

GW12651 0610011-01

E Log # 144
L28

7/3/96 ✓

WRD Exp. (GW)
April 1966

Well No.

SITE ID - 32146090011001

WELL SCHEDULE

249 B Whitfield Quad

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
WHITFIELD QUAD

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by C. Jessup Source of data MSGs Date 9-7-66 Map near NW cor. of sec.

State Miss. County (or town) Ranking

Latitude: 32°14'46"N Longitude: 090°01'18"W Sequential number: 1

Lat-long accuracy: 4 T. 5 S. R. 3 W. Sec. 29 SW/SW/SW

Local well number: L028 B 3205 N 03E Other number: _____

Local use: 026144 Owner or name: Greenfield Water Assoc. Test Hole

Owner or name: GREENFIELD W-A Address: _____

pos. in SW/ sec 29

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instat, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other WA

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes no; period: _____

Aperture cards: yes 77

Log data: E Log 10-984 ft. CCKE/ D/E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 924 ft Meas. rept 3

Depth cased: (first perf.) 879 ft Casing type: Steel; Diam. 8x6 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) percussion, (R) rotary, (T) reverse, (V) trenching, (W) driven, (X) drive wash, (Z) other H

Date Drilled: 8-24-66 966 Pump intake setting: _____ ft

Driller: Forest Dry Serv.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep Shallow

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 20 V Trans. or meter no. _____

Descrip. MP 425 above ft below LSD. Alt. MP _____

Alt. LSD: 420' G.L. 420 Accuracy: (source) topo

Water Level: _____ ft above below MP; Ft. above below LSD 238 Accuracy: _____

Date meas: N:66 Yield: _____ gpm Method determined 4

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

4/25/94
150GPM
@ 60#

Well No. L28

Well No. L28

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ 03 Section: _____

Drainage Basin: D 137 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat
(F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V)

MAJOR AQUIFER: _____ system _____ series TE CCKF 010 aquifer, formation, group

Lithology: _____ S Origin: _____ 2 Aquifer Thickness: _____ ft

76 Length of well open to: _____ ft 45 Depth to top of: _____ ft 846

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

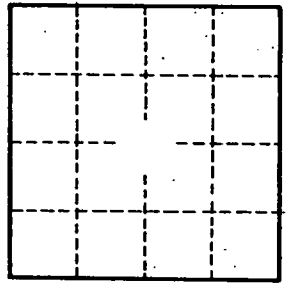
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. L28

Rankin
L 28
11-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

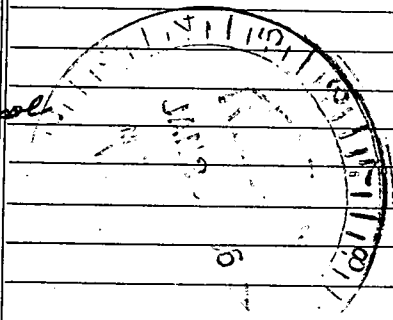
WATER WELL DRILLERS LOG

CODED

Set pump

Date: 11-29, 1966, Driller: Forest Drilling Co. Rankin County Rankin
(Name)

(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Greenfield Water (Name)	Red Sandy Clay	4	4
Rankin County, Miss. (Address)	Chalky Clay + Silt Sand	29	33
near NW Corner (2) Location: 1/4, 1/4, Sec. 32 T. 5N R. 3E	Blue Clay	75	108
5 miles South of Brandon (distance) (direction) (Nearest Town)	Shell, lime rock soft	76	184
(3) Topography: <input checked="" type="checkbox"/> (Hilly) <input type="checkbox"/> (Flat) <input type="checkbox"/> (Level)	Blue Clay	153	337
(4) Purpose of Well: Community Water System (Domestic Irrigation, Municipal, Industrial, Other)	Rock	1	338
Information upon completion of well:	Shale	299	637
(1) Diameter 8" inches.	Soft Shale	40	677
(2) Total Depth 924 feet.	Soft Shale + Silt	40	717
(3) Water Level 238 feet below top of ground.	Soft Shale	20	737
(4) Cased to _____, Size 8"	Soft Shale + Silt	40	777
(5) Screen: Size 6", Length 45ft.	Soft Shale	57	834
(6) Were any formations sealed against pollution? _____ yes, _____ no.	Thin Sand	3	837
If YES depth of formation _____	Shale + Fine Sand	16	853
Electric Log Run Miss. St. Jackson why 8-24-66	Thin Sand	55	908
Drillers Remarks: 6 ft 6" pipe set at 924 ft - Screen Set at 918 ft.	Thin Sand + Silt Clay	21	929
	Shale	110	949
	Thin Sand + Shale	11	960
	Shale	22	982



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

Rankin
L28
11-29-66
M.G.S.

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG **CODED**

11/29 1966 Foot Drilling Rankin
date well completed firm name county well located

LANDOWNER: Greenfield Water Assn.	description of formations encountered	from	to
Rankin County (mailing address)	Red, sandy clay	0	4
WELL LOCATION: 29 ²² sec. 5 T. 5 N. R. 3 E. 2 miles SW of Brandon	Chalky clay with sand	4	33
WELL PURPOSE: Community (home, irrigation, municipal, industrial)	Blue clay	33	108
WELL COMPLETION DATA:	Dark fine sand (dust)	108	184
(1) diameter (inches) 8"	Blue clay	184	337
(2) total depth (feet) 924'	Rock	337	338
(3) static water level (feet) 238' below top of ground	Shale	338	637
(4) casing (material) (depth) Steel 830'	Soft shale	637	677
8" (size) if telescope see back.	Shale + silt	677	717
(5) screen (length) (depth to top) 45' 879'	Soft shale	717	737
6" (size) (material) Stainless Steel	Soft shale + silt	737	777
(6) pump (HP) (yield gpm) 20 136	Soft shale	777	834
Elect (type power)	Fine sand	834	837
(7) electric log (yes or no) Yes	Shale + fine sand	837	853
(organization running log) Miss. Geological	Fine sand	853	918
(8) how well bottom plugged 6" x 2" Backward Valve	Fine sand + other clay	918	939
DRILLERS REMARKS:	Shale	939	949
	Fine sand + shale	949	960
	Shale	960	982

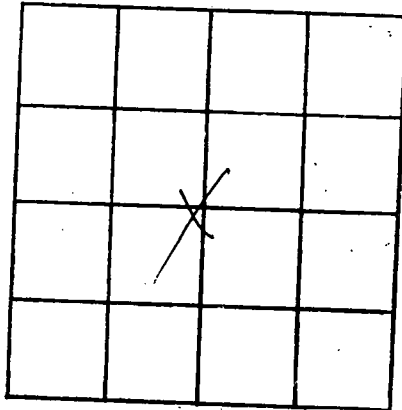
APR 17 1969

MISS. BD. OF WATER COMMISSIONERS

⑧

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 29
~~38~~

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/3/96

UNIT DEQ #: _____ FILE #: A070313B

HEALTH DEPT. #: 610011-01 ELEV. 425'

USGS #: L28 OLWR #: GW+2868 12651

OWNER: Greenfield W.A QUAD: Whitfield

LOCATION: SW/SWS 29 T 5N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: On west side of Greenfield
Circle

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32°14.427'N LONG. 90°01.202'W

GPS CORRECTED LOCATION: LAT. 32.24085961 LONG. 90.02022357

REMARKS: Measured 100' east of well

gps taken Jan 9, 2002 by R. Bergeron + David Cobb

32.24095

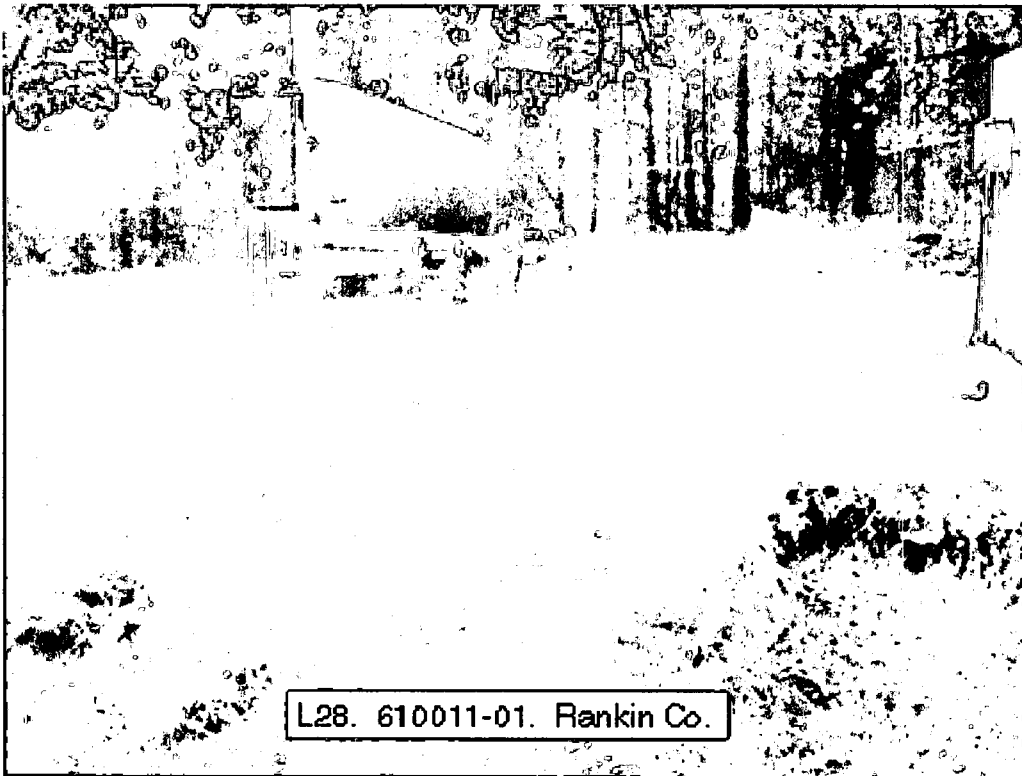
- 90.02055

32.24096

90.02054

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L28. 610011-01. Rankin Co.

MS-GW-12868

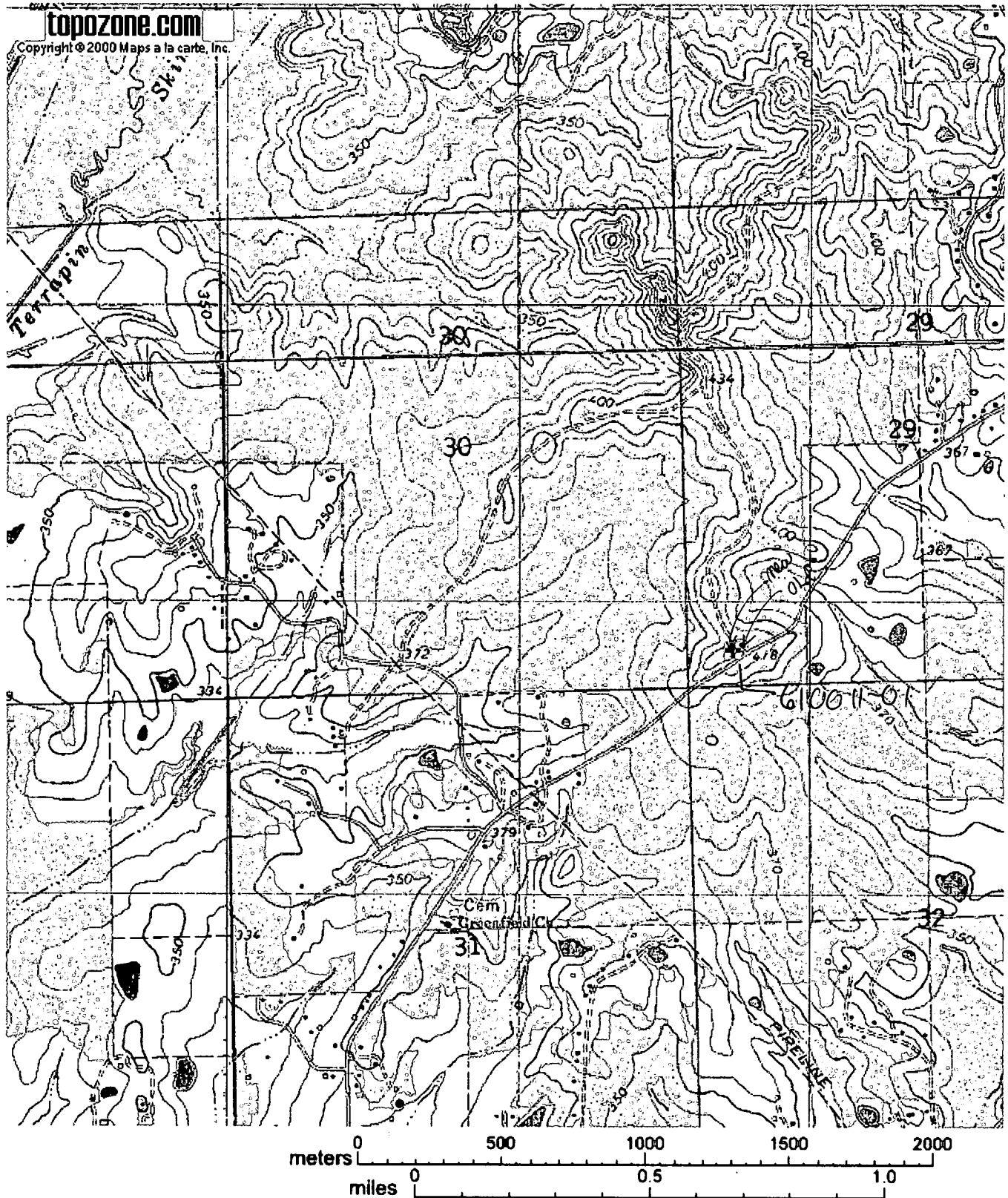
610011-01
60-12868
L-28



11
12

TopoZone.com

Target is UTM 15 780742E 3570845N - **WHITFIELD** quad [Quad Info]



MISSISSIPPI-RANKIN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

NE 1/4 FLORENCE 15' QUADRANGLE

30
PELAHATCI

R. 2 E. 2' 30"

779

R. 3 E.

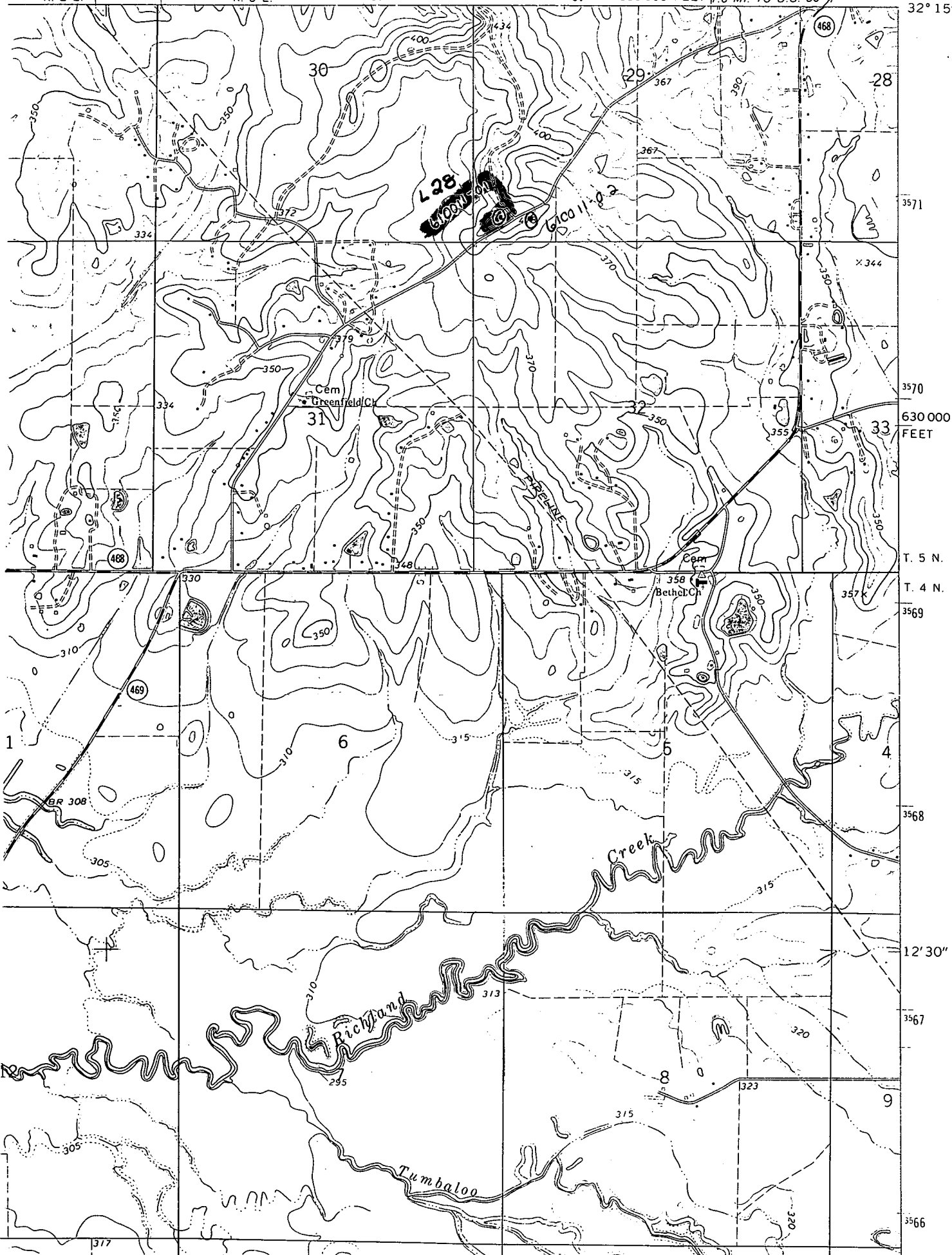
780

781

600 000 FEET 1/6 MI. TO U.S. 80

90° 00'

32° 15'



630 000 FEET

T. 5 N.

T. 4 N.

3568

12' 30"

3567

3566

1

6

5

4

9

377