

GW-716

TRANSMITTED FOR ADP

could not get in is 642
644 permitted

1/5/84

Recorded by WTO

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

Well No. 644
E-Log No. 81
County OK: bbeha

Date 8/29/84

10/84

QUAD- STARKVILLE 154-B

Mafes South Farm Well

Site ID 3.3.2.5.5.4.0.8.8.4.7.2.6.0.1 R=0* T=A* 2=W*

GEN. SITE DATA

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

Lat. Long. 9=3.3.2.5.5.4* 10=0.8.8.4.7.2.6* Well No. 12=6.0.4.1*

Location 13=NW NW S 13 T 18 N R 14 E* Alt. 16=320* OK 5/92

Hyd. Unit (OWDC) 20= Date 21=08/04/1984*

Well use 23=W* Water Use 24=T* Hole depth 27=140.2* Well depth 28=1381*

WL 30=159* Date 31=08/27/1984* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#08/27/1984* Owner No. (MAFES)

Owner 161#MISS. STATE UNIV*

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=08/27/1984* Remarks

Drig. 63=0.6.4* Name Layne Jackson Method 65=H* Finish 66=S*

CASING

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

Top csng. 77#0* Bot. csng. 78=1310* Diam. 79#16*

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

Top csng. 77#1250* Bot. csng. 78=1310* Diam. 79#10*

OPENINGS

R=82* T=A* 59#1* Top 83#1310* Bottom 84=1381*

Type 85=S* Diam. 87=10* 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=1000* Q/S 272=

134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# 71* Intake 44= * Power type 45= E *
 Date 38= 08 / 27 / 1984 * H.P. 46= 200 . *

LOGS
 R=198* T= A * Log 199# E * Top 200= 30 . * Bot 201= 1400 . *
 R=198* T= A * Log 199# D * Top 200= 0 . * Bot 201= 1402 . *
 R=189* T= A *
 E Log No. 190# 08, 1 * 191= M I S S D I S T *

ANAL.
 R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 1306 . * Bot 92= 1390 . *
 Unit ID 93= 211 GORD * 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= *
 R=105* T= A * 99# 1 * Test No. 106# * 103= *
 107= * Transmissivity (gal/d)/ft
 108= * Hydraul. cond. (gal/d)/ft²
 110= * Storage coeff. Boundaries
 R=121* T= * Yr Begin 122# * Network 258 # *

Water Level Data Collection (1)

	0	21
sandy clay	21	100
blue clay	100	638
lime	638	674
Sandy shale	674	729
Shale	729	730
rock	730	743
Sandy shale	743	747
rock	747	760
lime	760	797
Sand	797	813
lime	813	890
Sand & hard shale strks	890	970
Sandy clay	970	982
hard shale	982	987
rock	987	1040
lime	1040	1070
hard shale	1070	1122
hard shale & sand strks	1122	1190
Sand & shale strks	1190	1227
hard shale	1227	1248
rock	1248	1266
hard shale	1266	1306
Sand	1306	1355
hard clay	1355	1392
Sand	1392	1402
Sand & gravel		
hard shale		

OKTibbeha

B42

8/27/84

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

CODED

G-42

WATER WELL DRILLERS LOG

August 27, 1984 Layne-Central Co. OKTibbeha
date well completed firm name county well located

LANDOWNER: MSU (Notes)
Starkville, MS

description of formations encountered	from	to
sandy clay	0	21
blue clay	21	100
lime	100	638
sandy shale	638	674
shale	674	729
rock	729	730
sandy shale	730	745
rock	745	747
lime	747	760
sand	760	797
lime	797	813
sand & hard shale strks.	813	890
sandy clay	890	970
hard shale	970	982
rock	982	987
lime	987	1040
hard lime	1040	1070
hard shale & sand strks.	1070	1122
sand & shale strks.	1122	1195
hard shale	1195	1227
rock	1227	1228
hard shale	1228	1248
sand	1248	1266
hard clay	1266	1306
sand	1306	1355
sand & gravel	1355	1392
hard shale	1392	1402

(mailing address)

WELL LOCATION:
sec. 13 T. 18 N. R. 14 E. S. W.

(distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 16"
 - (2) total depth (feet) 1391'
 - (3) static water level (feet) 159' below top of ground.
 - (4) casing Asite, 1310' (material) (depth)
16" (size) if telescope see back.
 - (5) screen 71', 1310' (length) (depth to top)
10" (size) steel (material)
 - (6) pump 200 (HP) 1000 (yield gpm)
electric (type power)
 - (7) electric log YES (yes or no)
MS Geo. Survey (organization running log)
 - (8) how well bottom plugged stainless steel

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

SEP 27 1984

DRILLERS REMARKS:

RECEIVED

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 B42
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 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

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WATER WELL DRILLERS LOG

August 27, 1984 Layne-Central Co. OKTibbeha
 date well completed firm name county well located

LANDOWNER: MSU (Mates)
 Starkville, MS
 (mailing address)

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 BUREAU OF LAND & WATER RESOURCES

SEP 27 1984

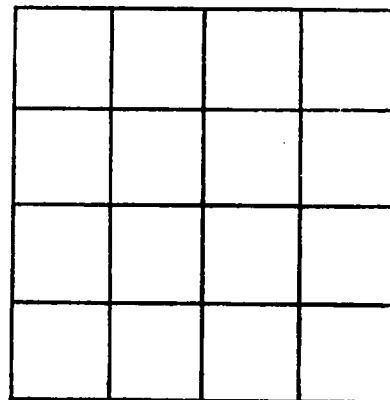
DRILLERS REMARKS:

RECEIVED

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If well telescopes please sketch and show depths.

GROUND LEVEL

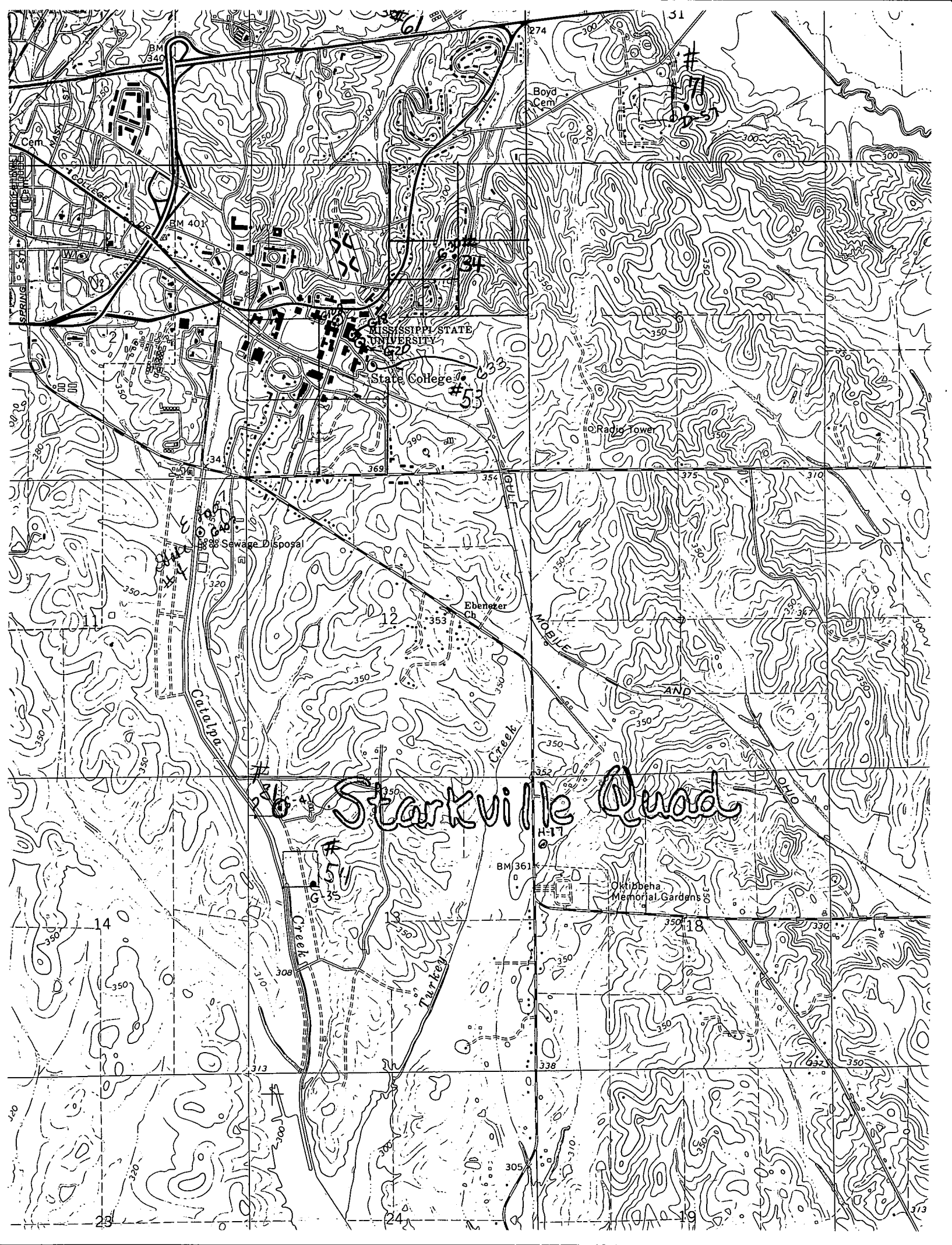


SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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



Starkville Quad