

6/77 WTO

#5

TRANSMITTED FOR ADP

Recorded by WTO

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

5/78

Well No. W159

E-Log No. 113

County Pearl R.

M2609
C. M. ...
D. ...

Date 1/21/76 2/21/78

Site ID 303042089411301 R=0* T=A* 2=W*

2.4 P.S.I.
26°C
285 um
8.5 AH

GEN. SITE DATA

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=109*

Lat. Long. / 9=303042* 10=0894113* Well No. 12=W159*

Location 13=SWNE S 22 T 06 S R 17 W* Alt. 16=60.* 58.

Hyd. Unit (OWDC) 20= Date 21=03/11/1976*

Well use 23=W* Water Use 24=P* Hole depth 27=1244.* Well depth 28=1211.*

WL 30=-35.* Date 31=03/31/1976* Source 33=D.*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#03/31/1976* Owner No. ~~158~~ Well #5

Owner 161=PICAYUNE

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=03/31/1976* Remarks

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

CASING

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

Top csng. 77# 0.* Bot. csng. 78=1145.* Diam. 79# 16.*

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

Top csng. 77# 1093.* Bot. csng. 78=1151.* Diam. 79# 6.*

OPENINGS

R=82* T=A* 59#1* Top 83# 1151.* Bottom 84=1211.*

Type 85=S* Diam. 87=6.* Size 88=.030*

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=1175.* Q/S 272=

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*
 Date 38= 03/31/1976* H.P. 46= 7.5.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1238.*
 R=198* T= A * Log 199# E* Top 200= 309.* Bot 201= 1238.*
 R=189* T= A * E Log No. 190# 113* 191= M I S S D I S T *

ANAL.

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

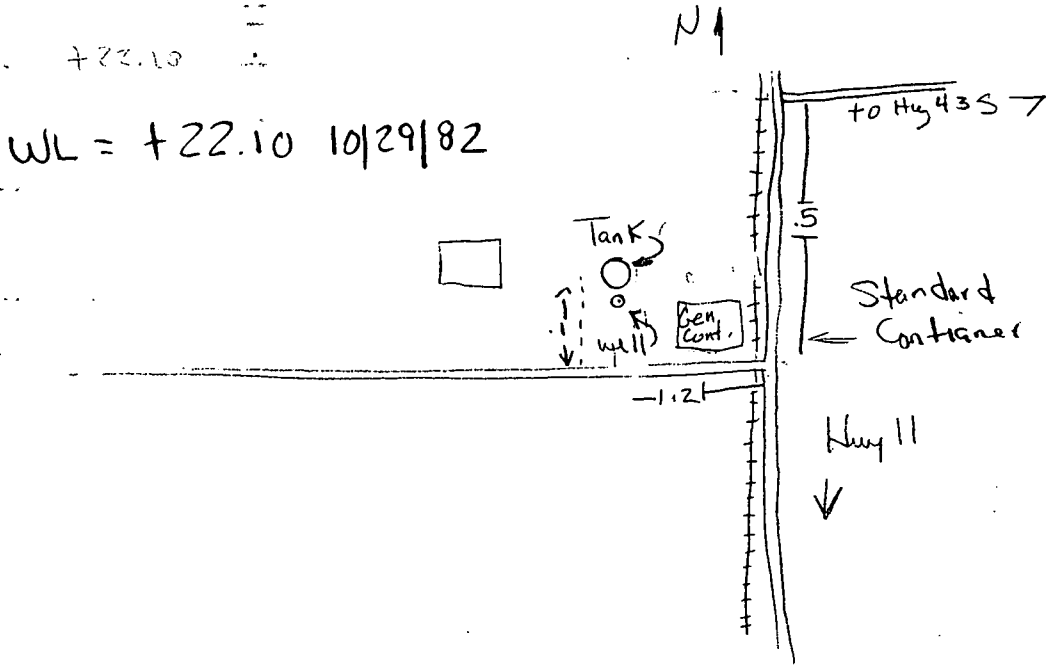
AQUIFERS

R=90* T= A * 256# 1* Top 91= 1110.* Bot 92= 1224.*
 Unit ID 93= 122 M O C N * 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)/ft² _____
 110= * Storage coeff. Boundaries _____
 R=121* T= * Yr Begin 122# *

Water Level Data Collection (1)



GRINER DRILLING SERVICE, INC.
P.O. DRAWER 825
COLUMBIA, MISSISSIPPI 39429

W159

WELL MAINTENANCE CHECK LIST - SERVICE CREW

NAME OF SYSTEM: City of Picayune DATE: 04-05-95
OWNER'S REPRESENTATIVE: Mickey Miller PHONE # (601) 798-1801
LOCATION OF WELL: Industrial Park Meadowgreen Under newest elevated tank
WELL NUMBER: 5 PUMP NUMBER: 5
ORIGINAL CAPACITY: 1175 GPM AT: 60 POUNDS PRESSURE
STATIC WATER LEVEL: +6.0 OPERATING PRESSURE: 55 to 60
CAPACITY AT OPERATING PRESSURE: 1150 GPM
PUMPING LEVEL AT OPERATING PRESSURE: -4.50
PUMPS INTO: Elevated tank
TESTING EQUIPMENT REQUIRED: 8" spool, 8" x 6" orifice
AMPS: 88 rated AMPS AT OPEN VALVE: 63-63-63
ANY SAND? None ANY VIBRATION? slight down hole/ motor bearings
COMMENTS ON STARTER PANEL; AUTOMATIC CONTROLS; AND VOLTAGE: 75 horsepower, 480 volt U.S. Motor
Size 4 Allen Bradley starter, Allen Bradley panel, no phase monitor,
motor bearings sounds bad, motor housing busted and welded back.
COMMENTS ON CHLORINATOR: _____
COMMENTS ON VALVES AND FITTINGS: 8" gate and orifice
CLEAN AND INSPECT OILER AND/OR REPACK AND FILL GREASE CUP: _____ N/A
CHANGE OIL IN MOTOR: YES CLEAN HEAD AND MOTOR: YES
PAINT HEAD AND MOTOR: YES
Flo meter does not work Hersey 7057706
Large Layne base Pump No. 80134
14" casing
8" column
1 3/16 shafting

GRINER DRILLING SERVICE, INC.

TELEPHONE 601/736-6347
 POST OFFICE DRAWER 825
 COLUMBIA, MISS. 39429

PUMPING TEST

Date 04-05-95 Formation Miocene County Pearl River
 Well Observed Meadow Green No. 5 Owner City of Picayune
 Well Pumped Meadow Green No. 5 Average Discharge N/A By 8" x 6" orifice
 Radius N/A Pump On N/A Pump Off N/A
 M.P. At casing access 2.35' above slab

TIME	T (MINS.)	T' (MINS.)	TAPE HELD	WETTED	WATER LEVEL		PSI	IN	GPM	
L-1	AMPS L-2	L-3			6.0'		STATIC	WATER LEVEL		
¢#	¢#	¢#				valve open	7	92	1440	
							10	88	1408	
							20	80	1360	
							30	76	1328	
							40	70	1280	
							50	64	1223	
							55	61	1195	
							60	56	1150	no sand
							70	51	1100	
							80	44	1023	
							90	37	943	
							100	30	857	
							110	15½	627	
							120	9	483	
							130	-	-	
						valve closed	135	-	-	

Observer David McQueen and Garrick Griner