

TRANSMITTED FOR ADP

6W14538
Not sure if it has
a dot #, not on list

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Checked By _____
Entered By _____
Date _____

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. P51
E-Log No. 142
County GREENE
Agency _____

WELL RECORD

Leakesville Quad

Agency Code U S G S	Site Id 14311018121810181813610181011	Project No. 54
Station Name 124P1015111GR1E1E1M1E1C101S1C1H1D11S1T1	Latitude 943110181281	Longitude 1040181813610181
Lat/Long Ac. 114 S F (M)	Dist 6=28	State 7=28
County 8=01411	Land Net 13=N1W1N1W1S116T10121N1R1016W1	
Location Map 14=K1E1A1K1E1S1V11L1L1E1	Altitude 16=119151	Met/Meas 174 A (M)
	Accuracy 184 151	Hydrologic Unit 20=013117101010131

Agency Use 8034 A I (D)	Date Inventoried 7114011/12131/11918171	Station Type Y	Data Type 8044
Instru. 8054	Remarks 8064	Relia. 3=C L M U	2=W
Date of Construction 2140181/1014/11918171	Well Use 234W	Water Use 244-	Primary Aquifer 714411212W101C1N1
Hole Depth 274 176151	Well Depth 284 1210101	Water Level 304 15111	Water Level Date 3140181/1014/11918171
Method 344	Status 374	Source 334D	

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date 6040181/1014/11918171	Contractor 634016141	Name LAYNE	Method 654H	Finish 664G
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing 774 11101	Bot/Casing 784 1118101	Diameter 794 181
R=76	T=A	725#2	59#1	Top/Casing 774	Bot/Casing 784	Diameter 794

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#2	59#1	Top/Depth 834 1118101	Bot/Depth 844 1210101	Diameter 874 161	Type 854 S	Length 894	Width 884
R=82	T=A	726#2	59#1	Top/Depth 834	Bot/Depth 844	Diameter 874	Type 854	Length 894	Width 884

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type 434 S	Date 3840181/1014/11918171	Intake 444
Power 454 E	H.P. 464 171 151	Serial No. 494			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership 15940181/1014/11918171	Owner Name 1614GR1E1E1M1E1C101S1C1H10101L1D11S1T1
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. 1904/1421	Assigner 1914M1I1S1S1D1I1S1T1
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 193# / / / / / / / *	Aquifer Sampled 195# *	Par. Code 196#00010	Value 197# *
R=192	T=A	738#2	Date of Measurement 193# / / / / / / / *	Aquifer Sampled 195# *	Par. Code 196#00095	Value 197# *
R=192	T=A	738#3	Date of Measurement 193# / / / / / / / *	Aquifer Sampled 195# *	Par. Code 196#00400	Value 197# *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#D *	Beg. Depth 200# 10 *	End Depth 201# 1716 15 *
R=198	T=A	739#1	Log Type 199#E *	Beg. Depth 200# 1710 *	End Depth 201# 1716 21 *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Network Type 706# *	Beg. Year 115# 1 9 *	End Year 116# 1 9 *
R=121	T=A	730#1	Analysis 120# *	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	147#1	148# 0181 / 1041 / 1191971 *	703# (P)	150# 1 11 10101 *	272# *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 11810 *	Depth Bot. 92# 121051 *	Unit Id 93# 12121101C1N1 *
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# *	103# *
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3 mi. S of Leakesville

description of formations encountered	from	to
Red Sandy Clay	0'	15'
SAND	15'	75'
Clay	75'	120'
SAND	120'	140'
Clay	140'	180'
SAND	180'	205'
Clay	205'	367'
Sandy Clay	367'	428'
SAND	428'	455'
Clay	455'	460'
SAND	460'	495'
SAND + Shale streaks	495'	535'
SAND	535'	562'
Shale	562'	577'
SAND	577'	628'
Shale	628'	765'

GREENE
P 51

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

08/04 1987 LAYNE-CENTRAL Co. GREENE
date well completed firm name county well located

LANDOWNER: GREENE County School District (West Constructed) LEAKESVILLE, MISS. (mailing address)	description of formations encountered	from	to
WELL LOCATION: NW 1/4 & NW 1/4 sec 16 T 2 N R 6 E 3 miles south of LEAKESVILLE (distance) (direction) (nearest town)	Red Sandy Clay	0'	15'
WELL PURPOSE: DOMESTIC (home, irrigation, municipal, industrial)	SAND	15'	75'
WELL COMPLETION DATA:	CLAY	75'	120'
(1) diameter (inches) 8"	SAND	120'	140'
(2) total depth (feet) 200'	CLAY	140'	180'
(3) static water level (feet) 51' below top of ground.	SAND	180'	205'
(4) casing SCH. 40 PVC 180' (material) (depth)	CLAY	205'	367'
8" (size) If telescope see back.	SANDY CLAY	367'	428'
(5) screen 20' 180' (length) (depth to top)	SAND	428'	455'
6" PVC (size) (material)	CLAY	455'	460'
(6) pump 7.5 (HP) 100 (yield gpm)	SAND	460'	495'
Electrical (submersible) (type power)	SAND + SHALE STREAKS	495'	535'
(7) electric log YES (yes or no)	SAND	535'	562'
LAYNE-CENTRAL Co. (organization running log)	SHALE	562'	577'
(8) how well bottom plugged BACK PRESSURE VALVE	SAND	577'	628'
DRILLERS REMARKS:	SHALE	628'	765'
Permit No: None Listed			
© Dept. of Natural Resources per Mike Gnar (12/28/87)			

MOCN P51

The box below is for office use only.

AMM

Issued: 1/12/93	Expires: 1/12/03	Fee Paid	X	Permit No.
Lat. 310828	Long. 883560	Elev. 190		USGS No. GW-14538
Quad. Leakesville	Dist.			Basin No. 03170003
STAC				Dam inv. No.
				Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE OF THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI



This application is for (circle one): GROUNDWATER SURFACE WATER

DEC 10 1992

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Fire Protection Flood Protection Other:

LANDOWNER:

Greene County School District (Name) 64-6000-392 (S/S or Tax ID No.)

P.O. Box 1329 (Address)

Leakesville (City) MS 39451 (State and Zip) (601) 394-2364 (Telephone Number)

APPLICANT, AGENT, OR LESSEE (If different from Landowner):

Same as Above (Name) (S/S or Tax ID No.)

(Address)

(City) (State and Zip) (Telephone Number)

Location of diversion/withdrawal point (A suitable location map must accompany this application):

NW 1/4 of the NW 1/4 of Section 16, Township 2N, Range 6W, County Greene

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute

(b) ~~144~~ 0.08 million gallons per day at a maximum rate of 100 gallons per minute

(c) _____ acre feet of storage at normal pool

(d) _____ per _____ at a maximum rate of _____

Construction of proposed work will begin on (date) _____, 19____ and will be completed by (date) _____, 1987

Water will be used from (month) _____ to (month) _____ each year.

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES (NO) If yes, describe the nature and amount of any additional supply and, if applicable, list permit numbers.

SECTION A (to be completed if application is for surface water source)

1. Source of water is from _____ which drains into _____ which drains into _____ which drains into _____

2. Description of pump/diversion works:

(a) Pump (size and type): _____ Power Unit (size and type): _____

Lift: _____ feet Maximum capacity: _____ gallons per minute.

(b) Name of storage reservoir: _____ Dam height: _____ feet.

Surface area at normal pool: _____ acres. Storage capacity at normal pool: _____ acre-feet.

(Continued on back)

SECTION B (to be completed if application is for groundwater source)

1. Source of water is Miocene _____ aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 200 feet. DRILLER (name): Layne Central
- (b) SURFACE CASING: Length: 180 feet. Diameter: 8 inches. Type: PVC
- (c) SCREEN: Length: 20 feet. Diameter: 6 inches. Type: PVC
- (d) PUMP: Type: Electrical. Size: 7.5 hp. Capacity: 100 gallons per minute.
Number of stages: 5. Setting depth: 140 feet.
- (e) POWER UNIT: Type: Electrical. Size: 7.5 horsepower.
- (f) TYPE OF COMPLETION: Natu Developed

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS	
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4		

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Soybeans _____; Corn _____; Pasture _____; Truck _____; Wheat _____; Oats _____; Grain sorghum _____; Other (specify) _____ Acres _____
2. FISH CULTURE: Explain how water will be used: _____
How often will reservoir(s) be emptied and refilled? _____
3. MUNICIPAL or WATER ASSOCIATION
Choose "a" or "b". (a) The number of people served is _____. (b) The number of connections/customers is _____.
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)
4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; Location of release point in reference to diversion/withdrawal point _____
_____ Explain any change in quality of water to be released:
NPDES Permit No. _____
Explain how water will be used: _____
How much groundwater will be used for once-through non-contact cooling? _____
5. RECREATION: Explain how water will be used: _____
6. OTHER use: Explain in detail: How many students? What is the water used for?
Drinking water, cooking, and school use for 592 students

REMARKS: _____

List below the person to be contacted for additional information if required:
David Dearman
(Name)
Rt. 1, Box 12
(Address)
Leakesville, MS 39451
(City, State, Zip)
(601) 394-5290
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.
David Dearman
(Signature)

Subscribed and sworn to before me this 7th day of December 19 92 at Leakesville, MS
County of Greene. My commission expires July 26, 1994.
Michelle Gudsey Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop DATE: 8-4-94

UNIT DEQ #: 82859 FILE #: D080423A

HEALTH DEPT. #: new well
No. Number Could be found ELEV. 192

USGS #: P-9004 P51 OLWR #: GW-14538

OWNER: Green Co. School QUAD: Leaksville

LOCATION: N/E - NW S 16 T 2N R 6W COUNTY: Green

LOCATION DESCRIPTION: at Leaksville High School on n. side
of Building

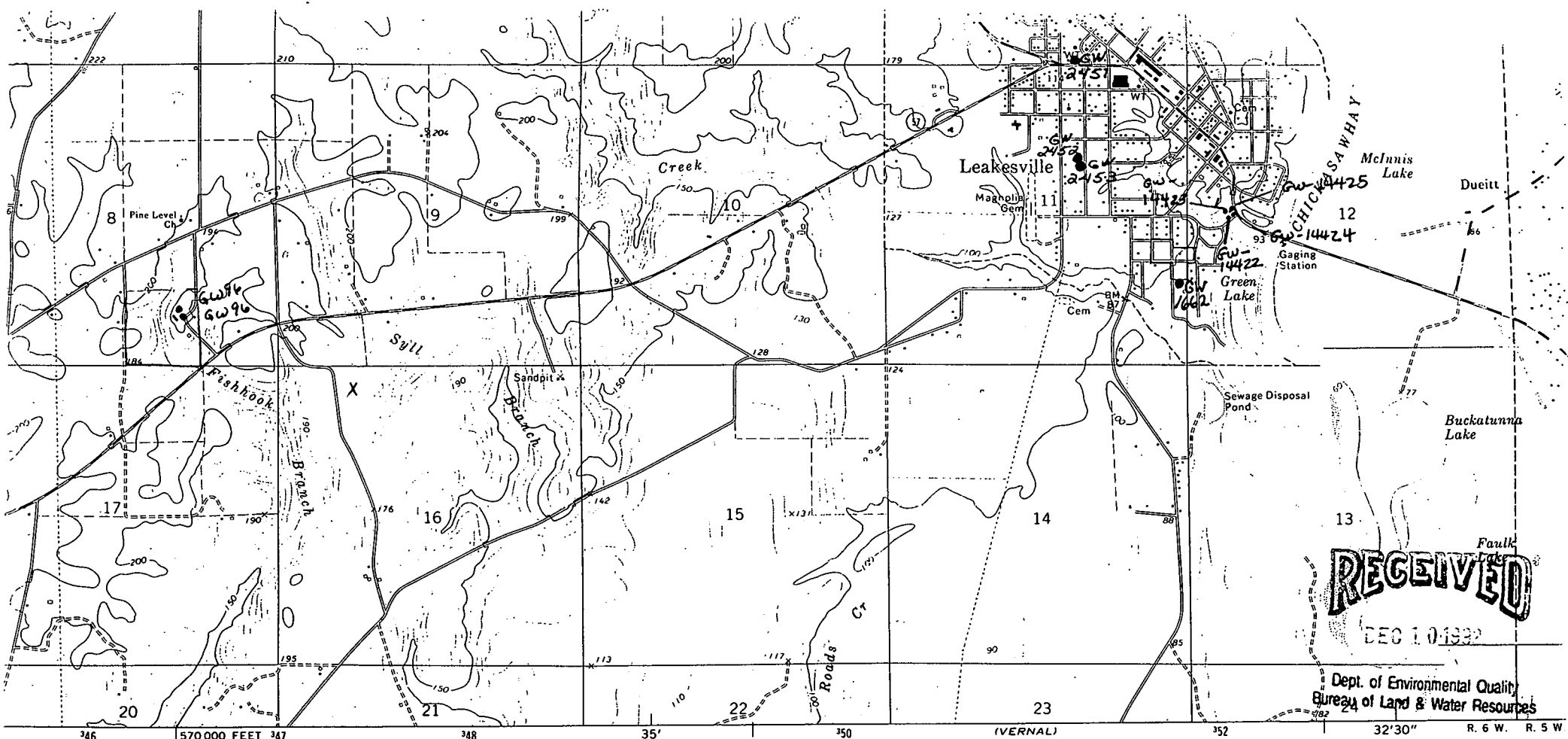
CASING DIA: _____ PUMP TYPE & SIZE: Sub 8ⁱⁿ

GPS FIELD LOCATION: LAT. 31°08.520 LONG. 88°36.021

GPS CORRECTED LOCATION: LAT. 31.142289 LONG. 88.600388

REMARKS: GPS at well

This well not on list, but it appears
to be an 8" sub casing well



RECEIVED
 DEC 10 1999

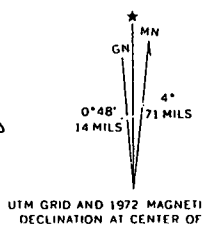
Dept. of Environmental Quality
 Bureau of Land & Water Resources

Leakesville Quad
 T. 2 N
 R. 6 W

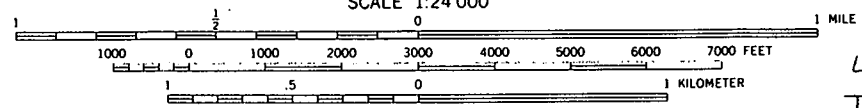


and published by the Geological Survey
 and USC&GS
 Photogrammetric methods from aerial
 photographs, 1971. Field checked 1972
 100-foot grid ticks: Mississippi coordinate
 (transverse Mercator)
 100-foot grid ticks: 1927 North American datum
 blue. 1927 North American datum
 Dashed lines indicate selected fence and field lines where
 shown on aerial photographs. This information is unchecked

GW-14538



UTM GRID AND 1972 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



SCALE 1:24 000
 (VERTICAL)
 3266 11 SE
 CONTOUR INTERVAL 10 FEET
 DOTTED LINES REPRESENT 5-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL