

Lithologic Log of Well PB-1562

Lat 26°48'56", long 80°20'37"  
Sec. 15, T. 42 S., R. 40 E.

Description	Thick- ness (feet)	Depth, feet below land surface
Sand, dark-yellowish-brown (10 YR 4/2); quartzose, medium to very fine, moderately sorted, subangular to subrounded; 1 to 3 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; about 10 percent mud, clay and silt size.	4	0 - 4
Sandy marl, light-olive-gray (5 Y 5/2); micrite; 25 to 30 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 1 to 3 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 5 to 10 percent detrital carbonates, coarse to very fine; 5 to 10 percent organics.	3	4 - 7
Sandy marl, light-olive-gray (5 Y 6/1) to olive-gray (5 Y 4/1); micrite; 20 to 25 percent quartz as above; 1 to 3 percent heavy minerals as above; 5 to 10 percent detrital carbonates, coarse to very fine; 5 to 10 percent organics; about 10 to 15 percent shells at 10 feet, <u>Chione</u> , <u>Glycymeris</u> .	3	7 - 10
Muddy sand, light-olive-gray (5 Y 6/11); quartzose, fine to very fine, well sorted, subangular to angular; 1 to 3 percent heavy minerals as above; 5 to 10 percent detrital carbonates and shell fragments; about 25 to 30 percent micrite.	4	10 - 14
Limestone, very light gray (N 8) to medium-gray (N 6); sandy, sparse biomicrite; <u>Chione</u> , <u>Turritella</u> , <u>Terebra</u> , <u>Anadora</u> ; calcite-filled pore spaces; 20 to 25 percent quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; interbedded with about 30 percent marl, micrite; 20 to 25 percent quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; about 25 to 30 percent detrital carbonates and shell fragments, oysters.	3	14 - 17

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Muddy sand, medium-gray (N 5) to light-olive-gray (5 Y 6/1); quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, fine to very fine, well sorted, rounded to subrounded; about 20 to 25 percent micrite; 10 to 15 percent detrital carbonates and shell fragments, <u>Chione</u> ; interbedded with about 5 to 20 percent rock fragments.	3	17 - 20
Sand, light-olive-gray (5 Y 6/1); quartzose, medium to very fine, subangular to subrounded; 5 to 10 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 20 to 25 percent detrital carbonates and shell fragments, <u>Hyalina</u> , <u>Chione</u> , <u>Tellina</u> ; about 5 percent micrite.	4	20 - 24
Sand, dark-yellowish-brown (10 YR 4/2); quartzose, medium to very fine, moderately sorted, subangular to rounded; 5 to 10 percent heavy minerals, fine to very fine, well sorted, subrounded to rounded; 5 to 10 percent detrital carbonates; about 10 percent micrite.	3	24 - 27
Muddy sand, olive-gray (5 Y 4/1); quartzose, fine to very fine, well sorted, subangular to subrounded; 10 to 15 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 1 to 3 percent detrital carbonates; about 10 percent mud, clay and silt size.	3	27 - 30
Muddy sand, olive-gray (5 Y 3/2); quartzose, medium to very fine, moderately sorted, angular to subrounded; 10 to 15 percent heavy minerals, medium to very fine, well sorted, rounded to subrounded; 3 to 5 percent detrital carbonates; about 15 to 20 percent mud, clay and silt size.	4	30 - 34
Sand, olive-gray (5 Y 4/1); quartzose, fine to very fine, well sorted, subangular to subrounded; 10 to 15 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; about 5 to 10 percent mud, clay and silt size.	3	34 - 37

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Sand, olive-gray (5 Y 4/1) to dark-yellowish-brown (10 YR 4/2); quartzose, fine to very fine, well sorted, subangular to subrounded; 5 to 10 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 3 to 5 percent detrital carbonates and shell fragments; about 3 percent mud, clay and silt size.	3	37 - 40
Muddy sand, olive-black (5 Y 2/1); quartzose, medium to very fine, moderately sorted, subangular to subrounded; 1 to 3 percent heavy minerals as above; 1 to 3 percent detrital carbonates; 20 to 25 percent organic mud, clay and silt size.	4	40 - 44
Muddy sand as above.	3	44 - 47
Muddy sand, olive-gray (5 Y 4/1); quartzose as above; 3 to 5 percent heavy minerals as above; 3 to 5 percent detrital carbonates; about 10 percent mud, clay and silt size.	3	47 - 50
Muddy sand, light-olive-gray (5 Y 5/2); quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 5 to 10 percent detrital carbonates and shell fragments; 15 to 20 percent micrite.	4	50 - 54
Muddy sand, light-olive-gray (5 Y 5/2); quartzose as above; 1 to 3 percent heavy minerals as above; 10 to 15 percent detrital carbonates and shell fragments.	3	54 - 57
Muddy sand, olive-gray (5 Y 4/1); quartzose, medium to very fine, moderately sorted, angular to subrounded; 1 to 3 percent heavy minerals as above; 10 to 15 percent organic mud; 15 to 20 percent detrital carbonates and shell fragments.		57 - 60
Sand, light-olive-gray (5 Y 5/2); quartzose, fine to very fine, well sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, subangular to rounded; 5 to 10 percent organic mud, clay and silt size; 10 to 15 percent detrital carbonates and shell fragments, <u>Chione</u> , <u>Cardita</u> , worm shells, <u>Glycymeris</u> ; mangrove roots.	4	60 - 64

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Muddy sand, grayish-olive (10 Y 4/2) to olive-gray (5 Y 4/1); quartzose, fine to very fine, well sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, subangular to rounded; 3 to 5 percent detrital carbonates and shell fragments; 10 to 15 percent mud, clay and silt size.	3	64 - 67
Muddy sand as above.	3	67 - 70
Muddy sand, olive-gray (5 Y 4/1) to light-olive-gray (5 Y 5/2); quartzose as above; 3 to 5 percent heavy minerals as above; 5 to 10 percent detrital carbonates and shell fragments; 10 to 15 percent mud, clay and silt size.		70 - 74
Sand, light-olive-gray (5 Y 5/2); quartzose, fine to very fine, well sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 10 to 15 percent detrital carbonates and shell fragments; 5 to 10 percent mud, clay and silt size.	3	74 - 77
Sand as above.	3	77 - 80
Shell and shell fragments, light-olive-gray (5 Y 6/1); mollusks, including <u>Turritella</u> ; 25 to 30 percent quartzose, medium to very fine, moderately sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 20 to 25 percent detrital carbonates, coarse to very fine.	4	80 - 84
Shell and shell fragments, yellowish-gray (5 Y 7/2); abundant mollusks, <u>Turritella</u> , <u>Anachis</u> , barnacles, bivalvia, bryozoans, <u>Hyalina</u> ; 20 to 25 percent quartzose, fine to very fine, well sorted, angular to subrounded; 3 to 5 percent heavy minerals as above; 20 to 25 percent detrital carbonates, coarse to very fine.	3	84 - 87
Shell and shell fragments as above; scallops.	3	87 - 90
Shell and shell fragments, yellowish-gray (5 Y 7/2) to light-olive-gray (5 Y 6/1); <u>Chione</u> , <u>Lirophora</u> , abundant mollusks; 20 to 25 percent quartzose, medium to very fine, angular to subrounded; 5 to 10 percent heavy minerals, fine to very fine, rounded to subrounded; 20 to 25 percent detrital carbonates, coarse to very fine.		90 - 94

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Shell and shell fragments, light-olive-gray (5 Y 6/1) to yellowish-gray (5 Y 8/1); <u>Turritella</u> , <u>Chione</u> , cockles, barnacles, abundant small clams; 20 to 25 percent quartzose, medium to very fine, moderately sorted; 5 to 10 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 20 to 25 percent detrital carbonates, coarse to very fine.	3	94 - 97
Shell and shell fragments as above; <u>Oliva</u> .	3	97 - 100
Shell and shell fragments, light-olive-gray (5 Y 6/1) to yellowish-gray (5 Y 7/2), <u>Turritella</u> , <u>Oliva</u> , <u>Chione</u> , <u>Lucina</u> , barnacles, <u>Hyalina</u> , abundance of small clams; 20 to 25 percent quartzose, medium to very fine, moderately sorted, angular to subrounded; 5 to 10 percent heavy minerals and phosphates, well sorted, rounded to subrounded; 20 to 25 percent detrital carbonates, coarse to very fine.		100 - 104
Shell and shell fragments as above; <u>Conus</u> , bryozoans.	3	104 - 107
Shell and shell fragments as above; <u>Busycon</u> .		107 - 110
Shell and shell fragments, yellowish-gray (5 Y 7/2) to light-olive-gray (5 Y 6/1), <u>Chione</u> , <u>Turritella</u> , <u>Conus</u> , <u>Olivella</u> , oysters, <u>Plicatula</u> , <u>Trachycardium</u> , <u>Anadora</u> , barnacles, bryozoans; 25 to 30 percent quartzose, medium to very fine, moderately sorted, angular to subrounded; 5 to 10 percent heavy minerals and phosphates, medium to very fine, moderately sorted, rounded to subrounded; 20 to 25 percent detrital carbonate, very coarse to very fine.		110 - 114
Shell and shell fragments as above; about 1 to 3 percent coquina.	3	114 - 117
Shell and shell fragments as above; <u>Terebra</u> , <u>Mitrella</u> .		117 - 120
Shell and shell fragments, yellowish-gray (5 Y 7/2) to light-olive-gray (5 Y 6/1); echinoid plate, <u>Turritella</u> , <u>Chione</u> , and others as above; 25 to 30 percent quartzose, medium to very fine, moderately sorted, angular to subrounded; 5 to 10 percent heavy minerals and phosphates, fine to very fine, well sorted, subangular to rounded; 20 to 25 percent detrital carbonates, very coarse to very fine.	4	120 - 124

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Shells and shell fragments, light-olive-gray (5 Y 5/2); <u>Oliva</u> , <u>Chione</u> , abundance of small clam shells, <u>Turritella</u> , bryozoan; 20 to 25 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 5 to 10 percent heavy minerals and phosphates as above; 25 to 30 percent detrital carbonates; 3 to 5 percent silt and clay-size particles.	3	124 - 127
Sand, light-olive-gray (5 Y 5/2); detrital carbonates, coarse to very fine; 20 to 25 percent shells and shell fragments; 10 to 15 percent quartzose, fine to very fine, well sorted, angular to subrounded; 5 to 10 percent heavy minerals and phosphates, fine to very fine, well sorted, subangular to rounded; 15 to 20 percent clay and silt-size particles.	3	127 - 130
Shell and shell fragments, as in 120 to 124 feet, with <u>Turritella</u> , <u>Terebra</u> , <u>Chione</u> , echinoid plates, and other bivalves; interbedded with about 20 percent limestone becoming well cemented at 134 feet; medium-gray (N 5) packed biosparite; bivalvia and other mollusks; 20 to 25 percent quartzose, medium to very fine, moderately ately sorted, angular to subrounded; 3 to 5 percent heavy minerals, medium to very fine, moderately sorted, subrounded to rounded; moderately to well cemented; very porous.	4	130 - 134
Limestone, light-olive-gray (5 Y 5/2) to grayish-olive (10 Y 4/2); sandy, sparse biosparite to biomicrite in places, mollusks; 10 to 15 percent quartzose, medium to very fine, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, rounded to subrounded; moldic, vugs; well cemented; very porous; interbedded with about 30 percent sand; detrital carbonates, very coarse to very fine; 20 to 25 percent quartzose, medium to very fine, moderately sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; about 10 percent clay and silt in places.	3	134 - 137

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Sand, light-olive gray (5 Y 6/1) to yellowish-gray (5 Y 7/2); quartzose, medium to very fine, moderately sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, rounded to subrounded; 25 to 30 percent detrital carbonates and shell fragments; interbedded with 10 percent limestone as above; interbedded with 10 percent sandstone, yellowish-gray (5 Y 8/1); quartzose, medium to very fine, angular to rounded; 3 to 5 percent heavy minerals, medium to very fine, angular to rounded; 5 to 10 percent detrital carbonates and phosphates, coarse to very fine; about 20 percent sparite matrix; 10 to 15 percent shells and shell fragments.	3	137 - 140
Sand, interbedded with sandstone as above.	4	140 - 144
Limestone, light-olive-gray (5 Y 6/1); sandy, sparse bio-sparite, mollusks; 25 to 30 percent quartzose, medium to fine, subangular to subrounded, moderately sorted; 5 to 10 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; interbedded with about 20 percent sand; quartzose, medium to very fine, moderately sorted, angular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, subrounded to rounded; 35 to 40 percent detrital carbonates and shell fragments.	3	144 - 147
Limestone, dusky-yellow-green (5 GY 5/2) to light-olive-gray (5 Y 5/2); sandy, sparse biomicrite, mollusks; 5 to 10 percent detrital carbonates; 30 to 35 percent quartzose, medium to very fine, moderately sorted, subangular to angular; 5 to 10 percent heavy minerals, fine to very fine, well sorted, subangular to rounded; moldic; well cemented; very porous; interbedded with 40 to 45 percent sand, light-olive-gray (5 Y 6/1); quartzose, medium to very fine, well sorted, angular to subrounded; 5 to 10 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 25 to 30 percent detrital carbonates and shell fragments.	3	147 - 150

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Sand, light-olive-gray (5 Y 6/1) to yellowish-gray (5 Y 7/2) quartzose, fine to very fine, well sorted, angular to subrounded; 5 to 10 percent heavy minerals and phosphates, fine to very fine, well sorted, subangular to rounded; 15 to 20 percent detrital carbonates, very coarse to very fine; 20 to 25 percent shells and shell fragments, <u>Colus</u> , <u>Hyalina</u> , abundant bivalves; interbedded with about 10 percent limestone, light-olive-gray (5 Y 5/2) to dusky-yellow-green (5 GY 5/2); sandy, sparse biomicrite; 20 to 25 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, rounded to subrounded; 5 to 10 percent detrital carbonates, medium to fine.	4	150 - 154
Sandy clay, grayish-olive (10 Y 4/2); silt and clay; 30 to 35 percent quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, medium to very fine, subrounded to rounded; 20 to 25 percent detrital carbonates and shell fragments; interbedded with about 20 percent limestone; sandy, sparse biomicrite as above; poorly cemented; moderate to low porosity.	6	154 - 160
Clayey, shelly sand, yellowish-gray (5 Y 7/2) to pale-olive (10 Y 6/2); quartzose, medium to very fine, moderately sorted, subangular to subrounded; 5 to 10 percent heavy minerals and phosphates, coarse to very fine, poorly sorted, subrounded to rounded; 10 to 15 percent clay and silt; 20 to 25 percent shells and shell fragments, <u>Turritella</u> , <u>Tellina</u> .	4	160 - 164
Clayey, shelly sand, light-olive-gray (5 Y 5/2) as above; 20 to 25 percent clay and silt.	3	164 - 167
Sandy, shelly clay, grayish-olive (10 Y 4/2); clay and silt; 25 to 30 percent; quartzose, medium to very fine, subangular to subrounded; 5 to 10 percent heavy minerals and phosphates, coarse to very fine, subrounded to rounded; 25 to 30 percent carbonates and shell fragments, <u>Tellina</u> .	3	167 - 170
Shelly clay, grayish-olive-green (5 GY 3/2); silt and clay; 10 to 15 percent quartzose, medium to very fine, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, coarse to very fine, subrounded to rounded; 15 to 20 percent detrital carbonates and shell fragments, <u>Tellina</u> , bryozoans, abundant bivalve pieces.	4	170 - 174



Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Sandy clay, light-olive-gray (5 Y 6/1) to grayish-olive-green (5 GY 3/2); silt and clay; 30 to 35 percent quartzose as above; 3 to 5 percent heavy minerals and phosphates as above; 15 to 20 percent detrital carbonates and shell fragments.	3	174 - 177
Sandy, shelly clay, grayish-olive-green (5 GY 3/2); silt and clay; 25 to 30 percent quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, coarse to very fine, moderately sorted, subrounded to rounded; 20 to 25 percent detrital carbonates and shell fragments.	3	177 - 180
Sand, light-olive-gray (5 Y 5/2) to grayish-olive (10 Y 4/2); quartzose as above; 3 to 5 percent heavy minerals and phosphates as above; 20 to 25 percent clay and silt; 20 to 25 percent detrital carbonates and shell fragments, <u>Tellina</u> , <u>Diplodonta</u> , abundant bivalve shell pieces.	4	180 - 184
Sandy, shelly clay as in 177 to 180 feet.	3	184 - 187
Sandy, shelly clay as in 177 to 180 feet.	3	187 - 190
Sandy clay, grayish-olive (10 Y 4/2); clay and silt; 25 to 30 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, fine to very fine, well sorted, subrounded to rounded; 10 to 15 percent shells and shell fragments, echinoid plates.	5	190 - 195
Sandy, shelly clay, grayish-olive (10 Y 4/2), as in 177 to 180 feet.	5	195 - 200
Sandy, shelly clay, grayish-olive (10 Y 4/2); clay and silt; 25 to 30 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, fine to very fine, well sorted, subrounded to rounded; 20 to 25 percent detrital carbonates and shell fragments.	5	200 - 205
Sandy, shelly clay as above.	5	205 - 210
Sandy clay, grayish-olive-green (5 GY 3/2); clay and silt; 10 to 15 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, fine to very fine, well sorted, subrounded to rounded; 5 to 10 percent shells and shell fragments.	5	210 - 215

Lithologic Log of Well PB-1562--Continued

Description	Thick- ness (feet)	Depth, feet below land surface
Sandy clay as above.	5	215 - 220
Clay, grayish-olive-green (5 GY 3/2); clay and silt; 5 to 10 percent quartzose, very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals, very fine, well sorted, subrounded to rounded; 5 to 10 percent shells and shell fragments.	5	220 - 225
Clay as above.	5	225 - 230
Clay as above; 15 to 20 percent shells and shell fragments, <u>Tellina</u> , coral, abundant bivalve fragments.	5	230 - 235
Sandy clay, grayish-olive-green (5 GY 3/2); silt and clay; 20 to 25 percent quartzose, fine to very fine, well sorted, subangular to subrounded; 3 to 5 percent heavy minerals and phosphates, coarse to very fine, subrounded to rounded; 15 to 20 percent shells and shell fragments.	5	235 - 240
Sandy clay as above.	5	240 - 245
Sandy, shelly clay, light-olive-gray (5 Y 5/2) to grayish-olive (10 Y 4/2); clay and silt; 20 to 25 percent quartzose, medium to very fine, moderately sorted, subangular to subrounded; 3 to 5 percent heavy minerals, fine to very fine, well sorted, subrounded to rounded; 20 to 25 percent detrital carbonates and shell fragments, <u>Turritella</u> , <u>Tellina</u> , <u>Terebra</u> , <u>Cerodrilla</u> , limpets, <u>Anadora</u> .	5	245 - 250

U.S. DEPT. OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
GROUND WATER SITE INVENTORY  
SITE SCHEDULE

Recorded by R. Kone

Date 7-29-86

GENERAL SITE DATA (0)

Check One  English  Metric Units

Site Ident No. 264856080203704 RG Number R=0\* Transaction T=A D M V\*  
 Site-Type 2=C D H I M P T W\* Data 3=C U L M\* Reliability 3=C U L M\* Reporting Agency 4=USGS\*  
 Project No. 5=4598-44200\* District 6=12\* State 7=12\* County (or town) Palm Beach 8=099\*  
 Latitude 9=26 48 56\* Longitude 10=0 80 2.0 37\* Lat-Long Accuracy 11=C F T M\*  
 Local Number 12=PB-1562 Land Net Loc. 13=NW 1/4 NW 1/4 SW 1/4 S 15 T 42 S R 40 E\*  
 Location Map 14=West Palm B. 2SE Scale 15=1:24000\*  
 Altitude 16=19\* Method of Measurement 17=A L M\* Accuracy 18=Topo\*  
 Topo Setting 19=D C E F H K L O P S T U V W\* Hydrologic Unit (OWDC) 20=03090202\*  
 Date of First Construction/Completion 21=07 29 / 1986\* Use of Site 23=A D E G H O M P R S T U W X Z\*  
 Use of Water 24=A B C D E F H I M N P R S T U Y Z\*  
 Secondary Water Use 25=\* Tertiary Use of Water 26=\* Depth of Hole 27=250' Depth of Well 28=230' Source of Depth Data 29=C\*  
 Water Level 30=\* Date Measured 31= / / Source 33=\*  
 Method of Measurement 34=A C E G H L M R S T V Z\*  
 Site Status 37=D F G H O P R S T V X Z\*  
 Source of Geohydrologic Data 36=\* Pump Used 35=\* Measuring Point 266 Measuring Point Date 267= / /

OWNER IDENTIFICATION (1)

R=158\* T=A D M V\* Date of Ownership 159 # 07 / 29 / 1986\*  
 Name: Last 161=USGS First 162= Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189\* T=A D M V\* Ident 190 # Assigner 191  
 New Card Same R & T Ident 190 # Assigner 191

SITE VISIT DATA (1)

R=186\* T=A D M V\* Date of Visit 187 # / / Name of Person 188 #

FIELD WATER QUALITY MEASUREMENTS (1)

R=192\* T=A D M V\* Date 193 # / / Geohydrologic Unit 195 #  
 Temperature 196 # 0 0 0 1 0 \* Degrees C 197 =  
 Conductance 196 # 0 0 0 9 5 \*  $\mu$ Mhos 197 =  
 Other (STORET) Parameter 196 # Value 197 =  
 Other (STORET) Parameter 196 # Value 197 =

FOOT NOTES

① Source of Data Codes

S	D	O	A	R	L	G	Z
reporting agency	driller	owner	other agency	geologist	other reported	logs	geologist

WELL CONSTRUCTION DATA (1)

R = 58 \* T = A D M \* add, delete, modify Entry No. 59 # \* Date of Construction Completion 60 = 02 / 28 / 1986 \* Source of Const. Data 64 = C \*

Name of Contractor/Driller 63 = Dual Tube \*

Method of Construction 65 = A B C D H J P R T V W Z \*  
air rotary, bored or augered, cable tool, dug, hydraulic rotary, jetted, air percussion, reverse rotary, trenching, driven, drive wash, other

Finish 66 = C F G H Ø P S T W Z \* Type of Seal 67 = B C G Z \*  
porous concrete, gravel w. perf, gravel screen, horizontal gallery, open end, perforated or slotted, screen, sand point, walled, open hole, bentonite, clay, cement, other grout

Bottom of Seal 68 = 225 \* Method of Development 69 = A B C J N P S Z \* Number of Hours in Development 70 = \*  
air-lift, bailed, compressed air, jetted, none, other, surged, other pump

Special Treatment During Development 71 = C D E F H M Z \*  
chemicals, dry ice, explosives, deflocculant, hydrofracturing, mechanical, other

DIMENSIONS OF THE HOLE CONSTRUCTED (2)

R = 72 \* T = A D M \* Construction Entry No. 59 # \*  
 Top of Hole Segment Below LSD  
 73 # 0 \*  
 73 # \*  
 73 # \*  
 73 # \*  
 73 # \*  
 Bottom of Hole Segment below LSD  
 74 = 250 \*  
 74 = \*  
 74 = \*  
 74 = \*  
 74 = \*  
 Diameter of Hole Segment  
 75 = 6 \*  
 75 = \*  
 75 = \*  
 75 = \*  
 75 = \*

New Card for Each Hole Segment Same R, T & Field 5 9

CASING SCHEDULE (2)

R = 76 \* T = A D M \* Construction Entry No. 59 # \*  
 Top of Casing Segment Below LSD  
 77 # 0 \*  
 77 # \*  
 77 # \*  
 77 # \*  
 77 # \*  
 Bottom of Casing Segment Below LSD  
 78 = 230 \*  
 78 = \*  
 78 = \*  
 78 = \*  
 78 = \*  
 Diameter of Casing Segment  
 79 # 2 \*  
 79 # \*  
 79 # \*  
 79 # \*  
 79 # \*  
 Casing Material 5  
 80 = P \*  
 80 = \*  
 80 = \*  
 80 = \*  
 80 = \*  
 Thickness of Casing  
 81 = \*  
 81 = \*  
 81 = \*  
 81 = \*  
 81 = \*

New Card for Each Casing With Same R, T & Field 5 9

OPENINGS SCHEDULE (2)

R = 82 \* T = A D M \* Construction Entry No. 59 # \*  
 Top of Section Below LSD 83 # 0 \*  
 Bottom of Section Below LSD 84 = 250 \*  
 Type of Openings 6 85 = X \*  
 Type of Material 7 86 = \*  
 Diameter of Open Section 87 = \*  
 Width of Opening 88 = \*  
 Length of Opening 89 = \*  
 (Openings Data)  
 83 # \*  
 84 = \*  
 85 = \*  
 86 = \*  
 87 = \*  
 88 = \*  
 89 = \*  
 (Openings Data)  
 83 # \*  
 84 = \*  
 85 = \*  
 86 = \*  
 87 = \*  
 88 = \*  
 89 = \*

New Card for Each Open Section With Same R, T and Field 5 9

FOOT NOTES:

1 Source of Data Codes:

S D Ø A R L G Z  
reporting, driller, owner, other gov't, other logs, geologist, other agency, reported,

5 Casing Material Codes

B C G I M P R S T U W Z  
brick, concrete, galv, wrought, other, PVC or, rock or, steel, tile, coated, wood, other iron iron metal plastic stone steel

6 Type of Openings Codes

F L M P R S T W X Z  
fracture, louvered, mesh, perforated, wire screen, sand, walled, open, other shuttered or slotted wound (unknown) point hole

7 Type of Material Codes for Open Sections

B C G I M P R S T Z  
brass or, concrete, galv, wrought, other, PVC or, stainless, steel, tile, other bronze iron iron metal plastic steel

PRODUCTION DATA (1)

R = 134 146 \* T = A D M \* add, delete, modify

Entry No 147 # Date 148 = / /

Discharge: 150 = Source of Data 151 =

Method of 152 = B C E F M O P R T S U V W Z

Production 153 = Static Level 154 = Source of Data 155 =

Method of 156 = A C E G H L M R S T V Z

LIFT DATA (1) R = 42 \* T = A D M \* add, delete, modify

Type of Lift 43 # A B C J P R S T U Z

Pump Intake 44 = Type of Power 45 = D E G H L N W Z

Date 46 = / / Horsepower

MAJOR PUMP DATA (2)

R = 47 \* T = A D M \* add, delete, modify

Type of Lift 43 # Lift Entry No 254 #

Name of Power Company 50 =

Power Company No 51 = Meter No 52 = Pump Rating 53 =

Person or Company Who Maintains the Pump 54 =

R = 55 \* T = A D M \* add, delete, modify

AVAILABLE LOG DATA (1)

R = 198 \* T = A D M \* add, delete, modify

Type of Log 199 # Log of 199 #

Begin 200 = End 201 =

Depth 200 = End 201 =

Source of Data 202 =

WATER QUALITY DATA COLLECTION (1)

R = 114 \* T = A D M \* add, delete, modify

Begin Year 115 # End Year 116 =

Network Site 257 = Type of Analyses 120 =

R = 121 \* T = A D M \* add, delete, modify

Begin Year 122 # End Year 123 =

Network Site 258 = Source Agency 124 =

R = 127 \* T = A D M \* add, delete, modify

Begin Year 128 # End Year 129 =

Network Site 259 = Method of Collection 133 =

R = 180 \* T = A D M \* add, delete, modify

Type of Data 181 # Loc 182 =

Type of Data 181 # Loc 182 =

Type of Data 181 # Loc 182 =

Type of Data 181 # Loc 182 =

Type of Data 181 # Loc 182 =

FOOT NOTES

(1) Source of Data Codes

S D O A R L G Z reporting: drifter, owner, other; govt, logs; geologist, other

A B C D E F G H I J K L M N O P Q R S W Z annual, bi-monthly, continuous, daily, semi-intermittent, monthly, one time, quarter, semi, weekly, other

(2) Type of Log Codes

A B C D E F G H I J K L M N O P Q R S T U V Z time, collar, caliper, drifter, electric, fluid, geologist, magnetic, induction, gamma, dipmeter, laterolog, microlog, neutron, photo, radio-conduct

(4) Type of Quality Analyses Codes

A B C D E F G H I J K L M Z physical, common, trace, pesticides, nutrients, sanitary, chemical elements

B&D B&E B&F B&G B&H B&I B&J B&K B&L B&M B&N B&O B&P B&Q B&R B&S B&T B&U B&V B&W B&X B&Y B&Z

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 \* T = A D M \* Entry No 256 # \* Depth to Top 91 = \* Depth to Bottom 92 = \*

Unit Identifier 93 = \* Lithology 96 = \* Lithologic Modifier 97 = \*

AQUIFER DATA (2)

R = 94 \* T = A D M \* Geohydrologic Unit Entry No 256 # \*  
 Date 95 # / / \* Water Level 126 = \* % Water Contributed 132 = \*

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 \* T = A D M \* Entry No 256 # \* Depth to Top 91 = \* Depth to Bottom 92 = \*

Unit Identifier 93 = \* Lithology 96 = \* Lithologic Modifier 97 = \*

AQUIFER DATA (2)

R = 94 \* T = A D M \* Geohydrologic Unit Entry No 256 # \*  
 Date 95 # / / \* Water Level 126 = \* % Water Contributed 132 = \*

PERTINENT REMARKS

R = 183 \* T = A \* add  
 185 = \*  
 185 = \*  
 185 = \*

NOTES:

