DOH # 700008-02 Falkner Quad GW596

5/78 WTO

TRANSMITTED FOR ADP

Recorded by WTO

Date 1/79

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT JUN 1979
WELL -- RECORD

Well No. F41

E-Log No. 25

County TIPPAH

Site ID 5 3 4 4 6 2 2 0 8 8 4 8 2 4 0 1 19 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=139*

Lat. Long./ SE 9=3 4 4 6 2 2* 10=0 8 8 4 8 2 4* Well No. 12=F041*

Location 13=SE SE S 31 T 03S R 04E* Alt. 16=553.*

Hyd. Unit(OWDC) 20=* Date 21=12/05/1978*

Well use 23=W* Water Use 24=N* Hole depth 27=966.* Well depth 28=898.*

WL 30=245.* Date 31=01/29/1979* Source 33=D*

Status 273=* Project No. 5=*

OWNER

R=158* T=A* Date 159#01/29/1979* Owner No. Well #1

Owner 161=~~BD OF SUP TIPPAH CO~~* Ind. PARK

RILEY Tippah Co. Board of Supervisors

FIELD QW

R=192* T=A* Date 193#*/*/* Temp. 196#00010* 197=*

R=192* T=A* Date 193#*/*/* Cond. 196#00095* 197=*

R=192* T=A* Date 193#*/*/* pH 196#00400* 197=*

CONSTR.

R=58* T=A* 59#1* Date 60=01/29/1979* Remarks

Drlg. 63=064* Name Layne Central Method 65=H* Finish 66=S*

CASING

R=76* T=A* 59#1*

Top csgn. 77#0.* Bot. csng. 78=802.* Diam. 79#12.*

R=76* T=A* 59#1*

Top csng 77#721.* Bot. csgn. 78=807.* Diam. 79#8.*

OPENINGS

R=82* T=A* 59#1* Top 83#801.* Bottom 84=898.*

Type 85=S* Diam. 87=8.* Size 88=* 826-917?

R=82* T=A* 59#1* Top 83#* Bottom 84=*

Type 85=* Diam. 87=* Size 88=*

YIELD

R=146* T=A* 147#1* Q 150=350.* Q/S 272=*

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T * Intake 44= * Power type 45= E *

Date 38= 01/29/1979 * H.P. 46= 60. *

LOGS

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 96 6. *

R=198* T= A * Log 199# E * Top 200= 14. * Bot 201= 96 6. *

R=189* T= A * E Log No. 190# 025 * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= 2 1 1 C Ø F F * Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

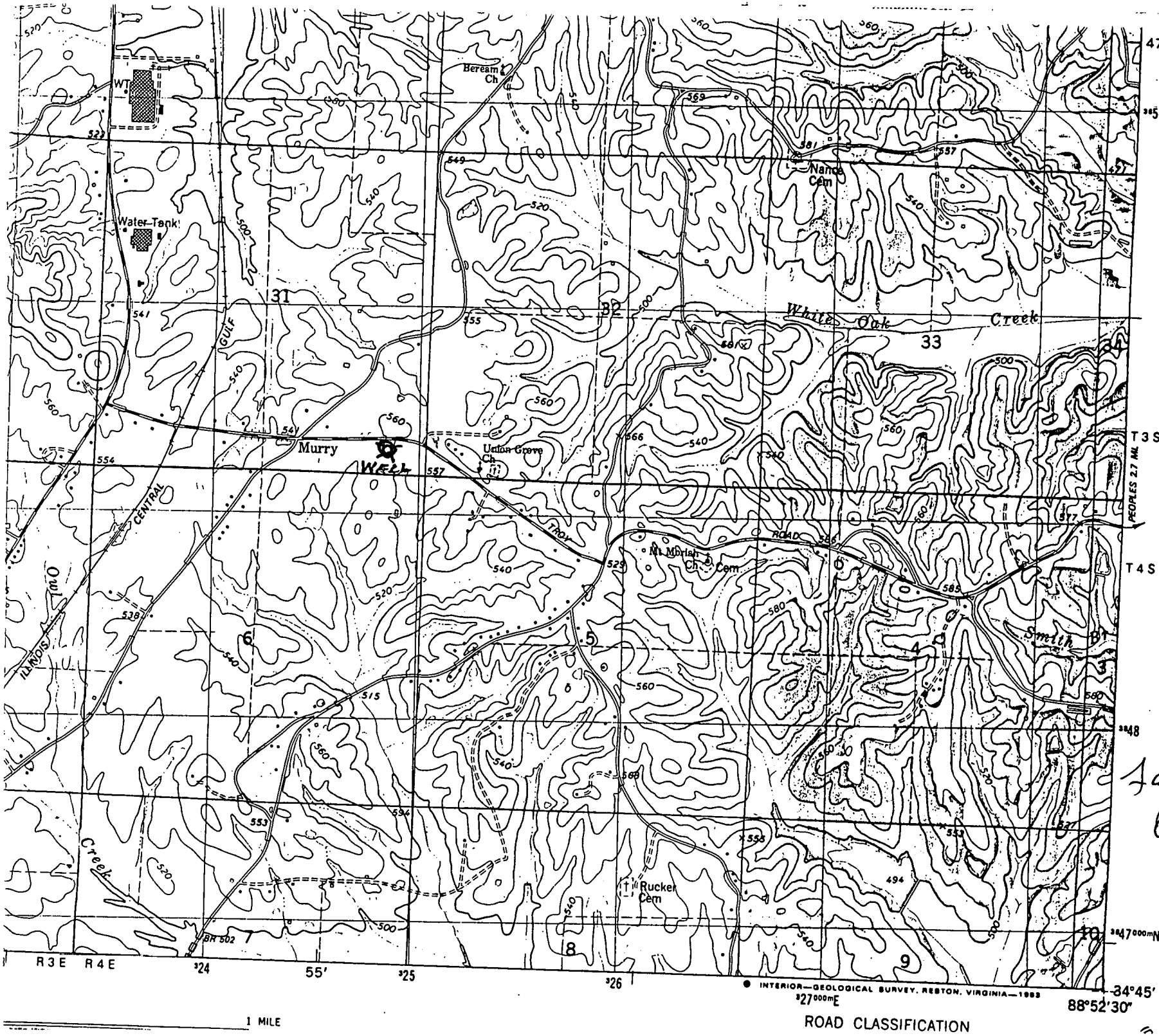
108= * Hydraul. cond. (gal/d)/ft^2

110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258= *

Water Level Data Collection (1)

from	to	description of formations encountered
0	13	Clay
13	18	Sandy Clay
18	47	Hard Blue Clay
47	52	Rock
52	53	Soap Stone
53	67	Blue Clay
67	111	Rock
111	112	Soap Stone
112	115	Sandy Clay COBBLES
115	122	Rock
122	123	Sandy Clay
123	124	Rock
124	128	Sandy Clay
128	130	Rock
130	131	Sandy Clay & Rock
131	143	Sandy Clay & Rock Stks
143	156	Hard Sandy Clay & Rock Stks
156	157	Rock
157	158	Sandy Clay Rock
158	163	Rock
163	164	Sandy Clay
164	168	Rock
168	169	Sandy Clay Stks
169	178	Sand & Clay Stks
178	226	Sandy Shale & Sand Stks
226	235	Sandy & Rock Stks
235	236	Sandy Shale Sandy Rock Stks
236	273	Rock
273	274	Hard Sandy Shale Rock Stks
274	340	Rock
340	343	Sandy Sandy Stks & Rock
343	405	Sandy Shale & Rock Stks
405	435	Sandy Shale & Rock Stks
435	436	Shale
436	466	Rock
466	467	Shale
467	495	Hard Sandy Shale
495	506	Hard Shale
506	527	Hard Sandy Stone Shale
527	617	Soft Soap Stone
617	679	Hard Soap Stone
679	680	Soap Stone & Rock Stks
680	711	Med Sand & Shale Stks
711	773	Clay
773	805	Med Sand & Clay Stks
805	809	Rock
809	855	Medium Shale & Rock Stks
855	860	927 - 95 - Fine Sandy Clay Stk
860	906	927 - 96 - Sandy Shale



Falkner Quad.

TIPPAH
F41
1-29-79
Elog #25

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

CODED

WATER WELL DRILLERS LOG

1 29 19 79 Layne Central Co. Tippah
date well completed — firm name — county well located

LANDOWNER: Board of Supervisors
Tippah County, Miss.
(mailing address)

WELL LOCATION:
sec. 31 T. 3 S R. 4 E
2 miles North of Ripley
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches)
(2) total depth (feet) 903'
(3) static water level (feet) 245' below above top of ground.
(4) casing Stainless (material), 826' (depth),
8" (size) If telescope see back. 826
(5) screen 91' (length), 903' (depth to top)
8" (size), Stainless Steel (material)
(6) pump 60 (HP) (yield gpm)
Elec. (type power)
(7) electric log Yes (yes or no)
Miss. Geological Survey (organization running log)
(8) how well bottom plugged
~~Miss. Board of Water Comm.~~
DRILLERS REMARKS:

FEB 30 1979

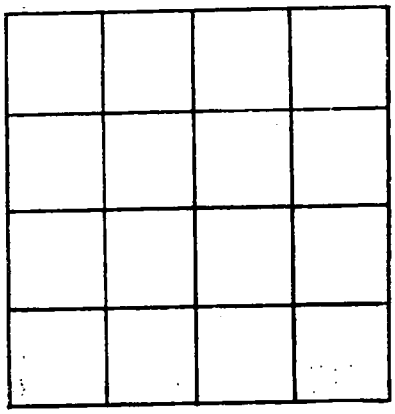
description of formations encountered	from	to
Clay	0	13
Sandy Clay	13	18
Hard Blue Clay	19	51
Rock	52	53
Soap Stone	53	67
Blue Clay	68	111
Rock	112	114
Sandy Clay CODED	115	122
Rock	123	124
Sandy Clay	124	128
Rock	129	130
Sandy Clay & Rock	131	142
Sand, Sand Clay & Rock Stks	143	156
Rock	157	158
Sandy Clay & Rock	158	163
Rock	164	165
Sandy Clay	165	168
Sand & Clay Stks.	169	178
Sandy Shale & Sand Stks.	179	226
Sandy Rock Stks.	227	235
Sandy Shale, Sandy Rock Stks	236	273
Rock	273	274
Hard Sandy Shale & Rock Stks	274	360
Rock	361	363
Sandy Shale & Sand Stks & Rock Stks	382	405
Sandy Shale & Rock Stks	406	435
Shale	436	466
Rock	466	467
Shale	467	495
Hard Sandy Shale	496	505
Hard Shale	506	526
Hard Soap Stone & Shale	527	617
Soft Soap Stone	618	679
Hard Soap Stone	680	710
Soap Stone & Rock Stks	711	772
Med. Sand & Shale Stks.	773	804
Clay	805	808
Med. Sand & Clay Stks	809	858
~~Rock~~	~~859~~	~~926~~
Rock	859	860
Medium Shale & Rock Stks	860	926

(Cont.)

Casing, screen different than those on W.S.

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

927 - 956 - Fine Sand & Clay Stks
957 - 966 - SANDY SHALE

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