FILE FOLDER

DESCRIPTION ON TAB:

Caved 11/12/75

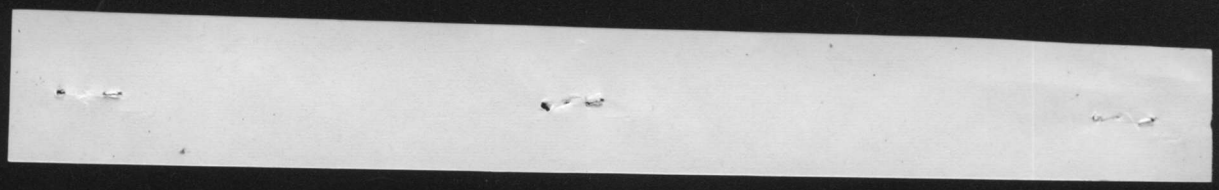
Well B #25

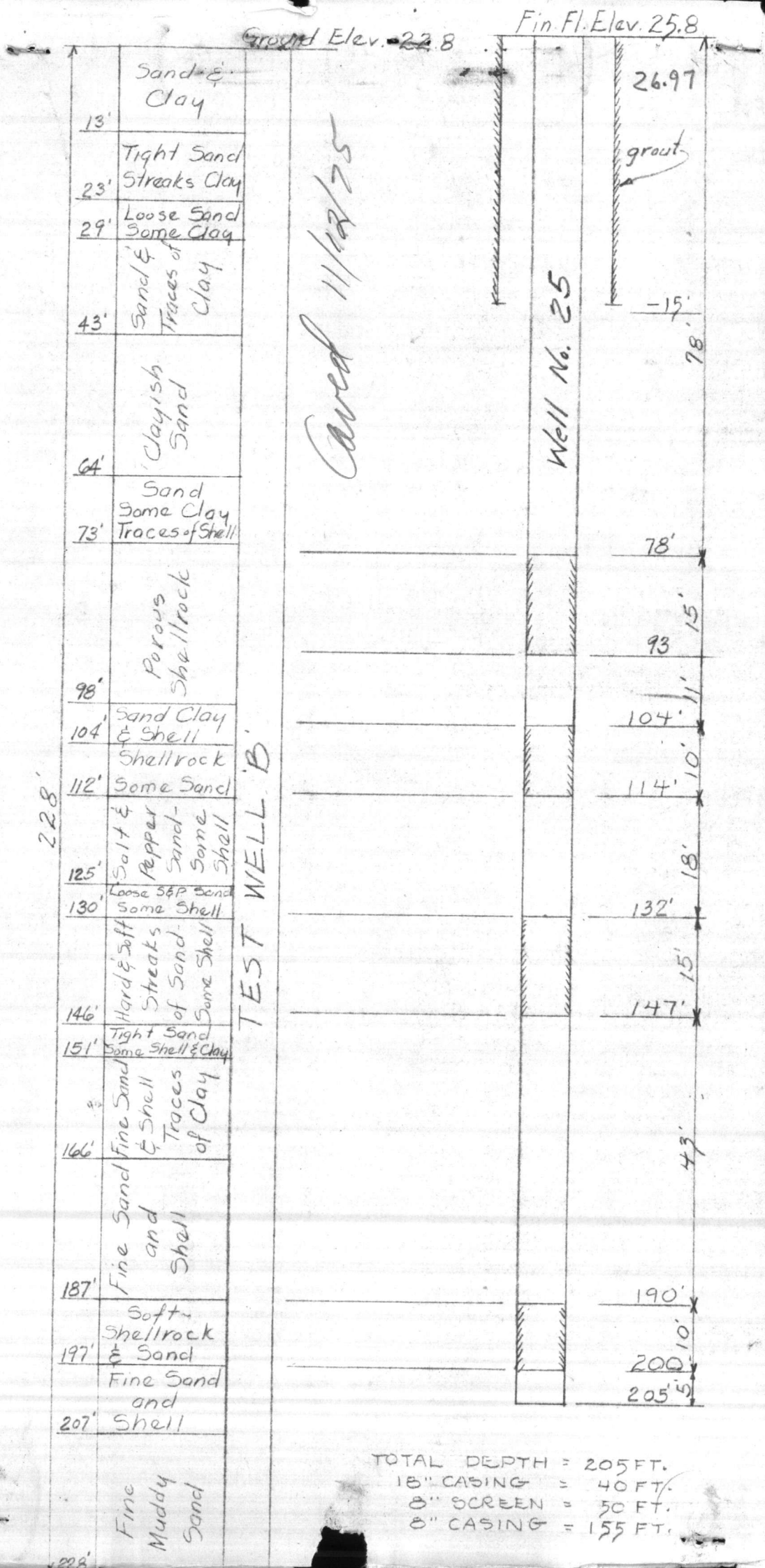
☑ **Outside/inside of actual folder did not contain hand written information**

☐ **Outside/inside of actual folder did contain hand written information**
***Scanned as next image**

Confidential Records Management, Inc.
New Bern, NC
1-888-622-4425
9/08

WELL SITE 'B'




Ground Elev. -22.8
Fin. Fl. Elev. 25.8
Sand & Clay
13'
Tight Sand Streaks Clay
23'
Loose Sand Some Clay
29'
Sand & Traces of Clay
43'
Clayish Sand
64'
Sand Some Clay Traces of Shell
73'
Porous Shellrock
98'
Sand Clay & Shell
104'
Shellrock Some Sand
112'
Salt & Pepper Sand - Some Shell
125'
Loose S&P Sand Some Shell
130'
Hard & Soft Streaks of Sand - Some Shell
146'
Tight Sand Some Shell & Clay
151'
Fine Sand & Shell Traces of Clay
166'
Fine Sand and Shell
187'
Soft Shellrock & Sand
197'
Fine Sand and Shell
207'
Fine Muddy Sand
228'
228'
TEST WELL 'B'
Cored 11/12/75
Well No. 25
26.97
grout
-15'
78'
78'
15'
93
11'
104'
10'
114'
18'
132'
15'
147'
43'
190'
10'
200'
5'
205'
TOTAL DEPTH = 205 FT.
18" CASING = 40 FT.
8" SCREEN = 50 FT.
8" CASING = 155 FT.

30

WORK REQUEST (MAINTENANCE MANAGEMENT)

NAVFAC 9-11014/20 (REV. 2-68) S/N-0105-002-7510
Supersedes NAVDOCKS 2351

OPERATIONS DIVISION
BASE MAINTENANCE
MCB OLNC
AUG 5 10 50 AM '71

(*PW Department see Instructions in NAVFAC MO-321*)

Requestor see Instructions on Reverse Side

PART I—REQUEST (Filled out by Requestor)

1. FROM	2. REQUEST NO.
Director, Utilities Division	69-71
3. TO	**4. DATE OF REQUEST**
Director, Operations Division	4 Aug. 71
5. REQUEST FOR ☐ COST ESTIMATE ☐ PERFORMANCE OF WORK	**5a. REQUEST WORK START**
6. FOR FURTHER INFORMATION CALL	**7. SKETCH/PLAN ATTACHED** ☐ YES ☐ NO
J. E. Herndon, Ph. 5161	

8. DESCRIPTION OF WORK AND JUSTIFICATION (*Including location, type, size, quantity, etc.*)

J & E Herndon (4) 8/5/71

Repair well No. 625.

Pulled and Cleaned
Sept 1971

APPROVED. Will be accomplished as soon as practicable on Work ~~Ticket~~ JON #AA2-23-4049-23XX-T
8/10/71

9. FUNDS CHARGEABLE	10. SIGNATURE (*Requesting Official*)
	J. E. HERNDON

PART II—COST ESTIMATE

(Filled out by Maintenance Control Division if estimate requested)

11. TO:	12. ESTIMATE NO.

13. COST ESTIMATE		14. SKETCH/PLAN ATTACHED ☐ YES ☐ NO
a. Labor	$	15.
b. Material	$	☐ APPROVED. PROGRAMMING TO START IN _____
c. Overhead and/or Surcharge	$	☐ APPROVED. BASED ON PRESENT WORKLOAD, THIS JOB CAN BE PROGRAMMED TO START IN _____, IF AUTHORIZED BY 25TH OF _____ AND FUNDS ARE MADE AVAILABLE.
d. Equipment Rental/Usage	$	
e. Contingency	$	☐ DISAPPROVED. (*See Reverse Side*)
f. TOTAL	$	

16. SIGNATURE	17. DATE

PART III—ACTION (Filled out by Requestor)

18. TO:

19. AUTHORIZATION TO PROCEED IS ATTACHED (*Check one if other than PW funds are involved*) ☐ NAVCOMPT 140 ☐ OTHER	20. WORK REQUESTED ☐ HAS BEEN CANCELLED ☐ HAS BEEN DEFERRED ☐ WILL BE PERFORMED BY OTHERS
21. SIGNATURE	22. DATE

(*See Part IV on Reverse Side*)

INSTRUCTIONS

IF ESTIMATE IS DESIRED BEFORE WORK IS STARTED

Requestor fills in all items in Part I, checks "Cost Estimate" in item 5, attaches sketch or plan if necessary, and checks proper block in item 7. Requestor retains last copy and forwards balance to Public Works Department.

If the Work Request is approved, the original and first copy will be returned to the requestor with Part II completed. If the requestor desires the work to proceed in accordance with the estimate provided, he should fill in Part III, checking proper block in item 19 and attaching the document citing the funds to be used. If the requestor decides not to authorize the work, the appropriate box in item 20 should be checked. The original form, in either case, is returned to the Public Works Department.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to the requestor.

IF ESTIMATE IS NOT DESIRED BEFORE WORK IS STARTED AND FUNDS ARE NOT UNDER COGNIZANCE OF PWO

Requestor fills in all items in Parts I and III except item 20, checks "Performance of Work" in item 5, attaches sketch or plan if necessary, checks proper block in item 7, checks proper block in item 19, and attaches document citing the funds to be used. Requestor retains last copy and forwards balance to Public Works Department.

If the Work Request is approved, the first copy will be returned to the requestor with items 11, 12, 15, 16, and 17 of Part II completed.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to requestor.

IF ESTIMATE IS NOT DESIRED BEFORE WORK IS STARTED AND FUNDS ARE UNDER COGNIZANCE OF PWO

Requestor fills in all items in Part I, checks "Performance of Work" in item 5, attaches sketch or plan if necessary, and checks proper block in item 7. Requestor retains last copy and forwards balance to the Public Works Department.

If the Work Request is approved, the first copy will be returned to the requestor with items 11, 12, 15 as applicable, 16 and 17 of Part II completed.

If the Work Request is disapproved, the reasons for disapproval will be stated in Part IV, signed by the Public Works Officer, and the original and one copy returned to requestor.

PART IV—REMARKS

625

April. 4. 1961

	Start	after	Dead Head pressure
Station Level	51	52 1/2	45 lb.

Pressure		D. D	D. P. M.
15 lb.	Rust water	10 1/2	212
20 lb	Fair water	13	195
25 lb	Clear water	20	172
33.4	" "	30	118

> 15 minutes between checks

33.4	" "	30	118

9-17-71 cleaned

Static 14'9"
Setting setting
Tail 20' - 4" dia
Size 5"
Layne 4 Stage
Discharge 6"

First — Second

S = 59 - 59 ft.

D-D = 22 - 21 ft.

G.P.M = 187 - 192

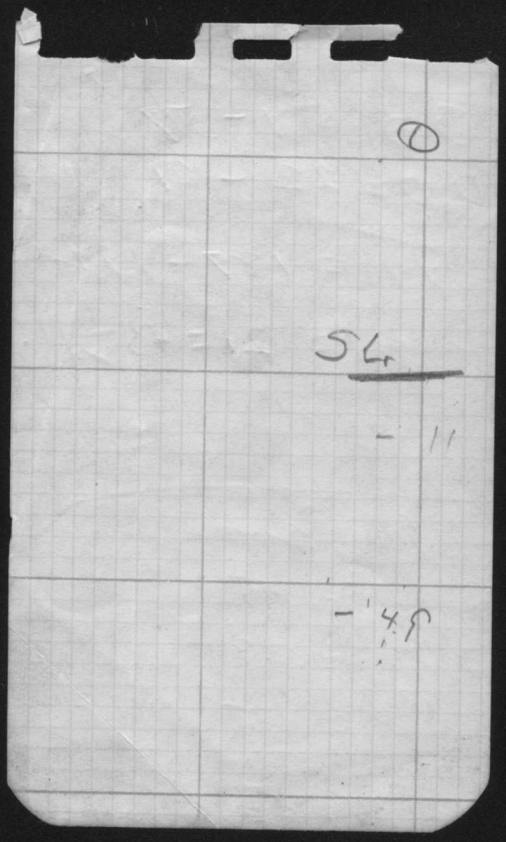
Equiv P = 21 = 45 1/2 ft.
PRESS.

G.P.M 200

equiv P = 35

D-D = 29

Static = 62


0
54
- 11
- 48

FORM A-4
(JUNE '66)

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OFFICE OF WATER DATA COORDINATION
INVENTORY OF HYDROLOGIC DATA STATIONS
QUALITY OF WATER

APPROVED.
Budget Bureau No. 42-R1485
Approval Expires June 30, 1968

1. AGENCY CODE	2. TYPE	3. LATITUDE	4. LONGITUDE	5.
MC	Q	° ' " N: 34 39 7	° ' " W: 77 19 7	

6. AGENCY STATION NO.	7. STATION NAME
625	HP20-625

8. DRAINAGE BASIN CODE No.	Letter	9. STATE CODE	10. COUNTY CODE	11. COUNTY NAME
06	N	32	133	ONSLOW

12. PERIOD OF RECORD Began	Discontinued	Y ☐ Continuous Interruption Exceeds 1 Year	13.	14.
1953				

15. SITE

- ☐ 101 Stream
- ☐ 102 Canal
- ☐ 103 Lake
- ☐ 104 Reservoir
- ☐ 105 Estuary
- ☐ 106 Spring
- ☑ 107 Well
- ☐ 110 Other

16. FREQUENCY OF MEASUREMENT

- ☐ 201 Continuous Recorder
- ☐ 202 Telemetered
- ☐ 203 Daily
- ☐ 204 Weekly
- ☐ 205 Monthly
- ☐ 206 Quarterly
- ☐ 207 Seasonal
- ☐ 208 Annual
- ☐ 209 Other Periodic
- ☑ 210 Occasional

17. TYPES OF DATA AVAILABLE

Physical
- ☐ 311 Temperature
- ☐ 312 Specific Conductance
- ☐ 313 Turbidity
- ☐ 314 Color
- ☐ 315 Odor
- ☐ 316 Radioactivity
- ☑ 317 pH (field)
- ☑ 318 pH (lab)
- ☐ 319 Eh
- ☐ 320 Other

Chemical
- ☐ 331 Dissolved solids
- ☑ 332 Chlorides Only
- ☐ 333 Nutrients (Nitrogen and phosphorus compounds)
- ☐ 334 Common ions
- ☑ 335 Hardness
- ☐ 336 Radiochemical
- ☐ 337 Dissolved oxygen
- ☐ 338 Other Gases
- ☐ 339 Other

Organic
- ☐ 351 Pesticides (insecticides, herbicides, etc.)
- ☐ 352 Synthetic detergents
- ☐ 353 Other

Biologic
- ☐ 361 Coliforms
- ☐ 362 Other Micro-organisms
- ☐ 363 BOD
- ☐ 364 Other

Sediment
- ☐ 371 Concentration
- ☐ 372 Particle size
- ☐ 373 Other

18. SUPPLEMENTARY DATA FOR SITE

- ☐ 421 Surface Water Station
- ☐ 422 Ground Water Station
- ☐ 423 Water Stage or Level
- ☑ 424 Water discharge
- ☐ 425 Time of Travel
- ☐ 426 Drainage Area

19. STORAGE OF DATA

- ☐ 501 Periodic Report
- ☐ 502 Areal Report
- ☑ 503 Not Published
- ☐ 504 Data on Punchcard
- ☐ 505 Data on Magnetic Tape
- ☐ 506 Other

20. OFFICE AT WHICH DATA AVAILABLE

Office: BASE MAINTENANCE DEPARTMENT, UTILITIES DIVISION

Street No.: MARINE CORPS BASE

City Code:

City, State, Zip: CAMP LEJEUNE, N. C. 28542 — 0735

21. OFFICE COMPLETING FORM

BASE MAINTENANCE DEPARTMENT

22. COMPILER'S NAME

F. E. TEW, JR.

23. DATE Month: MAY Year: 19 66

PHYSICAL AND CHEMICAL ANALYSIS OF WATER

SAMPLE NO. WW 2-14

DATE 1 March 1960

(Station or unit): U.S. Marine Corps Base, Camp Lejeune, North Carolina

TO: (Name and location of laboratory) DPWO Sanitary Engineering Laboratory, Bldg. L-29, Naval Base, Norfolk 11, Virginia

SAMPLE FROM (Location of sampling point) Hadnot Point Area Well No. 25, Bldg. No. 625

COLLECTED BY	DATE	HOUR	SOURCE (Designate ground, surface, raw, treated)
Mr. R.L. Cox	3 Feb. 1960	—	Ground

REASON FOR EXAMINATION: E.S.R., DPWO PROJECT NO. 09-2455

EXAMINATION REQUESTED BY: Mr. R.L. Cox

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

I. Laboratory ~~FIELD~~ ANALYSIS

1. pH	TEMPERATURE °F	TEMPERATURE °C
7.35		24.

ITEM	PPM
2. CARBON DIOXIDE (CO_2)	
3. DISSOLVED OXYGEN (O_2)	
4. HYDROGEN SULFIDE (H_2S)	
5. CHLORINE DEMAND (Cl_2)	

~~FIELD ANALYSIS~~ BY: The temperature of the water at time of collection was 18°C.

DATE OF ANALYSIS:

II. SPECIAL LABORATORY ANALYSES

Check (X) individual items to be included in the Special Analyses. Request determination only of those substances suspected of being present in significant amounts.

(X)	ITEM	PPM
	1. As	
	2. Se	
	3. Pb	
	4. B	
	5. Cu	
	6. Zn	
	7. Cr (Hexavalent)	
X	8. PO_4	0.0
	9. Cd	
	10. CN	
	11. Phenolic Compounds (PPB)	
	12. Others (Specify)	
X	13. Aluminum (Al)	0.0
	14.	
	15.	
	16.	

III. ROUTINE LABORATORY ANALYSIS

(CHECK ONE)

X	REQUESTED		NOT REQUESTED

1. COLOR	Apparent	18.
	True	2.
2. TURBIDITY	settled	0.65
	shaken	5.3
3. ALKALINITY ($CaCO_3$)	P	MO
	0.0	102.
4. TOTAL HARDNESS ($CaCO_3$)		118.
(Ca & Mg) Hardness		114.6
5. NON-CARBONATE HARDNESS ($CaCO_3$) (By Computation)		16.
6. CARBONATE HARDNESS ($CaCO_3$) (By Computation)		102.
7. TOTAL DISSOLVED SOLIDS		—
8. SPECIFIC CONDUCTANCE (Micromhos)		220.

ITEM	PPM
9. CALCIUM (Ca)	42.5
10. MAGNESIUM (Mg)	2.1
11. SODIUM (Na) AND POTASSIUM (K) **	2.1
12. HYDROXIDE (OH)* (as $CaCO_3$)	0.0
13. BICARBONATE (HCO_3)* (as $CaCO_3$)	102.
14. CARBONATE (CO_3)* (as $CaCO_3$)	0.0
15. SULFATE (SO_4)	2.4
16. CHLORIDE (Cl)	12.
17. NITRATE (NO_3)	—
18. IRON (Fe) TOTAL	1.25
19. MAGANESE (Mn)	0.0
20. SILICA (SiO_2)	8.0
21. FLUORIDE (F)	0.0

*State whether determined or computed from P and MO alkalinity.

REMARKS (Such as unusual appearance, taste, odor, etc.) * Computed from P and MO alkalinity

** Computed

Note: At the time of analysis there was a small quantity of sediment in the bottom of the sample bottle. The pump discharge pressure was 30 psig.

LABORATORY ANALYSIS BY: George I. Earnest, Jr., Chemist

DATE OF ANALYSIS: 29 Feb. 1960

DD FORM 1 APR 53 710 REPLACES WD AGO FORM 8-125, 1 APR 45, WHICH MAY BE USED. GPO 912375

Analysis no. 9

PHYSICAL AND CHEMICAL ANALYSIS OF WATER

SAMPLE NO.

FROM: *(Station or unit)* well 25 HP

DATE 8-12-57

TO: *(Name and location of laboratory)*

SAMPLE FROM *(Location of sampling point)*

COLLECTED BY	DATE	HOUR	SOURCE *(Designate ground, surface, raw, treated)*
Shackelford	8-12-57		Raw

REASON FOR EXAMINATION

EXAMINATION REQUESTED BY

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

I. FIELD ANALYSIS

1. pH	TEMPERATURE °F	TEMPERATURE °C

ITEM	PPM
2. CARBON DIOXIDE (CO_2)	
3. DISSOLVED OXYGEN (O_2)	
4. HYDROGEN SULFIDE (H_2S)	
5. CHLORINE DEMAND (CI_2)	

FIELD ANALYSIS BY

DATE OF ANALYSIS

II. SPECIAL LABORATORY ANALYSES

Check (X) individual items to be included in the Special Analyses. Request determination only of those substances suspected of being present in significant amounts.

(X)	ITEM	PPM
	1. As	
	2. Se	
	3. Pb	
	4. B	
	5. Cu	
	6. Zn	
	7. Cr *(Hexavalent)*	
	8. PO	
	9. Cd	
	10. CN	
	11. Phenolic Compounds *(PPB)*	
	12. Others *(Specify)*	
	13.	
	14.	
	15.	
	16.	

III. ROUTINE LABORATORY ANALYSIS

(CHECK ONE)

	REQUESTED		NOT REQUESTED

ITEM	PPM
1. COLOR	
2. TURBIDITY	
3. ALKALINITY ($CaCO_3$)	
P: 0	MO: 95
4. TOTAL HARDNESS ($CaCO_3$)	102
5. NON-CARBONATE HARDNESS ($CaCO_3$) *(By Computation)*	
6. CARBONATE HARDNESS ($CaCO_3$) *(By Computation)*	
7. TOTAL DISSOLVED SOLIDS	
8. SPECIFIC CONDUCTANCE *(Micromhos)*	
9. CALCIUM (Ca)	39.2
10. MAGNESIUM (Mg)	1.2
11. SODIUM (Na) AND POTASSIUM (K)	
12. HYDROXIDE ~~(OH)~~* $CaCO_3$	0.0
13. BICARBONATE ~~(HCO_3)~~* $CaCO_3$	95.0
14. CARBONATE ~~(CO_3)~~* $CaCO_3$	0.0
15. SULFATE (SO_4)	
16. CHLORIDE (Cl)	12.0
17. NITRATE (NO_3)	
18. IRON (Fe) TOTAL	1.0
19. MAGANESE (Mn)	
20. SILICA (SiO_2)	
21. FLUORIDE (F)	

**State whether determined or computed from P and MO alkalinity.*

REMARKS *(Such as unusual appearance, taste, odor, etc.)*

LABORATORY ANALYSIS BY

DATE OF ANALYSIS

SER. # 23484

Well # B-HP

Date	Line Ft.	G.P.M.	D.D. El.	Static El.	Shut off Head	D.D. Ft.
4-53		160	-16.5'	-6		10.5'
9-15-53	81	225'	-22.5' Gage - 22. FT	—		16.5
2-11-54	79	175	-27	—	—	21.
7-14-54		-		Gage 62 FT		
7-27-54	—		Gage FT. 24	62		38
7-28-54	31. LB		28½	62		33½
11	27 LB	165	22	62		40
10-13-54				60		
11- -56	52 ft.	183	Gage. 24 ft	—		
2-1-57	21. lb.	190	Gage Reading 22 ft	Gage R. 59 ft		37 ft.
2-4-57	—	167	—	—		—
8-11-69		30		56'		
9-19-69	Well pulled and cleaned					
9-4-69		128	-24'	+9'		33'
	Ph. alk.	mo. alk	Chlorides	Iron	hardness	
1-13-55	0	97	11	0.7	98	

9-19-69 — PULLED + CLEANED

as of March 1/67 / Layne pump and cleaned 7-26-54

WELL SETTING

4-1-60 72.0 THOMAS — 45.5 LOWER EL AIR LINE.

Air Line

231
34
924
693
7854