

Coded By 0 11/91
Checked By 075 5-572
Entered By WZH
Date 4/21/92

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 181
County MONROE
Agency

Well No. B71

WELL RECORD

Agency Code: U SIGLS Site Id: 3104550883054011 Project No. 54

Station Name: 12 BO711 CASIN W A Latitude: 9 310455 Longitude: 10 0883054

Loc/Long Ac.: 11 S F T M Disc: 6=28 State: 7=28 County: 8=915 NE, SW Land Net: 13 SWINELSI 36 T 11 S R 071 E 2

Location Map: 14 NETTLETON Altitude: 16 376 Met/Meas: 17 A L M Accuracy: 18 15 Hydrologic Unit: 20 1031161011021

Agency Use: 833 A 10 Date Inventoried: 711 Station Type: 4 Data Type: 804

Instru.: 905 Remarks: 806 Relia.: 3 C L M U 26 X

Date of Construction: 21 11/11/1991 Well Use: 23 M Water Use: 24 P Primary Aquifer: 714 211 GORD Hole Depth: 27 1505

Well Depth: 28 481 Water Level: 30 158 Water Level Date: 31 04/02/1992 Method: 34 1 Status: 37 1 Source: 33 D

1992
159.60

CONSTRUCTION DATA

R=58 T=A 723#1 60 04/02/1992 Contractor: 63 0211 Name: Herndon Method: 65 H Finish: 66 S

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 1421	79 112
R=76	T=A	725#2	59#1	77 376	78 14281	79 181

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 14281	84 1481	87 181	85 S	89	88 10210
R=82	T=A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=82 T=A 254#1 Lift Type: 43 11 Date: 38 04/02/1992 Intake: 44 12601

Power: 45 E H.P.: 46 140 Serial No.: 49

well # 4

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159 04/02/1992 Owner Name: 161 CASIN W A

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No.: 190 181 Assigner: 191 M I S S I D I S T

MISCELLANEOUS GW 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	Sec. Depth	200	End Depth	201	499
R=198	T=A	739#1	Log Type	199#D	Sec. Depth	200	End Depth	201	505

MISCELLANEOUS NETWORK DATA *106 = GW WL WD **

R=114	T=A	730#1	Sec. Year	115	End Year	116	Agency Source	117	Freq.	118
R=121	T=A	730#2	Sec. Year	115	End Year	116	Agency Source	117	Freq.	118

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184	Remarks	185
				04/04/1992	MSGW-13042	

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148	Type	703	Discharge	150	Sp. Capacity	272
				04/02/1992		0		14131		19	

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	304
				410		1509	211601A		

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100	103
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431 gpm 48 dd 8.98 gpm/ft.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Comments)	FROM	TO
Red Sand & Clay	0	10	Rock	440	441
Brown Silty Clay	10	95	Gravel	441	442
Blue Clay, Sand&Pea Gr.	95	130	Rock	442	443
Sand	130	200	Gravel	443	444
Shale Rock, Sand&Lignite	200	327	Clay	444	495
Sand & Pink Gumbo	327	355			
Clay & Sand	355	370			
Pink Gumbo	370	408			
Gravel	408	430			
Rock	430	431			
Gravel	431	440			

MORE SPACE IS NEEDED, USE BACK

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 Monroe		PERMIT NUMBER 13042
WELL NUMBER 4	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Herndon Well & Supply
B 71		Shannon, MS
DATE WELL COMPLETED 02 April 1992		

NAME & MAILING ADDRESS OF LANDOWNER Cason Water District			
Rt. 1, Box 672			
Nettleton, MS 38858			
WELL LOCATION:	SEC 36	TOWNSHIP 11 N S	RANGE 7 E W
DISTANCE 6 Miles	DIRECTION East	NEAREST TOWN Nettleton	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

40 hp PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM) 413	No. of Stages 6	Setting Depth 260 FT.
PUMP TEST Well yielded 413 GPM with a drawdown of 48' ft. after 24 hours of pumping		

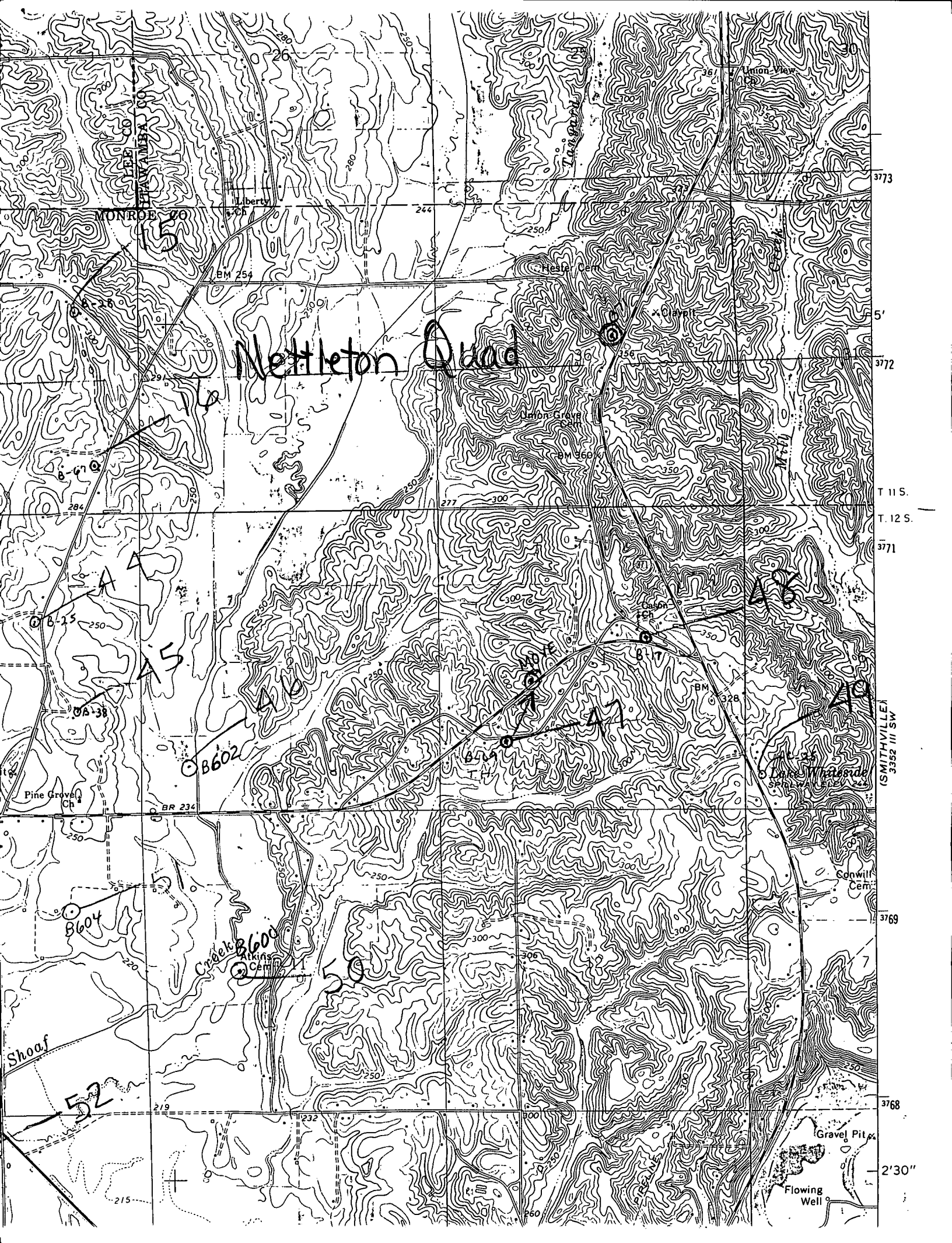
WELL DATA		
Well Depth 481'3"	Casing Diameter (In.) 2"	Casing Length (Ft.) 421'
Type of Casing Steel	Hoiz Depth 505	Depth to Static Water Level 158'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 376 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Herndon Well & Supply, Inc.	

SCREEN DATA		
Diameter - Inches 8	Length - Feet 63'3"	Slot Size - Inches .020
Screen Type SS Ribbed		Depth to Bottom - Feet 481'3"

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Core Test
Driller's Remarks			
RECEIVED			
APR 06 1992			
Dept. of Environmental Quality			
Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand & Clay	0	10	Rock	440	441
Brown Silty Clay	10	95	Gravel	441	446
Blue Clay, Sand&Pea Gril	95	130	Rock	446	447
Sand	130	200	Gravel	447	495
Shale Rock, Sand&Lignite	200	327	Clay	495	505
Sand & Pink Gumbo	327	355			
Clay & Sand	355	370			
Pink Gumbo	370	408			
Gravel	408	430			
Rock	430	431			
Gravel	431	440			
IF MORE SPACE IS NEEDED, USE BACK					



Mettleton Quad

MONROE

A5

A6

A7

A8

A9

Shoaf

52

Creeks Atkins

Sonwill Cem.

Gravel Pit

Flowing Well

37° 11'

37° 12'

T 11 S.

T 12 S.

37° 11'

(SMITHVILLE)
3352 III SW

37° 12'

37° 12'

2'30"

Warren Co. Bldg Co. - USA

