

GW-902

Running 24 hours

6/78 WTO

Recorded by WTO
Date 5/10/79

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

TRANSMITTED FOR ADP
Well No. 538
E-Log No. 70
County OKTIBBEHA

QUAD- STARKVILLE

Site ID ³ 322623088503201 R=0* T=A* 2=W* 154-B

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=105*

Lat. 3 4
Long. 9=32.2623* 10=0885032* Well No. 12=5038*

SE Location 13=SWNW s 09 T 18 N R 14 E* Alt. 16=328* OK 5/92

Hyd. Unit (OWDC) 20= Date 21=04/09/1979*

Well use 23=W* Water Use 24=N* Hole depth 27=1546* Well depth 28=1480*

WL 30=1.60* Date 31=04/15/1980* Source 33=D*

Status 273= Project No. 5=

R=158* T=A* Date 159# 04/15/1980* Owner No.

Owner 161= PHELPS DODGE WIRE CO *

Southwire

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=

R=58* T=A* 59# 1* Date 60= 04/15/1980* Remarks

Drig. 63=053* Name PARK'S DRIG Method 65=H* Finish 66=S*

R=76* T=A* 59# 1* 10" steel

Top csgn. 77# 0* Bot. csgn. 78=1400* Diam. 79# 10*

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

Top csgn. 77# Bot. csgn. 78= Diam. 79#

R=82* T=A* 59# 1* Top 83# 1400* Bottom 84=1480*

Type 85=S* Diam. 87=6* Size 88=

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=800* Q/S 272=

134 flows 146 pumped

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

DATE 38= 04 / 15 / 1980 * H.P. 46= *

LIFT

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 1500. *

R=198* T= A * Log 199# E * Top 200= 30. * Bot 201= 1546. *

R=189* T= A * E Log No. 190# 0.70 * 191= M I S S D I S T *

LOGS

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

ANAL.

R=90* T= A * 256# 1 * Top 91= 1390. * Bot 92= 1480. *

Unit ID 93= 211 BORD * Name of Unit Gordo Sand

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

Unit ID 93= * Name of Unit

AQUIFERS

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)/ft²

110= * Storage coeff. Boundaries

HYDRAULICS

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

Water Level Data Collection (1)

Runway
Wt gauge 258'

description of formations encountered	from	to
Gray Top Soil	0	120
Limestone shale	120	130
Gray Sand w/ shale	130	860
Gumbo + Clay	860	960
Fine sand w/ shale	960	1200
And limestone		
Hard sandy shale + gumbo	1200	1260
Gumbo w/ Limestone	1260	1320
Sand Gumbo (HARD)	1320	1390
Gravel	1390	1500

CODED

OKTIBBEHA

G 3 8

Eloc. # 70

04/15/80

April 15, 1980

date well completed

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

WATER WELL DRILLERS LOG

T.M. Parks Drilling

firm name

OKtibbleha

county well located

LANDOWNER: Phelps-Dodge
Cable & Wire Company
Starkville, Ms. 39759
(mailing address)

description of formations encountered

from to

Gray Top Soil	0	120
Limestone shale	120	130
Gray sand w/ shale	130	860
Gumbo + Clay	860	960
Fine sand w/ shale	960	1200
and limestone		
Hard sandy shale + gumbo	1200	1260
Gumbo w/ Limestone	1260	1320
Sand Gumbo (Hard)	1320	1390
Gravel	1390	1500

WELL LOCATION:

sec. 9 T 18 N R 14 E
S W
1 mi. miles SW of Starkville
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 10"
- (2) total depth (feet) 1546'
- (3) static water level (feet) 168' below top of ground.
- (4) casing Steel 1400'
(material) (depth)
- (size) If telescope see back.
- (5) screen 80 1400
(length) (depth to top)
- 6" stainless
(size) (material)
- (6) pump 800
(HP) (yield gpm)
- 3 phase 440 V
(type power)
- (7) electric log Yes
(yes or no)
- MGS
(organization running log)
- (8) how well bottom plugged BPT

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

APR 30 1980

RECEIVED

DRILLERS REMARKS:

4

If well telescopes please sketch and show depths.

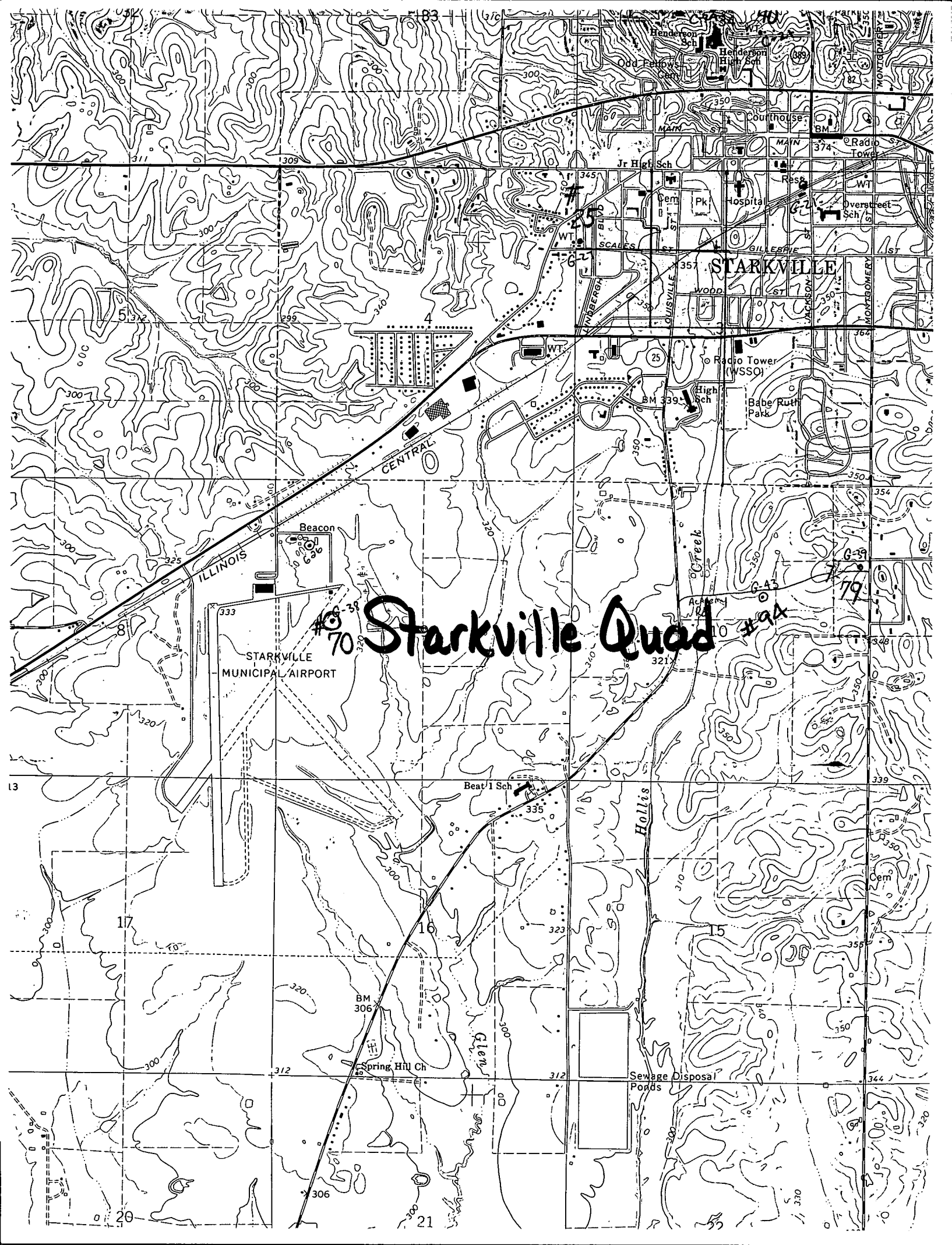
GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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



Starkville Quad #94

STARKVILLE MUNICIPAL AIRPORT

STARKVILLE

ILLINOIS

Hollis

Beat 1 Sch

Spring Hill Ch

Sewage Disposal Ponds

70

94

CENTRAL

Radio Tower (WSSO)

Babe Ruth Park

Creek

Glen

Cem

Henderson

Odd Fellows

Henderson High Sch

Courthouse

Jr High Sch

Hospital

Overstreet Sch

PERM

WOOD

JACKSON

MONTGOMERY

WATERBURY

WATERBURY

WATERBURY

WATERBURY

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