

DOH # 0250014-01
OLWR # 6W14615

Coded By 992
Checked By 9630-93
Entered By 963
Date 6-93

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 965
County HINDS
Agency

Well No. F-51

Brownsville Quad

WELL RECORD

Agency Code: U S I G S Site ID: 1322241809102457011 Project No. 5

Station Name: 12 FOSTER MT OLIVE WVA Latitude: 93222418 Longitude: 1009102457

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=049 SE Land Net 13 SEINE SIOB TIOIOWR OIZU

Location Map 14 BROWN SVI L L I L I E I Altitude 268 Met/Meas 17 A L M Accuracy 18 1 15 Hydrologic Unit 20 08016102102

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

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

Date of Construction WA 21 09/1231/1992 Well Use 23 W Water Use 24 PI Primary Aquifer 714 1240 K I A Hole Depth 27 12281

Well Depth 28 1125 Water Level 30 1182 Water Level Date 31 10/19/1992 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 1101/19/1992 Contractor 63 0164 Name Laure Method 65 HI Finish 66 G

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 11075	79 1101
R=76	T=A	725#2	59#1	77 110131	78 110801	79 16

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 11080	84 111251	87 16	85 S	89	88 101161
R=82	T=A	726#2	59#1	83	84	87	85	89	88 1177

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 1101/19/1992 Intake 44 13201

Power H.P. 45 E 46 160 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 1101/19/1992 Owner Name 161 MT OLIVE WVA

Owner on Permit is Hinds Co Board of Supervisors

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 91615 Assigner 191 M I S S I O I S T I

Well # 1

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	Beg. Depth 200 1301	End Depth 201 1212181
R=198	T=A	739#1	Log Type 199#D	Beg. Depth 200 1101	End Depth 201 1212151

MISCELLANEOUS NETWORK DATA ^{706 = QW WL WD *}

R=114	T=A	730#1	Beg. Year 115 1 9	End Year 116 1 9	Agency Source 120=A 117#	Freq. 118#
R=121	T=A	730#2	Beg. 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 01 / 119 / 119924	Remarks 185 MSGW 14615
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 10 / 119 / 119924	Type 703#P	Discharge 150 13501	Sp. Capacity 272
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GEOHYDROLOGIC DATA

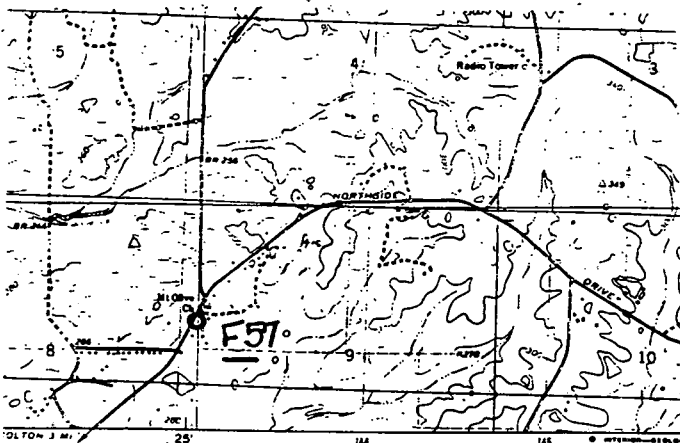
R=90	T=A	721#1	Depth Top 91 10175	Depth Bot. 92	Unit Id 93 121412141A	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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Color = 15 units

40 dd e 350 gpm -
38' 380'



DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
BROWN Clay	0'	15'	Fine Sand	950'	960'
White Clay	15'	25'	Clay	960'	970'
BROWN Clay	25'	55'	Clay + Sand Strk.	980'	1050'
Blue Clay	55'	82'	Fine Sand	1050'	1082'
Lime Rock	82'	115'	Clay + Fine Sand	1082'	1107'
Clay + Sand Strk.	115'	230'	Sand Clay + Lignite strk.	1107'	1154'
Blue Clay	230'	720'	Clay	1154'	1185'
Hard Clay	720'	725'	Sandy Clay	1185'	1205'
Shale + Sand Strk.	725'	750'	Clay	1205'	1225'
Clay	750'	868'			
Sandy Clay	868'	950'			

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
HINDS
WELL NUMBER **1** CODED
F 51
DATE WELL COMPLETED
10/19/92

PERMIT NUMBER
MS 6W 14615
NAME OF DRILLING FIRM
Layne-Central Co. A Div. of
Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
MT. Olive Water Assoc.
3. Hinds Cty. Board of
Supervisors
P.O. Box 686
JACKSON, MS 39201
WELL LOCATION: SEC **8** TOWNSHIP **6** RANGE **2**
DISTANCE **1 1/2** Miles DIRECTION **North** of NEAREST TOWN **I-20**
OTHER LANDMARK
W. Northside Drive
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Municipal

PUMP DATA
PUMP TYPE (Circle One): Submersible, **Turbine**, Jet, Flowing Well, Other (Describe) _____
POWER TYPE (Circle One): **Electric**, Tractor, Diesel, Gasoline, Butane, Other (Describe) **H/P 60**
Pump Capacity (GPM) **320** No. of Stages **17** Setting Depth **320** FT.
PUMP TEST
Well yielded **350** GPM with a drawdown of **40** ft. after **24** hours of pumping

WELL DATA
Well Depth **1128'** Casing Diameter (In.) **10"** Casing Length (Ft.) **1075'**
Type of Casing **STEEL** Hole Depth **1225'** Depth to Static Water Level **182'**
TYPE OF COMPLETION: (Circle One or More): **Gravel Packed**, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____
Top of Lap Pipe or Reduction in Casing
1013 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA
TYPE OF LOG RUN (Circle One): No Log Run, **Electric**, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____
Name of Organization Running Log
Layne-Central Co.

SCREEN DATA
Diameter - Inches **6"** Length - Feet **45'** Slot Size - Inches **16**
Screen Type **s/s w/w (Johnson)** Depth to Bottom - Feet **3**

GEOLOGIC DATA (Office Use Only)
Surface Elev. **115'** Geologic Unit **DISC 115'** Unit Thickness **115'** Depth to Top **115'**
Subs. SWL **115'** Date **10/19/92** Analysis **115'** Aquifer Test **115'**
Driller's Remarks
MAY 19 1993
1125/230
Dept. of Environmental Quality
Office of Land & Water Resources

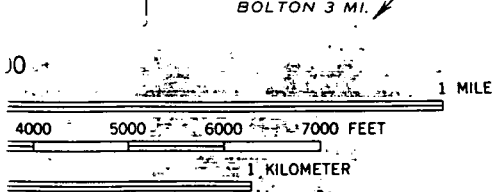
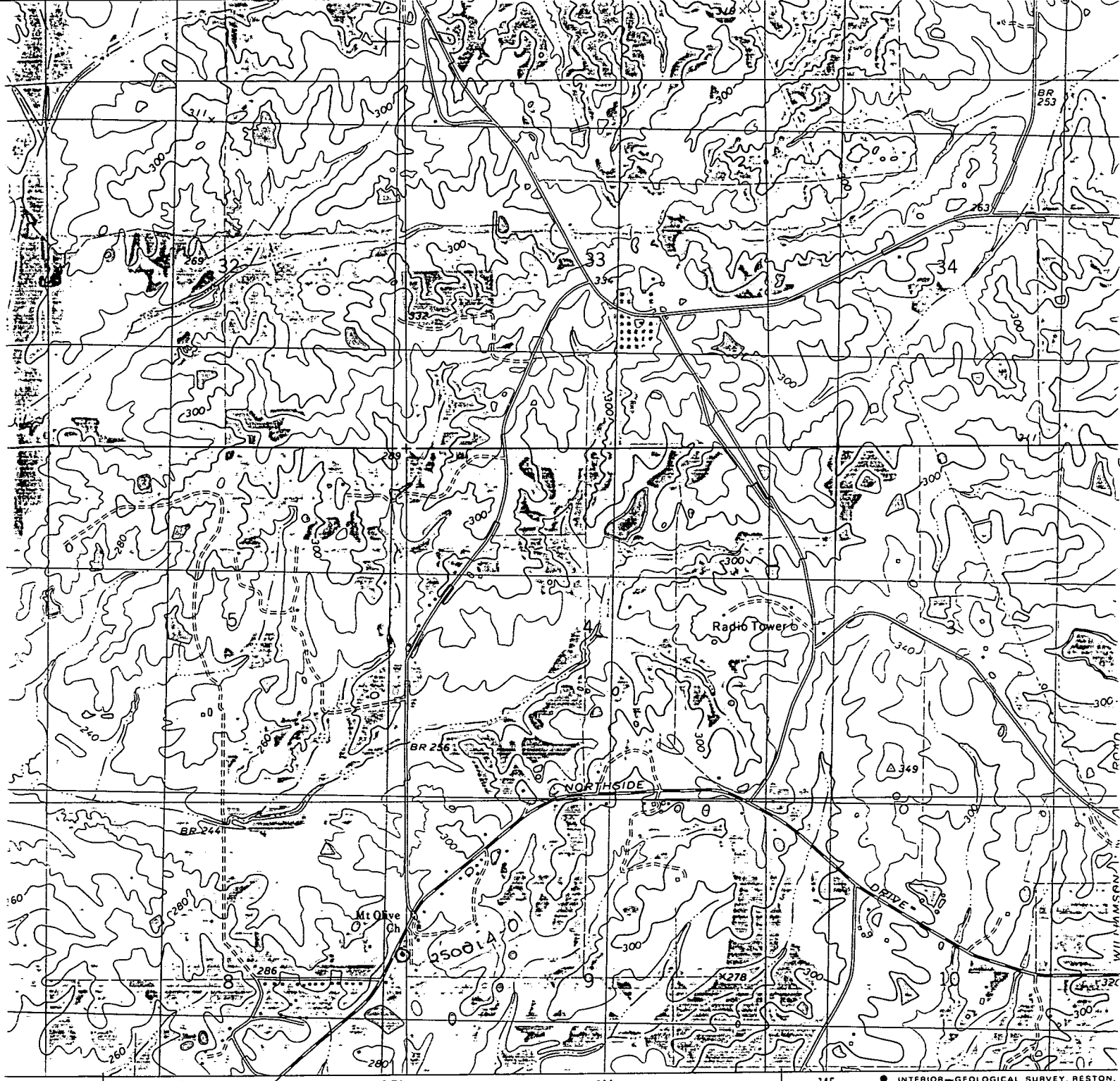
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
BROWN Clay	0'	15'	FINE SAND	950'	962'
White Clay	15'	25'	Clay	962'	982'
BROWN Clay	25'	55'	Clay + SAND STRK.	982'	1050'
Blue Clay	55'	82'	FINE SAND	1050'	1092'
Lime Rock	82'	115'	Clay + FINE SAND	1092'	1107'
Clay + Sand Strk.	115'	230'	SAND Clay + Lignite strk.	1107'	1154'
Blue Clay	230'	720'	Clay	1154'	1185'
HARD Clay	720'	725'	Sandy Clay	1185'	1205'
Shale + Sand Strk.	725'	750'	Clay	1205'	1225'
Clay	750'	868'			
SANDY Clay	868'	950'			

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Everett DATE: 6/14/94
UNIT DEQ #: 84090 FILE #: B0614150
HEALTH DEPT. #: 250014-01 ELEV. 268
USGS #: F57 OLWR #: GW14615
OWNER: Mt. Olive W.A. Quad: Brownsville
LOCATION: SE/NE S 8 T 6N R 2W COUNTY: Hinds
LOCATION DESCRIPTION: Just past Mt. Olive Church
off of Northside Dr
CASING DIA: _____ PUMP TYPE & SIZE: us. motors; 60HP
GPS FIELD LOCATION: LAT. 32° 22.785 LONG. 90° 24.987
GPS CORRECTED LOCATION: LAT. 32 2248.772 LONG. 90 24 57.979
30.380 21444 90.41610528
REMARKS: _____



20 FEET
DATUM OF 1929



QUADRANGLE LOCATION

ROAD CLASSIFICATION

- Primary highway, hard surface _____ Light-duty improved surface _____
- Secondary highway, hard surface _____ Unimproved surface _____
- Interstate Route □ U. S. Route

BROWN
N3222.

MAP ACCURACY STANDARDS
NATIONAL GEODESIC SURVEY
RESTON, VIRGINIA 22092
SYMBOLS IS AVAILABLE ON REQUEST