00 AM						8-16-89						
	10 00				9.0	1.06	7.94			—				
	11 03				7.0	1.69	5.31			2.63	2.63			
	12 04				6.0	1.18	4.82			0.49	3.12			
	14 03				6.0	1.59	4.41			0.41	3.53			
	16 03				6.0	1.78	4.22			0.19	3.72	- 0.12	within Initial water levels	
	18 03				5.0	.90	4.10			0.12	3.84	0.30		
	20 07				5.0	.92	4.08			0.02	3.86			
	22 04				5.00	1.01	3.99			0.09	3.95			
	24 03				6.00	2.09	3.91			0.08	4.03			
	2 01				5.00	1.07	3.93			0.02	4.05			
					5.00	1.21	3.79			0.14	4.19			

AQUIFER TEST DATA

Owner ____ Address 5TC APT 4 County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No. S2 Distance from pumping well ____ Type of test ____ Test No. 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t)
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 6 Datum ___	Port 7 Datum ___	Time
8/15					INITIAL LEVEL		4.10							
		20	58		10.00	1.38	8.62			6.02	4.52			
		23	05		10.00	1.33	8.67			0.05	4.57			
8/14		1	05		10.00	1.28	8.72			0.05	4.62			
		3	05		10.00	1.29	8.71			0.01	4.61			
		5	04		10.00	1.31	8.69			0.02	4.59			
		7	08		10.00	1.30	8.70			0.01	4.60			
		09	04		10.0	1.30	8.70			0.00	4.60			
		* Recovery			shutdown @	10.00 a.m.	8-16-89							
	10	00			10.0	1.30	8.70			—				
	11	04			7.0	1.33	5.67			3.03	3.03			
	12	05			6.0	.83	5.17			0.50	3.53			
	14	04			6.0	1.22	4.78			0.39	3.92			
	16	04			6.0	1.40	4.60			0.18	4.10	0.50	within initial water level	
	18	04			6.0	1.52	4.48			0.12	4.22	0.38		
	20	04			6.0	1.56	4.44			0.04	4.26			
	22	05			6.00	1.65	4.35			0.09	4.35			
	30	06					4.28			0.07	4.42			
	5	15												

AQUIFER TEST DATA

Owner ____ Address STA #14 County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No. D2 Distance from pumping well ____ Type of test ____ Test No 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t')
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 8 Datum	Port 9 Datum	Time
					INITIAL	LEVEL	3.96							
8/15	26	58			7.00	1.88	5.12			6.04	1.16			
	23	06			7.00	1.86	5.14			6.02	1.18			
8/16	1	06			7.00	1.87	5.13			0.01	1.17			
	3	06			6.00	0.92	5.08			0.05	1.12			
	5	05			7.00	1.94	5.06			0.02	1.16			
	7	09			6.00	0.94	5.06			0	1.10			
	09	05			6.0	.93	5.07			0.01	1.11			
		Recovery			started @		10:00 AM		8-16-89					
	10	00			6.00	.93	5.07							
	11	05			6.0	1.27	4.73			0.34	0.34			
	12	06			6.0	1.48	4.52			0.21	0.55			
	14	05			6.0	1.72	4.28			0.24	0.79			
	16	04			6.0	1.85	4.15			0.13	0.92	0.19	within	initial water level
	18	05			5.0	.97	4.03			0.12	1.04	0.07		
	20	05			5.0	1.13	3.87			0.16	1.20			
					5.00	1.03	3.97			0.10	1.10			
					5.00		3.93			0.04	1.14			
	2	06			5.00	1.12								
	5	11												

AQUIFER TEST DATA

Owner _____ Address STC APT 4 County _____ State _____

Date 8/15/89 Company performing test _____ Measured by _____

Well No. S3 Distance from pumping well _____ Type of test _____ Test No 1

Measuring equipment _____

Time Data

Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 11 Datum —	Port — Datum —	Time
					INITIAL	LEVEL	4.14							
8/15	20	56			8.00	1.53	6.47			0.01	2.33			
	23	03			9.00	2.51	6.49			0.02	2.35			
8/16	1	03			9.00	2.51	6.49			0	2.35			
	3	03			8.00	1.47	6.53			0.04	2.39			
	5	01			8.00	1.49	6.51			0.02	2.37			
	7	06			8.00	1.50	6.50			0.01	2.36			
	09.	07			8.0	1.50	6.50			0.00	2.36			
		Recovery	Started	@			10:00	8.16						
	10	00			8.0	1.50	6.50			—				
	11	06			6.0	.64	5.36			1.14	1.14			
	12	07			6.0	.94	5.06			0.30	1.44			
	14	06			6.0	1.21	4.79			0.27	1.71			
	16	06			6.0	1.35	4.65			0.14	1.85	0.51	Within	Initial water levels
	18	06			6.0	1.45	4.55			0.10	1.95	0.41		
	20	03			6.0	1.50	4.50			0.05	2.00			
	22	04			6.00	1.56	4.44			0.06	2.06			
8/17	0	4			6.00	1.61	4.39			0.05	2.11			
	2	05			6.00	1.67	4.33			0.06	2.17			
					6.	1.73	4.27			0.06	2.23			

AQUIFER TEST DATA

Owner _____ Address STC APT 4 County _____ State _____

Date 8/15/89 Company performing test _____ Measured by _____

Well No. D3 Distance from pumping well _____ Type of test _____ Test No 1

Measuring equipment _____

Time Data

Pump on Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 12 Datum —	Port — Datum —	Time
					INITIAL	LEVEL	3.84							
8/15	20	5' 7			6.00	1.24	4.76			0.03	0.92			
	13	03			6.00	1.24	4.76			0	0.92			
8/16	1	03			6.00	1.24	4.76			0	0.92			
	3	04			6.00	1.28	4.72			0.04	0.88			
	5	01			6.00	1.29	4.71			0.01	0.87			
	7	06			6.00	1.31	4.69			0.02	0.85			
	09	08			6.0	1.32	4.68			0.01	0.84			
			*	Recovery Started @			10:00							
	10	00			6.0	1.32	4.68							
	11	07			6.0	1.50	4.50			0.18	0.18			
	12	08			6.0	1.68	4.32			0.18	0.36			
	14	07			6.0	1.87	4.13			0.19	0.55			
	16	06			6.0	2.02	3.98			0.15	0.70	0.14	within	Initial water levels
	18	07			5.0	1.11	3.89			0.09	0.71	0.05		
	20	04			5.0	1.15	3.85			0.05	0.83			
	22	04			5.00	1.18	3.82			0.03	0.86			
	0	05			5.00	1.21	3.72			0.03	0.89			
					5.0	1.31					0.99			

AQUIFER TEST DATA

Owner ______ Address STL APT-4 ______ County ______ State ______

Date ______ Company performing test ______ Measured by ______

Well No. ______ Distance from pumping well ______ Type of test ______ Test No ______

Measuring equipment ______

Time Data

Pump on: Date ______ Time ______ (t)
Pump off: Date ______ Time ______ (t')
Duration of aquifer test:
Pumping ______ Recovery ______

Water Level Data

Static water level ______
Measuring point ______
Elevation of measuring point ______

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port ___ Datum ___	Port ___ Datum ___	Time

DRAFT

DISTRICT CELLULAR TELEPHONE LOG

Cellular # 341-1616

Assigned to: Don Padgett Date: 8-14-89

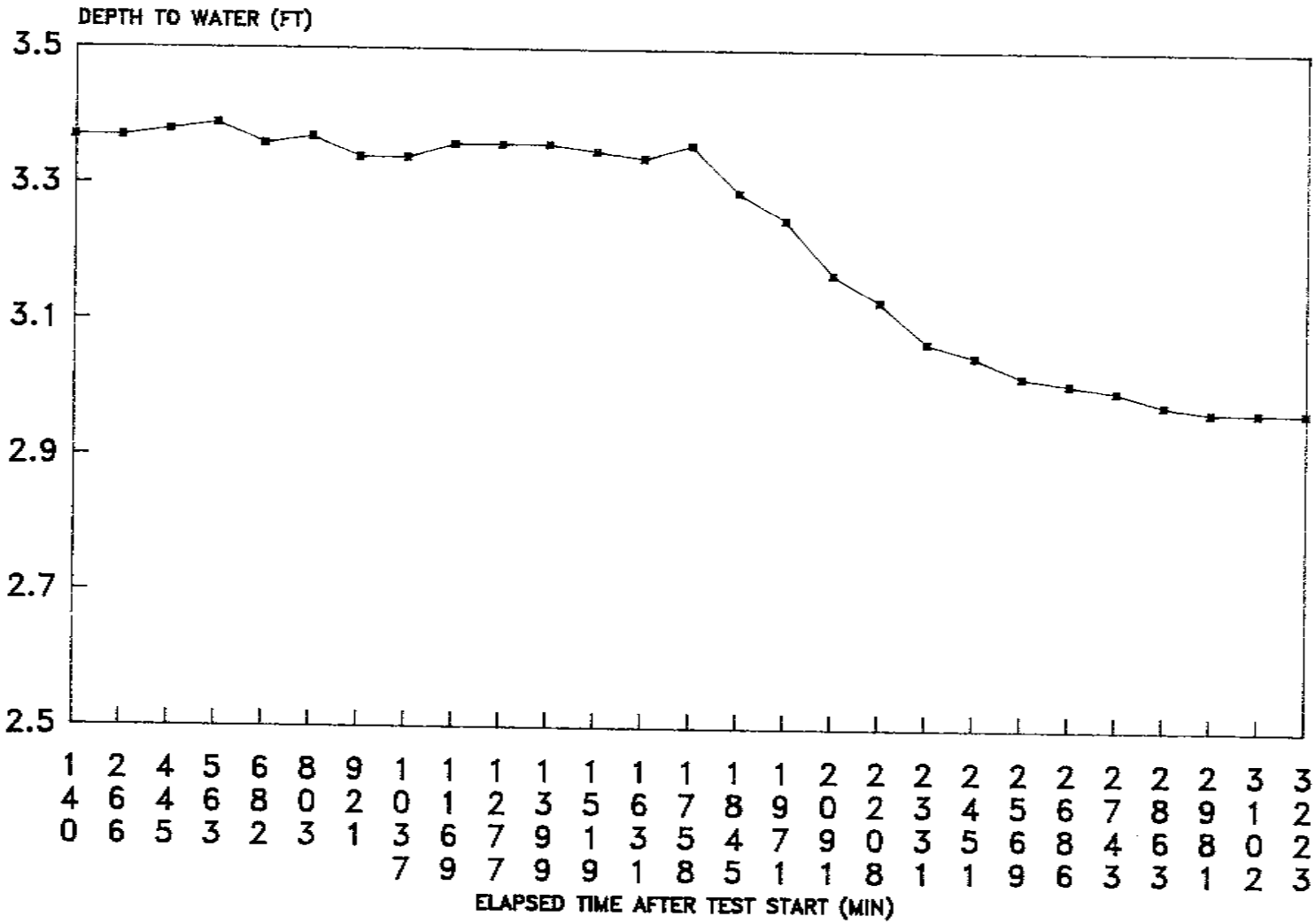
Date/Time	No. Called	Call Recipient	Justification	Duration/ Minutes
8/14 1132	341 6972	Tony Lubrano	call check	.45
8/15 1550	637 6802	Marty Braun	Status update	1.00
8/15 0830	637 6802	Marty Braun	Status update	10.00
8/17 0821	637 6802	Marty Braun	status update	1.00
8/17 0825	627 6812	Don Padgett	status update	3.00
8/15 ≈1600	558-0432	Bob Padgett	arrange transportation	≈ 3.00

For use only in life or property threatening situations or where other phones are not available and immediate communication is in the best interest of the District. All incoming and outgoing calls must be logged, as all air time is charged at 26¢ per minute during the day and 20¢ per minute at night.

Note:

1. Phone is to be secured and locked at all times when unattended.
2. Last four (4) numbers of the cellular phone number will unlock the unit.
3. Call duration must be minimal.
4. Cellular phones should not be used if other phones are available or if delayed communication is not detrimental - use telephone credit card.
5. Unauthorized use or care may result in assumption of personal liability for associated costs and/or revocation of use privileges.
6. Use instructions are provided, report problems to Extension 711.

STLAPT 4 8/14/89-8/16/89
DEPTH TO WATER IN STLMW9B



AQUIFER TEST DATA

Owner VBar Ranch Address STL APT 4 County St. Lucie State ____

Date 8/14/89 Company performing test ~~Constant Rate~~ - STWMD Measured by ____

Well No. S1 Distance from pumping well 30' Type of test Constant Rate Test No 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t')
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change	INSITU READINGS Port 1 Datum L.O	Port 2 Datum L.O	Time
9/14	0915	0			5.0	1.09	3.91	.35	transducer		(3)	24' transducer cable		(A)
	1003	0			5.0	1.09	3.91	31'	water level			20' water level lead		(1)
	1245				5.0	.96	4.04	Serial #	137		(2)	Serial # 4609		
	1332				5.0	1.03	3.97	Scale Factor	49.76			Scale Factor 9.992		
	1425				5.0	1.07	(3.93)			Ø				
	1433	00			Start Test			Q = 99	GPM					
	1439.56	6:56			10.0	1.90	8.10			-4.17	-4.17	-5.98	-5.96	1449
	1513.45	46:45			10.0	0.17	9.83			-1.73	-5.90	-6.75	-6.79	1512
	1631				11.0	.59	10.41			-.78	-6.68	-7.48	-7.49	1638
	1730				11.0	.41	10.59			-.18	-6.66	7.64	7.64	1736
	1841				12.0	1.30	10.70			-.11	-6.77			
	1931				12.0	1.22	10.78			-.08	-6.85			
	2140				12.00	1.13	10.87			-0.09	-6.94			
	2340				12.00	1.07	10.93			-0.06	-7.00			
8/15	146				12.00	1.03	10.97			-0.04	-7.04			
	339				12.00	1.02	10.98			-0.01	-7.05			
	539				12.00	0.98	11.02			-0.04	-7.09			
	735	(4)			12.00	0.97	11.03			-0.01	-7.10			
	9??				13.00	?.??	10.99			+0.04	-7.06			
	1131	(5)			12.0	1.08	10.92			+0.07	-6.99			
	1333				12.0	1.01	10.99			-0.07	-7.06			
	1531				12.0	1.02	10.98			+.01	-7.05			
	1730				12.0	.995	11.005			-.005	-7.075			
	1921				13.0	1.97	11.03			663	7.16			
	2020				Don accidently stops Test									
					Restarts Insitu's all Datum = are 30' to									
					INSITU RESTART									
					12.0	~~12.0~~ 0.99								
					12.00	0.98	11.02			0.01	7.09			

AQUIFER TEST DATA

Owner V Bar Ranch Address STL APT 4 County St. Lucie State _____

Date 8/14/89 Company performing test SFWMD Measured by _____

Well No. D1 Distance from pumping well 30' Type of test Constant Rate Test No 1

Measuring equipment _____

Time Data
Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data
Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	1/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change	INSITU READINGS Port 3 Datum 1	Port 4 Datum 1	Time
8/14	0910	0			5.0	1.15	3.85	35'	transducer		(3)	24' transducer cable		
	1005	0			5.0	1.15	3.85	31'	water level		(4)	21' water level lead		
	1245				5.0	1.07	3.93	Serial # 158				Serial # 4607		
	1353				5.0	1.11	3.89	Scale Factor 49.82				Scale Factor 9.973		
	1423				5.0	1.12	(3.88)	(1433) Start Test						
	1441				7.0	3.11	3.89			-.01	-.01	-1.09		1449
	1520				7.0	2.78	4.22			-.33	-0.34	-1.26		1512
	1632				7.0	2.47	4.53			-.31	-.65	-1.65		1638
	1730				7.0	2.35	4.65			-.12	-.77	-1.76		1736
	1842				6.0	1.23	4.77			-.12	-.89			
	1951				6.0	1.20	4.80			-.03	-.92			
	2141				6.00	1.04	4.96			0.16	1.08			
	23	39			6.00	4.01	4.99			0.03	1.11			
8/15	1	41			6.00	0.99	5.01			0.02	1.13			
	3	40			7.00	1.96	5.04			0.03	1.16			
	5	40			6.00	0.95	5.05			0.01	1.17			
	7	36			6.00	0.92	5.08			0.03	1.20			
	9	36			7.0	1.89	5.11			0.03	1.23			
	11	32			7.0	1.89	5.11			0.	1.23			
	13	33			7.0	1.88	5.12			-.01	-1.24			
	15	32			7.0	1.89	5.11			+.01	-1.23			
	17	31			7.0	1.88	5.12			-.01	-1.24			
	19	32			7.0	1.87	5.13			0.01	1.25			
	21	61			6.00	6.90	5.10			0.03	1.22			

AQUIFER TEST DATA

Owner V Bar Ranch Address STL APT 4 County St. Lucie State

Date 8/14/89 Company performing test SFWMD Measured by

Well No. S4 Distance from pumping well 91' Type of test Constant Rate Test No 1

Measuring equipment

Time Data

Pump on: Date ____ Time ____ (t')
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs
8/14	0950	0			5.0	1.26	3.74				
	1058	0			5.0	1.25	3.75				
	1245				5.0	1.11	3.89				
	1334				6.0	2.18	3.82				
	1424				5.0	1.20	3.80	1433 start test		0.	0
	1440:16				8.0	2.52	5.48			1.68	-1.66
	1523				8.0	1.27	6.83			-1.35	-3.03
	1633				8.0	.73	7.27			-.44	-3.47
	1732				8.0	.57	7.43			-.16	-3.63
	1843				9.0	1.46	7.54			-.11	-3.74
	1932				9.0	1.39	7.61			-.07	-3.81
	2139				9.00	1.31	7.69			0.08	3.89
	2338				9.00	1.24	7.76			0.07	3.96
8/15	1	38			9.00	1.22	7.78			0.02	3.98
	3	38			9.00	1.20	7.80			0.02	4.00
	5	37			9.00	1.17	7.83			0.03	4.03
	7	34			9.00	1.14	7.86			0.03	4.06
	09	34			9.0	1.16	7.84			+.02	4.04
	11	34			9.0	1.19	7.81			+.03	4.01
	13	35			9.0	1.16	7.84			-.03	4.04
	15	33			9.0	1.16	7.84			0	4.04
	17	32			9.0	1.14	7.86			-.02	4.06
	19	33			9.0	1.11	7.89			0.03	4.09
	20	59			9.00	1.15	7.85			0.04	4.05

INSITU READINGS

Port 5 Datum 1	Port ___ Datum 1	Time
24' transducer		20' water level reading
Serial #		4807 (5)
Scale Factor		9.998
-3.09		1449
-4.02		1528
-4.47		1638
-4.64		1736

Page ____ of ____

AQUIFER TEST DATA

Owner: V Bar Ranch Address: STL APT 4 County: St. Lucie State: ____

Date: 8/14/89 Company performing test: SFWMD Measured by: ____

Well No.: S2 Distance from pumping well: 90' Type of test: Constant Rate Test No.: 1

Measuring equipment: ____

Time Data

Pump on: Date ____ Time ____ (t)
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change (Δ?)	INSITU READINGS Port 6 Datum 1	Port 7 Datum 1	Time
8/14	0915	0			5.0	.95	4.05	24' transducer				24' total cable		(A) (6)
8/14	1055				5.0	.95	4.05	(1) 20' water level				20' water level head		
	12:17				5.0	.81	4.19	Serial # 4944				Serial # 2157		
	13:35				5.0	0.89	4.11	Scale Factor 9.988				Scale Factor 10.06		
	14:25				5.0	.90	(4.10)	[illegible] @ 1432						
	1444:30				7.0	.73	6.27			-2.17	-2.17	-3.49	-3.49	1449
	1524				9.0	1.48	7.52			1.25	-3.42	-4.42	-4.44	1528
	1635				9.0	.97	8.03			-.51	3.93	-4.88	-4.87	1638
	1733				11.0	2.81	8.19			-.16	-4.09	-5.03	-4.84	1736
	1844				10.0	1.71	8.29			-.10	4.19			
	19:33				10.0	1.64	8.36			.07	4.26			
	2136				10.00	1.58	8.42			0.06	4.32			
	2336				10.00	1.51	8.49			0.07	4.39			
8/15	1 36				10.00	1.49	8.51			0.02	4.41			
	3 36				10.00	1.44	8.56			0.05	4.46			
	5 35				10.00	1.44	8.56			0	4.46			
	7 33				10.00	1.43	8.57			.01	4.47			
	09 40				10.0	1.42	8.58			-.01	-4.48			
	11 35				10.0	1.45	8.55			+.03	4.45			
	13 35				10.0	1.41	8.59			-.04	-4.49			
	15 34				10.0	1.40	8.60			-.01	-4.50			
	17 33				10.0	1.38	8.62			-.02	-4.52			
	19 34				10.0	1.36	8.64			0.02	4.54			
	20 58				10.00	1.38	8.62			0.02	4.52			

AQUIFER TEST DATA

Owner V Bar Ranch Address STL APT 4 County St. Lucie State

Date 8/14/89 Company performing test SFWMD Measured by

Well No. D2 Distance from pumping well 90' Type of test Constant Rate Test No 1

Measuring equipment

Time Data

Pump on: Date _____ Time _____ (t')
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change	INSITU READINGS Port 8 Datum 1	Port 9 Datum 1	Time (A) (B)
8/14	0915	0			5.0	1.07	3.93	22'	transducer			21' cable.		17' water level head
8/14	1015	0			5.0	1.10	3.90 (9)	18'	water level					
	1247				5.0	1.00	4.00	Serial #	209			Serial # 710		
	1335				5.0	1.02	3.98	Scale Factor	10.02			Scale Factor		10.04
	1425				5.0	1.04	(3.96)	start	end	@ 1453				
	1449				7.0	3.03	3.97			-.01	-.01	-1.04	1.05	1449
	1529				7.0	2.72	4.28			-.31	-.32	-1.32	-1.32	1528
	1635				7.0	2.43	4.57			-.29	-.61	-1.59	-1.58	1638
	1735				7.0	2.32	4.68			-.11	-.72	-1.71	-1.69	1736
	1844				6.0	1.21	4.79			-.11	-.83			
	1933				6.0	1.16	4.84			-.05	-.88			
	2138				6.00	1.03	4.97			0.13	1.01			
	23	37			6.00	1.01	4.99			0.02	1.03			
8/15	1	37			6.00	0.97	5.03			0.04	1.07			
	3	37			6.00	0.95	5.05			0.02	1.09			
	5	36			6.00	0.92	5.08			0.03	1.12			
	7	34			6.00	0.92	5.08			0	1.12			
	09	42			6.0	0.87	5.13			0.05	1.17			
	11	36			6.0	.87	5.13			0	1.17			
	13	36			7.0	1.86	5.14			-.01	1.18			
	15	34			7.0	1.86	5.14			0	1.18			
	17	32			7.0	1.85	5.15			-.01	1.19			
	19	34			7.0	1.84	5.16			0.01	1.20			
	20	54			7.60	1.88	5.12			0.04	1.16			

AQUIFER TEST DATA

Owner: V Bar Ranch   Address: STL APT 4   County: St. Lucie   State: ______

Date: 8/14/89   Company performing test: SFWMD   Measured by: ______

Well No.: S3   Distance from pumping well: 190'   Type of test: Constant Rate   Test No: 1

Measuring equipment: ______

Time Data

Pump on: Date ______ Time ______ (t)
Pump off: Date ______ Time ______ (t')
Duration of aquifer test:
Pumping ______ Recovery ______

Water Level Data

Static water level ______
Measuring point ______
Elevation of measuring point ______

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 11 Datum ⊥	Port __ Datum ⊥	Time
8/14	0930	0			5.0	.91	4.09					20' transducer		(11)
8/14	10:6	0			5.0	.90	4.10					@11.6' water level head		
	12:48				5.0	(.079)						Serial # 718		
	13:36				6.0	1.84	4.16					Scale Factor 10.08		
	14:26				5.0	.86	(4.14)	Start test @ 1433						
	1448	:09			6.0	1.16	4.84			-.70	-.70	-1.74		1449
	1527				9.0	1.47	5.53			-.69	-1.39	-2.34		1528
	1637				7.0	1.11	5.89			-.36	-1.75	-2.72		1638
	17:34				7.0	.97	6.03			-.14	-1.89	-2.85		1736
	18:45				8.0	1.89	6.11			.08	-1.97			
	1935				8.0	1.83	6.17			.06	-2.03			
	2134				8.00	1.78	6.22			0.05	2.08			
	2333				8.00	1.72	6.28			0.06	2.14			
	1 34				8.00	1.69	6.31			0.03	2.17			
	3 37				8.00	1.66	6.34			0.03	2.20			
	5 33				8.00	1.63	6.37			0.03	2.23			
	7 31				8.00	1.65	6.35			+.02	-2.21			
	09 43	[illegible]			8.0	1.60	6.40			-.05	-2.26			
	11 37	[illegible]			8.0	1.61	6.39			-.01	-2.27			
	13 38				8.0	1.59	6.41			-.02	-2.29			
	15 35				8.0	1.57	6.43			-.02	-2.31			
	17 34				8.0	1.55	6.45			-.02	-2.33			
	19 36				8.0	1.52	6.48			0.03	2.34			
	20 56				8.00	1.53	6.47			0.01	2.33			

AQUIFER TEST DATA

Owner V Bar Ranch Address STL APT 4 County St. Lucie State ____

Date 8/14/89 Company performing test SFWMD Measured by ____

Well No. D3 Distance from pumping well 190' Type of test Constant Rate Test No. 1

Measuring equipment ____

Time Data
Pump on: Date ____ Time ____ (t)
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data
Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 12 Datum 1	Port ___ Datum ___	Time
8/14	0930	0			5	1.21	3.79					20' transducer		(12)
8/15	0801	0			5	1.20	3.80					≈ 116' water level head		
	1249				5.0	1.13	3.87					Serial # 2247		
	1336				5.0	1.15	3.85					Scale Factor 10.12		
	1426				5.0	1.16	(3.84)	start test @ 1433						
	1448:30				6.0	2.16	3.84			0	0	-.94		1449
	1528				6.0	1.98	4.02			-.18	-.18	-1.06		1528
	1637				6.0	1.76	4.24			-.22	-.40	-1.34		1638
	1735				6.0	1.67	4.33			-.09	-.49	-1.46		1736
	1846				6.0	1.56	4.44			-.11	-.60			
	1935				6.0	1.52	4.48			.04	-.64			
	2135				6.00	1.41	4.59			0.11	0.75			
	2334				6.00	1.36	4.64			0.05	0.80			
8/15	135				7.00	2.32	4.68			0.04	0.84			
	334				6.00	1.30	4.70			0.02	0.86			
	534				6.00	1.29	4.71			0.01	0.87			
	732				6.00	1.26	4.74			0.03	0.90			
	0944				6.0	1.24	4.76			0.02	0.92			
	1137				6.0	1.23	4.77			0.01	0.93			
	1338				6.0	1.22	4.78			0.01	0.94			
	1536				6.0	1.22	4.78			0	0.94			
	1735				7.0	2.22	4.78			0	0.94			
	1937				7.0	2.21	4.79			0.01	0.95			
	2057				6.00	1.24	4.76			0.02	0.92			

AQUIFER TEST DATA

Owner ____ Address STLHPC4 County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No. WTW (SLMW 95) Distance from pumping well ____ Type of test ____ Test No 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t)
Pump off: Date ____ Time ____ (t')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data

Static water level ____
Measuring point ____
Elevation of measuring point ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Final Water Level Change Δs	INSITU READINGS Port ___ Datum ___	Port ___ Datum ___	Time
8/14	10	16			5.00	1.57	3.47					SERIAL #		2615
												SCALE FACTOR		10.08
												RANGE		10 PSIG
												TRANSDUCER SET		25 BELOW TOC
														22 BELOW W.L.
									INITIAL WL (TRANSDUCER)					20.45
									REFERENCE					1.00

AQUIFER TEST DATA

Owner ____ Address STAMPT-4 County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No. Rain Gage Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment [illegible]

Time Data
Pump on: Date ____ Time ____ (t_1)
Pump off: Date ____ Time ____ (t_1')
Duration of aquifer test:
Pumping ____ Recovery ____

Water Level Data
Static water level ____
Measuring point ____
Elevation of measuring point ____

Discharge Data
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'		Water level measurement	Correction or Conversion	Water level	Water level change s or s'		Discharge measurement	Rate		Comments on factors affecting test data
8/15														
	1711		Rain		lightly			0						
	1715		Rain		[illegible]									Lots of rain to the SE.
	1752		Rain		lightly									
	1759		Stop	Raining				low	Gage		Reset to 0			
	1811		Very	light	drizzle									
	1814		Stop					0						
	1951		Starting	to	rain	Hard								
	2021		STOPPED	Raining				29.5mm						
	2021		OFFSET	Rain	Gage			0						

AQUIFER TEST DATA

Owner _____ Address STL APT - 4 County _____ State _____

Date 8/14/89 Company performing test SFWMD Measured by _____

Well No. SLMW9S Distance from pumping well _____ Type of test Constant Rate Drawdown Test No. 1

Measuring equipment metal tape

Time Data
Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data
Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level change Δs	INSITU READINGS Port __ Datum __	Port __ Datum __	Time
8/14/89	1236	minutes			5.0'	1.59'	3.41'							
	1408				6.0'	2.60'	3.40'					Begin test @ 1432		
	1652	140			5.0'	1.63'	3.37'				+.03			
	1858	266			5.0'	1.63'	3.37'				+.03			
	2157	445			5.0'	1.62'	3.38'				+.02			
	2355	563			5.0'	1.61'	3.39'				+.01			
8/15	154	682			5.0'	1.64'	3.36'				+.04			
	355	803			5.0'	1.63'	3.37'				+.03			
	553	921			5.0'	1.66'	3.34'				+.06			
	749	1037			5.0'	1.66'	3.34'				+.06			
	1001	1169			5.0'	1.64'	3.36'				+.04			
	1149	1277			5.0'	1.64'	3.36'				+.04			
	1351	1399			6.0'	2.64'	3.36'				+.04			
	1551	1519			5.0'	1.65'	3.35'				+.06			
	1743	1631			5.0'	1.66'	3.34'				+.06			
	1950	1758			5.0'	1.64'	3.36'	—			+.04	1958 to 2024	Rained .097'	
	2117	1845			5.0'	1.71'	3.29'				+.11			
	2323	1971			5.0'	1.75'	3.25'				+.16			
8/16	124	2091			5.0'	1.83'	3.17'				+.23			
	320	2208			5.0'	1.87'	3.13'				+.27			
	523	2331			5.0'	1.93'	3.07'				+.33			
	723	2451			4.0'	0.95'	3.05'	—			+.35			
	0921	2569			4.0'	.98'	3.02'				+.38			
	1115	2683	75		4.0'	.99'	3.01'				+.39	Recovery begins @ 1000		
	1215	2743	135		4.0'	1.00'	3.00'				+.40			
	1415	2863	255		4.0'	1.02'	2.98'				+.42			
	1613	2981	373		4.0'	1.03'	2.97'				+.43			
	1814	3102	494		4.0'	1.03'	2.97'				+.43			
	2015	3223	615		4.0'	1.03'	2.97'				+.43			

AQUIFER TEST DATA

Owner _____ Address STLAPT-4 County St Lucie State FL

Date 8/14/89 Company performing test SFWMD Measured by _____

Well No. SLMW9D Distance from pumping well _____ Type of test Constant Rate Drawdown Test No 1

Measuring equipment metal tape

Time Data

Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port __ Datum __	Port __ Datum __	Time
8/14/89	2158				5.0'	2.04'	2.96'					Test begins @		1432
	2356				4.0'	1.03'	2.97'							
8/15	155				4.0'	1.05'	2.95'							
	356				4.0'	1.06'	2.94'							
	554				4.0'	1.06'	2.94'							
	750				4.0'	1.08'	2.92'					1958-2024 Rained .097'		
	2118				4.0'	1.17	2.83'							
	2324				4.0'	1.29'	2.71'							
8/16	124				4.0'	1.37'	2.63'							
	313				4.0'	1.39'	2.61'							
	524				4.0'	1.45'	2.55							
	724				3.0'	0.46'	2.54				.39			

AQUIFER TEST DATA

Owner _____ Address STI APT - 4 County _____ State _____

Date 8/11/89 Company performing test SFWMD Measured by _____

Well No. SLNW95 Distance from pumping well _____ Type of test Constant Rate Drawdown Test No 1

Measuring equipment metal tape

Time Data

Pump on: Date _____ Time _____ (t')
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port __ Datum __	Port __ Datum __	Time
8/14/89	1236				5.0'	1.59'	3.41'							
	1408				6.0'	2.60'	3.40'					Begin test @ 1432		
	1652	140			5.0'	1.63'	3.37'				+.03			
	1858	266			5.0'	1.63'	3.37'				+.03			
	2157	445			5.0'	1.62'	3.38'				+.02			
	2355	563			5.0'	1.61'	3.39'				+.01			
8/15	154	682			5.0'	1.64'	3.36'				+.04			
	355	803			5.0'	1.63'	3.37'				+.03			
	553	921			5.0'	1.66'	3.34'				+.06			
	749	1037			5.0'	1.66'	3.34'				+.06			
	1001	1169			5.0'	1.64'	3.36'				+.04			
	1149	1277			5.0'	1.64'	3.36'				+.04			
	1351	1399			6.0'	2.64'	3.36'				+.04			
	1551	1519			5.0'	1.65'	3.35'				+.05			
	1743	1639			5.0'	1.66'	3.34'				+.06			
	1950	1758			5.0'	1.64'	3.36'	—			+.04	1958 to 2024		Raised .097'
	2117	1845			5.0'	1.71'	3.29'				+.11			
	2323	1971			5.0'	1.75'	3.25'				+.15			
8/16	124	2091			5.0'	1.83'	3.17'				+.23			
	320	2208			5.0'	1.87'	3.13'				+.27			
	523	2331			5.0'	1.93'	3.07'				+.33			
	723	2451			4.0'	0.95'	3.05'	--			+.35			
	0921	2569			4.0'	.98'	3.02'				+.38			
	1115	2683	75		4.0'	.99'	3.01'				+.39	Recovery	begins	@ 1000
	1215	2743	135		4.0'	1.00'	3.00'				+.40			
	1415	2863	255		4.0'	1.02'	2.98'				+.42			
	1613	2981	373		4.0'	1.03'	2.97'				+.43			
	1814	3102	494		4.0'	1.03'	2.97'				+.43			
	2015	3223	615		4.0'	1.03'	2.97'				+.43			

AQUIFER TEST DATA

Owner [redacted] Address STLAPT 4 County [redacted] State ______

Date 8/15/89 Company performing test ______ Measure[redacted]

Well No. ______ Distance from pumping well ______ Type of test [redacted] Test No. ______

Measuring equipment 6" Manometer

Time Data
Pump on: Date ______ Time ______ (t)
Pump off: Date ______ Time ______ (t')
Duration of aquifer test:
Pumping ______ Recovery ______

Water Level Data
Static water level ______
Measuring point ______
Elevation of measuring point ______

Discharge Data
How Q measured ______
Depth of pump/air line ______
Previous pumping? Yes ____ No ____
Duration ______ End ______

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'		STAFF Water level measurement	Correction or Conversion	Water level	Water level change s or s'		Height (FT) Discharge measurement	Rate	3" FLOWMETER	Comments
8/15	07	38				6.48					4.52		100	GPM
	[illegible]	45		09	35	Choke back Flow meter to 99 GPM							100	GPM
	09	48				0.49				[illegible]	4.32	51.84	99	GPM
	11	30				.495					4.28	51.36		
	11	41									4½			
	12	15	opened Valve a little								4.39		100 GPM	Re-Leveled Manomet
	13	32											100 GPM	
	13	42				0.505					4.38			
	14	29											100 GPM	
	15	40											99 GPM	
	15	42				.50					4.38			
	16	31											99 GPM	
	17	28				.50					4.36		99 GPM	
	18	35				[illegible]							99 GPM	
	19	41											99.5 GPM	
	19	43				.52					4.37			
	20	26		INSITU SHUT DOWN ACCIDENTLY.										
	20	49		INSITU RE STARTED										
	21	09				6.6					4.37		100	
	23	11				6.62					4.38	52.56	100	
8/16	1	14				0.63					4.38		100	
	3	11				0.64					4.39		100	
	5	12				0.65					4.38		100	
	7	14				0.66					4.38		100	
	09	10											102 GPM	
	09	13				.66					4.34			
	10	01			Recovery									0247 28 00
	11	22				.68								
	12	22				.68								

AQUIFER TEST DATA

Owner _____ Address 2 APT 4 County _____ State _____

Date 8/14/89 Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment 6" Manometer 2" inch orifice 3" flowmeter

Time Data
Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data
Static water level _____
Measuring point _____
Elevation of measuring point _____

Discharge Data
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ___ No ___
Duration _____ End _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'		Water level measurement	Correction or Conversion	Staff gage Water level	Water level change s or s'		Height (ft) Discharge measurement	Rate	3" flowmeter	Total gallons
~~8/14~~	8/14/89				Background Calibration									0221170
	1110	35			Start			Choke to					104 gpm	
	1116	00			Stop								104 gpm	0221872
	1126	30				Background								0221872
	1130	09											102 gpm	
	1139	00			Stop pump									~~6~~ 0221796
	1146				STAFF Gage	3.80								
	1148									102	4.39	52.56	99 gpm	
	1149										4.40	52.8"	99 gpm	
	1152									102.8	4.42	53.04"	97 gpm	
	1154										4.54	54.48	99 gpm	
	1156										4.53		99 gpm	
	1200									103.7	4.50	54"	99 gpm	
	1540							3.85			4.50		99 gpm	
	1545							3.90			4.50		99 gpm	
	1550							3.95			4.49	53.88"	99 gpm	
	1555							~~4.00~~			~~4.47~~ 4.50	54"	100 GPM	
	1600							4.1			4.52		99 GPM	
	1029							4.15			4.51		100 GPM	
	9145							.42			4.54		100 GPM	
	2230												100 GPM	
	2345							6.44			4.49		100 GPM	
8/15	8	35											100 GPM	
	1	45						6.45			4.53		100	
	2	36									~~4.53~~		100 GPM	
	3	46						6.46			4.53		100 GPM	
	4	36									~~4.52~~		100 GPM	
	5	43						6.47			4.52		100 GPM	
	6	34											100 GPM	

AQUIFER TEST DATA

Owner _____ Address STL APT - 4 County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. ~~HFW~~ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment 3" Flowmeter

Time Data
Pump on: Date _____ Time _____ (t_1)
Pump off: Date _____ Time _____ (t_1')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data
Static water level _____
Measuring point _____
Elevation of measuring point _____

Discharge Data
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ____ No ____
Duration _____ End _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Water level measurement	Correction or Conversion	Water level	Water level change s or s'	Discharge measurement	Q 1 minute Rate	Comments
											Start test @ 1433
8/14	1435									99 GPM	
	1452									96 GPM	
	1454									97 GPM	
	1455									98 GPM	
	1456									97 GPM	
	1459									97 GPM	
	1501				open valve a little					100 GPM	
	1503									99 GPM	
	1511									99 GPM	
	1531									99 GPM	
	1629									100 GPM	
	1728									99.5 GPM	
	1810									100 GPM	0.22 37.200
	1934									99 GPM	
	2145									100 GPM	
	2236									100 GPM	
	2312									100 GPM	
8/15	0	35								100 GPM	
	1	45								100 GPM	
	2	36								100 GPM	
	3	46								100 GPM	
	4	30								100 GPM	
	5	43								100 GPM	
	6	34								100 GPM	
	7	38								100 GPM	
	09	30			adjust value					101 GPM	
	09	34								99 GPM	
	9	40								99 GPM	
	11	30								99 GPM	
	12 15	Adjust Value								100 GPM	

WELL CUTTINGS PROCESSING FORM

SFWMD ID NO.: ______________ WELL CONST. PERMIT NO.: ______________

WELL NAME: *Silapro 64* GEOPHY. LOG AVAIL. ____ Yes ____ No

COUNTY *St. Lucie* SFWMD GEOPHY.# ______________

LOCATION: ___ 1/4 of ___ 1/4 of ___ 1/4 of Sec. *10* Twp. *36* Rge. *37*

Latitude *27° 21' 40"* Longitude *80° 37' 41"*

Planar X ______________ Planar Y ______________

DRILLER: *David Fletcher* DATE DRILLED *2-1-90 To 2-6-90*

DEPTH (ft) *126* ELEVATION (NGVD) ________ ( ) TOPO ( ) SURVEY

NO. OF SAMPLES *1* NO. OF SPLITS *2* DATE SENT ________

SENT TO: (✓) BOG ( ) USGS ________ ( ) OTHER ________

WATER SAMPLE: CHLORIDES (mg/l) ________
LAB SAMPLE # ______________

HYDRAULIC DATA AVAILABLE:
SPECIFIC CAPACITY *✓* Yes ____ No
PUMP TEST *✓* Yes ____ No

COMPLETION INFO: (✓) PLUGGED (✓) TEST ( ) MONITOR ( ) PRODUCTION

DRILLING METHOD: ( ) CABLE TOOL ( ) JET ( ) AUGER
(✓) ROTARY: [✓] Mud [ ] Air [ ] Reverse [ ] Dual Wall

CASING: *N/A* TYPE: ( ) PVC ( ) GALV. ( ) STEEL
DIAMETER: ________ INTERVAL: ______________

SCREEN: *N/A* TYPE: ( ) PVC ( ) GALV. ( ) STEEL
DIAMETER: ________ INTERVAL: ______________

GEOLOGIST DESCRIPTION: ( ) NO ( ) YES ______________

COMMENTS: *This was a test well for [illegible] operation. Well was plugged and abandoned on 2-6-90.*

AQUIFER TEST DATA

Owner ____ Address STL APT-[redacted] 4 County ____ State ____

Date 7/14/89 Company performing test ____ Measured by ____

Well No. D-1 Distance from pumping well ____ Type of test Step Drawdown Test No [redacted] 1

Measuring equipment ____

Time Data

Pump on: Date ____ Time ____ (t) 8:30

Pump off: Date ____ Time ____ (t') 2:15

Duration of aquifer test: Pumping 3.85 Recovery ____

Water Level Data

Static water level ____

Measuring point ____

Elevation of measuring point ____

DP

81.7 ft deep

Comments on factors affecting test data

Recovery

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port 2 Datum 0	Port [redacted] 1 Datum 0	Time
7/14	9 06				6.00	2.15	3.85	Background				SEL=0	SEL=0	
7/14	13 12.15				6.00	2.14	3.86					Rate=log	" "	
	13 14.20				6.00	2.12	3.88			0.02	Negligible	Input=2	" "	
	13 17.17				6.00	2.09	3.91			0.03	0.05	Type Level	" "	
	13 20.20				6.00	2.06	3.94			0.03	0.08	Ref=0	" "	
	13 22.25				6.00	2.05	3.95			0.01	0.09	49.82	49.76	Scale
	13 24.15				6.00	2.05	3.95			0.00	0.09	Offset=0	" "	
	13 26.40				6.00	2.02	3.98			0.03	0.12	EnToc	EnSurf	
	13 28.30				6.00	2.01	3.99			0.01	0.13			
shut step 2	13 29 35				6.00	2.01	3.99			0.00	0.13			
	13 31.10				6.00	2.01	3.99			0.00	0.13			
	13 33 40				6.00	2.01	3.99			0.00	0.13			
	13 35 30				6.00	1.99	4.01			0.02	0.15			
	13 38.30				6.00	1.94	4.06			0.04	0.19			
	13 41.15				6.00	1.90	4.10			0.04	0.23			
	13 43 20				6.00	1.88	4.12			0.02	0.25			
	13 45.30				6.00	1.88	4.12			0.00	0.25			
	13 50.15				6.00	1.82	4.18			0.06	0.31			
	13 55.45				6.00	1.77	4.23			0.05	0.36			
	14 05.45				6.00	1.71	4.29			0.06	0.42			
	14 10.45				6.00	1.67	4.33			0.04	0.46			
	14 15				6.00	1.62	4.38			0.05	0.51			
	14 21.15				6.00	1.61	4.39			0.01	0.52			
	14 25 15				6.00	1.59	4.41			0.02	0.53			
	14 30 45				6.00	1.58	4.42			0.01	0.54			
	14 35.00				6.00	1.55	4.45			0.03	0.57			
	14 38.30				6.00	1.53	4.47			0.02	0.59			

AQUIFER TEST DATA

Owner _____ Address STL APT- ~~2~~ 4 County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. S-1 Distance from pumping well _____ Type of test Constant Rate ~~Drawdown~~ Recovery Test No 2

Measuring equipment _____

Time Data

Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port — Datum —	Port — Datum —	Time
	14	40	65	0	12.00	1.62	10.3							
	14	40	36	1.31	12.00	3.80	8.2							
	14	41	32	1.27	10.00	2.60	7.4							
	14	42	15	2.10	10.00	2.85	7.15							
	14	42	47	2.42	10.00	3.01	6.99							
	14	43	25	3.20	9.00	2.15	6.85							
	14	43	58	3.53	9.00	2.29	6.71							
	14	44	54	4.49	8.00	1.45	6.55							
	14	45	20	5.16	8.00	1.57	6.43							
	14	46	03	5.50	8.00		Caught on transducer							
	14	46	45	6.00	8.00	1.73	6.27							
	14	47	11	7.06	8.00	1.79	6.21							
	14	47	50	7.49	8.00	1.85	6.15							
	14	48	50	8.00	8.00	1.95	6.09							
	14	49	19	9.01	8.00	2.01	5.99							
	14	50	01	9.54	8.00	2.10	5.90							
	14	50	46	10.41	8.00	2.14	5.86							
	14	51	33	11.38	7.00	1.19	5.81							
	~~14~~	~~51~~	~~76~~		~~7.00~~	~~1.25~~								
	14	52	16	12.13	7.00	1.25	5.75							
	14	52	57	13.05	7.00	1.30	5.70							
	14	53	55		7.00	1.38	5.62							
	14	54	11		7.00	1.40	5.60							
	14	55	03		8.00	2.45	5.55							
	14	56	03		7.00	1.50								
	14	57	05		7.00	1.56								
	14	57	48		7.00	1.61								
	14	58	36		7.00	1.63								
	14	59	53		7.00	1.69								

AQUIFER TEST DATA

Owner _____ Address STL APT- ~~X~~ 4 County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 5 1 Distance from pumping well _____ Type of test Constant Rate ~~Drawdown~~ Recovery Test No 2

Measuring equipment _____

Time Data

Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

Water Level Data

Static water level _____
Measuring point _____
Elevation of measuring point _____

Comments on factors affecting test data

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	INSITU READINGS Port — Datum —	Port — Datum —	Time
	15	00	49		7.00	1.75								
	15	01	47		7.00	1.78								
	15	03	50		7.0	1.84								
	15	05	15		6.00	0.90								
	15	06	19		6.00	0.95								
	15	08	55		6.00	0.57								
	15	09	41		6.00	1.01								
	15	10	10		6.000	102								
	15	12	35		6.00	1.10								
	15	13	40		6.00	1.12								
	15	15	26		6.00	1.18								
	15	16	40		6.00	1.20								
	15	19	02		6.00	1.23								
	15	21	32		6.00	1.27								
	15	24	05		6.00	1.31								
	15	25	46		6.00	1.35								
	15	30	00		6.00	1.44								

STEP DRAWDOWN

7/14/89 PW-1 3" Pump

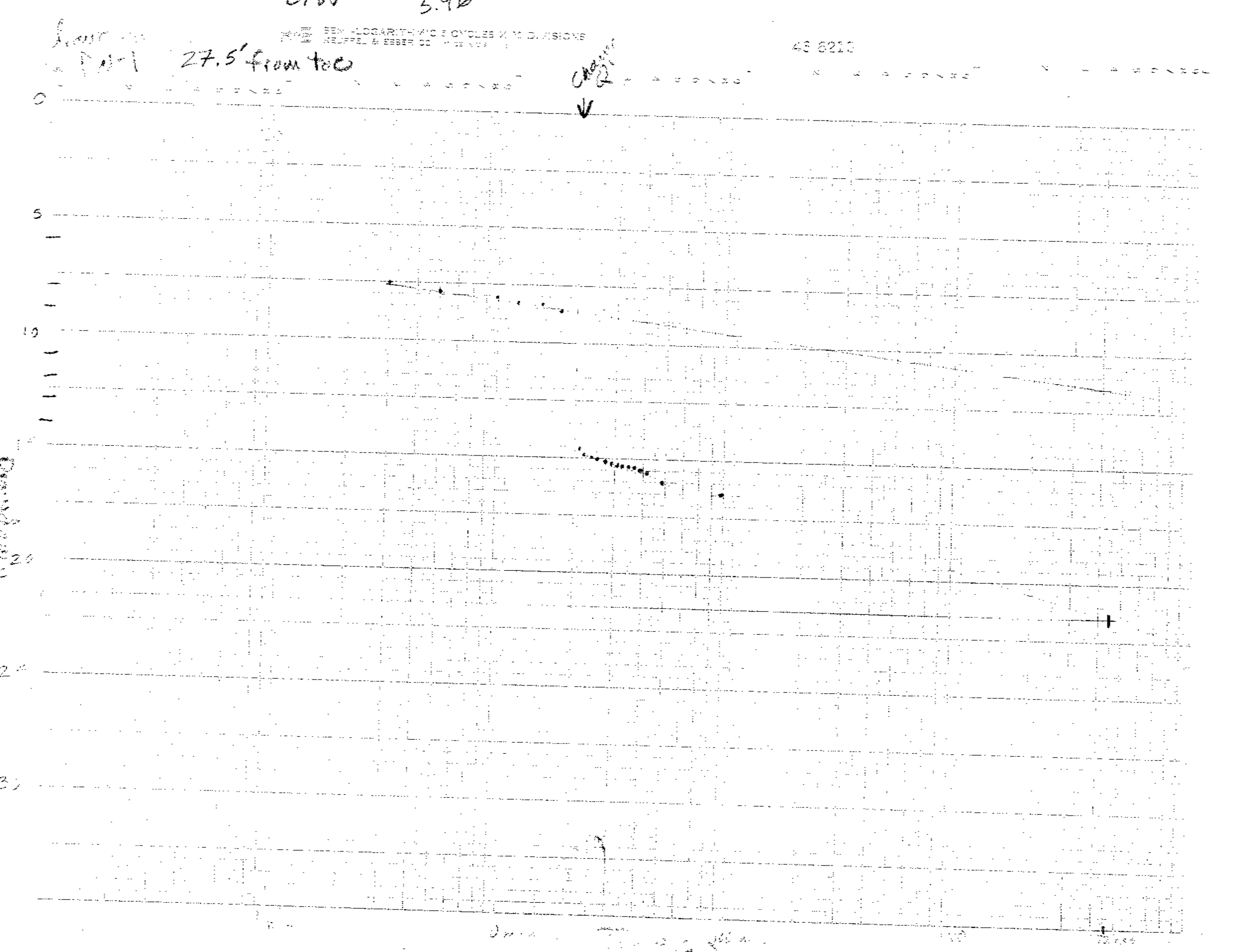
Time	ET min	H	W	DTW	Δs	s	Q
1259	Pretest test	7	1.04	5.96			
1309:00	START TEST						68 gpm
1312	3 min	16	2.39	13.61	7.65	7.65	68 gpm
1314	5 min	18	4.12	13.88		7.92	
1318	9 min	16	1.95	14.05		8.09	68 gpm
1320	11 min	18	3.67	14.33		8.37	68 gpm
1323	14 min	18	3.66	14.34		8.38	65 gpm
1326	17 min	18	3.95	14.55		8.59	66 gpm
1329.00	20 Change Pump Rate						
1330.00	21 min	23	2.5	20.5		14.54	115 gpm
1331:00	22 min	25	4.22	20.78		14.82	
1332:40	23.67 min	25	4.08	20.92		14.96	
1334:00	25 min	25	4.02	20.98		15.02	112 gpm
1335:20	26 min						112 gpm
1336:25	27.42 min	25	3.92	21.08		15.12	
1338:30	29.5 min	25	3.87	21.13		15.17	
1339:40	30.67 min	25	3.76	21.24		15.28	110 gpm
1341:00	32 min	25	3.70	21.3		15.34	
1343:15	34.25 min	25	3.65	21.35		15.39	111 gpm
1345:40	36.67 min	25	3.60	21.40		15.44	
1348:10	39.17 min	25	3.53	21.47		15.51	109 gpm
1350:45	41.75 min	25	3.45	21.55		15.59	109 gpm
1352:25	43.42 min						108 gpm
1356:00	46. min	throttle one valve					111 gpm
1357:10	48. min	26	4.03	21.97		16.01	
1402-1403		straightened layflat					120 gpm (?)

Drawdown PW-1

TIME	ET (Min)	H	W	DTW	ΔS	S	Q
1405:00	5[illegible] min	26	3.82	22.18		16.22	
1406:15	57.25 min	26	3.78	22.22		16.26	111 gpm
1408:15	59.25 min	27	4.75	22.25		16.29	112 gpm
1410:00	61 min						110 gpm
1411:30	62.5 min	27	4.72	22.28		16.32	
✱ 1416:40	67.67 min	27	4.69	22.32		16.36	110 gpm
1420:30	71.5 min	27	4.63	22.37		16.41	110 gpm
1425:50	76.83 min	27	?				
1426:50	77.83 min	27	4.60	22.40		16.44	
1430:00	81 min						110 gpm
1435:30	86.5 min	27	4.55	22.45		16.49	
1438:10	89.16 min	27	4.53	22.47		16.51	110 gpm
1440:10	STOP Pump.						

✱ @ 1416 Water Sample D.T. MMHOS = 4.72

PW-1 water MMHOS = 880.00


27.5' from toe
0
5
10
20

		PW		Flowmeter
	Prefast Calibration	H	W	
1047	2" Pump	7	1.275	5.725 70 - 66 gpm
1051		15	1.95	13.5 62 gpm
	3" Pump			
1201		7	1.24	
1227	Q = 125 gpm	25	4.35	Start @ 1218
1230	Q 119 gpm	~~7~~	~~1.~~	
1230	Stop pump			
1259		7	1.04	

AQUIFER TEST DATA

Owner ________ Address STL APT-~~2~~ County ________ State ________

Date 7/14/89 Company performing test ________ Measured by ________

Well No. S-1 Distance from pumping well ________ Type of test ~~Constant~~ Step Rate Drawdown Test No ~~2~~ 1

Measuring equipment ________

Time Data

Pump on: Date ____ Time ____ (t) 5 9 / 6.00

Pump off: Date ____ Time ____ (t') 2.12

Duration of aquifer test: 3.68

Pumping ____ Recovery ____

Water Level Data

Static water level ________

Measuring point ________

Elevation of measuring point ________

depth 37.7 ft

Comments on factors affecting test data

D.D. — Recovery

INSITU READINGS

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape Wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	Port 1 Datum 0	Port 2 Datum 0	Time
7/14	9 08				6.00	2.12	3.88	Background				SEL=0	SEL=0	
7/14												Rate=log	" "	
	13 04				start pump			Q=68 GPM			number of	Imup=1	" "	
	13 11				7.00	0.88	6.12	2.24	2			Type=Level	" "	
	13 12				7.00	0.45	6.55	2.67	3			Ref=0	" "	
	13 14				8.00	1.33	6.67	2.79	5		49.76	~~[illegible]~~	9.980	Scale factor
	13 15				8.00	1.00	7.00	3.12	6			Of=0	" "	
	13 18				8.00	0.84	7.16	3.28	9			En Toc	En Sur	Display =
	13 19				8.00	0.73	7.27	3.39	10			1KB-420	1KB-419	Serial #
	13 20				8.00	0.70	7.30	3.42	11					
	13 22				8.00	0.62	7.38	3.50	12					
	13 24				8.00	0.62	7.38	3.50	15					
	13 26				9.00	1.50	7.50	3.62	17					
	13 27				9.00	1.48	7.52	3.64	18					
	13 28				9.00	1.43	7.57	3.69	19					
	13 29				change	rate		Q = 112 GPM						
	13 30				10.00	1.15	8.85	4.97						
	13 31				11.00	1.92	9.08							
	13 32				13.00	3.71	9.29							
	13 33				12.00	2.60	9.40							
	13 35				12.00	2.52	9.48							
	13 36				12.00	2.43	9.57							
	13 38				12.00	2.33	9.67							
	13 39				12.00	2.26	9.74							
	13 40				12.00	2.21	9.79							
	13 42				12.00	2.17	9.83	Q = 110 GPM						
	13 44				12.00	2.13	9.87							
	13 45				12.00	2.08	9.92							
	13 50				12.00	1.93	10.07							

AQUIFER TEST DATA

Owner ___ Address STL APT-~~4~~ County ___ State ___

Date 7/14 Company performing test ___ Measured by ___

Well No. S-1 Distance from pumping well ___ Type of test Constant Rate ~~Recovery~~ Drawdown Test No 2

Measuring equipment ___

Time Data

Pump on: Date ___ Time ___ (t)
Pump off: Date ___ Time ___ (t')
Duration of aquifer test:
Pumping ___ Recovery ___

Water Level Data

Static water level ___
Measuring point ___
Elevation of measuring point ___

Comments on factors affecting test data

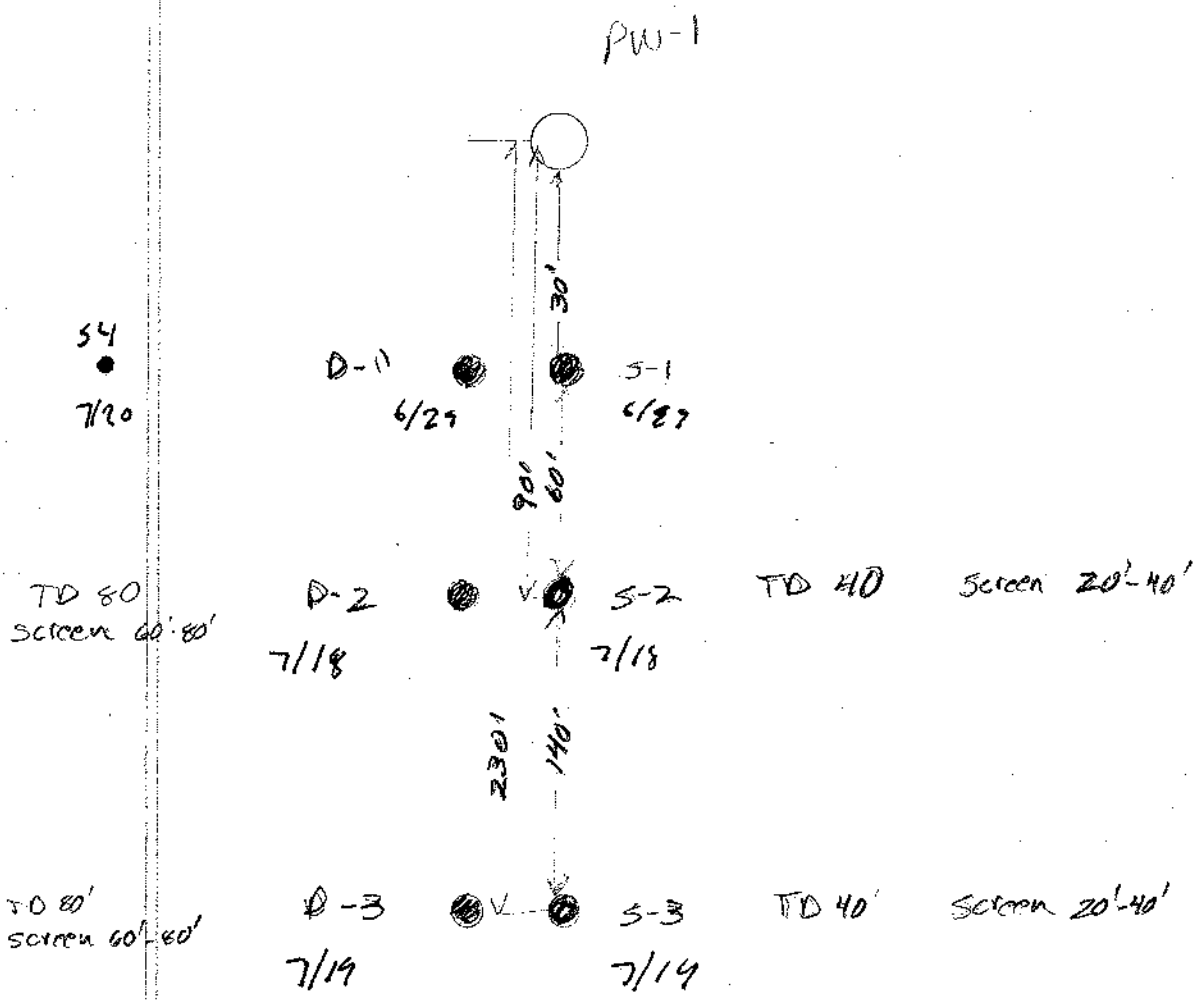
DD - Recovery

INSITU READINGS

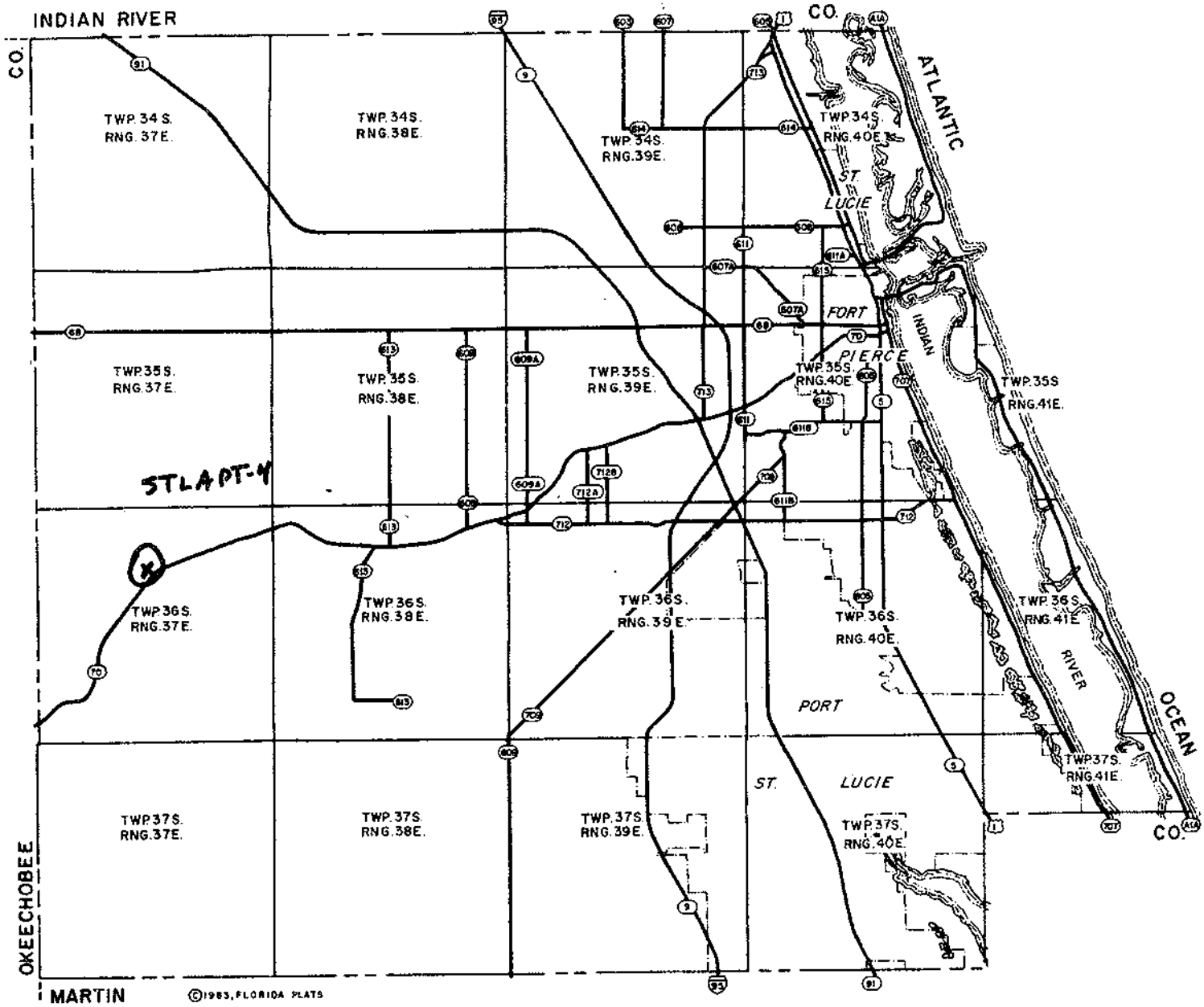
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Tape Held At	Tape wet To	Depth to Water	Correction or Conversion	Water level	Water level change s or s'	Total Water Level Change Δs	Port 1 Datum ___	Port 2 Datum ___	Time
		13	56		12.00	1.83	10.17							
		14	00		12.00	1.68	10.32							
		14	05		12.00	1.57	10.43							
		14	10		12.00	1.51	10.49							
		14	15		12.00	1.43	10.57							
		14	20		13.00	2.40	10.60							
		14	25		12.00	1.37	10.63							
		14	30		12.00	1.34	10.66							
		14	35		12.00	1.29	10.71							
		14	38		12.00	1.25	10.75							

7/17/89

Proposed layout for wells @ STL APT-4



1988
ST. LUCIE CO. FLORIDA



This directory has been published as a county ownership reference guide. The data contained herein has been compiled from the official city, state, and county public records. Constant property sales and transfers make it impossible for us to guarantee 100% accuracy; errors and omissions are inevitable. If you should notice an error in the Index of Owners or on a map, we would appreciate it if you would mail the correction to us on the coupon provided.

NAME _____

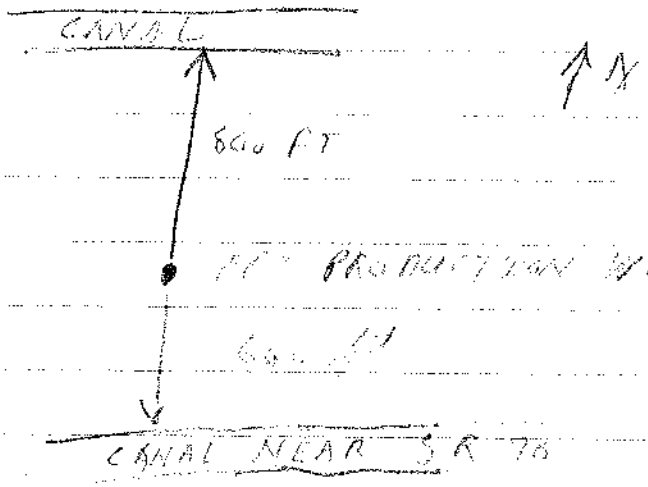
ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTY _____ TWP. & RNG. _____

SECTION _____ AMOUNT OF ACREAGE _____

We convey sincere thanks to your county officials for their participation. Your county plat directory has been made possible with their cooperation and support.


CANAL
N
600 FT
CANAL NEAR SR 78

FORM 0428
6/86

RIGHT OF ENTRY AGREEMENT/WELL CONSTRUCTION

The SOUTH FLORIDA WATER MANAGEMENT DISTRICT and/or The U.S.G.S. and the agents, employees or assigns of each, (Permittees) are hereby granted the right to enter upon property owned by Charles Vavrus (owner), and described herein, for the following purposes:

1. To construct water well(s) for the purpose of gathering lithologic data.
2. To conduct aquifer performance and step drawdown test(s) to determine water availability.
3. To collect geophysical logs on selected well(s). SEE ATTACHMENT "A"
4. To periodically be allowed access to the well(s) for the purpose of monitoring water levels and/or water quality sampling.

Such equipment as may be needed to accomplish the above purposes may be brought upon, over and across the property, which is described as follows:

Township 36 South
Range 37 East

The permittees, and each of them, warrant to the undersigned that upon completion of the above purposes, the property will be left in, or restored to, the same condition as it was when the permittees or their contractor(s) first entered upon the land to begin their work.

The permittees, and each of them, separately and severally, to the extent permitted by law, shall save and hold harmless the undersigned owner from claims for damages or injury caused by the permittees, their agents, servants, employees, or contractors, during the time this permit for access and use is in effect.

[signature] Date: 4/6/89
OWNER Manager

Executed by owner in presence of:
David Butler

COUNTERSIGNED BY PERMITTEE(s)
[signature] Date: 4/7/89
for SFWMD

Date:
for

Don,

Here is the information you requested

1. Larry Kesner, V-BAR 2 Ranch phone # 813-763-5658. Please give him A copy OF Right of Entry Agreement, attached

2. Direction to Ranch:
Take I-95 or Turnpike to SR 70 exit. Go west on SR 70. Site located 15 miles from Turnpike. Entrance gate near tower.

3. Attached, please find maps to monitor well and APT sites. Remember, Site 1 is the potential APT. It needs to be restaked (1000 ft from canal). Site 3 needs to be relocated on the ranch site. We chose to omit site 2 And use site 4 instead.

IF I don't go with USGS, I'll go with you to these sites.

D. Butler

1\. [illegible]

[illegible]

[illegible] [illegible] ... came [illegible]

5\. [illegible]

6\. [illegible]

[illegible]

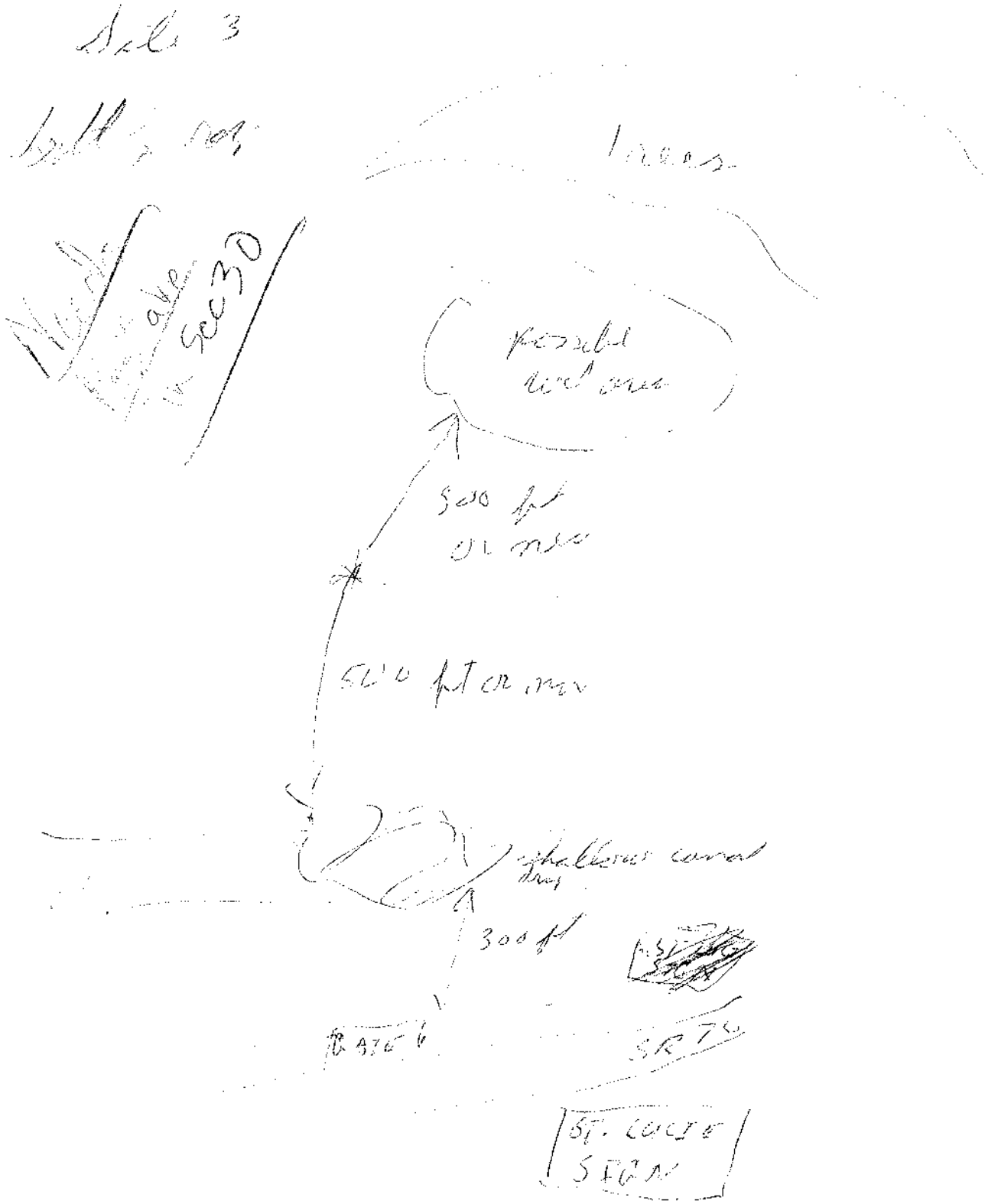
N [illegible]

[illegible] * Need to [illegible]

Note 2.

Rig should be able to get through gate, ~~[illegible]~~ culvert, the way also.
We can ~~[illegible]~~ discharge into big canal more fine or shallow canal to east.
We shouldn't have to worry about flooding or more.

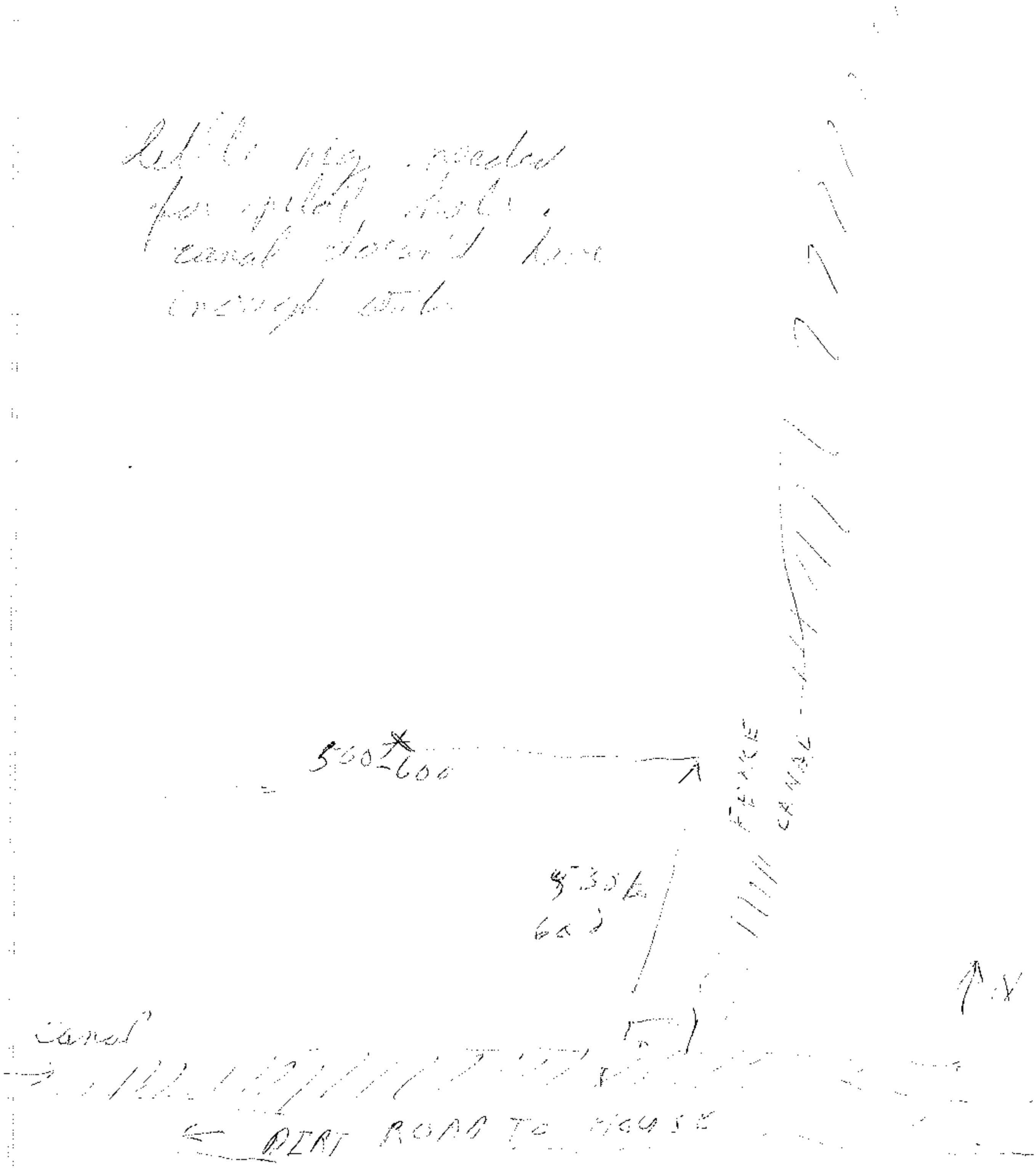
There are some culverts on road that may not be able to stand weight of rig.


500 ft
300 ft

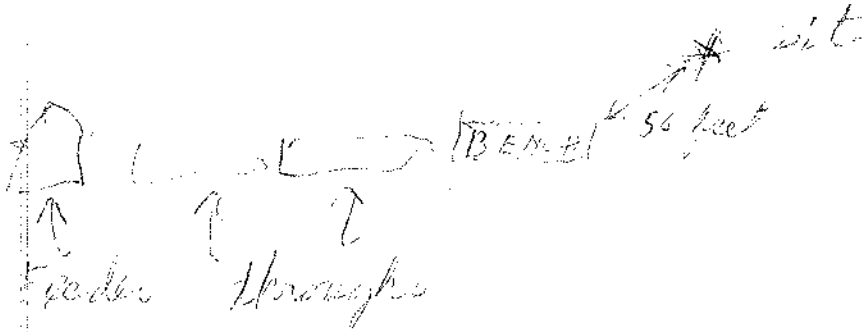
Site 7
Gate locked.
Did not put stake in ground.
However, there is a good area
north of canal.
Canal dry no problem may have to
dig pits to get water for
mud pit
We should be able to discharge
into canal.
Houses to west. ~~[illegible]~~
Need to be careful we don't
flood them
Gate 14 feet wide

Site 4

little rig needed
for pilot hole
canal doesn't have
enough water



Site 4



Site 9

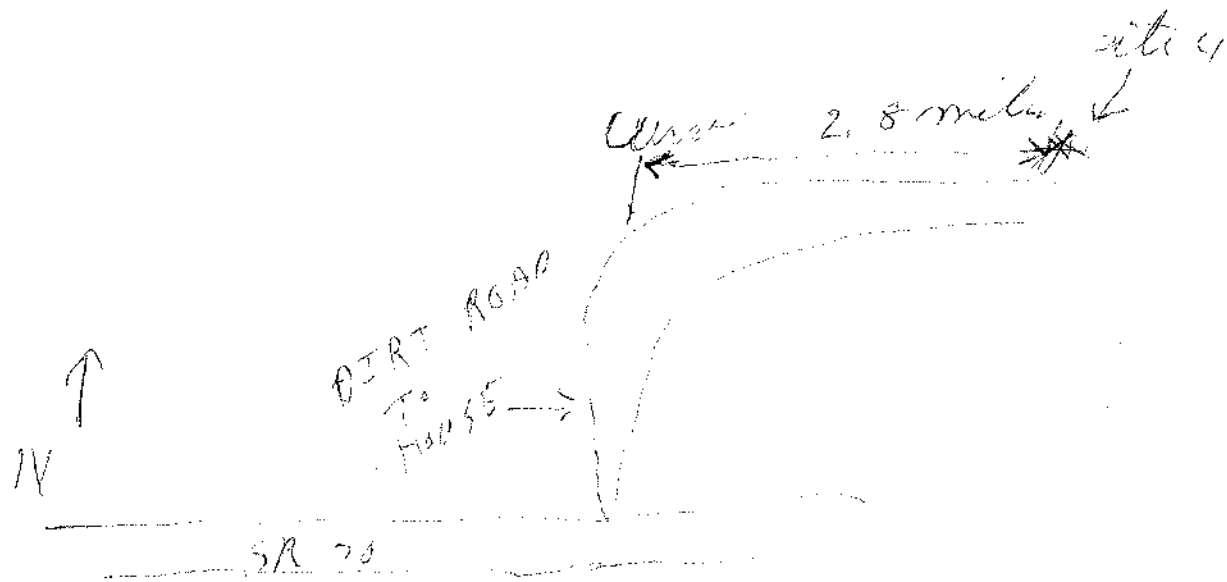
There are 2 canals ≈ 500 feet away. The N-S canal dry.
Possible depression which could hold
There are depressions which ~~could~~ could hold water.

Drill ~~[illegible]~~ rig should be able to get through gate.
Ranch house 1/2 to ~~[illegible]~~ 1 mile down road.
We can discharge water to canals.
No culverts adjacent to site.
There are some culverts near side of road.
Noise shouldn't be heard by people in house

This area could be a problem for APT if it is wet because ~~[illegible]~~ low areas may retain water. This retained water may ~~infiltrate~~ recharge aquifer by induced infiltration.

This is a good site for monitor well use.
Gate to enter site has ~~[illegible]~~ ~~[illegible]~~ X X X X on it
Site ≈ 2.8 mile from curve in road

Site 4



FORM RP-59
July 1979

WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P1

PROJECT VBAR 2 WELL NO. 04 DATE Thursday 2-1-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	7:20 AM met Hydrowell representatives
	at Hotel.
	9:00AM Arrived at VBAR 2. Begin to
	set up
	10:00AM Begin split spoon
	Spoon 1 0-2 FT
	0-1.8. Grey sugar sand. Some silt
	content. Some organics near top
	1.8-2.0 Black mixture of sand with
	high organic concentration. Sample damp
	Spoon 2 2-4 FT
	2.0-2.5 FT grey sugar sand; some silt
	2.5-3.8 FT Black to dark brown mixture
	of sand, some fines. High organic concentration
	grain size smaller than above on the average.
	3.8-4.0 tan colored sand with high mud/silt
	content
	The 2-4 FT interval also damp.
	The interval from 2.5 to 4.0 seemed
	compact. Very little intergranular space.
	I believe this was natural, not from
	hammering. Entire interval unconsolidated
	Spoon 3 4-6 FT
	FT dark grey to medium grey
	sand with some fines and some
	s. Doesn't look like base or

FORM RP-59
July 1979

WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P 2

PROJECT VBAR 2 WELL NO. D4 DATE Thursday 2-1-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	5-6 FT Sand with high mud concentration Green-grey in color. The sample was wet below 5 FT. Believe WT encountered at 5 FT; However since this well is close to the production well, which was used as water source, WL may be lower than usual.
	Spoon 4 6-8 FT Green grey mixture of sand and clay as above. The sand-clay mixture looks impermeable.
	Spoon 5 8-10 FT - Green grey mixture of sand and clay It look like som ~~contamint~~ contamination from above (grey sand is falling in on hole
	10:50 Contractor ~~b~~ begins mixing mud. ~~R~~Ream hole to 10 FT with 6 in bit. 3 Bags of quick gel used.
	11:35 TRIP OUT WITH 6 inch bit.
	Spoon 6 10-12 FT Very coarse to fine grey sand. Very little silt/clay. Compaction reduced intergranular porosity.

FORM RP-59
July 1979

WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT Thursday P3

PROJECT V BAR 2 WELL NO. D4 DATE 2-1-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	Spoon 7 12-14 FT
	12-13.8 As above. Grey sand
	Very coarse to fine, very little silt.
	13.8-14.0 Sand darker grey in color
	Smaller grain size on average, more silt.
	There was a layer of blue-grey clay
	mixed with the sand ~~near~~ between 12.0
	to 12.2 FT
	Spoon 8 14 TO 16 FT
	Mixture of light grey to medium
	dark grey quartz sand, coarse to fine
	in size. Some stringers of Aqua
	green clay mixed in. I believe
	the inter granular space was less than
	Above.
	12:50 TRIP IN Hole with 4 inch
	drag bit
	12:57 TRIP OUT WITH 4 inch drag bit.
	Estimated ~~25~~ 50 gallons lost to formation.
	Spoon 9 16-18 FT
	Medium coarse to fine quartz sand
	Color ranges from medium to dark grey.
	Some silt/clay present. Some compaction
	probably due to hammering.
	Spoon 10 18-20 FT
	18-19 Very coarse to fine sand with
	some silt/clay medium grey in color
	19-20 Coarse to fine sand with some fines
	Dark grey in color.

FORM RP-59
July 1979

WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P4

PROJECT V BAR 2 WELL NO. D4 DATE Thursday 2-1-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	The 18-20 FT interval has very little intergranular porosity. Probably reduced by compaction
	Run 11 20-22 FT
	20-21 Dark grey sand as above
	21-22 Mixture of sand (coarse to fine), silt/mud, and white fine shell
	The 21-22 FT layer look medium compact naturally (not from hammer
	Run 12 22-24
	As above Mixture of quartz sand (coarse to fine) silt/mud, and white fine shell.
	-For the 21-24 FT interval quartz sand makes up the majority of the deposit.
	Run 13 24-26 FT
	24-24.5 Grey quartz sand. Very coarse to fine in size with a few shells Some phosphate. Possible contamination from above.
	24.5-26. Sand-shell-mud mixture like 21-24 Sand is more coarse, also more lime mud. Phosphatic
	1:40 TO 1:48 Ream and wash with ~~6 inch~~ 4 inch drag bit

FORM RP-59
July 1979

WELL DRILLER'S LOG

P5

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT V BAR 2 WELL NO. D4 DATE Thursday 2-1-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	Run 14 26-28 FT
	Mixture of medium coarse to fine quartz sand, shell, and mud.
	Shells larger and more abundant than overlying layer. A shell layer at top.
	This layer not as compact.
	Run 15 28-30 FT
	28.0 TO 29.8 FT Shell bed. Very little sand or fines. Unconsolidated
	good water producer. (space between shells)
	29.8 TO 30.0 Mixture of sand, fines
	and shell.
	The 28.0 TO 29.8 interval gets
	more sandy with depth. Abrupt change
	at 29.8 FT
	Run 16 30-32 FT
	Mixture of quartz sand (medium
	coarse to fine) shells and ~~mud~~
	limy mud. Compacted due to hammering.
	2:20 PM TO 3:20 WASH and ream with
	4 inch drag bit, desand also.
	Mixing mud. Circulating
	5 BAGS OF QUICK gel used so far
	Estimated 300 gallons lost to formation

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT THURSDAY

PROJECT V BAR 2 WELL NO. 04 DATE 2-1-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	Run 17 32-34 FT
	Mixture of shells, quartz sand, very little mud. Shells predominant. Easy to drive hammer through. Compaction due to hammering. Believe good producing interval. Sand content decrease with depth. Some large shell fragments
	Run 18 34-36 FT
	Very similar to Above, except more compact and more sand and ~~d~~ mud. Sand and mud increase with depth. Believe good producing interval. Easy hammering very few blows like Above. There was an inch of sand-shell mixture near base
	Run 19 36-38
	36-37 Shell bed. Possible contamination doesn't look like base of last spoon - very little sand + mud
	37-38 Compacted mixture of sand shell + mud; mostly sand + mud. Does not look permeable. Looks like base of 34-36 FT interval. Some phosphate
	Run 20 38-40 FT
	Mixture of medium coarse to fine grained quartz sand, large and fine shell fragments, and mud. Increase in mud concentration. Does not look permeable. Some phosphate. There was some shell at the top, believed to be contamination (no sample taken).

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT Thursday

PROJECT V BAR2 WELL NO. D 4 DATE 2-1-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	Run 21 40-42 FT
	Mixture of large and small shell
	Fragments, ~~medium to fine~~ coarse to
	Fine quartz sand and mud. More
	large shells and coarses sand than Above.
	Relieved medicore producer of water
	Phosphatic
	Run 22 42-44 FT
	Mixture of large and small shell
	Fragments, medium coarse to fine
	quartz sand and mud.
	From 36-44 FT Contractor reports
	hitting a series of hard spots + voids.
	Run 23 44 to 46 FT
	44-45 Similar to Above
	45-46 Grades into a green clay then
	into grey clay. The grey clay
	has more fine grained sand than
	green clay.
	Run 24 46-48 FT
	Grey clay with some fine sand
	Phosphatic. Shells at top (contamination
	no sample of shells taken).
	Clay is soft
	Run 25 48-50
	48-49.5 Shell fragments with
	grey clay. Possible contamination

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT VBAR 2 WELL NO. D 4 DATE 2-2-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	49.5 - 50.0 Grey clay. Phosphatic Some shell fragments embedded in clay Soft. Easy to hammer
	Due to softness of clay, contractor Accidently over drove by two feet The next run ~~[illegible]~~ tagged at 52 Thus 52-54 sampled. The overshot is An accumulation; didn't just happen at once. 52-54 FT Interval DARK green grey clay. Some layer of fine sand or shell embedded in clay Clay is semi consolidated.
	54-56 Interval Grey clay which grades into A hard ~~de~~ ~~to~~ lay of clay fine sand with some shell. 2 Bags taken. Clay semi consolidated. The clay-sand shell semi consolidated ~~in~~ in spots Contractor believes he hit rock
	4:50 TRIP OUT WITH SPOON. TRIP IN WITH 6 in drill bit to 54 ft #5:42 TRIP OUT of hole Install 4-inch iron casing. 2- 21 ft pieces; 1-10 FT piece And 1 3 FT piece that was cut off the well at TRADEWINDS PARK 3.5 Feet sticking up. Last 2 Ft driven with hammer. IT took A lot of blows to lower casing.

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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT V BAR 2 WELL NO. D4 DATE Thursday 2-1-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	OFF SITE 6:30
	FRIDAY 2-2-90
	ON SITE 9:00 I needed to wait for the Contractor to clarify his task for next weeks with Marty
	9:00 - 10:15 Went to Stazzula Brothers to get setting for blow torch. Cut iron piece so it only sticks up 2 FT
	10:58 TRIP IN Hole with [redacted] 4 inch drag bit. Circulated; mixed mud Used 2 bags of AQUA gel and 1 quart of polymer. Totals 5 bags of quick gel, 2 bags of Aquagel, 1 quart of polymer.
	11:29 TRIP OUT WITH 4 inch drag bit Trip in with core barrel. TAG at 56 FT.
	11:35: START CORE RUN 1 CUT 10 FT 56-66 FT
	12:05 STOP RUN No recovery
	The zone believed to be clay with fine sand I believe the mud mixture from tub thinned the clay so that it washed out of core barrel.
	After discussion with contractor we agreed to try a small run. If bad recovery we will spoon. The core barrel cut through the alleged clay zone easily.

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT FRIDAY ~~Thursday~~

PROJECT VBAR2 WELL NO. D4 DATE 2-2-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	12:22 START RUN2 CUT 8FT 66 TO 74
	12:34 SPOP RUN Recovered 4 FT 50% BOX 1
	Contractor decided to cut 8 FT since there
	were preliminary indications the core was in barrel;
	one of these was lack of free spin when
	rotor stopped.
	Quick coring. 12 minutes for 8 FT.
	The top 3 Ft consists of green grey clay
	with shells intermixed in the clay.
	The fine sand content increases with depth.
	Most shell fragments are large. The bottom
	Foot consists of a mixture of sand, clay, and
	shell fragments of various sizes. More sand
	content than upper 3 Ft. Sand is also coarser.
	The upper 3 Ft is semi consolidated; the
	lower Foot ranges from loosely consolidated
	to unconsolidated. The entire interval looks
	impermeable.
	1:10 START RUN 3 CUT 2 FT 74 TO 76
	1:14 STOP RUN 3 No Recovery
	1:20 TRIP IN HOLE WITH 4 inch drag bit
	to clean hole
	1:32 TRIP OUT WITH 4 inch bit and
	TRIP IN WITH CORE BARREL.
	1:43 START RUN 4 CUT 10FT 76 TO 86
	2:05 STOP RUN 4 Retrieve 8FT 80%
	Mixture of clay, quartz sand and shell.
	Shells range from whole shells to fine fragmen
	Sand ranges from coarse to fine. Unconsolidated
	to semi consolidated. Impermeable.

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT V BAR 2 WELL NO. D4 DATE MONDAY 2-5-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	12:30 ON SITE
	12:32 Contractor on site. Set up.
	Clean & Condition hole. 2 QT of polymer added
	2:10 Core barrel inserted into hole
	~~Accient~~ Accidentally washed An extra 2 Feet
	Tagged 88 FT.
	2:17 START CORE RUN 5 CUT 3FT 88-91FT
	2:35 STOP RUN 5 Retrieved 3FT 100% BOX 2
	The top 2.5 FT consists of A mixture of
	sand, shell fragments, lime mud & mud.
	It ~~en~~ becomes more consolidated with
	depth. There are some spots of ~~w~~ where
	the mixture has consolidated into soft L.S.
	The bottom 0.5 FT is A dense L.S.
	Very little intergranular space but there
	Are pores from dissolution which are inter connected
	-This interval ~~cut~~ cored FAIRly easily;
	pressure was ~~ste~~ steady 50 psi. However,
	The core barrel moved more slowly ~~near~~ the
	end And eventually stopped; indicating
	A possible ~~formation~~ lithologic change. The
	unconsolidated interval appears impermeable of low permeable.
	When attempting to start RUN 6
	bottom was tagged At 58 FT.
	TRIPPED OUT OF Hole (2:55 PM)
	PULLED 4 INCH IRON CASING (3:10 PM)
	TRIP IN WITH 6 inch bit (3:16 PM
	Mixed mud. (2 bag of quick gel used
	Totals 7 bags of quick gel, 2 bags
	OF AQUA gel 3 quarts of polymer

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WELL DRILLER'S LOG

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

MONDAY

PROJECT V BAR 2 WELL NO. D4 DATE 2-5-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	12:30 ON SITE
	12:32 Contractor on site. Set up.
	Clean & Condition hole. 2 QT of polymer added
	2:10 Core barrel inserted into hole
	~~Accent~~ Accidentally washed an extra 2 Feet
	Tagged 88 FT.
	2:17 START CORE RUN 5 CUT 3FT 88-91FT
	2:35 STOP RUN 5 Retrieved 3FT 100% BOX 2
	The top 2.5 FT consists of a mixture of
	sand, shell fragments, lime mud & mud.
	It ~~co~~ becomes more consolidated with
	depth. There are some spots of ~~s~~ where
	the mixture has consolidated into soft L.S.
	The bottom 0.5 FT is a dense L.S.
	Very little intergranular space but there
	are pores from dissolution which are intel connected.
	This interval ~~cut~~ cored fairly easily;
	pressure was ~~ste~~ steady 50 psi. However,
	The core barrel moved more slowly near the
	end and eventually stopped; indicating
	A possible ~~formation~~ lithologic change. The
	unconsolidated interval appears impermeable or low permeable.
	When attempting to start RUN 6
	bottom was tagged at 58 FT.
	TRIPPED OUT OF Hole (2:58 PM)
	PULLED 4 INCH IRON CASING (3:10 PM)
	TRIP IN WITH 6 inch bit (3:16 PM
	Mixed mud. (2 bag of quick gel used
	Totals 7~~6~~ bags of quick gel, 2 bags
	of Aqua gel 3 quarts of polymer

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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT V BAR 2 WELL NO. D4 DATE MONDAY 2-5-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	4:50 TRIP OUT OF HOLE WITH 6 in bit
	After drilling to 91 FT
	4:55 Install 4 inch iron casing. Four
	20 FT Pieces And one 10 Foot piece
	used; 94 ft. (92 FT in hole 2 ft sticking
	up). Circulated casing before seating
	so it should be removable.
	The last 34 Ft ~~driven with~~ casing
	driven with hammer. The interval
	from 74 to 84 seemed to drive the
	easiest.
	5:45 OFF SITE
	TUESDAY 2-6-90
	8:20 ON SITE
	- Tagged bottom at 65 FT (Thick mud
	in casing). Wash casing with 4 in
	drag bit. Repair rope on cat head.
	Mixed mud (1 bag of aquagel used. &
	[redacted] and 2 quarts of polymer). Totals
	7 BAGS of quick gel, 3 bags of AQUAGEL
	5 quarts of polymer
	10:30 Trip out with 4 inch drag bit
	10:40 Trip in with core barrel
	*

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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

11:46
12:46

PROJECT VBAR2 WELL NO. D4 DATE TUESDAY 2-6-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	10:58 START RUN 6 CUT 5 FT 91-96 FT
	11:30 STOP RUN 6 Retrieve 3.5 FT 70% BOX 3
	The top 1.5 FT consists of sandy, shelly, fractured L.S. rubble. Some pores from dissolution seen on the rubble pieces
	The next 1.5 FT is solid L.S. core
	The L.S. is sandy and shelly. This interval is more porous. Some pores interconnected, others have mud or soft L.S. in them
	The bottom 0.5 FT is also sandy shelly L.S. but has more soft L.S some pores noted.
	I believe the 91-96 FT interval is permeable
	The interval from 92-94 was slowest to core. I believe this is the hard rock in middle of core run and that most of the material below this fell out of barrel. The 94-96 FT interval cored much faster. The 91-96 interval is phosphatic possibly glauconitic (green color). The pressure was constant (30 psi for run).
	11:46 START RUN 7 CUT 5 FT 96-101
	11:45 STOP RUN 7 Retrieved 3 FT 60% BOX 3
	The top FT consists of sandy shelly phosphatic L.S. The L.S is harder at the top but becomes softer with depth. More lime mud with depth. The top FT is porous but a lot of the pores further down are less interconnected. The bottom 2 FT are a mixture of hard L.S soft L.S., and an unconsolidated mixture of sand, shell fragments phosphate pieces, and lime mud.

1240

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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

1:28
2:30

PROJECT V BKR 2 WELL NO. 04 DATE TUESDAY 2-6-90

DEPTH	— DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	The bottom two feet become less consolidated with depth
	12:06 START RUN 8. CUT 5 FT 101-106
	12:21 STOP RUN RETRIEVE 5 FT 100% BOXES 3 & 4
	Mixture of quartz sand, shell fragments mud (possibly limy) and phosphate pieces Impermeable. Ranges from unconsolidated to semiconsolidated. Very little intergranular space.
	1240 START RUN 9 CUT 10 FT 106 TO 116 FT
	1259 STOP RUN Retrieve 3.5 FT 35% Box 4
	Circulated for 10 minutes before tripping out
	The top 8 inches consist of a shell bed and L.S. The L.S ranges from soft to hard and is very shelly, sandy & phosphatic. There are some pores from dissolution but most of them are clogged with mud or soft L.S. Low permeable to impermeable. L.S. gets softer with depth. The bottom 2 Ft consists of a mixture of quartz sand, phosphate pieces, shell fragments (large to fine), limy mud, and soft L.S. This mixture loosely to semi consolidated and impermeable.
	Run 10 cut 10 Ft 116 TO 126 No returns. Clay washed out of barrel. TD AT 126 FT. Time for run 10 1:28 PM TO 2:30 PM.

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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT TUESDAY

PROJECT V BAR 2 WELL NO. D4 DATE 2-6-90

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	PULLED 94 FT OF 4-INCH IRON CASING
	~~TAG~~ TAGGED BOTTOM AT 40 FT
	CEMENTED USED 5 BAGS.

Dewatering 1

Joe Lurix DER

FORM RP-59
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WELL DRILLER'S LOG

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT _____ WELL NO. _____ DATE _____

DEPTH	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	Ask Jeff Herr DER ⇒
	at Okeechobee dump
	St Lucie Co Line
DER #	Co Class Status
51 47C 30002	OK 01-320 A Okeechobee Co Yard+Trash
✓ 51 47C 30001	OK 02-100 A Okeechobee San L.F. PH 1

WELL DRILLER'S

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Grab samples collected w/ wire basket

PROJECT STL WELL NO. STLAPT4 PWI DATE 6/27/89

Drilling mud rotary, 5 5/8" tricone roller bit, Bentonite & Polymer mud, very dirty mixing water

TIME	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
0906	0-2' fine quartz sand and brown organics
	@2' dark brown, semi-consolidated sand
	@3' light brown to grey clayey sand
0912	@7' light grey sandy clay and sand
0915	@13' sand, fine to very coarse, some sandy clay, drillstring washing down
	13'-17' no sample
	@17'-18' shell hash and fine sand
0921	KD @ 22' as above. Add 20' DP#1 w/ stabilizers DS = 47'
0929	@24' as above, formation taking a little fluid
	@26' shell is coarser than above
	@30' shell, greyish and sand
	@35' coarse ~~sand~~ shell with sand, formation still taking a little fluid
0937	@37' as above with trace of limestone
	@38' Very Coarse shell with sand and limestone
	@38.5' beginnig to get sandy clay in with shell and limestone, drilling slower
0941	KD @ 42', whole to coarse shell, limestone, and sandy clay. Adding water to mud pit. Add 20' DP#2, DS=67'
0950	@42' sandy clay with limestone and trace of shell
	@45' lime mud, clayey, grey-green
0955	@55' soft mud/clayey with trace of shell
	@56' increase in shell in mud/clay, drilling faster
	@58' poor sample returns, shell, clayey mud w/ possible fine sand, desander turned on
1000	KD @ 62' as above, Add 20' DP#3, DS=87'
	@63' poor sample returns, washing down, clay, mud and shell, probably a lot of silt dispersing into drill mud
	@68' shell hash w/ mud

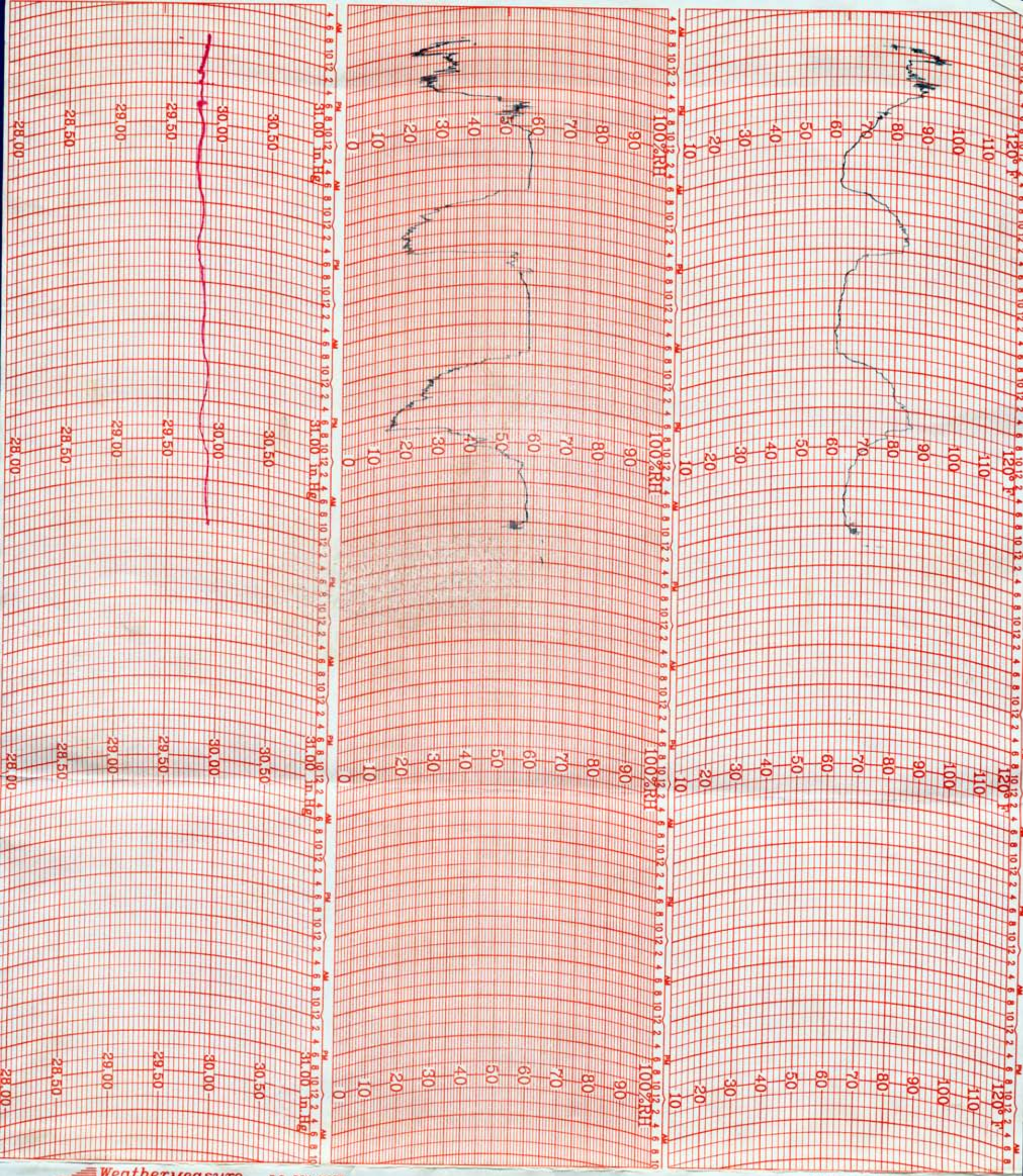
WELL DRILLER'S

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Grab samples collected with wire basket

PROJECT STL WELL NO. STLAPT4 PW1 DATE 6/27/89

TIME	DESCRIPTION – ROCK TYPE, COLOR, HARDNESS, OTHER
	@ 71' shell with light green clay.
	@ 76' increase in shell, 70% shell, 30% clay/mud
	@ 80' clay, light grey, sand, granular with trace of limestone and shell
1017	KD @ 82' very sandy clay with shell, Add 20' DP #4, DS = 107'
	@ 84' clay with granular shell and very sandy limestone
	@ 86' semi-to-well-consolidated sandy limestone and clay with trace of shell.
1030	@ 90' as above but better consolidation
	@ 92' light tan granular limestone with fine shell
	@ 95' as above, limestone has numerous shell molds & casts
1039	@ 99' increase in lime mud in limestone, drilling rapidly
1040	KD @ 102' soft limestone, granular, with ~~lime~~ mud and trace of shell; Add 20' DP #5, DS = 127'
	@ 103' shell with trace of limestone and mud
	@ 10[illegible] shell hash with small amount of limestone and mud
	@ 110 as above, turritella sp. zone
	@ 113 large shell fragments with lime mud and clay, formation took small amount fluid from 103' to 113'.
	@ 115 limestone and clay, very small platey cuttings
	@ 116' ~~large~~ limestone with shell & clay
	@ 117' green clay and shell, very phosphatic
	@ 120 green sandy phosphatic clay with trace of shell, very large phosphate particles
1105	KD @ 122' green silty clay, sandy and shelly, Very phosphatic
	TD = 122'



Weather Measure
WEATHERtronics
Division of QUALIMETRICS, Inc.

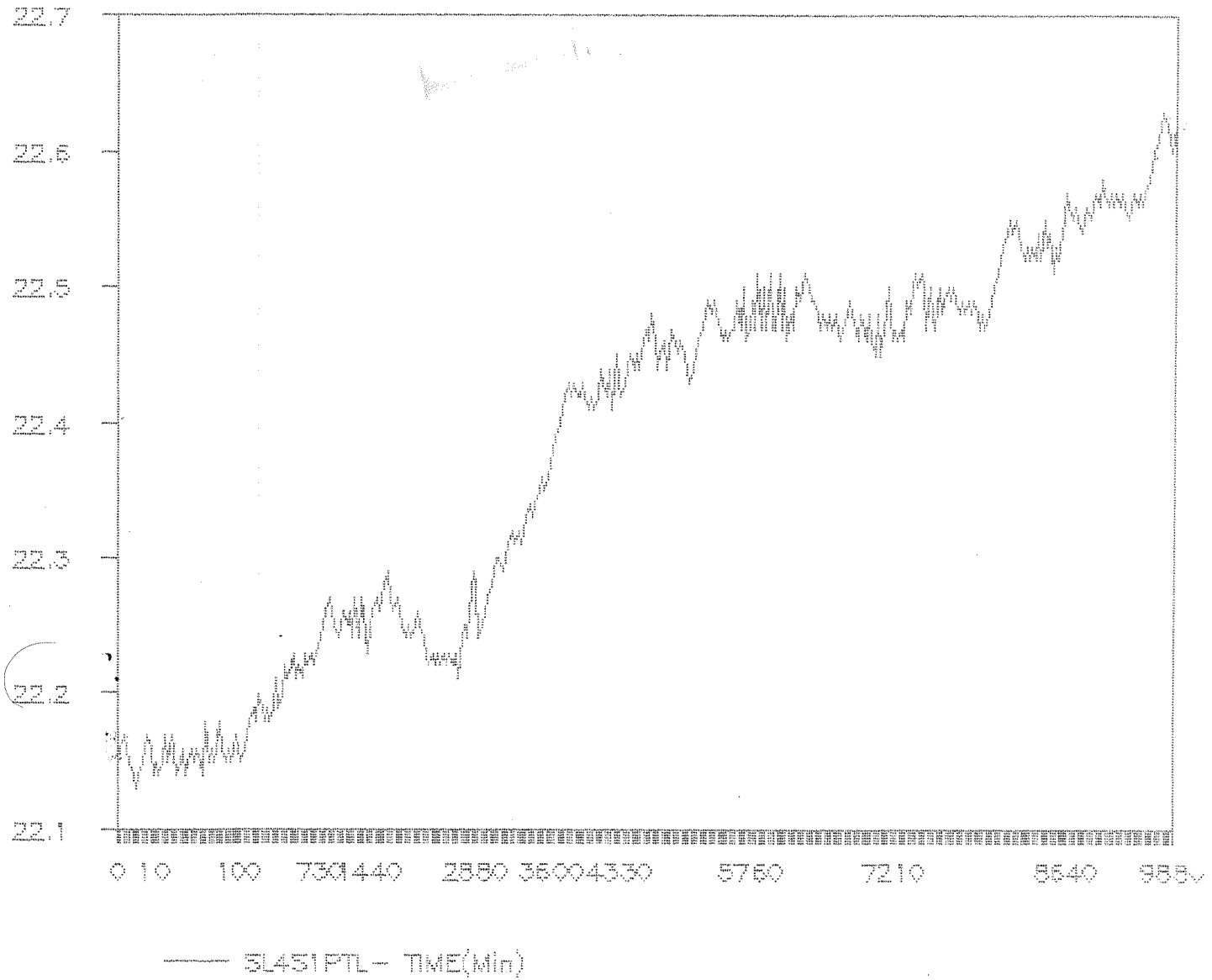
P.O. BOX 41039
SACRAMENTO, CA 95841
PHONE: (916) 923-0055

METEOROGRAPH
7 DAY

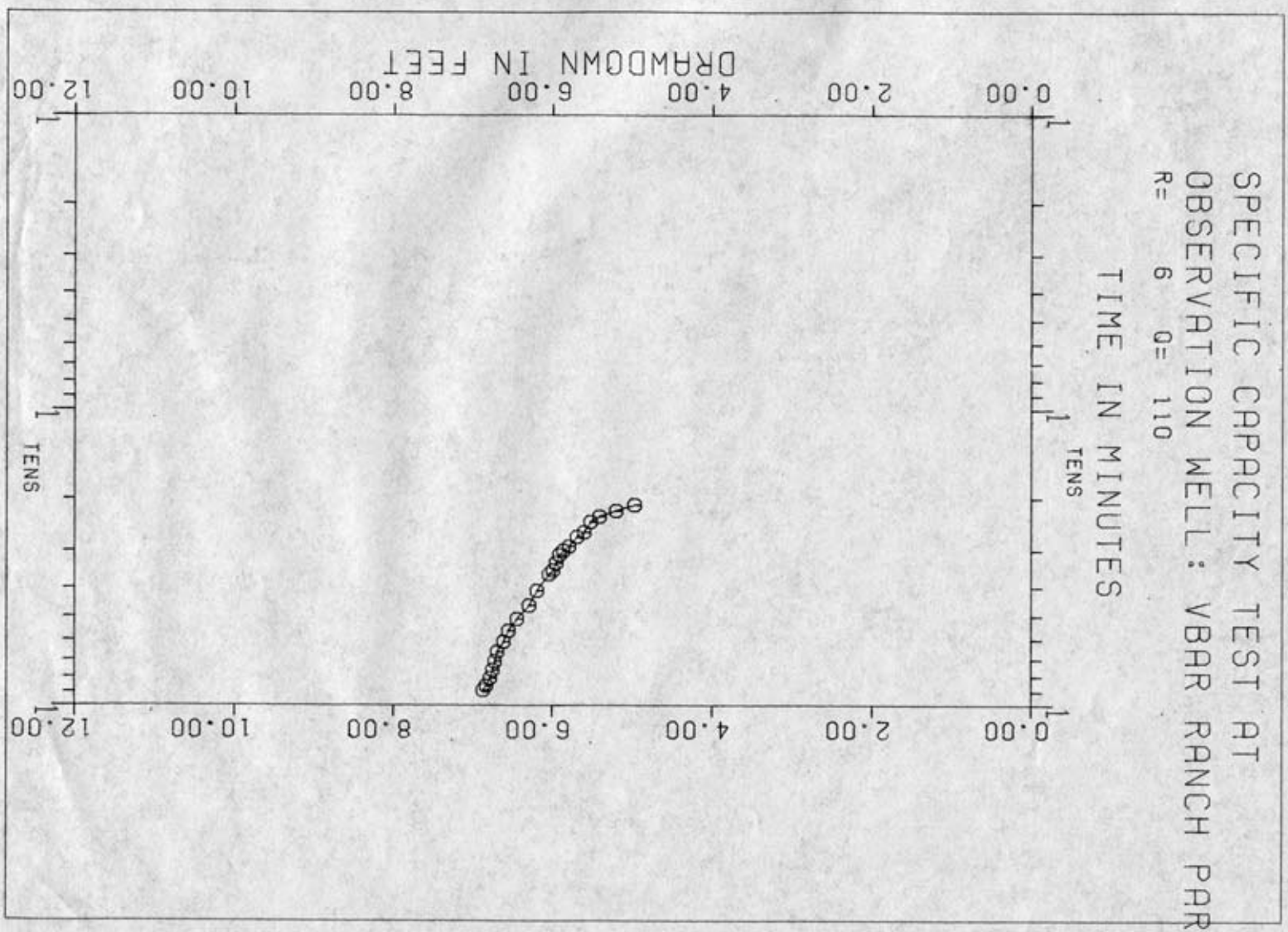
CHART NO. 50104
ECN 2563
10/6/86

STATION SLAPT 4

DATE ON 8/14/89


22.7
22.6
22.5
22.4
22.3
22.2
22.1
0 10 100 720 1440 2880 3600 4320 5760 7210 8640 9360
SL451PTL- TIME(Min)

WMD TAPENO 6290 PLOT NO 0007
USER NO BUTLER DATE 89/07/17 TIME 14:07



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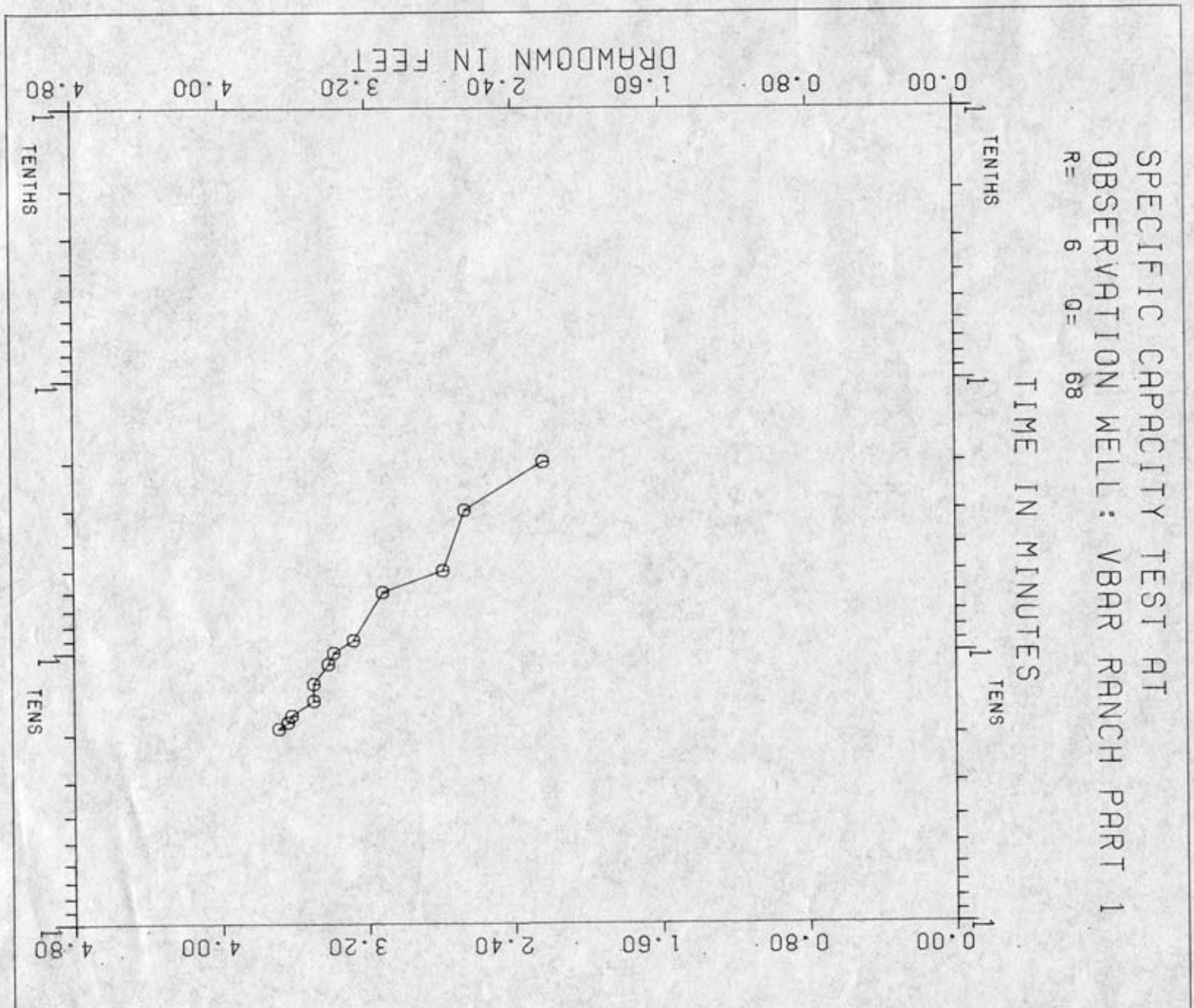
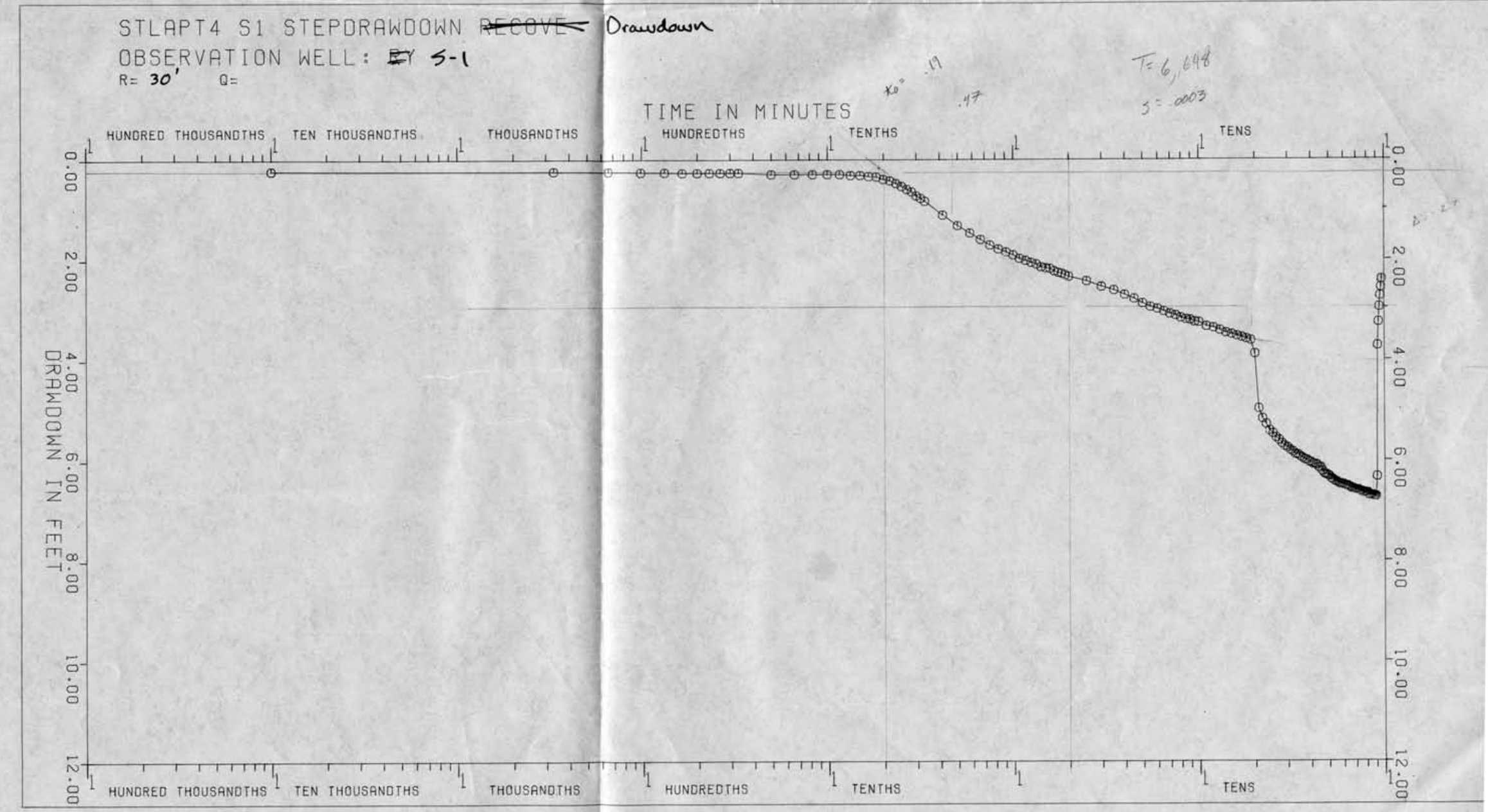
USER NO BUTLER DATE 89/07/17 TIME 13:51



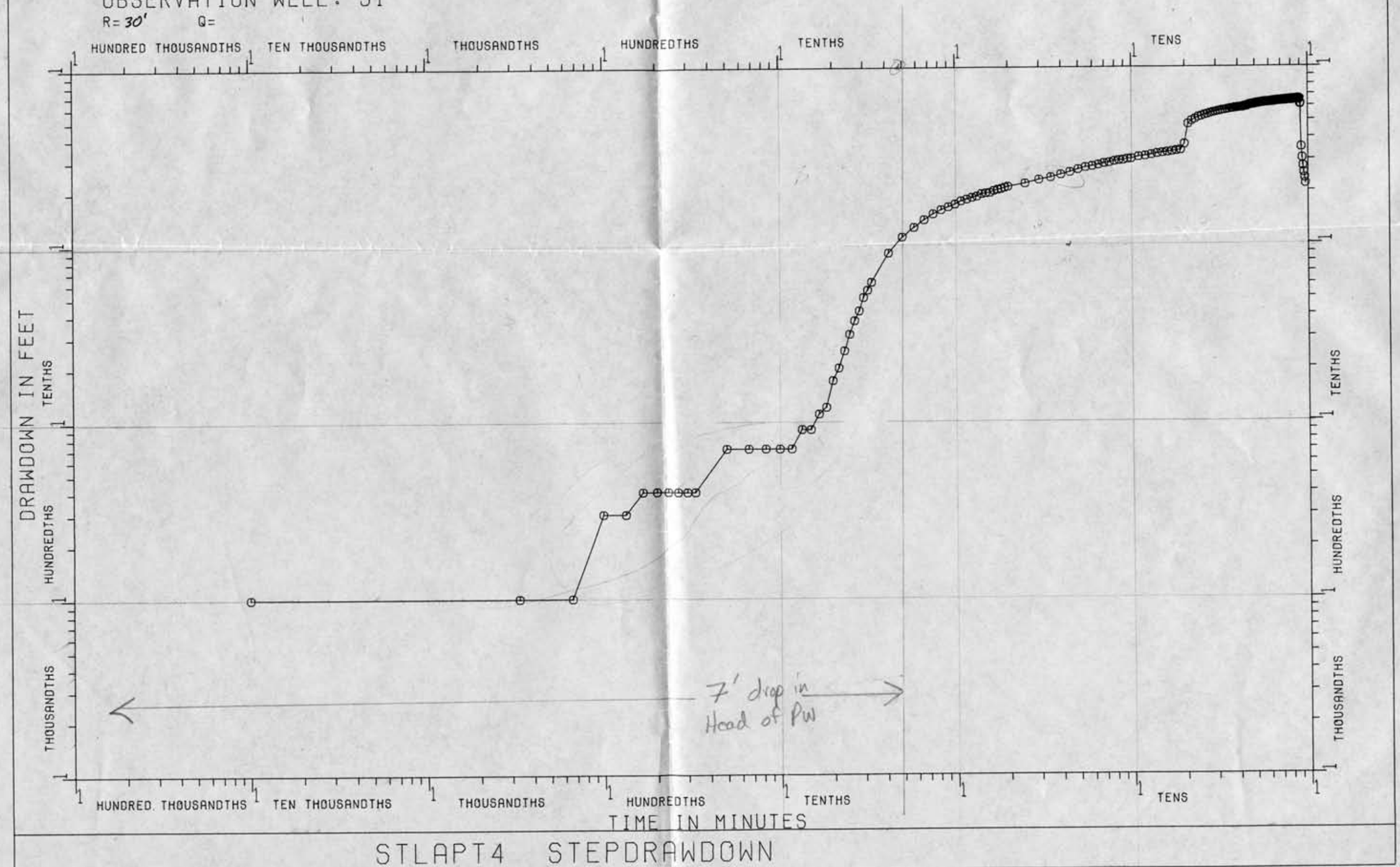


WMD TAPENO 6290 PLOT NO 0004
USER NO PADGETT DATE 89/07/17 TIME 13:54

STLAPT-4 STEP DRAWDOWN

OBSERVATION WELL: S1

R= 30' Q=



STLAPT4 STEPDRAWDOWN

WMD TAPENO 6295 PLOT NO 0001
USER NO PADGETT DATE 89/07/18
8 TIME 16:06