9-185—July 193
Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

WELL SCHEDULE

Date 1-23 8-9-63, 1963 Field No.

Record by Lettman Air Office No.

Source of data [redacted]

1. *Location:* State Texas County Gaines

Map

¼ ¼ sec. [redacted] T [redacted] N S R [redacted] E W

2. *Owner:* [redacted] Address [redacted]

Tenant Address

Driller J. H. Flippo Address Seagraves, Tex.

3. *Topography* [redacted]

4. *Elevation* 3245 E ft. above below

5. *Type:* Dug, drilled, driven, bored, jetted 1958

6. *Depth:* Rept. 250 ft. Meas. ft.

7. *Casing:* Diam. 16 in., to in., Type

Depth 250 ft., Finish

8. *Chief Aquifer* From ft. to ft.

Others

9. *Water level* 53.70 ft. rept. meas. 1-28 1964 above below Hole

is P. Base which is 1.10 ft. above below surface

10. *Pump:* Type T Capacity 8 G. M.

Power: Kind Ng Horsepower

11. *Yield:* Flow G. M., Pump G. M., Meas., Rept. Est.

Drawdown ft. after hours pumping G. M.

12. *Use:* Dom., Stock, PS., RR., Ind., Irr. Obs.

Adequacy, permanence

13. *Quality* Temp 65 °F.

Taste, odor, color Sample Yes No 8-9-63

Unfit for

14. *Remarks:* (Log, Analyses, etc.)

Form B-5 (62-1)

CHEMICAL WATER ANALYSIS REPORT

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 5, Texas

Send report to:

Ground Water Division
Texas Water Commission
P. O. Box 2311
Capitol Station
Austin 11, Texas

COUNTY Gaines KD

State Well No. [redacted]

Well No.

Date Collected 8-9-63

By [illegible]

Location [redacted]

Source (type of well) Drilled Owner [redacted]

Date Drilled 1958 Depth 200 ft. WS? [redacted]

Producing intervals Water level ft.

Sampled after pumping [illegible] hrs. Yield P meas. est. Temperature 65 °F

Point of collection Faucet at pump Appearance

(clear) - turbid - colored

Use Dom Remarks [illegible]

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

Laboratory No. 46284 Date Received Date Reported 9-25-63

	PPM	EPM		PPM	EPM
Silica	47		Carbonate		0
Calcium	44	2.20	Bicarbonate	168 ~~342~~	5.60
Magnesium	94	9.72	Sulfate	242	5.04
Sodium	168	4.68	Chloride	129	3.63
	Total	14.60	Fluoride	5.2	0.27
☐ Potassium			Nitrate	3	
☐ Manganese				Total	14.54
☐ Boron		%Na	pH	7.6	
☐ Total Iron		SAR 2.1	Dissolved Solids (sum)		~~1570~~ 840
☐ (other)		RSC	Phenolphthalein Alkalinity as $CaCO_3$		0
Specific Conductance (micromhos/cm³)		1330	Total Alkalinity as $CaCO_3$	(5.60)	280
Diluted Conductance (micromhos/cm³)		6 x 259	Total Hardness as $CaCO_3$	(9.92)	496

2.20
7.72
2) 9.92 496

4.68 : 2.1
2.23

"☐" items will be analyzed if checked.

Total Iron requires separate sample.

Analyst

Checked by RL