

TEXAS WATER COMMISSION

WELL SCHEDULE

Aquifer Hosston

Field No. H-66 (E-log)

State Well No. 39-17-701

Owner's Well No. #1 Axtell

County Murray Co

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

2. Owner: Axtell Water Supply Co Address: Axtell, Texas

Tenant: Mr. Booth (Board Member) Address: High School Teacher

Driller: J.L. Myers & Sons Address: Wanton, Texas

3. Elevation of 1sd is 528 ft. above msl, determined by U.S.G.S. 1960

4. Drilled: Apr. 19 59; Dug, Cable Tool (Rotary)

5. Depth: Rept. 3129 ft. Meas. _____ ft.

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

7. Pump: Mfr. Jacuzzi Type Forbine

No. Stages _____, Bowls Diam. _____ in., Setting 150 ft. Sub

Column Diam. _____ in., Length Tailpipe 300 ft.

8. Motor: Fuel electric Make & Model _____ HP. 20

9. Yield: Flow _____ gpm, Pump 131 gpm, Meas., (Rept., Est.)

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

Static Level _____ ft. Pumping Level _____ ft. Drawdown 116 ft.

Production 210 gpm Specific Capacity _____ gpm/ft.

11. Water Level: 9.67 ft. Apr. 19 59 above ground level which is _____ ft. above surface.

82 ft. 3-17-1965 below 1sd (airline) which is _____ ft. below surface.

52 ft. 3-15-1966 below 1sd (airline) which is _____ ft. above surface.

80.10 ft. 4-19 1967 above M.P. (Hole in Pump Base where Air-line enters the well) which is 1.5 ft. 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 11-1-61 Laboratory TSHD

Temp. _____ °F, Date sampled for analysis 1-72 Laboratory TSHD

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

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log H-66

Formation Samples, Pumping Test

15. Record by: D. Thompson Date 3-17-1965

Source of Data R. Cashran

16. Remarks: 56' sd - H. Holloway

150 airline

68 gauge reading

82 pumping level (3-17-65)

Obs Well

97'00 (W) 1.65 mi

31'45 (W) 6.25 mi

Q-10

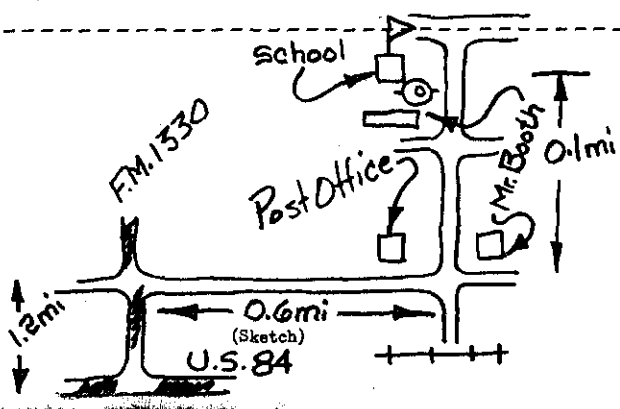
SC obs well

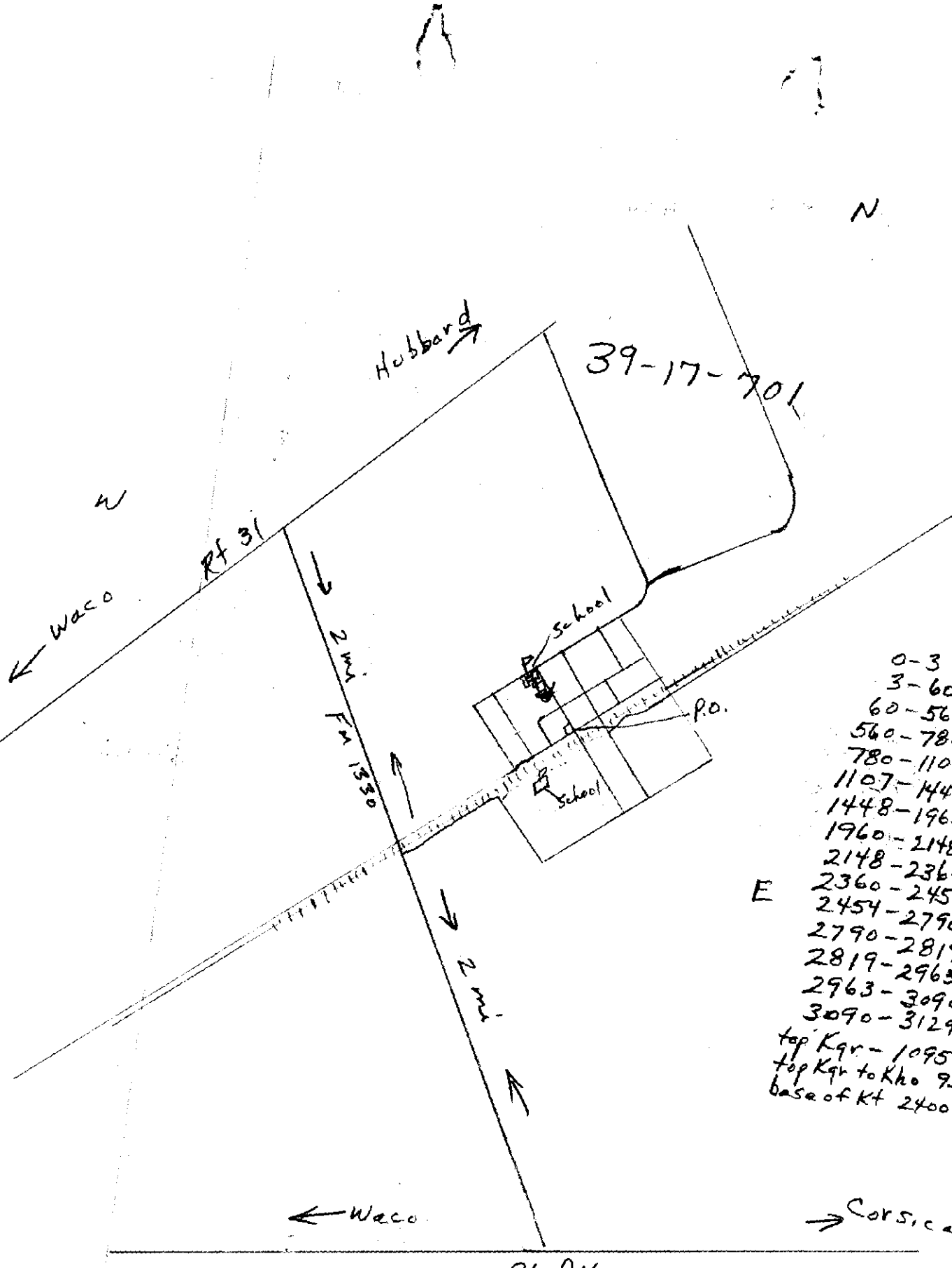
3917701 ✓

Form B-4 (62-1)

CASING & BLANK PIPE			
Cemented From _____ ft. to _____ ft.		Setting, ft.	
Diam. (in.)	Type	from	to
12"	surf csq	0	63
8 7/8"	OD csq	0	910
5 1/2"	OD csq	910	2933
5 1/2"	OD csq	2933	3051
5 1/2"	OD blank	3051	3129

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	from	to
5 1/2"	Perf. Pipe	2933	3051





- 0-3 - Surf. soil
- 3-60 - clay
- 60-560 - Sh.
- 560-780 - Chalk pk.
- 780-1107 - Sh.
- 1107-1448 - sdy. lime
- 1448-1960 - brkn. lime
- 1960-2148 - sdy. lime
- 2148-2360 - lime
- E 2360-2454 - sdy. lime
- 2454-2790 - brkn. lime
- 2790-2819 - red bed sh.
- 2819-2963 - Sh.
- 2963-3090 - sd.
- 3090-3129 - Sh.
- top Kqr - 1095 elev.
- top Kqr to Kho 930'
- base of Kt 2400 elev.

5

Rt. 84

39-17-701

Hubbard

Rt 31

2 mi
Fm 1530

School

P.O.

School

Waco

Corsicana

W

N

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 12-15, 1960 CR 7 ST-3917701

MISCELLANEOUS FIELD NOTES

Artell McLennan

- 3 3 surface soil
- 57 60 Clay
- 500 560 shale
- 220 780 Chalk Rock
- 327 1107 shale
- 341 1448 sandy lime
- 512 1960 Broken lime
- 188 2148 sandy lime
- 212 2360 lime
- 94 2454 sandy lime
- 336 2790 Broken lime
- 29 2819 Red bed and shale
- 146 2963 shale
- 125 3090 sand
- 39 3129 shale

Top Glen Rose - 1095 elev
 Top Glen Rose to top Houston 930' ft
 Top Houston - 2400 elev