

GW 15422  
00270007-04

Coded by BRR 1/99  
Checked by JPS 03-19-99  
Entered by JPS 03-19-99  
Date 5/99

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. J95  
E-Log No. 1  
County Humphreys  
Agency Silver City  
Quad

WELL RECORD

Agency Code U S G S				Site ID 1= 330539090300401												Project No. 5=			
Station Name 12= J095 SILVER CITY																Latitude 9= 330539			

Longitude 10= 0903004				Lat/Long Ac. Lat/Long Met. Lat/Long Datum 11= F 35= M 36= NAD27				Dist Code 6= 28		State Code 7= 28		County Code 8= 053			
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NE NE

Land Net Location 13= NWNWS03T14NR03W												Meridian : I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington			
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ND

Location Map 14= MIDNIGHT				Altitude 16= 113				Accuracy 18= 5		Method Meas. 17= M			
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Altitude Datum 22= NGVD29				Hydrologic Unit 20= 08030207				Topo Set. 19=		Agency Use 803= A I 0		Date Invented 711=			
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Station Type 802=		Data Type -Y-		Gr. Time 804= A I 0		Loc. Time 813= -06 814= Y		Web-R 32=		Reliability 3= C L M U		Date of Construction 21= 08-28-1998			
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Well Use 23= W		Water Use 24= P		Primary Aquifer 714= 124M U W X				Hole Depth 27= 1066.		Well Depth 28= 1054.			
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CONSTRUCTION DATA R=58 T=A 723#1				Construction Date 60= 08-28-1998				Contractor 1071				Method 65= H		Finish 66= G	
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CONSTRUCTION CASING DATA R=76 T=A 725#1 59#1				Top/Casing 77= 0.				Bottom/Casing 78= 986.				Diameter 79= 8.			
R=76 T=A 725#2 59#1				77= 940/986				78= 1004.				79= 6.			

West well @  
new elw. TK  
MSGW 15422

CONSTRUCTION OPENINGS DATA R=82 T=A 726#1 59#1				Top/Depth 83= 1004.				Bottom/Depth 84= 1054.				Diameter 87= 6.		Type 85= S		Length 89=		Width 88= .025.	
R=82 T=A 726#2 59#1				83=				84=				87=		85=		89=		88=	

CONSTRUCTION LIFT DATA R=42 T=A 254#1				Lift Type 43= S				Date 38= 08-28-1998				Intake 44= 100			
Power 45= E.		H.P. 46= 30.		Serial No. 49=											

MISCELLANEOUS OWNR DATA R=158 T=A 718#1				Date of Ownership 159= 08-28-1998				Owner Name 161= SILVER CITY			
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MISCELLANEOUS OTHER ID DATA R=189 T=A 736#1				E-Log No. 190=				Assigner 191= M I S S I S S I D I S T			
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MISCELLANEOUS LOGS DATA R=198 T=A 739#1				Log Type 199= D				Beg. Depth 200= 0.				End Depth 201= 1066.			
R=198 T=A 739#2				199=				200=				201=			

MISCELLANEOUS NETWORK DATA 706-QW,WL,WD

Beg. Year      End Year      Agency Source      Freq.

R=114 T=A 730#1    115=    116=    120=A    117=    118=

Beg. Year      End Year      Agency Source      Freq.

R=121 T=A 730#2    115=    116=    117=    118=

MISCELLANEOUS REMARKS DATA

Date of Remarks      Remarks

R=183 T=A 311#1    184=    185=

DISCHARGE DATA

Date      Type      Discharge

R=146 T=A Pump/Flow 147#1    148= 08-28-1998    703= P F    150= 200  
300

Meth. Dis.      Static Water Level      Source WL      Sp. Capacity

152=    154=    155=    272=

GEOHYDROLOGIC DATA

Depth Top      Depth Bottom      Unit ID

R=90 T=A 721#1    91= 956.    92=    93= 124muwx    304=P

HYDRAULIC DATA

Unit Tested

R=98 T=A 790#1    100=    103=

HISTORICAL WATER LEVEL DATA

Date      Water Level      Source

R=234 T=A    235= 08-28-1998    237= 36.    243=L    239= D

(5 stage pump)

See Driller's log for J95

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	28	Sandy shale & lignite	275	300
Soft shale	28	42	Sand & lignite	300	413
Sand & shale	42	69	Sandy shale	413	440
Coarse sand	69	153	Hard shale & sand stks	440	485
Gravel & coarse sand	153	182	Sand & soft shale	485	510
Rock	182	183	Shale	510	525
Gravel	183	220	Sandy shale	525	540
Sandy shale	220	225	Shale	540	608
Hard shale	225	240	Sand	608	800
Sandy shale	240	250	Shale & sand	800	825
Hard shale & lignite	250	275			

ADDITIONAL INFORMATION

Sand	825	940
Clay	940	956
Sand	956	1052
Clay	1052	1066

J-95

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Office of Land and Water Resources

COUNTY WELL LOCATED  
**HUMPHREYS**

WELL NUMBER  
**2**

CODED

PERMIT NUMBER  
**GW-15422**

NAME OF DRILLING FIRM  
**LAYNE-CENTRAL, a division of**

DATE WELL COMPLETED  
**7/17/98**

NAME OF DRILLING FIRM  
**Layne Christensen Company**

WATER WELL DRILLERS LOG

P. O. Box 10631  
Jackson, MS 39289-0631

NAME & MAILING ADDRESS OF LANDOWNER

**TOWN OF SILVER CITY**

**P.O. BOX 65**

**SILVER CITY, MS 39166**

WELL LOCATION SEC **B3** TOWNSHIP **14 N** RANGE **3 W**

DISTANCE **14 N** DIRECTION **14 N** NEAREST TOWN

IN TOWN

OTHER LANDMARK  
*West Well*

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**MUNICIPAL**

PUMP DATA

PUMP TYPE (Circle One):  
 Submersible,  Turbine,  Jet,  Flowing Well,  
Other (Describe)

POWER TYPE (Circle One):  
 Electric,  Tractor,  Diesel,  Gasoline,  Butane,  
Other (Describe) H/P **15**

Pump Capacity (GPM) **200** No. of Stages **7** Setting Depth **100** FT.

PUMP TEST

Well yielded **NOT TESTED** GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

WELL DATA

Well Depth <b>1054'</b>	Casing Diameter (In.) <b>8"</b>	Casing Length (Ft.) <b>986'</b>
Type of Casing <b>STEEL</b>	Hole Depth <b>1071'</b>	Depth to Static Water Level <b>41'</b>

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other  
(Describe)

WELL GROUTED TO A DEPTH OF **986** FEET  
Type Grout (circle one):  Cement,  Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One):  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  
Other (Describe)

Name of Organization Running Log  
**MS OFFICE OF GEOLOGY**

SCREEN DATA

Diameter - Inches <b>4"</b>	Length - Feet <b>50'6"</b>	Slot Size - Inches <b>.025</b>
Screen Type <b>STAINLESS STEEL</b>	Depth to Bottom - Feet <b>1054'</b>	

GEOLOGIC DATA (Office Use Only)

Surficial Geologic Unit: \_\_\_\_\_ Depth to Top \_\_\_\_\_

Subs. \_\_\_\_\_ Date \_\_\_\_\_ Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

Driller's Remarks  
**JAN 04 1999**

Top of \_\_\_\_\_  
Dept. of Environmental Quality  
Office of Land & Water Resources

FEET IF FEELS MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay & soft shale	0	47	Clay	476	480
Sand & shale	47	69	Green sand	480	535
Sand & pea gravel	69	113	Sandy shale	535	543
Rock	113	116	Sand	543	565
Sand & pea gravel	116	130	Sandy shale	565	622
Sand	130	235	Sand	622	702
Sandy shale	235	245	Sand & lignite	702	807
Sandy shale & lignite	245	330	Clay & sandy shale	807	840
Hard shale	330	335	Sand & lignite	840	942
Sandy shale & lignite	335	403	Clay	942	955
Green sand	403	476			

IF MORE SPACE IS NEEDED, USE BACK

Continued ..

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Sand	955	1056
Clay & sandy shale	1056	1071

RECEIVED

1950

Office of Land & Water Resources  
Dept. of Environmental Control

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

**Department of Environmental Quality  
Office of Land and Water Resources**

**Ground Water Permit  
General Report**

**Permit Number: MS-GW-15422**

**County:** HUMPHREYS

**Owner:** SILVER CITY, TOWN OF

**Aquifer:** SPRT

**USGS No:** J0095

**BOH No:** 0270007-04

**Location:** NW 1/4 of the NW 1/4 of SEC 03 TWN 14N RNG 03W **Lat:** 330542 **Long:** 902955

**Quad:** SILVER CITY

**District:** N/A

**Date Issued:** 27-JUL-99

**Date Renewed:**

**Date Expired:** 27-JUL-09

**Applicant:** SILVER CITY, TOWN OF

**Owner:** SILVER CITY, TOWN OF

**Address 1:** P. O. BOX 65

**Address 1:** P. O. BOX 65

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** SILVER CITY

**City:** SILVER CITY

**State:** MS **Zip:** 39166

**State:** MS **Zip:** 39166

**Driller:** LAYNE-CENTRAL

**Maximum Rate:** 200

**Amount Withdrawn Acre feet:** 22.4064

**Amount Withdrawn Mgd:** .02

**Use**

MUNICIPAL

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 986

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 4

**Length:** 50

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S) : RLB                      DC                      DATE : nov 6-2001

UNIT DEQ # : \_\_\_\_\_                      FILE # : \_\_\_\_\_

HEALTH DEPT. # : 270007-04                      ELEVATION :

USGS # : J95                      OLWR # : GW-15422

OWNER : SILVER CITY                      QUAD : SILVER CITY

LOCATION : NW NW                      S 03 T 14N R 3W COUNTY Humphreys  
HUMPHEYS

LOCATION DESCRIPTION : West well

\_\_\_\_\_

CASING DIA : 8                      PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT . 33.09487                      LONG. -90.49870

GPS CORRECTED LOCATION : LAT 33 05 42                      . LONG. 90 29 55

REMARKS :

\_\_\_\_\_

\_\_\_\_\_

DEPARTMENT OF ENVIRONMENTAL QUALITY - CIVIL

PUBLICLY HELD HEARING

1988

PROJECT NAME (SEE PAGE 1)

DATE OF HEARING

LOCATION OF PROJECT

OWNER

PROJECT DESCRIPTION

LOCAL JURISDICTION

PROJECT NUMBER

LOCAL JURISDICTION

PROJECT NAME

PROJECT LOCATION

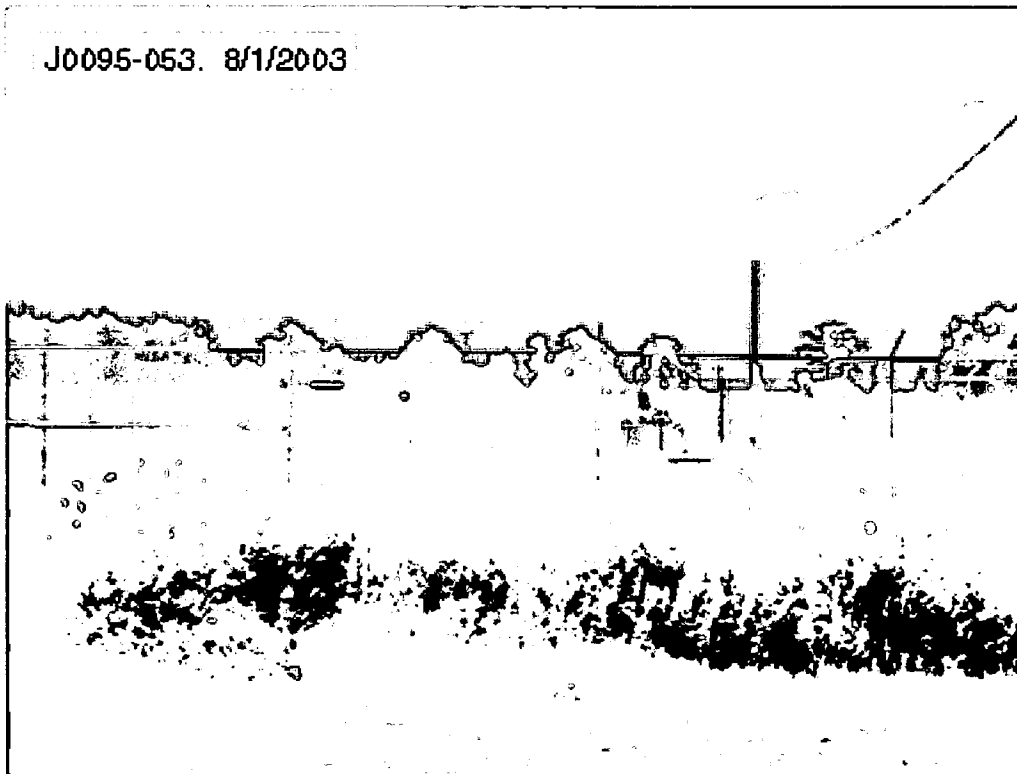
PROJECT DESCRIPTION

PROJECT NUMBER

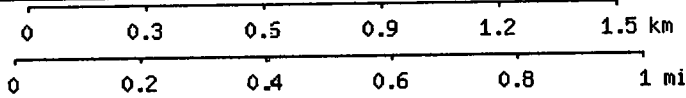
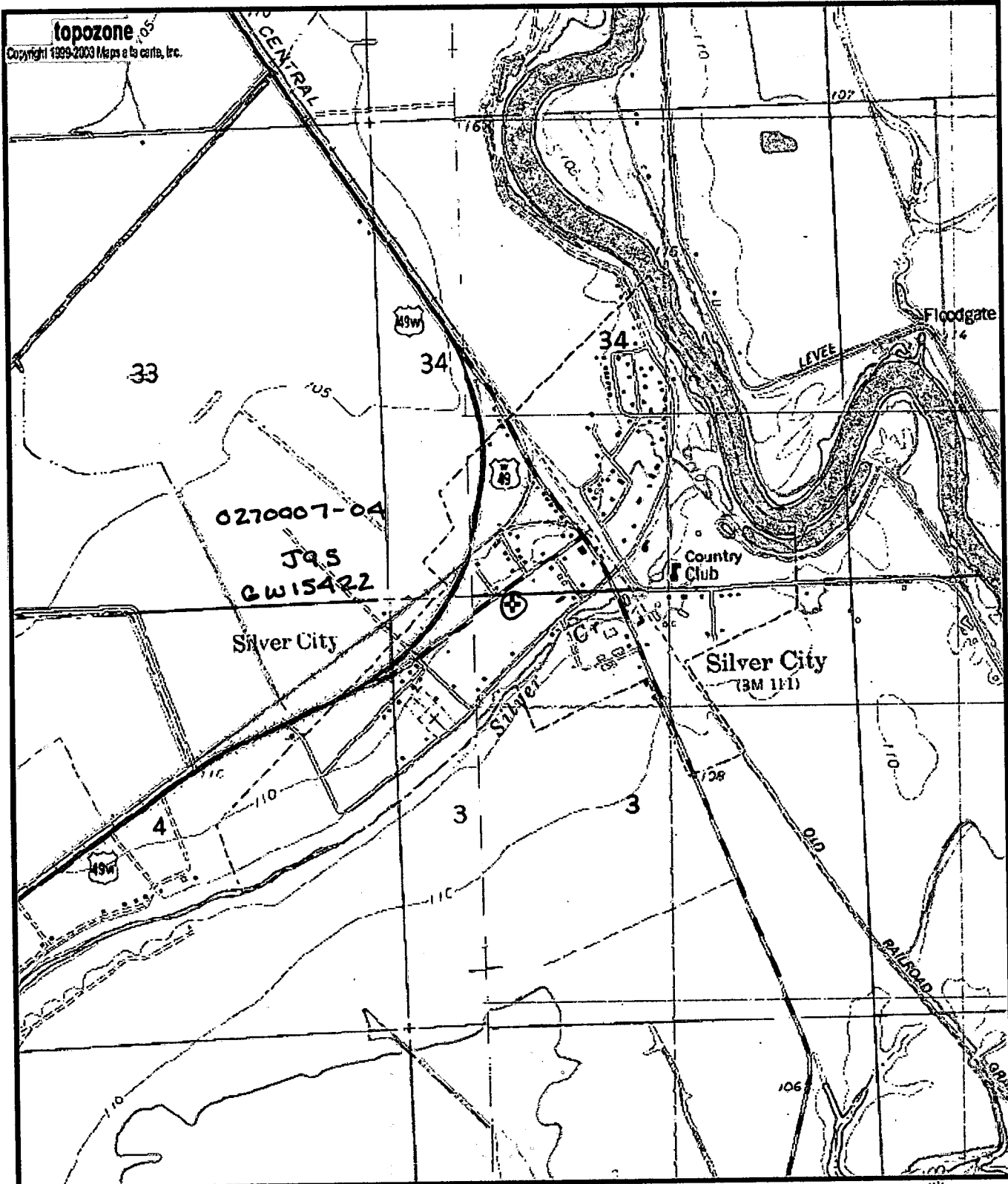
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J0095-053. 8/1/2003







Map center is 33° 05' 42"N, 90° 29' 55"W (WGS84/NAD83)  
**Silver City** quadrangle - TopoZone Pro elevation display  
 Projection is UTM Zone 15 NAD83 Datum

M=0.703  
 G=1.367