TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s)_____ Project No._____ State Well No. 20-47-601

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

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: CATHY SPARKS Address: Rt. 1, Box 247, JACKSBORO

Tenant (other): _____ Address: _____

Driller: Anderson Drilling Address: _____

3. Land Surface Elevation: 1600 ft. above msl determined by TOPO

4. Drilled: _____ 19 80 ; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 100 ft. Meas. _____ ft.

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

7. Pump: Mfr. _____ Type Subm

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

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

8. Motor: Mfr. _____ Fuel elect HP. ____

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

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

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

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

Analyses

Date 8-5-82 Laboratory TSDH 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) _____ (type)

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ which is ____ ft. above below Land Surface

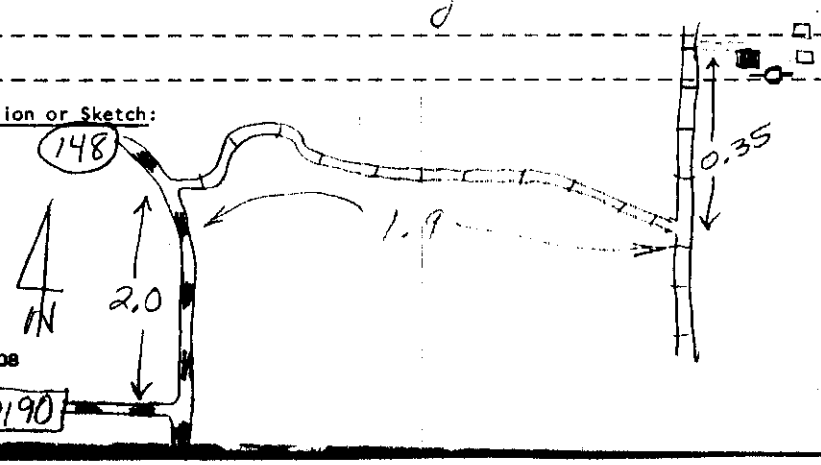
_____ ft. rept. meas. _____ 19 ___ above below _____ which is ____ ft. above below Land Surface

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

15. Recorded by: P. Nordstrom Source of data: owner obs Date: 8-5-82

16. Remarks: Not for drinking

17. Location or Sketch:



RECEIVED AUG 13 1982 CR/TD...

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

State Well No. 20-47-601

TDWR-0308

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

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

SEP 13 1982

SEP 1 0 1982

TDWR ONLY
Organization No. 410 Lab No.
Work No. 6040

CHEMICAL WATER ANALYSIS REPORT

County 119 JACK

Send report to:

Data Collection and Evaluation Section
Texas Department of Water Resources
P.O. Box 13087
Austin, Texas 78711

State Well No. 20-47-601

Well No.

Date Collected 08-05-82

Location

Sample No. By P. Nordstrom

Source (type of well) Subm Elec Owner Cathy Sparks, Rt 1, Box 247, Jacksboro

Date Drilled 1980 Depth 100 ft. WBF Rath/Cisco-042

Producing intervals Water level ft. Sample depth ft.

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

Point of collection hydrant at pump house Appearance ☐ clear ☐ turbid ☐ colored ☐ other

Use Dom/stock Remarks Send copy to owner --- not for drinking

X 19

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS KEY PUNCHED AUG 31 '82

Laboratory No. CE2-13425 Date Received AUG 10 1982 Date Reported

		MG/L	ME/L
Silica	00955	10	
Calcium	00915	20	1.02
Magnesium	00925	7	0.56
Sodium	00929	1189	51.7
Total			53.27
☐ Potassium	00937		
[3] ☐ Manganese	01055		
☐ Boron	01022		
[3] ☐ Total Iron	01045		
☐ (other)		MG/L	

%Na

SAR

RSC

		MG/L	ME/L
Carbonate	00445	0	0
Bicarbonate 265	00440	539	8.84
Sulfate	00945	451	9.40
Chloride	00940	1275	35.95
Fluoride	00951	2.5	0.13
Nitrate	71850	0.27	0
pH	00403	8.3	
Total			54.32
[1] Dissolved Solids (residue at 180°C)	70300		3120
Phenolphthalein Alkalinity as C aCO3	00415		0
Total Alkalinity as C aCO3 (8.84)	00410		442
Total Hardness as C aCO3 (1.58)	00900		79
[2] Nitrogen Cycle			
Ammonia - N	00610		
Nitrite - N	00615		
Nitrate - N	00620		
Organic Nitrogen	00605		

Specific Conductance (micromhos/cm³) 00095 3440

Diluted Conductance (micromhos/cm³) 41 x 153 = 6273

"☐" items will be analyzed if checked.

[1] The bicarbonate reported in this analysis can be converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure used in the computation of dissolved solids.
[2] Nitrogen cycle requires separate sample.
[3] Total Iron and Manganese require separate sample.

Analyst Checked By

TDWR-0148 (Rev. 1-8-80)