

GW15423
0270007-03

Coded By Q 7/98
Checked By JRY 02-05-99
Entered By JK
Date 7/99

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 83 Well No. F158
County Humphreys
Agency

Silver City Quad
East Well

WELL RECORD

Agency Code U S G S Site Id 1 33054509101291491011 Project No. 54

Station Name 12 F158 SILVER CITY Latitude 9 330545 Longitude 1049101291491

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County NE SW Land Use 13 FLSW S314T1 (5N R03W) Z P

Location Map 14 SILVER CITY Altitude 113 Met/Meas 17 A L N Accuracy 18 15 Hydrologic Unit 20 0803012017

Agency Use 803 A I O Date Inventoried 711 7/1/99 Station Type 4 Y Data Type 804

Instru. 905 Remarks 806 Relia. 3 C M U 2 W X

Date of Construction 21 06/19/98 Well Use 23 W Water Use 24 P Primary Aquifer 714 24 SPRT Hole Depth 27 1066

Well Depth 28 1066 Water Level 30 Water Level Date 31 Method 34 Status 37 Source 33

CONSTRUCTION DATA
Construction Date 60 07/17/99 Contractor 63 964 Name LATHE Method 65 H Finish 66 G

CONSTRUCTION CASING DATA
Top/Casing 77 996 Bot/Casing 78 986 Diameter 79 12" CLEVELAND
MSGW 15423

Top/Casing 77 920 Bot/Casing 78 1004 Diameter 79 6"

CONSTRUCTION OPENINGS DATA
Top/Depth 83 1004 Bot/Depth 84 1054 Diameter 87 6" Type 85 S Length 89 Width 88 1025

Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA
R=42 T=A 254#1 Lift Type 43 S Date 38 07/17/99 Intake 44 1101

Power 45 E H.P. 46 115 Serial No. 49

MISCELLANEOUS OWNER DATA
Date of Ownership 159 07/17/99 Owner Name 161 SILVER CITY

MISCELLANEOUS OTHER ID DATA
E-Log No. 190 0831 Assioner 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196#00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	Sp Cond	196#00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196#00400	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Geo. Depth	2004 125	End Depth	2014 10160
R=198	T=A	739#1	Log Type	199#D	Geo. Depth	2004 101	End Depth	2014 10714

MISCELLANEOUS NETWORK DATA *106 = QW WL WD **

R=114	T=A	730#1	Req. Year	1154 9	End Year	1164 9	Agency Source	120=A	117#	Freq.	118#
R=121	T=A	730#2	Req. Year	1154 9	End Year	1164 9	Agency Source	117#	Freq.	118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	1844	Remarks	1854
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	1484 97 117 119 98	Type	703#P	Discharge	300	So. Capacity	1504 200	2724
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	914 1955	Depth Bot.	924 1956	Unit Id	154 = 4H * 155 = D *	934 1214 51 121	304 =
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	1004	1034
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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	Sand	955 1056
			Clay & sandy shale	1056 1071

See Drillers log for F158

F-158

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
HUMPHREYS

WELL NUMBER **1** CODE

DATE WELL COMPLETED
8/28/98

PERMIT NUMBER
GW-15423

NAME OF DRILLING FIRM
LAYNE-CENTRAL, a division of
Layne Christensen Company

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
TOWN OF SILVER CITY

P.O. BOX 65

SILVER CITY, MS 39166

WELL LOCATION: SEC **134** TOWNSHIP **5N** RANGE **3W**

DISTANCE IN TOWN _____ DIRECTION _____ NEAREST TOWN _____

OTHER LANDMARK
East 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 **30**

Pump Capacity (GPM)	No. of Stages	Setting Depth
300	5	100 FT.

PUMP TEST

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

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1054'	12"	996'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1066'	36'

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

WELL GROUTED TO A DEPTH OF **996 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
LAYNE GEOSCIENCES, INC.

RECEIVED (Stamp)

Surface	Date	Analysis	Analysis Test

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8" 6"	50'	.025
Screen Type	Depth to Bottom - Feet	
STAINLESS STEEL	1054'	

Driller's Remarks **JAN 04 1999**

Dept. of Environmental Quality
Office of Land and Water Resources

Top of Log _____ FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)		FROM	TO
	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET
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						

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	825	940
Clay	940	956
Sand	956	1052
Clay	1052	1066

RECEIVED

JUN 14 1989

Office of Land & Water Resources
Dept. of Environmental Quality

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-15423

County: HUMPHREYS

Owner: SILVER CITY, TOWN OF

Aquifer: SPRT

USGS No: F0158

BOH No: 0270007-03

Location: SE 1/4 of the SW 1/4 of SEC 34 TWN 15N RNG 03W **Lat:** 330548 **Long:** 902950

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: 300

Amount Withdrawn Acre feet: 33.6096

Amount Withdrawn Mgd: .03

Use

MUNICIPAL

Casing

Type: STEEL

Diameter: 12

Length: 996

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 50

Department of Environmental Sciences
University of California, Berkeley

Environmental Sciences
Department

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**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. # : 270007-03 ELEVATION :

USGS # : f158 OLWR # :ms-gw-15425

OWNER : SILVER CITY QUAD :SILVER CITY

LOCATION : SE SW S 34 T 15N R 3W COUNTY *Humphreys*
HUMPHREYS

LOCATION DESCRIPTION : EAST WELL, @ WATER TANK

CASING DIA : 12 PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT . 33.09664 LONG. 90.49711

GPS CORRECTED LOCATION : LAT 33 05 48 . LONG. 90 29 50

REMARKS :

DEPARTMENT OF ENVIRONMENTAL QUALITY - OIL AND GAS

WELL IDENTIFICATION REPORT

WELL LOG

WELL NAME: [REDACTED]

WELL ID: [REDACTED]

WELL DEPTH: [REDACTED]

WELL TYPE: [REDACTED]

WELL STATUS: [REDACTED]

WELL LOCATION: [REDACTED]

WELL OPERATOR: [REDACTED]

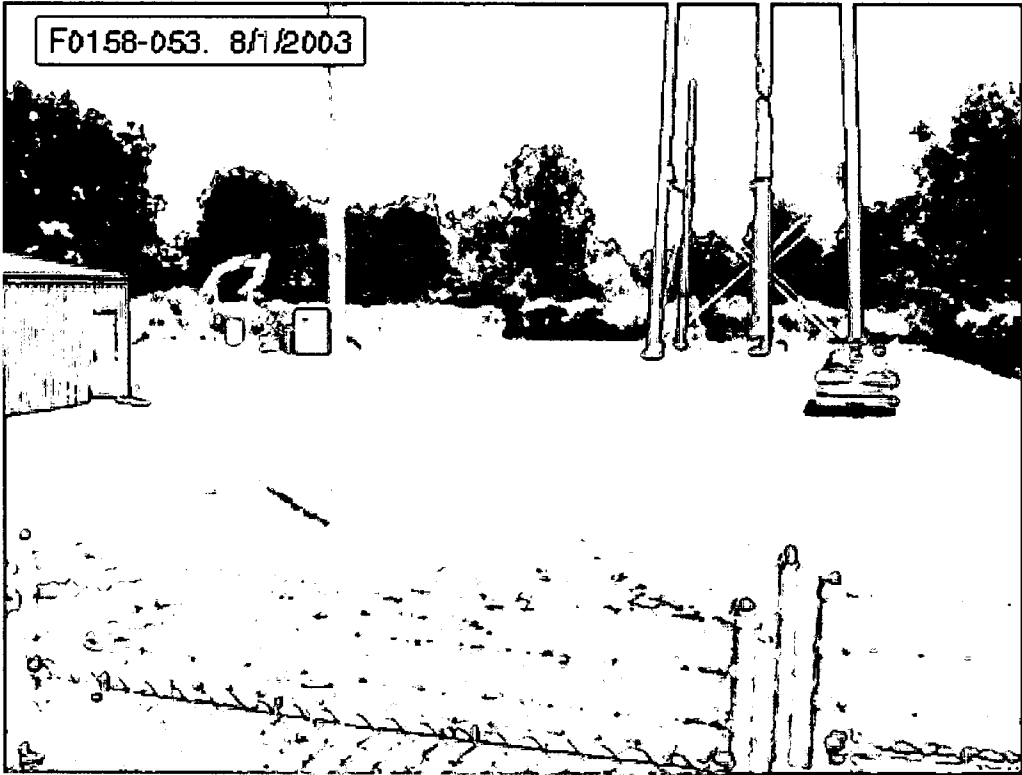
WELL TYPE: [REDACTED]

WELL DEPTH: [REDACTED]

WELL STATUS: [REDACTED]

WELL ID: [REDACTED]

F0158-053. 8/1/2003



TopoZone.com

Target is 33° 05' 48"N, 90° 29' 50"W - SILVER CITY quad [Quad Info]

