

TRANSMITTED FOR ADP

Coded By JG 1/87 6/88
Checked By _____
Entered By _____
Date _____

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. F153
E-Log No. 67
County HUMPHREYS
Agency _____

168C

WELL RECORD

Agency Code <u>U S G S</u>	Site Id <u>1330545091029371011</u>	Project No. <u>5</u>
Station Name <u>12 SILVER CITY</u>	Latitude <u>93310545</u>	Longitude <u>104091029371</u>
Lat/Long Ac. <u>11 S F M</u>	Dist <u>6=28</u>	State <u>7=28</u>
County <u>8=053</u>	Land Net <u>13 SWSELS347715N1R1013W*</u>	NE/SE/SW
Location Map <u>14 SILVER CITY</u>	Altitude <u>16 115</u>	Met/Meas <u>17 A L M</u>
	Accuracy <u>18 15.1</u>	Hydrologic Unit <u>20=01810310121017</u>

Agency Use <u>803 A 1 0</u>	Date Inventoried <u>711/11/1181/1191816</u>	Station Type <u>Y</u>	Data Type <u>804</u>
Instru. <u>805</u>	Remarks <u>806</u>	Relia. <u>3 C L M U</u>	<u>X</u> <u>2=W</u>

well on standby

Date of Construction <u>21/12/1111/1191816</u>	Well Use <u>23 W</u>	Water Use <u>24 P</u>	Primary Aquifer <u>714 K H S P R T</u>	Hole Depth <u>27/11/310</u>
Well Depth <u>28/10/301</u>	Water Level <u>30/3/11</u>	Water Level Date <u>31/12/1111/1191816</u>	Method <u>34 H</u>	Status <u>37</u>
			Source <u>33 D</u>	

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date <u>60/12/1111/1191816</u>	Contractor <u>63/06/4</u>	Name <u>Loane</u>	Method <u>65 H</u>	Finish <u>66 G</u>
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing <u>77/1101</u>	Bot/Casing <u>78/19716</u>	Diameter <u>79/112</u>
R=76	T=A	725#2	59#1	Top/Casing <u>77/9301</u>	Bot/Casing <u>78/19791</u>	Diameter <u>79/16</u>

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#2	59#1	Top/Depth <u>83/19791</u>	Bot/Depth <u>84/1103101</u>	Diameter <u>87/6</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88/10210</u>
R=82	T=A	726#2	59#1	Top/Depth <u>83</u>	Bot/Depth <u>84</u>	Diameter <u>87</u>	Type <u>85</u>	Length <u>89</u>	Width <u>88</u>

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type <u>43 A</u>	Date <u>38/12/1111/1191816</u>	Intake <u>44/1251</u>
Power <u>45 E</u>	H.P. <u>46/1201</u>	Serial No. <u>49</u>			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership <u>159/12/1111/1191816</u>	Owner Name <u>161 SILVER CITY</u>
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190/06/7</u>	Assigner <u>191 M I S S I D I S T</u>
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / *	Aquifer Sampled 195 SPIRIT	Par. Code 196#00010	Value 197 *
R=192	T=A	738#2	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Par. Code 196#00095	Value 197 *
R=192	T=A	738#3	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Par. Code 196#00400	Value 197 *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#D *	Beg. Depth 200 10 *	End Depth 201 130 *
R=198	T=A	739#1	Log Type 199#E *	Beg. Depth 200 20 *	End Depth 201 26 *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Network Type 706 *	Beg. Year 115 *	End Year 116 *
R=121	T=A	730#1	Analysis 120 *	Agency Source 117 *	Freq. 118 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 / / *	Remarks 185 *
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DISCHARGE DATA

R=146	T=A	147#1	148 2 19 9 6 *	703#P	150 13 4 5 *	272 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 *	Depth Bot. 92 *	Unit Id 93 1245 SPIRIT *
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 *	103 *
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10' dd @ 345gpm 34.5gpm/ft.

Well behind CITY HALL

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	42	CLAY	373	481
F. GREY SAND	42	73	FINE SAND	481	509
C. SAND & PEA GR.	73	105	CLAY	509	533
C. SAND & GRAVEL	105	127	SAND	533	564
COARSE SAND	127	181	CLAY	564	649
CLAY	181	210	SAND	649	798
SANDY CLAY	210	232	CLAY & STK. OF SAND	798	823
CLAY	232	290	SAND	823	925
SAND	290	318	CLAY	925	937
CLAY	318	347	SAND	937	1043
SAND	347	373	IF MORE SPACE IS NEEDED, USE BACK		

CLAY 1043 - 1054
 SAND & STK. OF CLAY 1054 - 1069
 CLAY 1069 - 1100
 SAND & STK. OF CLAY 1100 - 1120
 CLAY 1120 - 1130

22-3439

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

COUNTY WELL LOCATED HUMPHREYS	
WELL NUMBER 2 F 153	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 12-11-86	

PERMIT NUMBER 0003
NAME OF DRILLING FIRM LAYNE-CENTRAL CO.
CLEVELAND, MS

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER		
TOWN OF SILVER CITY		
P.O. BOX 65		
SILVER CITY, MS 39166		
WELL LOCATION: SEC	TOWNSHIP	RANGE
34	15 N	3 W
DISTANCE	DIRECTION	NEAREST TOWN
	IN TOWN	SILVER C.
OTHER LANDMARK BEHIND CITY HALL		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. MUNICIPAL		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>20</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
300	5	125 FT.
PUMP TEST		
Well yielded <u>345</u> GPM with a drawdown of <u>9' 11"</u> ft. after <u>8</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1034' 9"	12"	976'
Type of Casing	Hole Depth	Depth to Static Water Level
ST. ST.	1130'	31'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing 930 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log LAYNE GEOLOGICAL SERVICE	
GEOLOGIC DATA (Office Use Only)	
Surface Elevation	Depth to Top
Subs. SWL	Analysis
Driller's Remarks JUN 07 1988	
Department of Natural Resources Bureau of Land & Water Resources	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6"	50' 9"	.020
Screen Type	Depth to Bottom - Feet	
BAR WELD ST. ST.	54' 9"	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)	FROM		TO	
CLAY		0		42	CLAY		373		481
F. GREY SAND		42		73	FINE SAND		481		509
C. SAND & PEA GR.		73		105	CLAY		509		533
C. SAND & GRAVEL		105		127	SAND		533		564
COARSE SAND		127		181	CLAY		564		649
CLAY		181		210	SAND		649		798
SANDY CLAY		210		232	CLAY & STK. OF SAND		798		823
CLAY		232		290	SAND		823		925
SAND		290		318	CLAY		925		937
CLAY		318		347	SAND		937		1043
SAND		347		373	IF MORE SPACE IS NEEDED, USE BACK				

CONTINUED.....ON BACK.....

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAR/CAH DATE: 12/13/94
UNIT DEQ #: 82555 FILE #: C121317A
HEALTH DEPT. #: 270007-02 ELEV. 110

USGS #: _____ OLWR #: _____

OWNER: Town of Silver City QUAD: Silver City

LOCATION: SE/SW S 34 T 15N R 3W COUNTY: Hempstead

LOCATION DESCRIPTION: Well located at elevated tank on
mims N. by FENCE AREA

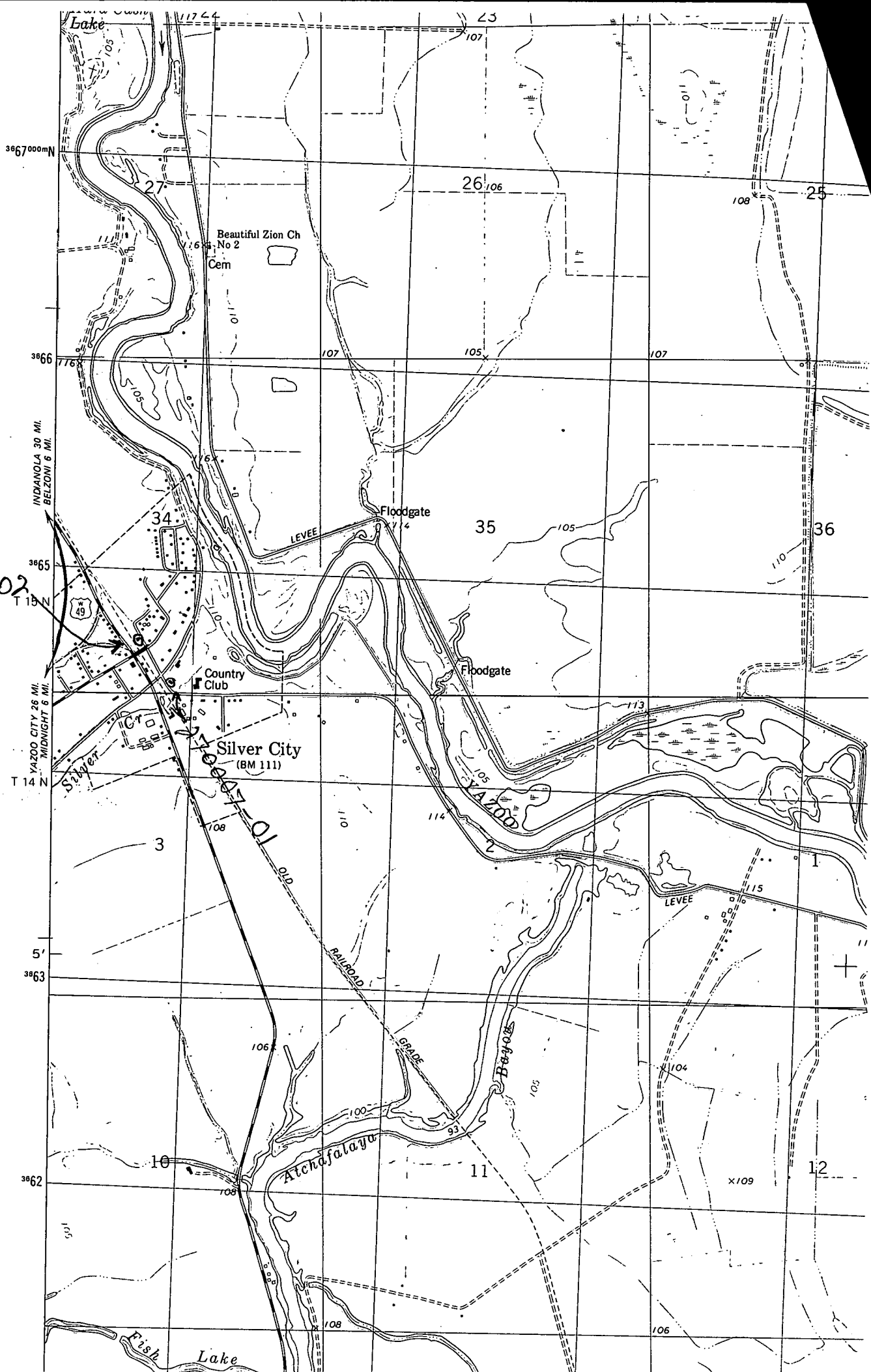
CASING DIA: _____ PUMP TYPE & SIZE: Turbine Elec. 120

GPS FIELD LOCATION: LAT. 33° 05.51 N LONG. 90° 29.46 W

GPS CORRECTED LOCATION: LAT. 33.09732302 LONG. 90.49592894

REMARKS: SEE well # 1 for directions. From Hwy
49W go .6 miles on mims N. ^P elevated
Tank.

270007-02



INDIANOLA 30 MI.
BELZONI 6 MI.

YAZOO CITY 26 MI.
MIDNIGHT 6 MI.

Beautiful Zion Ch
No 2
Cem

Country
Club

Silver City
(BM 111)

Floodgate

Floodgate

LEVEE

LEVEE

GRADE

RAILROAD

Atchafalaya

Bayou
Bayou

Fish
Lake