

Coded By 0 291  
Checked By 988 930-91  
Entered By  
Date

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 46  
County COAHOMA  
Agency

Well No. C41  
140003-02

WELL RECORD

Agency Code <u>U S I G I S</u>		Site Id <u>134220509031220111</u>				Project No. <u>5111111111</u>			
Station Name <u>12 COAHOMA</u>						Latitude <u>934221051</u>		Longitude <u>1040910311221</u>	
Lat/Long Ac. <u>11 S F T M</u>		Dist <u>6=28</u>	State <u>7=28</u>	County <u>8=0271</u>	Land Net <u>13 SESEIS2101219W1R103W1</u>				
Location Map <u>14 COAHOMA</u>			Altitude <u>16 1177</u>		Met/Meas <u>17 A U M</u>	Accuracy <u>18 151</u>		Hydrologic Unit <u>20 1081031021014</u>	
Agency Use <u>803 A 10</u>		Date Inventoried <u>711 / /</u>			Station Type <u>J I I I Y</u>		Data Type <u>804</u>		
Instru. <u>805</u>	Remarks <u>806</u>				Relia. <u>3 C L M U</u>		<u>2=11 X</u>		
Date of Construction <u>21 02 / 12 / 1991</u>		Well Use <u>23 W</u>	Water Use <u>24 P</u>	Primary Aquifer <u>714 124 MU W X 1</u>		Hole Depth <u>27 111371</u>			
Well Depth <u>28 110641</u>	Water Level <u>30 23</u>	Water Level Date <u>31 06 / 07 / 1991</u>		Method <u>34</u>	Status <u>37</u>	Source <u>33 D</u>			

CONSTRUCTION DATA

Construction Date <u>60 06 / 10 / 1991</u>		Contractor <u>63 0211</u>		Name <u>Herndon</u>		Method <u>65 14</u>	Finish <u>66 01</u>
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77# 1101	78# 10301	79# 181
R=76	T=A	725#2	59#1	77# 19701	78# 10341	79# 141

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83# 10341	84# 10641	87# 14	85 S	89	88# 1921
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 <u>43 E</u>	Date <u>38 01 / 10 / 1991</u>		Intake <u>44 11471</u>
Power <u>45 FL</u>	H.P. <u>46 115</u>	Serial No. <u>49</u>				

MISCELLANEOUS OWNER DATA

Date of Ownership <u>159 06 / 17 / 1991</u>		Owner Name <u>161 COAHOMA</u>							
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190 3416</u>		Assigner <u>191 M I S S 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#                 .	Temp 196#00010	Value 197#           .
R=192	T=A	738#2	Date of Measurement 1934     /     /       .	Aquifer Sampled 195#                 .	Sp Cond 196#00095	Value 197#           .
R=192	T=A	738#3	Date of Measurement 1934     /     /       .	Aquifer Sampled 195#                 .	pH 196#00400	Value 197#           .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Req. Depth 200# 1156   .	End Depth 201# 1139   .
R=198	T=A	739#1	Log Type 199#D	Req. Depth 200# 1101   .	End Depth 201# 1137   .

MISCELLANEOUS NETWORK DATA

706 = QW - WL - WD \*

R=114	T=A	730#1	Req. Year 115# 1 9     .	End Year 116# 1 9     .	Agency Source 120=A 117#           .	Freq. 118#   .
R=121	T=A	730#2	Req. Year 115# 1 9     .	End Year 116# 1 9     .	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	Pump/Flow 147#1	Date 148# 06 / 07 / 1991   .	Type 703# P	Discharge 150# 1199     .	So. Capacity 272# 1216   .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 1080     .	Depth Bot. 92#           .	Unit Id 93# 124MWWX   .	304#P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                 .	103#   .
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Well # 2 (West of Hwy 61 & RR near Church) NE of)

Bureau of Land & Water Resources			
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION (Continued)
Brown Clay	0	6	Gray Clay
Coarse Sand	6	95	Rock 1"
Sand & Gravel	95	150	Gray Rock & Sand Strks
Blue Clay/Sand Strks	150	195	Rock 1"
Sand w/Pew Sand Strks	195	407	Gray Clay & Sand Strks
Clay & Sand Strks	407	726	Rock 1"
Rock 2"	726	732	Gray Clay & Sand Strks
Gray Clay	726	732	Sand w/Pew Clay Strks
Rock 5"	732	736	Gray Clay
Gray Clay	732	736	
Rock 2"	736	736	

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COAHOMA QUP  
U.S.G.S. E-103#4

COUNTY Coahoma

WELL OWNER Town of Coahoma

CHECKED

U.S.G.S. NO. C41

10/21/94

B.O.H. NO 140003-02

11/18/94

OLWR NO. \_\_\_\_\_

LOCATION:

MAP NW, NE, SE, SE Sec 20, T29 N, R3 W

GPS ✓C072721A

ELEV. (MSL) 177'

10/21/94

W.L. (L.S.) (1) 30-4.45=25.55-2.30=-23.25

10/21/94

(2) 31-5.45=25.55-2.30=-23.25

10/21/94

HEAD (MSL) 177-23.25=+153.75

10/21/94

SCREENED INTERVAL 1,034' to 1,064' (-857' to -887')

10/24/94

AQUIFER VERIFIED MERIDIAN - UPPER WILCOX

10/24/94

PREVIOUS W.L. -23' (1991)

10/21/94

DATA ENTERED \_\_\_\_\_

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**

Bureau of Land and Water Resources

COUNTY WELL LOCATED <b>Coahoma</b>		PERMIT NUMBER
WELL NUMBER <b>2C41</b>	CODED <input checked="" type="checkbox"/>	
DATE WELL COMPLETED <b>06/07/1991</b>		NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
		<b>Shannon, MS</b>

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

NAME & MAILING ADDRESS OF LANDOWNER <b>Town of Coahoma</b>		
<b>Coahoma, MS</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>20</b>	<b>29</b>	<b>N 3 W</b>
DISTANCE	DIRECTION	NEAREST TOWN
	<b>Inside city limits</b>	
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

<b>15 HP PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>199</b>	<b>6</b>	<b>147</b> FT.
PUMP TEST		
Well yielded <b>199</b> GPM with a drawdown of <b>76</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>1063'71"</b>	<b>8"</b>	<b>1130</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel</b>	<b>1137'</b>	<b>23'</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <b>970 FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> No Log Run, <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Herndon Well &amp; Supply, Inc.</b>	

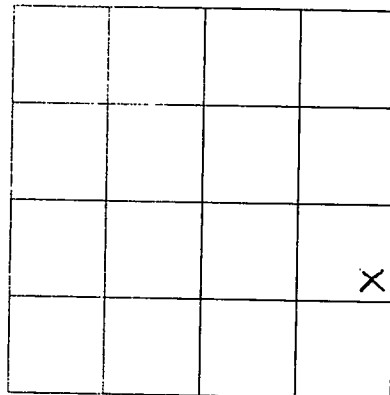
<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>4</b>	<b>30.6</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>SS Ribbed</b>	<b>1063'71"</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Acquifer Test
Driller's Remarks <b>116 22 111</b>			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	6	Gray Clay	736	744
Coarse Sand	6	95	Rock 1"		744
Sand & Gravel	95	150	Gray Rock & Sand Strks	744	935
Blue Clay/Sand Strks	150	195	Rock 1"		935
Sand W/Few Sand Strks	195	407	Gray Clay & Sand Strks	935	940
Clay & Sand Strks	407	726	Rock 1"		940
Rock 2"		726	Gray Clay & Sand Strks	940	990
Gray Clay	726	732	Sand W/Few Clay Strks	990	1070
Rock 5"		732	Gray Clay	1070	1137
Gray Clay	732	736			
Rock 2"		736	IF MORE SPACE IS NEEDED, USE BACK		

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 20

Please indicate well location X.

ADDITIONAL INFORMATION

Top of 4" LRP  
970'  
Top of 4" Screen  
1033.10

1027  
33.6  
1060.6

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): GRANTHAM DATE: 5-7-97  
UNIT DEQ #: \_\_\_\_\_ FILE #: B050716B  
HEALTH DEPT. #: 140003-02 ELEV. 177  
USGS #: C-41 OLWR #: \_\_\_\_\_  
OWNER: Town of Coahoma  
LOCATION: NE, SE, SES 20 T 29N R 03W COUNTY: Coahoma  
LOCATION DESCRIPTION: Corner of Vine St W First St West of RR  
CASING DIA: 4" PUMP TYPE & SIZE: \_\_\_\_\_  
GPS FIELD LOCATION: LAT. 34 22 04.4 LONG. 90 31 20.8  
GPS CORRECTED LOCATION: LAT. 34.367899 LONG. 90.52244921  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

32'30"

440 000 FEET

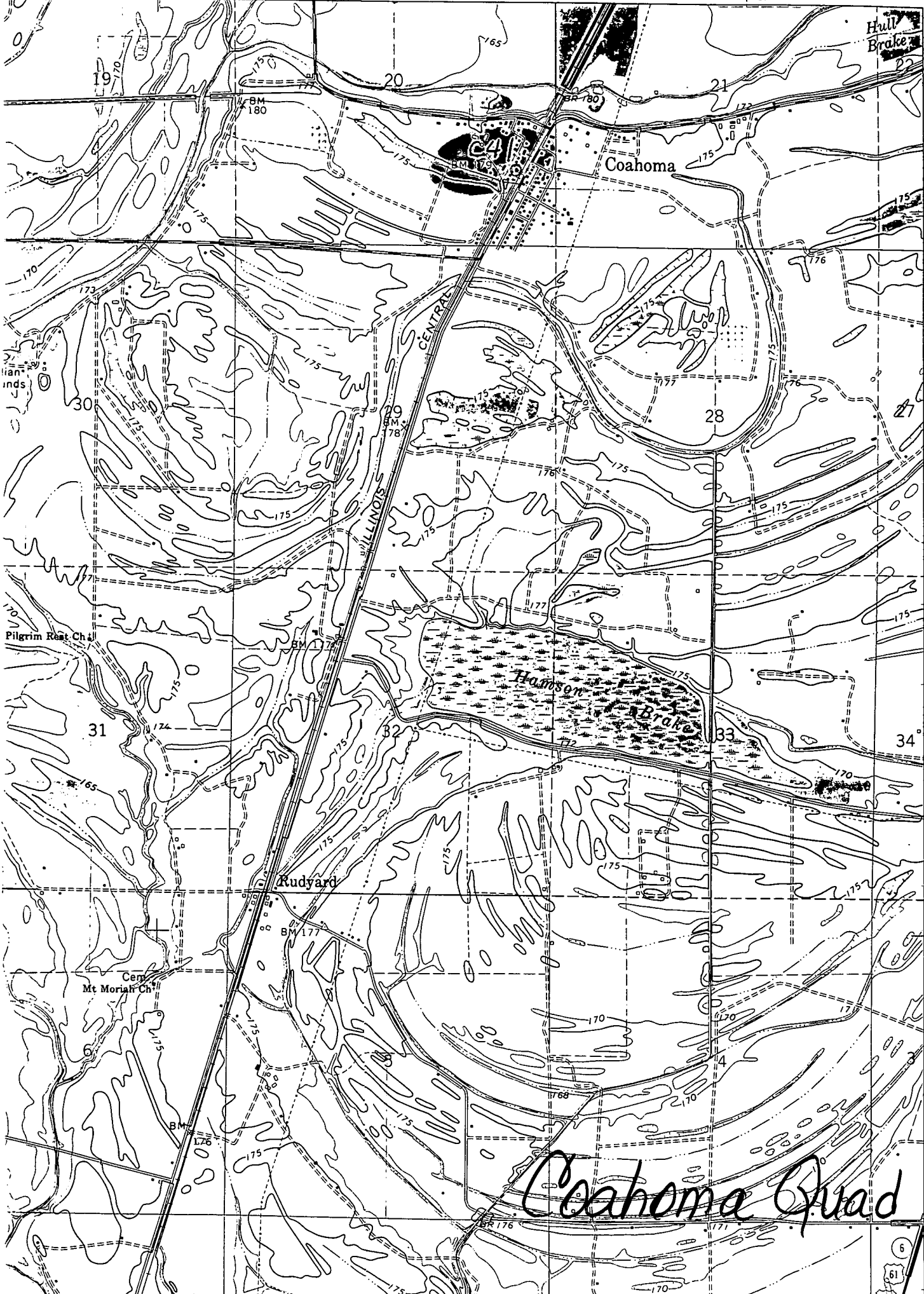
728

729

90°30'

34°22'30"

SECTION PARRELL 15 QUADRANGLE



Hull Brake

Coahoma

CENTRAL

WILLIAMS

Hamson Brake

Rudyard

31

28

27

33

34

Cent Mt Moriah Ch

Coahoma Quad

1.8 MI. TO U.S. 49 & 61 & MISS 6

3805

3804

1 400 000 FEET

3803

T. 29 N.

T. 28 N.

20'

TUNICA (VIA U.S. 61) 26 MI. MEMPHIS, TENN. (VIA U.S. 61) 65 MI.

61

3800