

6W14570 0370017-01

Hattiesburg SW Quad

Coded By 0491  
Checked By 984 9-13-91  
Entered By LSC  
Date

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 182  
County LAMAR  
Agency

Well No. E225

WELL RECORD

Agency Code U S G S Site Id 1311192408926460111 Project No. 5

Station Name 12 E225 W LAMAR W IA Latitude 9 3111924 Longitude 10 0892646

Lat/Long Ac. 11 S(F) T M Dist 6=28 State 7=28 County SW 8 073 Land Net 13 N E S W S 10 7 1 10 4 N I R 1 1 4 W

Location Map 14 HATTIESBURG SW Altitude 16 3981 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 10311701010171

Agency Use 803 A I O Date Inventoried 711 Station Type 4 Y Data Type 804

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

Date of Construction 21 06/19/1991 Well Use 23 W Water Use 24 P Primary Aquifer 714 22 T H L L Hole Depth 27

Well Depth 28 1256 Water Level 30 2421 Water Level Date 31 07/31/1991 Method 34 Status 37 Source 33 D

using MOCN (11/01)  
WA

CONSTRUCTION DATA R=58 T=A 723#1 Construction Date 60 07/25/1991 Contractor 63 455 Name Herndon Method 65 H Finish 66 S

CONSTRUCTION CASING DATA R=76 T=A 725#1 59#1 Top/Casing 77 101 Bot/Casing 78 1195 Diameter 79 12

R=76 T=A 725#2 59#1 Top/Casing 77 11101 Bot/Casing 78 11916 Diameter 79 18

CONSTRUCTION OPENINGS DATA R=82 T=A 726#1 59#1 Top/Depth 83 1195 Bot/Depth 84 1256 Diameter 87 18 Type 85 S Length 89 Width 88 102101

R=82 T=A 726#2 59#1 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 T Date 38 08/10/1991 Intake 44 13601

Power 45 E H.P. 46 100 Serial No. 49

MISCELLANEOUS OWNER DATA R=158 T=A 718#1 Date of Ownership 159 08/10/1991 Owner Name 161 WEST LAMAR W IA

MISCELLANEOUS OTHER ID DATA E-Log No. Assigner

F225

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 017 / 31 / 1199 11	Aquifer Sampled 195# 1222CITMHL4	Temp 196#00010	Value 197# 216 15
R=192	T=A	738#2	Date of Measurement 1934 017 / 31 / 1199 11	Aquifer Sampled 195# 1222CITMHL4	Sp Cond 196#00095	Value 197# 1290 1
R=192	T=A	738#3	Date of Measurement 1934 017 / 31 / 1199 11	Aquifer Sampled 195# 1222CITMHL4	pH 196#00400	Value 197# 81 17

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199# E	Req. Depth 200# 1 H 21	End Depth 201# 1 2710 1
R=198	T=A	739#1	Log Type 199# D	Req. Depth 200# 1 10	End Depth 201# 1 210 1

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	706 = QW WL WD *	Beg. Year 1154 1 9 11	End Year 1164 1 9 11	Agency Source 120=A 117#	Freq. 118# 1
R=121	T=A	730#2	Beg. Year 1154 1 9 11	End Year 1164 1 9 11	Agency Source 117#	Freq. 118# 1	

MISCELLANEOUS REMARKS DATA

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

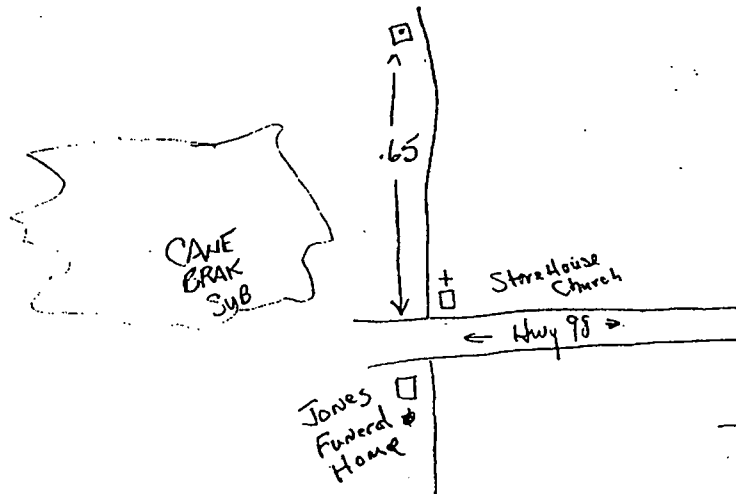
R=146	T=A	Pump/Flow 147#1	Date 148# 08 / 10 / 1199 11	Type 703# P	Discharge 150# 1 5010 1	Sp. Capacity 272# 1 61 14
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 1 193	Depth Bot. 92# 1 2610 1	Unit Id 93# 1 222CITMHL4	304# P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / / / /	103# 1
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DESCRIPTION OF FORMATION (USGS SYMBOL)	FROM	TO	FORMATION CONTINUED	FROM	TO
Top Soil (Red Clay)	0	2	Sand	632	730
Sand & Streaks of Clay	2	49	Clay with Streaks of Sand	730	896
Grey Clay	49	95	Sand	896	1020
Sand	95	165	Sandy Clay	1020	1081
Grey Clay	165	200	Sand	1081	1120
Sand	200	235	Sand & Streaks of Clay	1120	1190
Clay	235	322	Sand	1190	1260
Clay	322	372	Clay		
Clay	372	560			
Sand	560	580			
Clay	580	632			

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Lamar</b>		PERMIT NUMBER
WELL NUMBER <b># 3</b>	CODED <input checked="" type="checkbox"/>	
DATE WELL COMPLETED <b>9-24-91</b>		NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
		<b>Pearl, Mississippi</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>West Lamar Water Assn.</b>		
<b>7195 U. S. Hyw. 98, Su. 2</b>		
<b>Hattiesburg, MS 39402</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>SE1/4, NW1/4</b>	<b>7 N</b>	<b>14 E</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>NE1/4</b>	<b>SW1/4</b>	<b>Hattiesburg</b>
OTHER LANDMARK <b>Cole Road</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <b>Turbine</b> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <b>Electric</b> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <b>H/P 100</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>517</b>	<b>12</b>	<b>360</b> FT.
PUMP TEST		
Well yielded <b>517</b> GPM with a drawdown of <b>76</b> ft. after <b>24</b> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>1256</b>	<b>12</b>	<b>1195</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel T&amp;C</b>	<b>1256</b>	<b>245.5</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing		
<b>1110.34</b> FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <b>Electric</b> , <b>Gamma Ray</b> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>Herndon Well &amp; Supply, Pearl</b>	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>8</b>	<b>61.24</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>S.S.</b>	<b>1256</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. S			Quifer Test
Driller's			
<b>RECEIVED</b>			
<b>JAN 04 1993</b>			
<b>Dept. of Environmental Quality</b> <b>Bureau of Land &amp; Water Resources</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil (Red Clay)	0	2	Sand	632	750
Sand & Streaks of Clay	2	49	Clay with Streaks/Sand	750	896
Grey Clay	49	95	Sand	896	1020
Sand	95	145	Sandy Clay	1020	1085
Grey Clay	145	200	Sand	1085	1120
Sand	200	235	Sand & Streaks of Clay	1120	1190
Clay	235	322	Sand	1190	1260
Sand	322	372	Clay	1260	
Clay	372	560			
Sand	560	580			
Clay	580	632			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg SW  
Quad.

GPS LOG

USER NAME(S): Hotubeak / Hotubeak DATE: 6/13/96  
7/20/94

UNIT DEQ #: 82555 / 82859 FILE #: 8061319A  
C072021A

HEALTH DEPT. #: 370017-01 ELEV. 410

USGS #: 268 E225 OLWR #: GW 14570

OWNER: West Lemat Water Assn. / System # 2 - Lake Serene

LOCATION: NE-SW S 7 T 4N R 14W COUNTY: Lemat

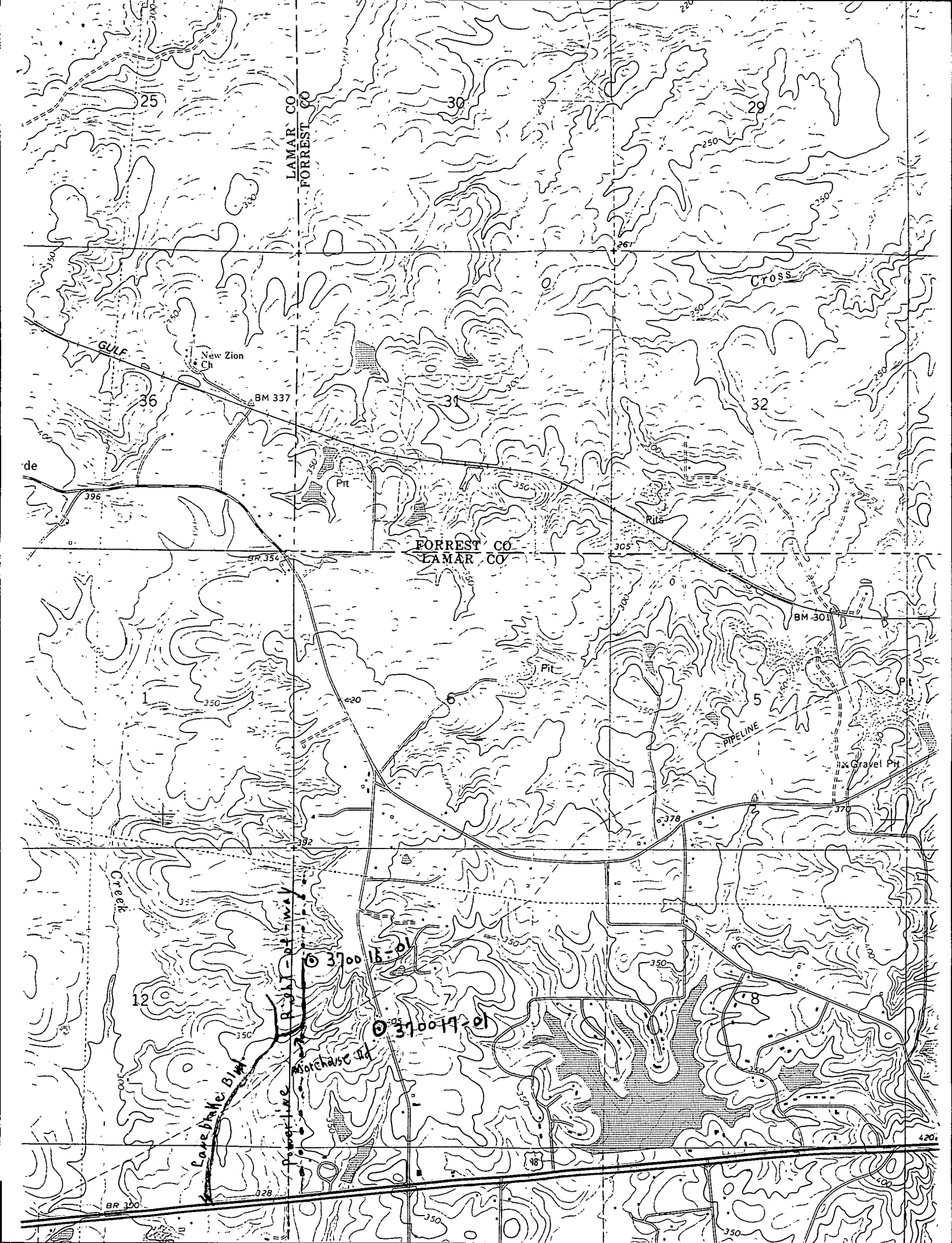
LOCATION DESCRIPTION: ON west side of Cole Rd. .65 mi. North of  
Hwy 98. Cole Rd is 1.7 mi. East of Hwy 589.

CASING DIA: 12" PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 19.300 LONG. 89° 26.470  
31° 19.526 89° 26.800

GPS CORRECTED LOCATION: LAT. 31.32498781 LONG. 89.44656100

REMARKS: GPS at well,  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



25

30

29

LAMAR CO  
FORREST CO

GULF

New Zion  
Ch

BM 337

36

31

32

de

396

Pit

FORREST CO  
LAMAR CO

365

BR 354

RUE

BM 301

1

350

420

Pit

5

PIPELINE

Gravel Pit

Creek

392

3700 16-01

3700 17-01

12

Lowe Brake Bldg  
Power Line

Warehouse

350

378

BR 350

328

48

420

350