HEARN ENGINEERING, INC.

2101 N. Mays • Round Rock, Texas 78664 • Telephone (512) 310-0176 • FAX (512) 244-7316

March 11, 2003

Dickie Smethers
AquaSource Utility, Inc.
9450 Silver Creek
Ft. Worth, TX 76108

RE: Public Water System
Lake Country Acres, PWS # 1110059
Well Completion Information
Hood County, Texas

Dear Gentlemen:

The attached information is based on an intensive search of records at the Texas Commission on Environmental Quality and the Texas Water Development Board, along with a records search by AquaSource. We were unable to locate any well information for Well #1.

If you should have any questions please contact me at (512) 310-0176.

Sincerely,

(b) (6) [redacted]

Douglas Hearn, P.E., R.P.L.S.

WELL COMPLETION INFORMATION
LAKE COUNTRY ACRES WELL #2

Well # 3226602: Page 3

32-26-6

Send original copy by certified mail to the Texas Department of Water Resources P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board P.O. Box 13087 Austin, Texas 78711

1) OWNER Hood County Water (Name) Address P.O. BOX 303 (Street or RFD) Granbury (City) Tex. (State) 76048 (Zip)

2) LOCATION OF WELL: County ~~Hood~~ Parker miles in 6 n (N.E., S.W., etc.) direction from Granbury (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal Description: Section No. ____ Block No. ____ Township ____ Abstract No. ____ Survey Name ____ Distance and direction from two intersecting section or survey lines ____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG: Date drilled 1-14-86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
11	Surface	385

From (ft.)	To (ft.)	Description and color of formation material
0-4		Top soil caliche
4-5		rock
~~5-20~~		~~Gummy yellow clay~~
20-30		blue clay
30-245		rock lime
~~245-255~~		~~Sandy clay sand -coal-tar sand~~
255-265		lime rock
~~265-270~~		~~red blue caly mixed~~
~~270-300~~		~~Sand sandy light blue clay~~
		sand rock little red caly
300-305		lime rock
~~300-385~~		~~blue-white-red-sandy caly rock~~
		~~streaked with fine sand~~

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other ____ If Gravel Packed give interval . . . from 250 ft. to 385 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
7"	n	steel	0-385		
7"	n	torch slotted	270-300		
			355-385		

CEMENTING DATA: Cemented from 0 ft. to 250 ft. Method used pumped Cemented by G.W. Wolf (Company or Individual)

9) WATER LEVEL: Static level 235 ft. below land surface Date 1-20-86 Artesian flow ____ gpm. Date ____

10) PACKERS: Type ____ Depth ____

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other ____ Depth to pump bowls, cylinder, jet, etc., ____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☒ Bailer ☐ Jetted ☐ Estimated Yield: 40 gpm with 5 ft. drawdown after 1 hrs.

Well #2

RECEIVED FEB 11 1986 TEXAS WATER COMMISSION

(Use reverse side if necessary)

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No (If yes, submit "REPORT OF UNDESIRABLE WATER") Type of water? ____ Depth of strata ____ Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME WOLF DRILLING CO. (Type or Print) Water Well Driller's License No. ~~XX~~

ADDRESS P.O. BOX 52 (Street or RFD) Stephenville (City) Texas (State) 76401 (Zip)

(Signed) [redacted] (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

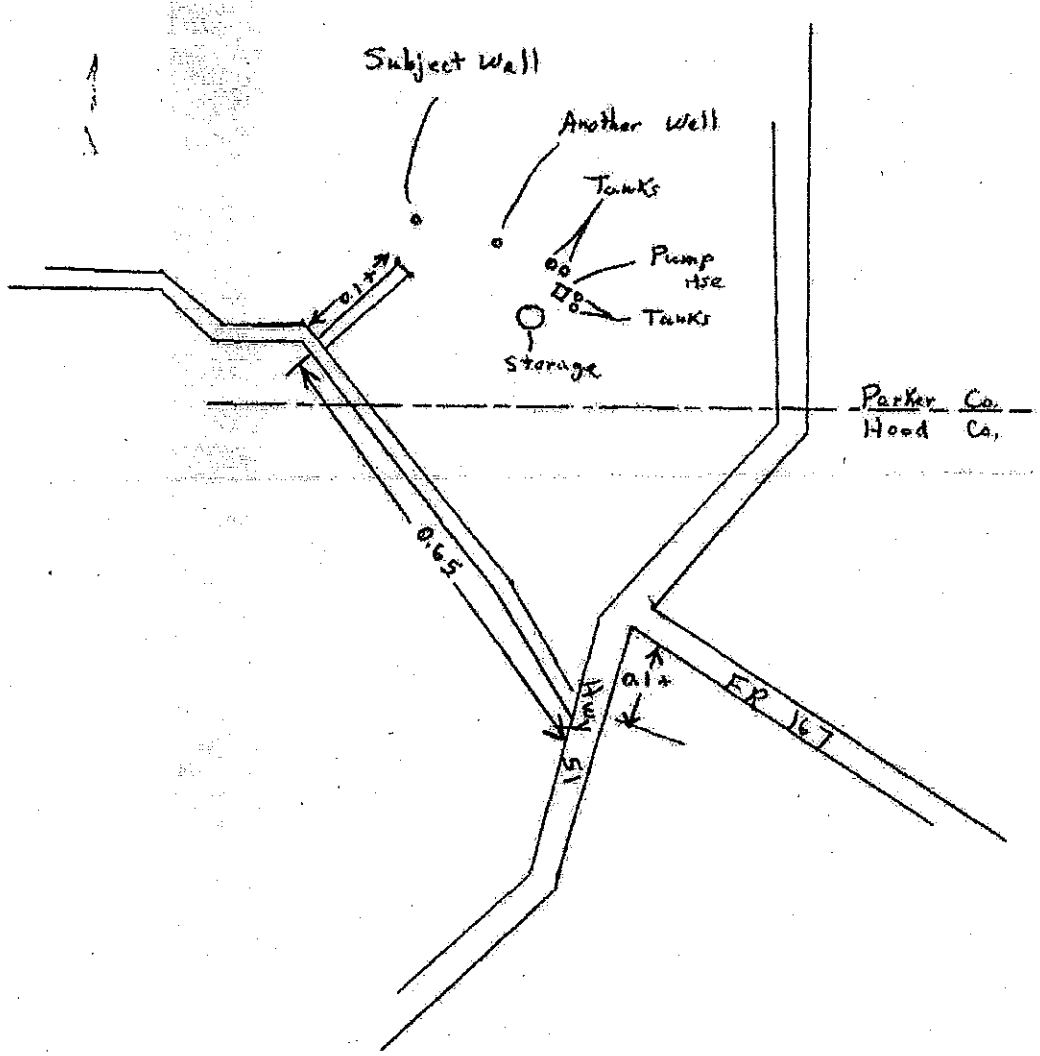
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 32-26-6 Located on map ____

TDWR-0292 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

32-26-602

Well # 3226602: Page 2



Well # 3226602: Page 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer(s) Trinity (Glen Rose) Project No. _____ State Well No. 32-26-602

Field No./Owner's Well No. _____ County Parker

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. 32-31-10 N, Long. 097-46-05 W

2. Owner: Hood County Water Supply Address: P.O. Box 203 Granbury, TX 76048

Tenant (other): _____ Address: _____

Driller: Wolf Drilling Co. Address: P.O. Box 52 Stephenville, TX 76401

3. Land Surface Elevation: 850 ft. above msl determined by Topo

4. Drilled: 01/14/ 19 86 ; Dug, Cable Tool, (Rotary), Air, _____

5. Depth: Rept. 385 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, (Gravel Packed)

7. Pump: Mfr. _____ Type Sub m

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

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

8. Motor: Mfr. _____ Fuel Elec HP. ___

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

10. Performance Test: Date ___ Length of Test 1 hr. Made by Driller

Static Level 235 ft. Pumping Level 240 ft. Drawdown 5 ft.

Production 40 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, (Drillers Log), Formation Samples, Geophysical Log(s) _____

CASING, BLANK PIPE & WELL SCREEN Cemented From 0 ft. to 250 ft.			
Diam. (in.)	Type	Setting (feet) From	to
7	Steel	+1.50	385
7	Slotted	270	300
		355	385

13. Water Level(s): 235.00 ft. (Rept.) meas. 01/20/ 1986 above (below) L.S.D which is ___ ft. above (below) Land Surface

235.88 ft. (Rept.) meas. 02/14/ 1986 above (below) Top of CSG which is 1.5 ft. above (below) Land Surface

14. Use: Dom., Stock, (Public Supply), Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: D. R. Jones Source of data: D. log, Mr. Land, Obs Date: 02/14/86

16. Remarks: Well is equipped with airline & gauge. Albert Land is Mgr. of Hood County Water & is located at intersection of S. Morgan & Peach St. Phone # is (817) 573-2477

17. Location or Sketch:

TWDB-0308 (Rev. 12-11-85)

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 32-26-602

Well # 3226602: Page 4

TEXAS WATER DEVELOPMENT BOARD

Sample Number 1028

Well Number 32-26-602 Date/Time 8-24-1994 09:30

County PARKER Collected by John ASENSIO

Owner's Name LAKE COUNTRY ACRES well #2

Address % HOOD COUNTY WATER CO. P.O. BOX 906 GRANBURY TX 76048

Date Drilled _____ Depth _____ Yield _____

Use PUBLIC SUPPLY Send Copy to Owner: ✓ Yes ____ No

Collection Point faucet on well After Pumping POP Hours

pH 8.47 Eh _____ Spec. Cond. 4,030 µmhos/cm Temp 23.0 °C

Field Alkalinity: Phenol 60 mg/l Total 340.0 mg/l

Date Analyzed: 9-29-94 Analyst Robert Ozmon

Silica		mg/l
Calcium	0.9	mg/l
Magnesium	0.6	mg/l
Sodium (calculated)		mg/l
Potassium		mg/l
Sulfate	35.0	mg/l
Chloride	22.5	mg/l
Fluoride		mg/l
Nitrate (as N)		mg/l
Iron (01046)		µg/l
Orthophosphate (as P) (00671)		mg/l

Results from the Ground Water Monitoring Unit, Texas Water Development Board, P.O. Box 13231, Austin, TX 78711.