

8/88
By VJ

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. M61
E-Log No. 165
County SCOTT
Agency

TRANSMITTED 100 137

M61
6W11593(IN)

WELL RECORD

Code: S | Site Id: 132212408924081011 | Project No.: 5111111111 | 620019-03
 Station Name: 1611 HUGHESIAURICRAFT | Latitude: 931221124 | Longitude: 104089124081 | SPT

Ac.: T M | Dist: 6=28 | State: 7=28 | County: 811231 | Land Net: 13 NF SW SW | E. side of Plant next to parking lot

Station Map: FOREST | Altitude: 1641151 | Met/Meas: 17 A L M | Accuracy: 184 15.1 | Hydrologic Unit: 20=03118101011

Date Invented: 711016/1091/11918181 | Station Type: | Data Type: 804

Remarks: 806 | Relia.: 3 C L M U | X 2=W

of Construction: 5/1301/11918181 | Well Use: 23 W | Water Use: 24 N | Primary Aquifer: 7141241591217 | Hole Depth: 2712314

Water Level: 30117151 | Water Level Date: 3106/1301/11918181 | Method: 34 | Status: 37 | Source: 33 D

Construction Date: 60016/1301/11918181 | Contractor: 6311641 | Name: Jaye | Method: 65 H | Finish: 66 G

SECTION CASING DATA
 Top/Casing: 725#1, 59#1, 77#1101 | Bot/Casing: 78#15313 | Diameter: 79#1101

Top/Casing: 725#2, 59#1, 77#14721 | Bot/Casing: 78#15391 | Diameter: 79#161 | 66' Lap

SECTION OPENINGS DATA
 Top/Depth: 726#2, 59#1, 83#153191 | Bot/Depth: 84#159101 | Diameter: 87#161 | Type: 85 S | Length: 89 | Width: 88

Top/Depth: 726#2, 59#1, 83# | Bot/Depth: 84# | Diameter: 87# | Type: 85 S | Length: 89 | Width: 88

SECTION LIFT DATA
 Lift Type: 254#1, 43 S | Date: 38016/1301/11918181 | Intake: 44#13136

H.P. Serial No.: 46#1601 | 49#

SECTION OWNER DATA
 Date of Ownership: 718#1, 159016/1301/11918181 | Owner Name: Scott Co. Board of Supervisors (Raytheon)

SECTION OTHER ID DATA
 E-Log No.: 736#1, 190#165 | Assigner: 191# M I S S I D I S T

ISCELLANEOUS QW DATA

192	T=A	738#1	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00010	Value 197
192	T=A	738#2	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00095	Value 197
192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 195	Par. Code 196#00400	Value 197

ISCELLANEOUS LOGS DATA

198	T=A	739#1	Log Type 199#E	Req. Depth 200	End Depth 201
198	T=A	739#1	Log Type 199#D	Req. Depth 200	End Depth 201

ISCELLANEOUS NETWORK DATA

114	T=A	730#1	Network Type 706	Beg. Year 115	End Year 116
121	T=A	730#1	Analysis 120	Agency Source 117	Freq. 118

ISCELLANEOUS REMARKS DATA

183	T=A	311#1	Date of Remarks 184 / /	Remarks 185
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ISCELLANEOUS CHARGE DATA

146	T=A	147#1	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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ISCELLANEOUS HYDROLOGIC DATA

70	T=A	721#1	Depth Top 91	Depth Bot. 92	Unit Id 93
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ISCELLANEOUS PAULIC DATA

8	T=A	790#1	Unit Tested 100	103
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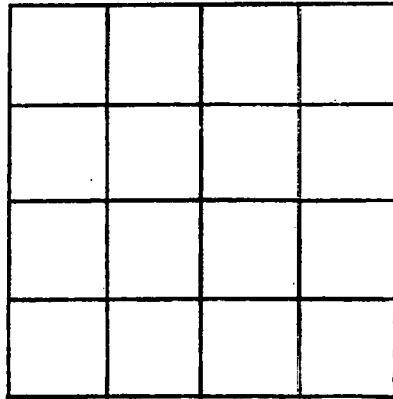
SB04
 AIK=130 TSS=136
 CL=7 T.hard=84
 SO4=11.7
 F= <0.1
 Co2=142
 Fe=0.86
 Mn=5.8
 Ng=.038
 Ca=24
 Na=6.1
 K=2.9

4 hr. 4.8 gpm

Yellow Clay	0	25
Blue Clay	25	30
Sandy Clay	30	38
Clay	38	39
Rock	39	40
Clay	40	41
Rock	41	42
Sandy Clay	42	43
Sandy Shale	43	44
Sandy Shale	44	45
Rock	45	46
Hard Clay	46	47
Rock	47	48
Hard Clay	48	49
Rock & Clay Shs	49	50
Hard Clay	50	51
Rock & Clay Shs	51	52
Clay & Sand Shs	52	53
Hard Clay & Sand Shs	53	54
Rock	54	55
Clay & Sand Shs	55	56
Hard	56	57
Hard & Clay Shs	57	58
Clay & Sand Shs	58	59

If well telescopes please sketch and show depths.

GROUND LEVEL



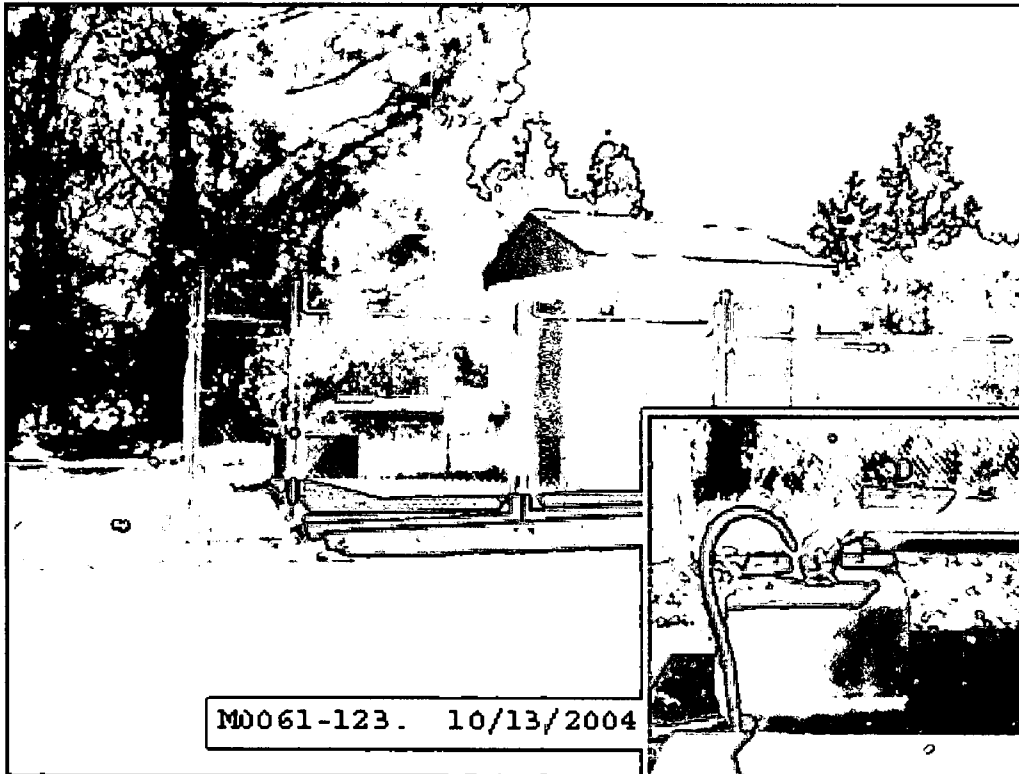
SECTION _____

Please indicate well location X.

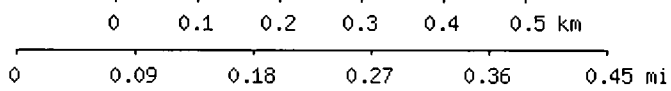
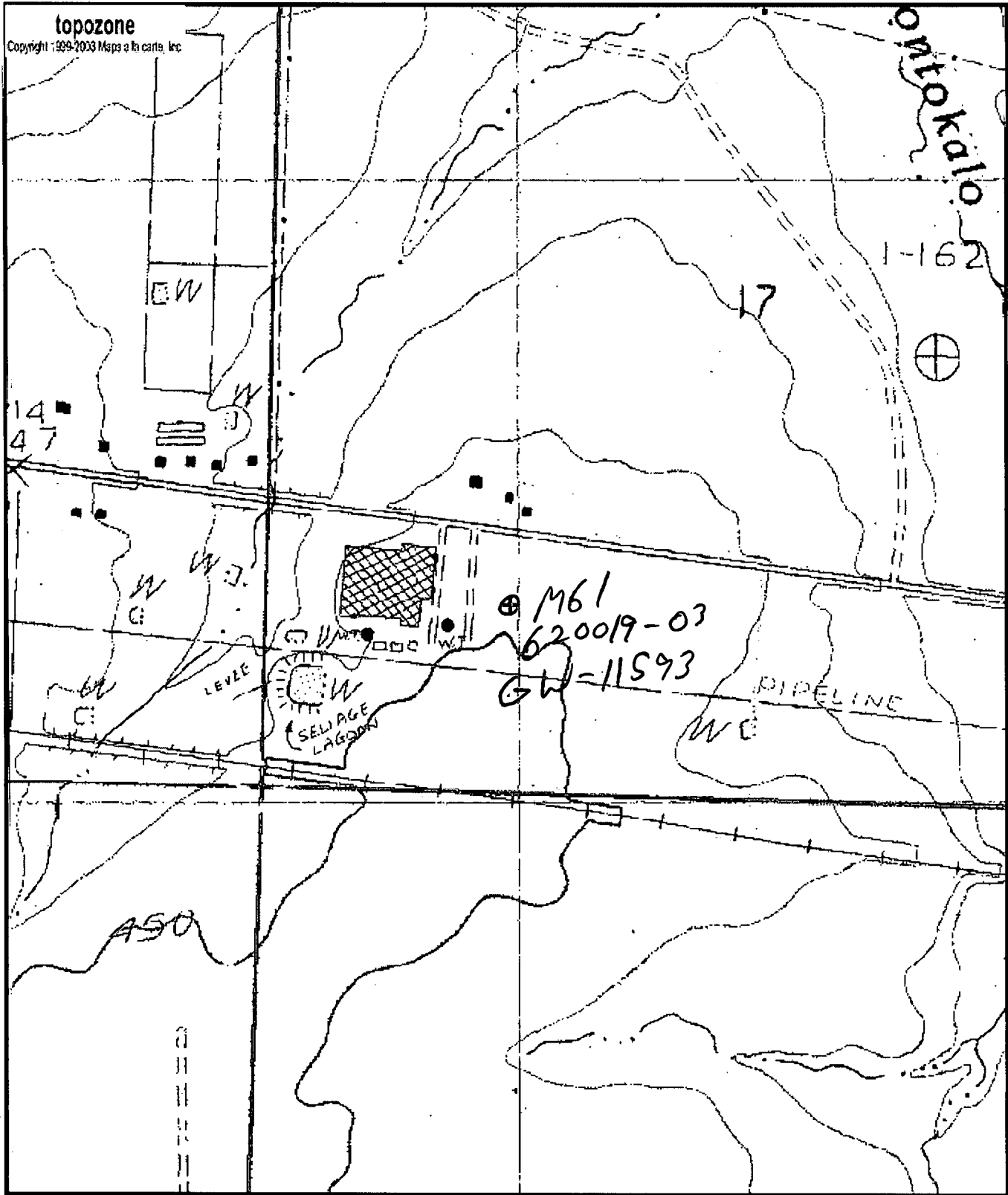
ADDITIONAL INFORMATION

A series of horizontal lines for entering additional information.

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



M0061-123. 10/13/2004



Map center is 32° 21' 25"N, 89° 24' 07"W (WGS84/NAD83)
Forest quadrangle
 Projection is UTM Zone 16 NAD83 Datum

4/14/03
 JHH/SPT
 M=-0.109
 G=-1.286

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-11593

County: SCOTT

Owner: HUGHES AIRCRAFT MISSISSIPPI

Aquifer: SPRT

USGS No: M0061

BOH No: 0620019-03

Location: SW 1/4 of the SW 1/4 of SEC 17 TWN 06N RNG 09E **Lat:** 322125 **Long:** 892407

Quad: FOREST

District: N/A

Date Issued: 22-NOV-88

Date Renewed: 09-MAR-99

Date Expired: 09-MAR-09

Applicant: RAYTHEON SYSTEMS MISSISSIPPI

Owner: HUGHES AIRCRAFT MISSISSIPPI

Address 1: 19859 HIGHWAY 80

Address 1: P. O. DRAWER 630

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: FOREST

City: FOREST

State: MS **Zip:** 39074

State: MS **Zip:** 39074

Driller: LAYNE CENTRAL COMPANY

Maximum Rate: 425

Amount Withdrawn Acre feet: 33.6096

Amount Withdrawn Mgd: .03

Use

INDUSTRIAL
FIRE PROTECTION

Casing

Type: STEEL
Diameter: 10
Length: 533

Screen

Type: STAINLESS STEEL
Diameter: 6
Length: 50

Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

AUG 10 04

USER NAME(S): Phillips/Hardin DATE: 5/1/97

UNIT DEQ #: _____ FILE #: A050114C

HEALTH DEPT. #: 620019-03 ELEV. 447

USGS #: M61 Lww 8/10/04 OLWR #: GW-11593 Lww 8/10/04

OWNER: Hughes Aircraft QUAD: Forest

LOCATION: sw/sw S 17 T 6N R 9E COUNTY: scott

LOCATION DESCRIPTION: At west side of parking lot
at Hughes Aircraft

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 21.413' N LONG. 89° 24.122' W

GPS CORRECTED LOCATION: LAT. 32.356891 LONG. 89.40203514

REMARKS: Measured 15' east well.

JHH/SPJ

4/14/03

32° 21' 2 S" / 32.35672

89° 24' 07" / 89.40192

Lww
10/13/03
32.35695
89.40187
pic 102
pic 103