WRD Exp. (GW)
April 1966

Well No. G31
E log # 48

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

FILE COPY

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by P.E. Gra... Source of data Dvlr. ... Date 1-15-68 Map Starkville Quad

State Mississippi 28 County (or town) Oktibbeha Co. 53

Latitude: 33 29 00 N Longitude: 088 50 50 Sequential number: 1

Lat-long accuracy: 2 T. 18 N, R. 14 E, Sec. 29, SE ¼, NE ¼, NE ¼

Local well number: G031AA29 18N14E Other number: Well #1 B & M

Local use: 021048 Owner or name: Talking Warrior Wtr. Assoc

Owner or name: TALKING WARRIØR Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) 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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) 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.: Ø Field aquifer char. [ ]

Hyd. lab. data:

Qual. water data; type: USGS 2/76 6/77 — C

Freq. sampling: Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E log 500-1444 — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1425 ft Meas. rept accuracy 3

Depth cased (first perf.): Split Screen ft 1302 Casing type: Steel; Diam. 8 in. in 8

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

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

Date Drilled: 9-68 — 968 Pump intake setting: ft

Driller: ... name, address

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

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

Descrip. MP Airline hole 285 at 2.0' ft above/below LSD. Alt. MP

Alt. LSD: 290 — 290 Accuracy (source): 10 — 4

Water Level 97.52 ft above/below MP; Ft above/(below) LSD 98 Accuracy: A

Date meas: 276 Yield: gpm 150 Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct 685 K x 10^6 Temp. 26.0 °F 260 Date sampled 6/9/77 — 276

Taste, color, etc. pH = 8.0

JUNE/1977 MEAS WL = 10... ...

Handwritten margin notes: 8/12 ... ; contact Jimmy Sheridan; wm. Gdsg 8/12/87 can not get to well. pump is on. 10/87 well is not accessible; 1/14/78 = 107.94; 11/30/82 125 − 6.68 = 118.32 − 2.0 = 116.32

G31

Well No. G31

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 13G (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Ø) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series K3 (28–29) aquifer, formation, group GØ (30–31)

Lithology: US (32–33) Origin: Z (34) Aquifer Thickness: 50 ft

Length of well open to: (35–37) ft 50 (38–40) Depth to top of: 1300 ft A30 (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

Length of well open to: (51–53) ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: 4" S.S.

Depth to consolidated rock: ft (60–63) Source of data: (64)

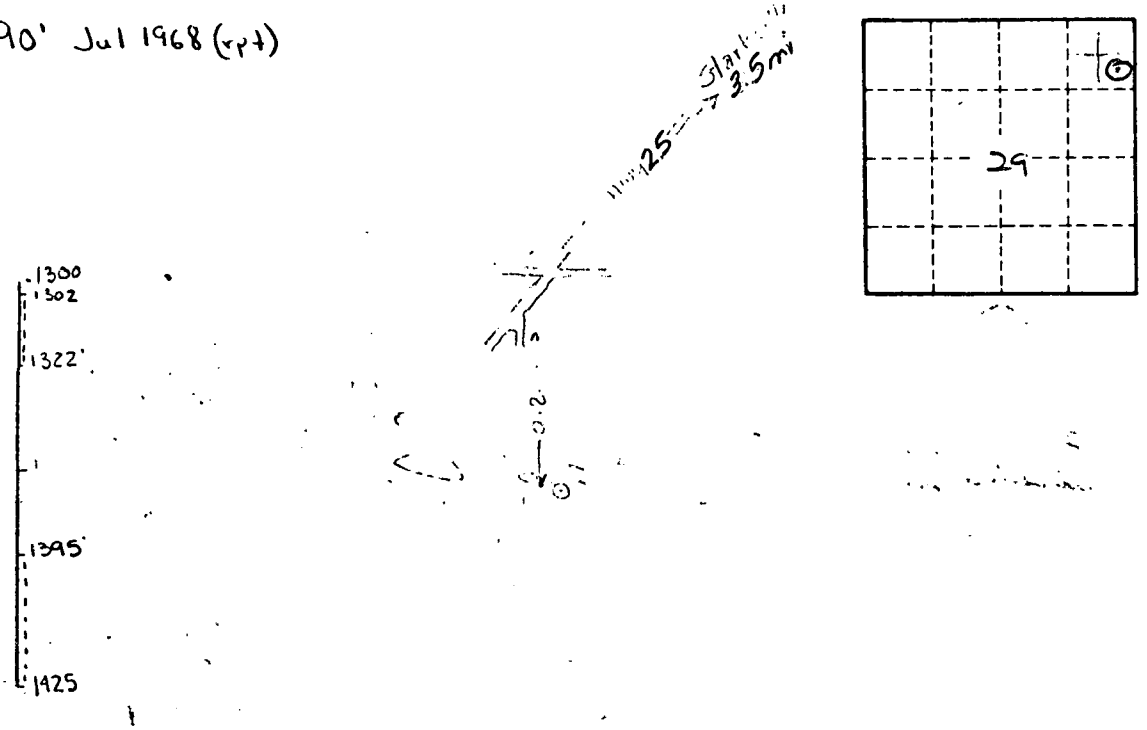
Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

NL 90' Jul 1968 (rpt)



Well No. G31

GPO 857-700

Oktibbeha
Gordo

FORM NO. 9—1904—E
Revised September 1980

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

FILE COPY

WATER-LEVEL DATA

WELL NO. G31
MP HEIGHT ______
owner: Talking Warrior WA

Site Ident. No. [ ] (5 … 19) R = 234 * T = A *

DATE	WATER LEVEL (BELOW LSD)	STATUS	METHOD	HOLD	CUT	DEPTH BELOW MP	REMARKS	DATE PUNCHED	DATE ENTERED
235 # 09/14/1978 *	237 = 107.94 *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # 11/30/1982 *	237 = 116.32 *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # 8/12/1987 *	237 = Cannot *	get into gate; ~~[illegible]~~. pump is on. Gdog							
235 # / / *	237 = . *	238 = *	239 = *						
235 # 10/ /1987 *	237 = . *	238 = *	239 = *	Well is not accessible. Gdog					
235 # / / *	237 = . *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
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235 # / / *	237 = . *	238 = *	239 = *						

MEASURING POINT

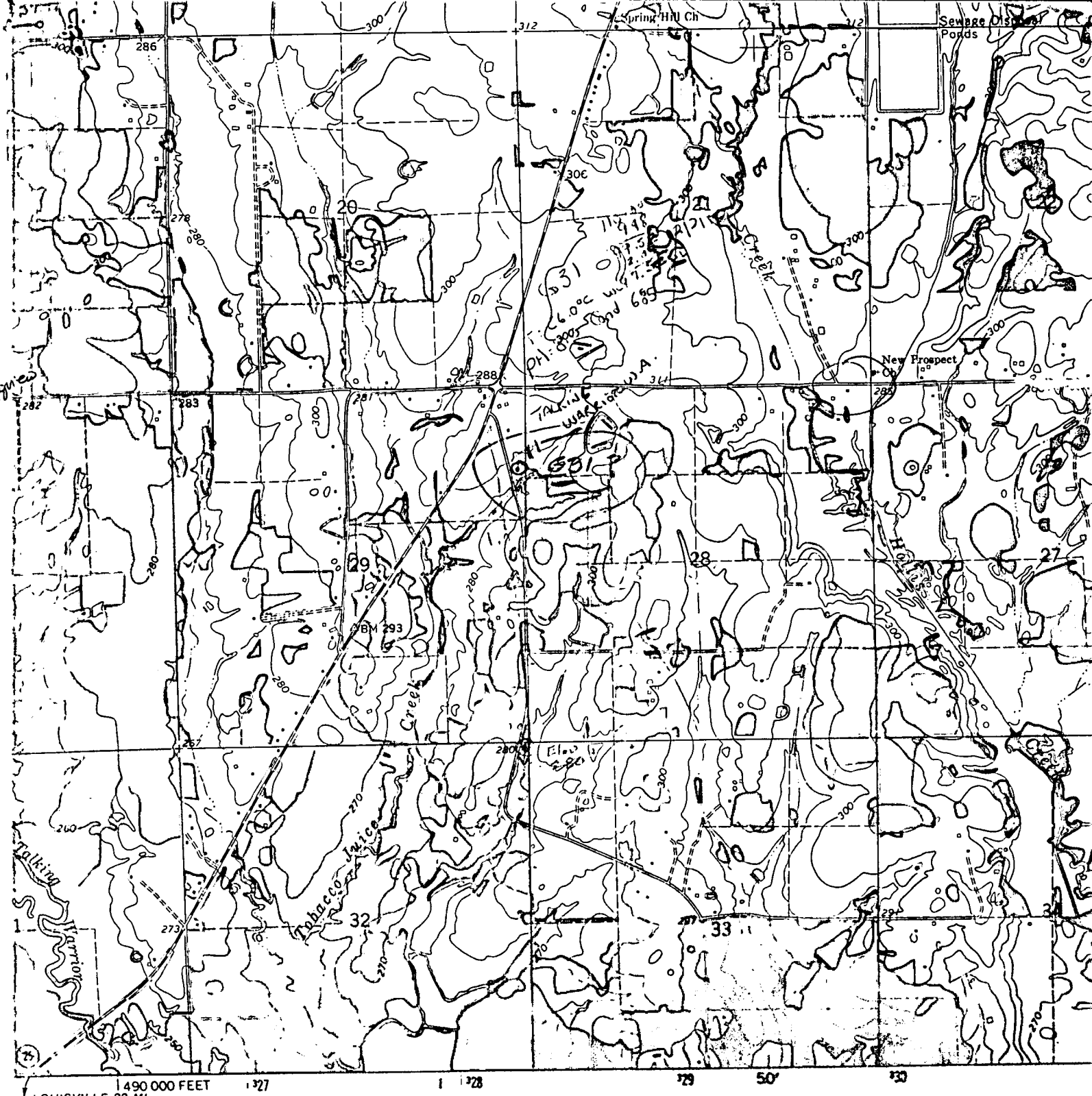
R = 320 * T = A D M * (add, delete, modify)

Method of Measurement 239 = A airline, B analog, C calibrated airline, E estimated, G pressure gage, H calibrated pressure gage, L geophysical logs, M manometer, N non-recording gage, R reported, S steel tape, T electric tape, V calibrated electric tape, Z other

M.P. Begin Date 321 # / / *
M.P. End Date 322 = / / *
M.P. Height 323 = . *
M.P. Remark 324 = *

Site Status 238 = D dry, E recently flowing, F flowing, G nearby flowing, H nearby recently flowing, I injector, J injector, or site monitor, N discontinued measuring, Ø obstruction, P pumping, R recently pumped, S nearby pumping, T nearby recently pumping, V foreign matter on water, W well destroyed, X affected by surface water site, Z other

GPO : 1981 O - 343-893



edited, and published by the Geological Survey

USGS and USC&GS

y by photogrammetric methods from aerial
hs taken 1960. Field checked 1965

projection. 1927 North American datum
ot grid based on Mississippi coordinate system, east zone
er Universal Transverse Mercator grid ticks,
hown in blue

idicates area in which only landmark buildings are shown

ashed lines indicate selected fence and field lines where
isible on aerial photographs. This information is unchecked

UTM GRID AND 1969 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

FOR SALE BY U. S. G

13G K3GØ Yazoo

EL06 # 48

Oktibbeha
G 31
12-68
U.S.G.S.

CODED

CODED

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

WATER WELL DRILLERS LOG

Herndon-Homan Well & Supply, Inc.
P. O. Box 42
SHANNON, MISSISSIPPI 38868

date well completed 19 68 — formation — Oktibbeha county well located

LANDOWNER: Tallahatchie Water Ass.
Starkville, Miss.
(mailing address)

WELL LOCATION: SE¼ NE¼ NE¼
sec 25 T 18 N/S R 14 E/W
5 miles (distance) 5 (direction) of Starkville (nearest town)

WELL PURPOSE: Community
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 8"
(2) total depth (feet) 1452'
(3) static water level (feet) 90' below / above top of ground.
(4) casing Steel (material), 500' (depth),
8" (size) if telescope see back.
(5) screen 50 (length), 1382 (depth to top)
4" (size), S/S (material)
(6) pump 20 (HP) 150 (yield gpm)
electric (type power)
(7) electric log yes (yes or no)
USGS (organization running log)
(8) how well bottom plugged plugged

DRILLERS REMARKS:
Well # G 31

description of formations encountered	from	to
Sylvan sand & clay	0	20
Blue clay	20	740
Blue Sand	740	935
Blue clay	935	945
Blue Sand	945	955
Blue clay	955	980
Sandy clay	980	1110
Blue clay	1110	1165
Sand	1165	1222
Blue clay	1222	1260
Sand colors	1260	1280
Pink gummy clay	1280	1300
Sand	1300	1320
Pink gummy clay	1320	1360
Black gummy clay	1360	1394
Sand	1394	1430
Pink gummy clay	1430	1452
Bottom	1452	

If well telescopes please sketch and show depths.

GROUND LEVEL

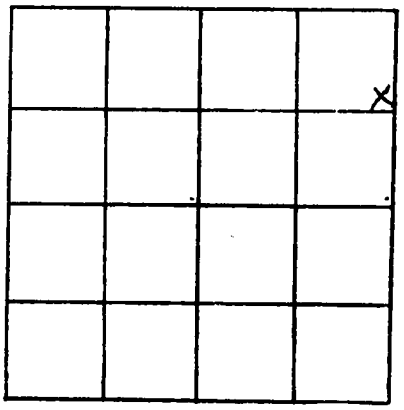
500' of 8" Casing

30' of Lap Pipe

832' of 4" Blank

50' of 4" Screen

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



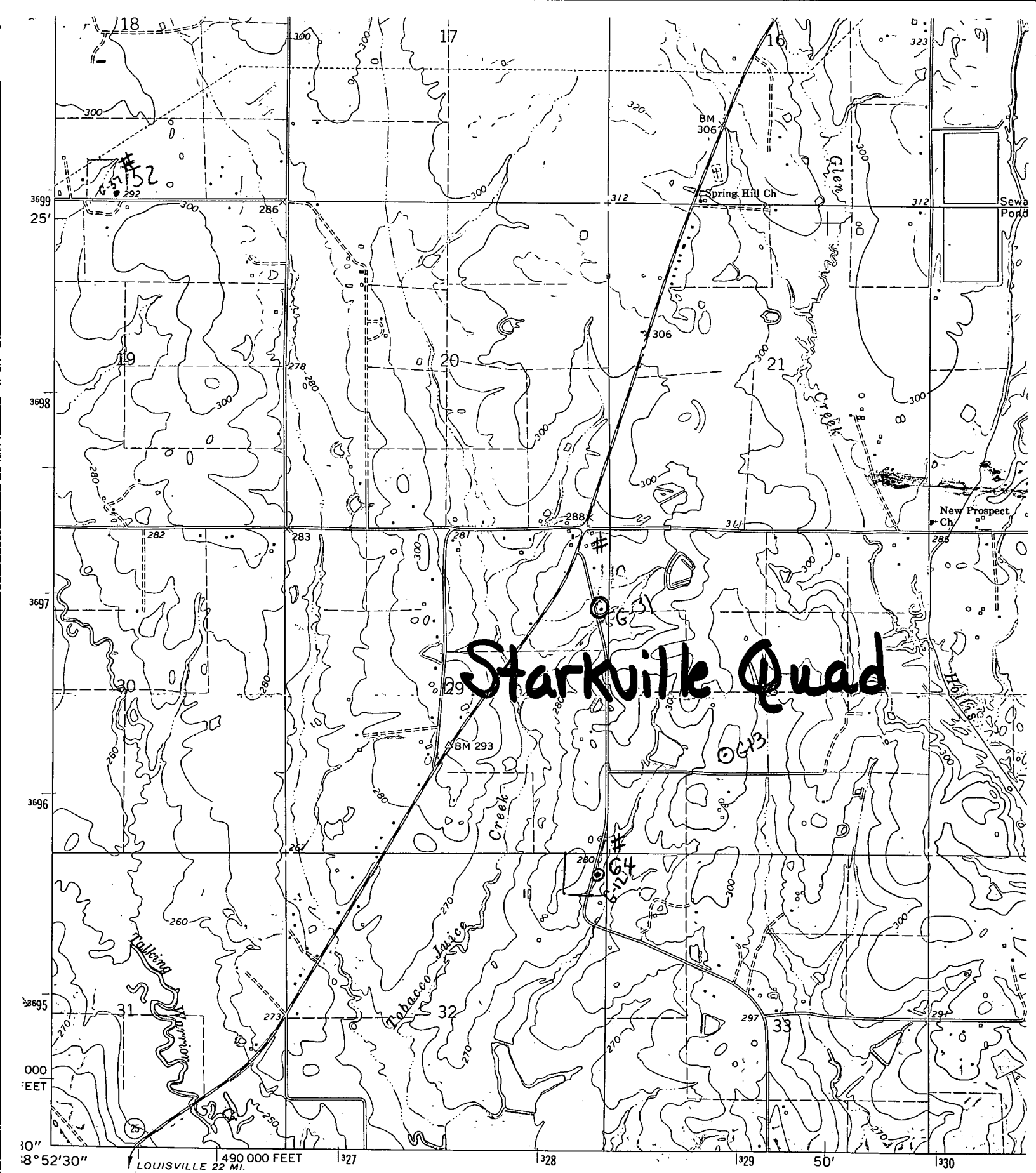
SECTION 25

Please indicate well location X.

ADDITIONAL INFORMATION

DEC -5 1968

MISS. BD. OF WATER COMRS.



Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1960. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Mississippi coordinate system, east zone
1000-metre Universal Transverse Mercator grid ticks, zone 16, shown in blue

Red tint indicates area in which