

GW 12731

Howard

Coded By 0889
Checked By 0889
Entered By LSG
Date 06-18-01

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 118
County HOLMES
Agency

Well No. Q13

WELL RECORD

Agency Code U S G S Site Id 133014040910111521011 Project No. 5

Station Name 12301131 HARLANDY CKI W IA Latitude 933014104 Longitude 100910111521

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0511 Land Net SE 13 SW 1/4 Sec 10 T11 N R21 E1

Location Map 14= HOWARD Altitude 16=338 Met/Meas 17= A L Accuracy 18= 15 Hydrologic Unit 20= 08103102106

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

Instru. 805 Remarks 806 Relia. 3= L M U 2= W X

Date of Construction 21= 08/11/61/19/31/91 Well Use 23= W Water Use 24= P Primary Aquifer 714= 124 MU WX Hole Depth 27= 1820

Well Depth 28= 1815 Water Level 30= 154 15 Water Level Date 31= 02/28/1990 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

Construction Date 60= 02/28/1990 Contractor 63= 455 Name Herndon Method 65= H Finish 66= G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1 59#1</u>	<u>77# 10</u>	<u>78# 17 7 79# 19</u>
<u>76</u>	<u>A</u>	<u>725#2 59#1</u>	<u>77# 16 9 11</u>	<u>78# 17 8 4 79# 16</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>82</u>	<u>A</u>	<u>726#1 59#1</u>	<u>83# 17 8 4</u>	<u>84# 18 1 5</u>	<u>87# 16</u>	<u>85# S</u>	<u>89# 88# DIF</u>
<u>82</u>	<u>A</u>	<u>726#2 59#1</u>	<u>83#</u>	<u>84#</u>	<u>87#</u>	<u>85#</u>	<u>89# 88#</u>

CONSTRUCTION LIFT DATA

Power 45= E H.P. 46= 125 Serial No. 49#

Lift Type 43= T Date 38= 02/28/1990 Intake 44= 1250

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 02/28/1990 Owner Name 161= HARLANDY CKI W IA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 118 Assigner 191= M I S S I D I S T

Well #2

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 Holmes	
WELL NUMBER # 2	CODED <input checked="" type="checkbox"/>
Q13	
DATE WELL COMPLETED 2-28-90	

PERMIT NUMBER 12731
NAME OF DRILLING FIRM Herndon Well & Supply, Inc.
Pearl, MS

NAME & MAILING ADDRESS OF LANDOWNER Harland Creek Water Association			
Route 4 Box 204			
Lexington, MS 39095			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
Lexington	16	14N	N 1E E S W
DISTANCE	DIRECTION	NEAREST TOWN	
NW 1/4 NE 1/4 Miles		of	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) 3 PH H/P 25 HP		
Pump Capacity (GPM)	No. of Stages	Setting Depth
210 GPM @ 70#	12	1815-250 FT.
PUMP TEST		
Well yielded 210 GPM with		
a drawdown of 42.5 ft.		
after 4 hours of pumping		

WELL DATA		
Well Depth 1815'	Casing Diameter (In.) 10"	Casing Length (Ft.) 1777'
Type of Casing S.S.	Hole Depth 1815'	Depth to Static Water Level 154.5
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 1699.31 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric, <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches 6"	Length - Feet 84.71'	Slot Size - Inches .015
Screen Type Johnson S.S.	Depth to Bottom - Feet 1815'	

GEOLOGIC DATA (Office Use Only)		
Surface Elev.	Geologic Unit	Depth
Subs. SWL	Date	Analysis
Driller's Remarks SEP 18 1992		
Dept. of Environmental Quality		
Bureau of Land & Water Resources		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	1	60	Clay & Shale	1450	1465
Gravel	60	100	Clay	1465	1550
Clay	100	120	Sand	1550	1590
Clay & Sand Streaks	120	170	Sandy Clay & Shale	1590	1765
Clay	170	320	Sand	1765	1820
Sandy Clay	320	475			
Sand	475	800			
Sandy Clay & Shale	800	1100			
Clay (1104-1290) Rocks	1100	1345			
Sandy Clay & Shale	1345	1405			
Sand	1405	1450			

IF MORE SPACE IS NEEDED, USE BACK

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Howard Quaid
U.S.G.S. E-log #118

WELL OWNER Harland Creek W.A. (#2)

CHECKED

U.S.G.S. NO. Q-13

7/19/94

B.O.H. NO. y

OLWR NO. _____

LOCATION:

MAP SE, SW, SE S 9, T 14 N, R 1 E

7/19/94

GPS _____

ELEV. (MSL) 338'

7/19/94

W.L. (L.S.) (1) -162.34'

7/19/94

(2) -162.25'

7/19/94

HEAD (MSL) +175.75'

7/19/94

SCREENED INTERVAL 1,784'-1,815' (L.S.) / -1,446'-1,477' (MSL)

7/19/94

AQUIFER VERIFIED Meridian - Upper Wilcox

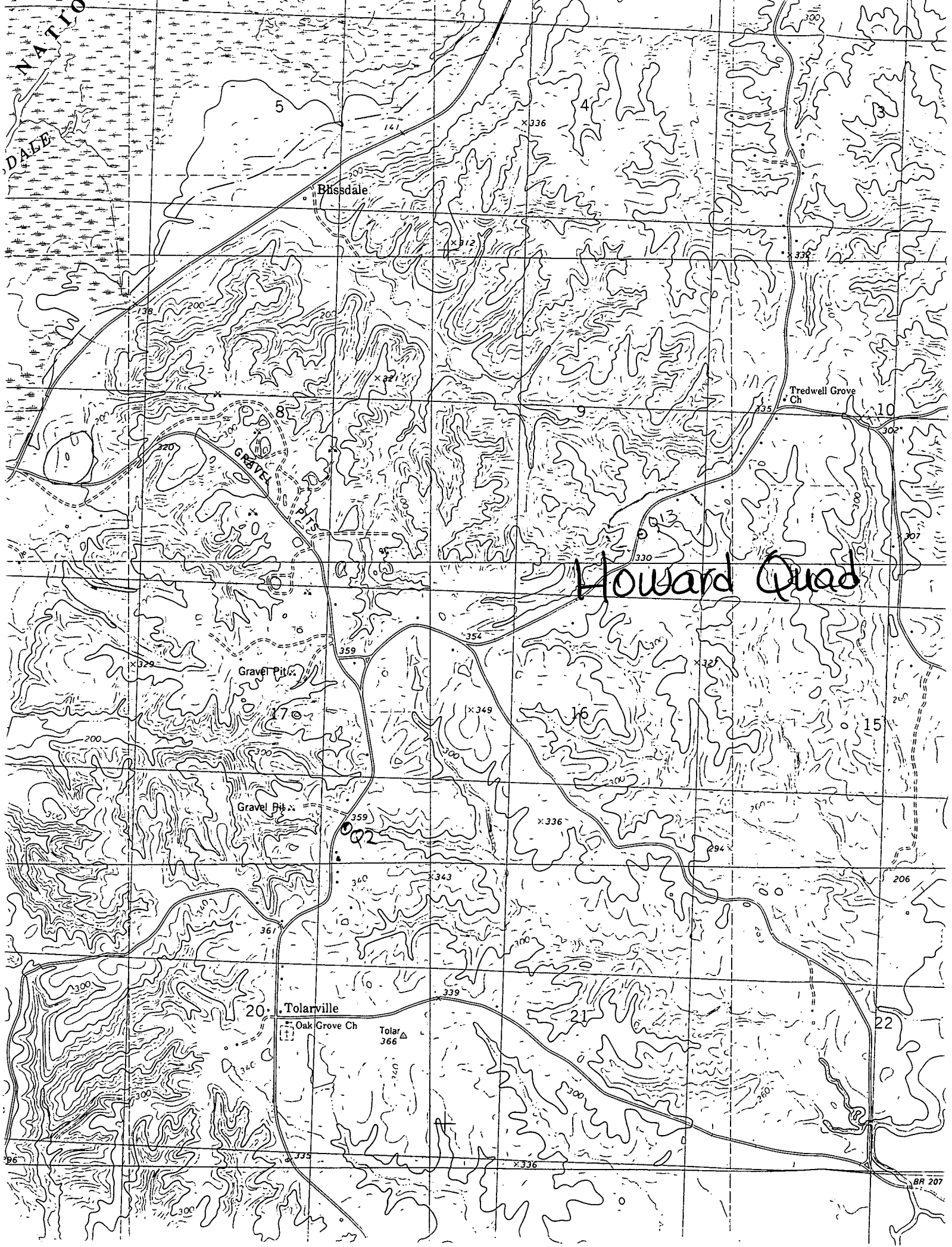
7/19/94

PREVIOUS W.L. -154.5' (1990)

7/19/94

DATA ENTERED _____

NATIONAL
DALE



Howard Quad