TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Glen Rose Lmst. Field No. A-10 State Well No. 32-04

Owner's Well No. County TARRANT

1. Location: ___ 1/4, ___ 1/4 Sec. ___, Block ___ Survey ___

2. Owner: H.E. BOYD Address: ___

Tenant: ___ Address: ___

Driller: MILNER SUPPLY CO. Address: ___

3. Elevation of LSD is 720 ft. above msl, determined by ___

4. Drilled: SEPT. 19 50; Dug, Cable Tool, Rotary, ___

5. Depth: Rept. 340 ft. Meas. ___ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed ___

7. Pump: Mfgr. ___ Type Cyl

No. Stages ___, Bowls Diam. ___ in., Setting ___ ft.

Column Diam. ___ in., Length Tailpipe ___ ft.

8. Motor: Fuel elect Make & Model ___ HP. 3/4

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___

10. Performance Test: Date ___ Length of Test ___ Made by ___

Static Level ___ ft. Pumping Level ___ ft. Drawdown ___ ft.

Production ___ gpm Specific Capacity ___ gpm/ft.

CASING & BLANK

Cemented From ___ ft. to ___ ft.

Diam. (in.)	Type	Setting, ft. from	to
4		0	340

11. Water Level: 60 ft. (rept.) meas. 9 19 50 above/below ___ which is ___ ft. above/below surface.

___ ft. rept./meas. ___ 19 ___ above/below ___ which is ___ ft. above/below surface.

___ ft. rept./meas. ___ 19 ___ above/below ___ which is ___ ft. above/below surface.

___ ft. rept./meas. ___ 19 ___ above/below ___ which is ___ ft. above/below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, ___

13. Quality: (Remarks on taste, odor, color, etc.) ___

Temp. — °F, Date sampled for analysis 11-1-50 Laboratory U.S.G.S.

Temp. ___ °F, Date sampled for analysis ___ Laboratory ___

Temp. ___ °F, Date sampled for analysis ___ Laboratory ___

14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log,

Formation Samples, Pumping Test, ___

15. Record by: P. NORDSTROM Date 2-3 1976

Source of Data ___

16. Remarks: ___

WELL SCREEN

Screen Openings ___

Diam. (in.)	Type	Setting, ft. from	to

TWDBE-WD-2 (Sketch) 32-04-501

Thickness	Depth	Formation
4	4	Top soil
22	26	Brown sand
1	27	Rock
6	33	Blue shale
8	41	Sandy shale
2	43	Sand
2	45	Sandy shale
31	76	Sand
8	84	Water sand
20	104	Sandy shale
2	106	White limestone
8	114	Sandy gray shale
12	126	Dark gray shale
35	161	Gray limestone with shale
2	163	Sand
17	180	Gray limestone
15	195	Dark blue shale
20	215	Limestone
4	219	Blue shale
5	224	Limestone
5	229	Dark blue shale
4	233	Limestone
5	238	Dark blue shale
15	253	Sandy shale
9	262	Very fine water sand
13	275	Sandy green shale
3	278	Very fine sand
27	305	Sandy gray shale
22	327	Sandy dark shale
11	338	Sand w/sandy shale
2	340	Red shale

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ballpoint pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TWDBE-GW ONLY

Program No. _____

Proj. No. 6025

CHEMICAL WATER ANALYSIS REPORT

County 220 TARRANT

State Well No. 32-04-501

Well No. _____

Date Collected 08-04-76

By Gene DAVIS

Send report to:

Ground Water Data and Protection Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

Location _____

Source (type of well) Cly - Elect Owner R.J. BROWN

Date Drilled Sept 1950 Depth 340 ft. WBF Glen Rose

Producing intervals _____ Water level _____ ft.

Sampled after pumping 1/4 hrs. Yield 5 GPM Temperature 071 °F ___ °C

Point of collection Tap at Well Appearance ☑ clear ☐ turbid ☐ colored ☐ other

Use Stock Remarks Send Copy To: R.J. BROWN, P.O. Box 734, AZle, TEXAS

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS **KEY PUNCHED** OCT. 12 1976

Laboratory No. 318192 Date Received AUG 11 1976 Date Reported _____

	MG/L	ME/L
Silica	14	
Calcium	142	7.09
Magnesium	42	3.42
Sodium	72	3.12
Total		13.63
☐ Potassium	.	
☐ Manganese	.	
☐ Boron	.	
3/ ☐ Total Iron	.	
☐ (other) _____	MG/L	

%Na _____

SAR _____

RSC _____

Specific Conductance (micromhos/cm³) 1220

Diluted Conductance (micromhos/cm³) 10x150 1500

"☐" items will be analyzed if checked.

	MG/L	ME/L
Carbonate	168	0
Bicarbonate	342	5.60
Sulfate	195	4.06
Chloride	137	3.85
Fluoride	0.1	
Nitrate	3.5	
pH	7.8	
Total		13.51
1/ Dissolved Solids (sum in MG/L)		770
Phenolphthalein Alkalinity as C aCO₃		0
Total Alkalinity as C aCO₃	(5.60)	280
Total Hardness as C aCO₃	(10.51)	530
2/ Nitrogen Cycle		
Ammonia - N		
Nitrite - N		
Nitrate - N		
Organic Nitrogen		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

2/ Nitrogen cycle requires separate sample.

3/ Total iron requires separate sample.

Analyst _____ Checked By _____

TWDBE-WD-1 (Rev. 2-17-76)

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

~~Texas State Department of Health Laboratories~~
~~1100 West 49th Street~~
~~Austin, Texas 78756~~
U.S.G.S.

TWDBE-GW ONLY

Program No. _____

Proj. No. _____

CHEMICAL WATER ANALYSIS REPORT

County XU TARRANT

State Well No. 32-04-501

Well No. _____

Date Collected 11-01-50

By _____

Send report to:

Ground Water Data and Protection Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

Location _____

Source (type of well) Cyl Elec Owner H.E. BOYD

Date Drilled 9-50 Depth 340 ft. WBF KGR

Producing intervals _____ Water level 60 ft.

Sampled after pumping _____ hrs. Yield _____ GPM meas. est. Temperature ___ °F ___ °C

Point of collection well Appearance ☐ clear ☐ turbid ☐ colored ☐ other

Use Dom Remarks _____

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. _____ Date Received _____ Date Reported _____

	MG/L	ME/L
Silica	11	
Calcium	6	
Magnesium	2	
Sodium	413	
Total		
☐ Potassium		
☐ Manganese		
☐ Boron		
3/ ☐ Total Iron		
☐ (other) _____ MG/L		

%Na 98

SAR _____

RSC _____

Specific Conductance (micromhos/cm³) 1740

Diluted Conductance (micromhos/cm³) X

"☐" items will be analyzed if checked.

	MG/L	ME/L
Carbonate		
Bicarbonate	780	
Sulfate	91	
Chloride	129	
Fluoride		
Nitrate	3.5	
pH	8.7	
Total		
1/ Dissolved Solids (sum in MG/L)	1040	
Phenolphthalein Alkalinity as $CaCO_3$		
Total Alkalinity as $CaCO_3$		
Total Hardness as $CaCO_3$	22	
2/ Nitrogen Cycle		
Ammonia - N		
Nitrite - N		
Nitrate - N		
Organic Nitrogen		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.
2/ Nitrogen cycle requires separate sample.
3/ Total Iron requires separate sample.

Analyst _____ Checked By _____

TWDBE-WD-1 (Rev. 1-25-72)