REPORT OF DRILLED WELL

HEART OF DIXIE WELL DRILLING-373-RT2, BOX14C,ALPINE, AL. 35014 — 3/3/90

DRILLING CONTRACTOR | License Number | Address | Zip Code | Date

Ed. Needha — Childersburg, AL. — 35144

PROPERTY OWNER | Address (mailing) | Zip Code

Childersburg — Talladega — 28 — T20S — R2E

WELL LOCATION | County | Section | ¼ Section | Township | Range ——or:

About 1 1/2 Out Childersburg- HWY 8-Turn right on 98

Distance and direction from nearest town, community, road junction or other reference point

WELL WILL BE USED FOR: [X] Private supply [ ] Public supply [ ] Industrial supply [ ] Test well [ ] Irrigation Other: _____

3/3/90 Estimated starting date

Drilling method: (check) Cable tool, Rotary, Jetted, Bored — Rotary

Other: _____

5in. Diameter of well

130ft. Estimated depth

Hugh Smith Jr.
SIGNATURE of Drilling Contractor

Total Depth 155ft.

Completion Date 3/5/90

Interval	Description of cuttings	Interval	Description of cuttings
	Rock		

Completion date: report depths below ground level

Pump
Type: [ ] Turb. [ ] Subm. [ ] Jet [ ] Cyl.; Other: _____
Intake depth _____ H.P. _____ Yield _____ gpm

Capacity
Tested by: [ ] pumping [X] air lift [ ] bailer [ ] none
Measured Static Water Level _____ ft.
Measured pumping level _____ ft. after
_____ hrs. pumping _____ gpm
Development time prior to testing _____ hrs.

Finish
[ ] Open hole [ ] Screened [ ] Slotted pipe [ ] Gravel pk.
Interval(s) screened: _____ to _____ ft;
_____ to _____ ; _____ to _____ ft.
Packer(s) set at _____ and _____ ft.
Screen: diam. _____ ; Size openings _____

Casing

Interval cased	Diam. (Inches)	*Type pipe	*Type couplings	Interval grouted
42ft.	5in.	PVC	GLUE	YES

*Couplings: Threaded & Coupled (T&C) Welded (W)
Threaded & coupled & welded (TC&W)

Other: _____

*Pipe: Black; PVC; Galv.; Other: _____

Quality
Water analysis obtained? (check) [ ] No [ ] Bacteriological [ ] Chemical

Analysis by: [ ] Ala Geol. Surv. [ ] U.S. Geol. Surv. [ ] Ala Health Dept. [ ] Private lab.

Signed: Hugh Smith Jr.

*For deeper well please attach continuation sheet.

ADEM Form 60 1/83

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date Dec 18, 1962 Field No. U-2

Record by LVC Office No. 2

Source of data

1. *Location:* State Alabama County Talladega
   Map 7½' Childersburg Quad-Harpersville
   SE ¼ NE ¼ sec. 35 T 20 N/S R 2 E/W
2. *Owner:* Brannon Knight Address RFD Childersburg.
   Tenant Address
   Driller M.T. Coleman Address Sylacauga Ala.
3. *Topography* Hillside
4. *Elevation* 498 ft. above/below MSL
5. *Type:* Dug, drilled, driven, bored, jetted 1954
6. *Depth:* Rept. ft. Meas. ft.
7. *Casing:* Diam. 6 in., to 6 in., Type Galv. Steel
   Depth ft., Finish
8. *Chief Aquifer* Chert From ft. to ft.
   Others
9. *Water level* 79.19 ft. rept./meas. 12-18 1962 above/below MSL
   which is 1.0 ft. above/below surface
10. *Pump:* Type Jet Capacity G. M.
    Power: Kind Electric Horsepower 1
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. 1 House (5)
    Adequacy, permanence good
13. *Quality* Temp NA °F.
    Taste, odor, color None Clear Sample Yes/No 12-18-62
    Unfit for
14. *Remarks:* (Log, Analyses, etc.)

	0
35	

40.00
2.23
80.77
79.77

U. S. GOVERNMENT PRINTING OFFICE 16-62807-1

WLM 2-4-86
PKM

Smpl

U.S.G.S.-WRD
Form GW
Well No. U-2

Location SE 1/4, NE 1/4, Sec. 35, T20S, R2E

Source (type of well)

Owner Brannon Knight

Date drld Depth Unk. ft

WBF CHERT

Producing Intervals

Water level ft

Sampled after pumping GPM

Yield

Pt of coll. Inside house

Appearance

Temp (°F) Use Dom.

Collector LVC

Chemist Gaydos

Date completed 2/18/63

Checked by Duncan

Date transmitted

ANALYTICAL STATEMENT

COUNTY Talladega

LAB NO. Ala. 0684

Date of collection 12-18-62

Ignition Loss

Dissolved Solids:

Calculated (sum)

Residue at 180°C

Tons per acre foot

Hardness as $CaCO_3$ 155

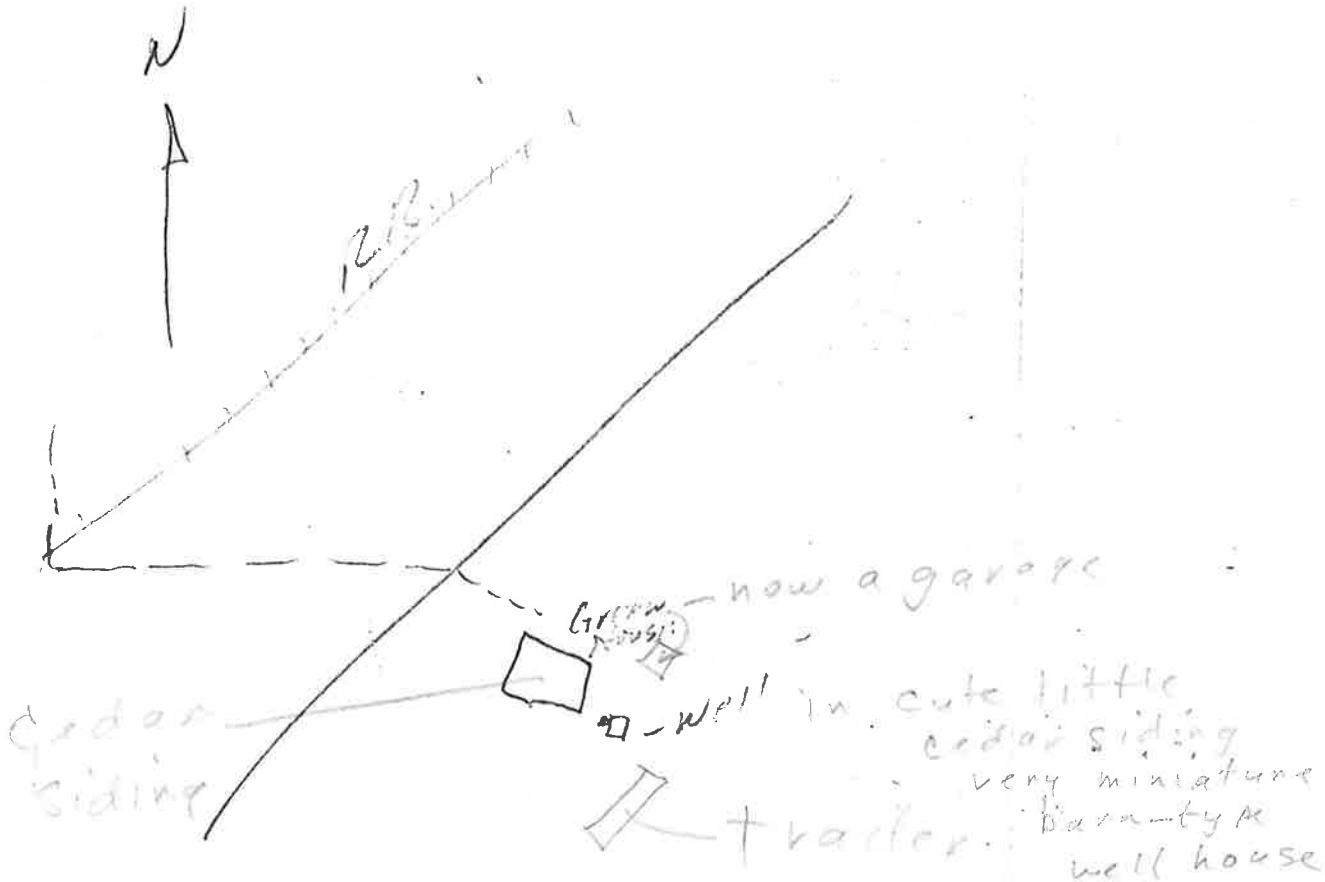
N.C. hardness

% Na SAR RSC

Specific conductance (micromhos at 25°C) 296

pH 7.6 Color

	epm	ppm
SiO_2		
Fe		
Fe (total)		
Ca		
Mg		
Na		
K		
Na + K		
HCO_3		173
CO_3		0
SO_4		
Cl		2.3
F		
NO_3		


N
now a garage
Cedar Siding
well
in cute little cedar siding very miniature barn-type well house
trailer

Lab No. 602050-E

GEOLOGICAL SURVEY OF ALABAMA
GEOCHEMISTRY WATER LABORATORY

Project

Well owner / Station name: Brannon Knight U-2

County: Talladega.

DATA CARD[b] Type: 2 (1)

Station identification number (2–16):

Date of collection Yr. Mo. D (17–22): 86 02 04

Time of measurement (29–32): 1100

Latitude

Longitude

T ___ R ___ Sec. ___

___ ¼ ___ ¼ ___ ¼

b. Duplicate card columns 1-32 for each data card.

Collected by: PHM

Comment:

Appearance: clear turbid very turbid

Ground Water ✓

Sampling Point

Surface Water

Depth of Well ___ ft.

Treatment: ( ) HNO_3 ( ) Raw ( ) H_2SO_4 ( ) Fil ( ) Iced

GEOLOGIC UNIT (33–41): G

	Parameter code	Value	Exp.	Rmk
Specific Conductance umhos/cm 25°C	00095	320	03	
Water Temperature °C	00010	17	02	
Depth (ft)	72008			
Instantaneous Flow (cfs)	00061			
Dissolved Oxygen (mg/l)	00300			
Color (Pt-Co units)	00080			
Turbidity (jtu)	00070			
Silica dissolved SiO_2 (mg/l)	00955	72	01	
Calcium dissolved Ca (mg/l)	00915	37	02	
Magnesium dissolved Mg (mg/l)	00925	19	02	
Sodium dissolved Na (mg/l)	00930	16	01	
Potassium dissolved K (mg/l)	00935	3	00	
Dissolved solids (calc. solids sum) (mg/l)	70301	176	03	
Total suspended solids (mg/l)	70299			

	Parameter code	Value	Exp.	Rmk
pH Field ___ Lab ___	00400	7.8	01	
Bicarbonate 9.3 ml Acid HCO_3 (mg/l)	00440	190	03	
Carbonate ___ ml Acid CO_3 (mg/l)	00445	0	00	
Alkalinity as $CaCO_3$ (mg/l)	00410	160	03	
Acidity H (mg/l)	71825			
Sulfate dissolved SO_4 (mg/l)	00945	12	02	
Chloride dissolved Cl (mg/l)	00940	22	01	
Fluoride dissolved F (mg/l)	00950	~~0.2~~ 20	~~00~~ -1	~~1~~
Nitrate - Nitrite dissolved $NO_3 + NO_2$ as N (mg/l)	71851	77	00	
Nitrite dissolved NO_2 as N (mg/l)	00618	0	00	U
Nitrate dissolved NO_3 as N (mg/l)	00630	77	00	
Nitrate dissolved NO_3 (mg/l)	00613	34	01	

Date logged in

Date Begun

Date finished 6/11/86

Analysts

Checker

Reviewer

Transmitted

Date

To Whom

	me/l		me/l
Ca	1.35	HCO_3	3.11
Mg	1.56	CO_3	0.00
Sr	•	SO_4	0.25
TH	3.41	Cl	0.06
Na	0.07	F	0.00
K	0.01	NO_3	0.05
H	•	OH	•
	•		•
	•		•
Sum	3.49	Sum	3.47
% error	0.3	Total of Sum	6.96

Lab No. 602050-E Date

	Parameter code	Value	Exp.	Rmk
Dissolved solids at 180°C (mg/l)	70300			
Carbon Dioxide CO_2 (mg/l)	00405			
Ammonia dissolved NH_3 as N (mg/l)	00610			U
Total Kjeldahl Nitrogen dissolved TKN as N (mg/l)	00625	2	-1	
Total Phosphate dissolved as P (mg/l)	00665			4
Ortho Phosphate dissolved as P (mg/l)	00671			4
Hardness as $CaCO_3$ (mg/l)	00900	170	03	
Noncarbonate Hardness (mg/l)	00902			

	Parameter code	Value	Exp.	Rmk
Aluminum dissolved Al (ug/l)	01106			
Arsenic dissolved As (ug/l)	01000	3	01	
Barium dissolved Ba (ug/l)	01005	10	02	
Beryllium dissolved Be (ug/l)	01010			
Cadmium dissolved Cd (ug/l)	01025	10	01	1
Chromium dissolved Cr (ug/l)	01030	2	01	
Cobalt dissolved Co (ug/l)	01035			4
Copper dissolved Cu (ug/l)	01040			
Iron dissolved Fe (ug/l)	01046	250	03	
Iron Total Fe (ug/l)	01045			
Lead dissolved Pb (ug/l)	01049	1	01	
Lithium dissolved Li (ug/l)	01130			
Manganese dissolved Mn (ug/l)	01056	30	02	
Mercury dissolved Hg (ug/l)	71890	0	00	U
Nickel dissolved Ni (ug/l)	01065			
Selenium dissolved Se (ug/l)	01145	2	01	
Strontium dissolved Sr (ug/l)	01080	20	02	
Vanadium dissolved V (ug/l)	01085			
Zinc dissolved Zn (ug/l)	01090	30	02	
Silver Dissolved Ag (ug/l)		0	00	U

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date Dec 18, 1962 Field No. U-1

Record by LVC Office No. 1

Source of data

1. *Location:* State Alabama County Talladega
   Map 7½' Childersburg Quad - Harpersville
   SE ¼ NW ¼ sec. 26 T 20 ~~N~~ S R 2 E ~~W~~
2. *Owner:* ~~Hugh Casper~~ Address RF 1, Childersburg
   Tenant Address
   Driller Address
3. *Topography* Rolling
4. *Elevation* 469 ft. above ~~below~~ MSL
5. *Type:* Dug, drilled, driven, bored, jetted 19
6. *Depth:* Rept. ft. Meas. 51.6 ft.
7. *Casing:* Diam 30 in., to 30 in., Type Concrete
   Depth Bottom, Finish
8. *Chief Aquifer* LS From ft. to ft.
   Others
9. *Water level* 44.35 ft. ~~rept.~~ meas. 12-18 1962 ~~above~~ below MSL
   top of curbing which is 3.1 ft. above ~~below~~ surface
10. *Pump:* Type Jet Capacity G. M.
    Power: Kind Electric Horsepower 3/4
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. 5 Houses ( )
    Adequacy, permanence
13. *Quality* Temp NA °F.
    Taste, odor, color None, Clear Sample Yes ~~No~~ 12-18-62
    Unfit for
14. *Remarks:* (Log, Analyses, etc.) 74.00
    29.57
    49.43

U. S. GOVERNMENT PRINTING OFFICE 16—62891-1

3.10
46.33 WLM 2-4-86 PHM

U.S.G.S.-WRD
Form GW
Well No. U-1

Location SE 1/4, NW 1/4, Sec. 26, T20S, R2E

Source (type of well)
Owner Graham Casper
Date drld
WBF LS Depth 51.6 ft
Producing interval
Water level ft
Sampled after pumping GPM
Yield
Pt of coll. Pump house
Appearance
Temp (°F) Use Dom.
Collector LVC
Chemist Gaydos
Date completed 2/18/63
Checked by Duncan
Date transmitted

ANALYTICAL STATEMENT

COUNTY Talladega
LAB NO. Ala. 0683

Date of collection 12-18-62
Ignition Loss

Dissolved Solids:
Calculated (sum)
Residue at 180°C
Tons per acre foot

Hardness as $CaCO_3$ 120
N.C. hardness
% Na BAR RSC
Specific conductance (micromhos at 25°C) 238
pH 7.8 Color

	ppm	epm
SiO_2		
Fe		
Fe (total)		
Ca		
Mg		
Na		
K		
Na+K		
HCO_3	139	
CO_3	0	
SO_4		
Cl	2.1	
F		
NO_3		