

Coded By WTO 9/94  
Checked By 8/28/94  
Entered By 2/9/94  
Date 3/98

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 52  
County CGA  
Agency HOMA

Well No. H48

WELL RECORD

Agency Code U S G S Site Id 13412406904158011 Project No. 54

Station Name 12 H48 SHEPARD WA Latitude 9 34 12401 Longitude 10 09 04 1581

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0217 NWSE Land Net 13 NWSIESI 15 T 27 N R 015 W

Location Map 14 SHEPARD Altitude 16 462 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 10810302107

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

Instru. 805 Remarks 806 Relia. 3 C L M U (E-W) X

Date of Construction 21 10 / 148 / 11993 Well Use 23 M Water Use 24 P Primary Aquifer 714 124 M W X Hole Depth 27 13701

Well Depth 28 1368 Water Level 30 22 Water Level Date 31 10 / 1101 / 11994 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 60 10 / 1101 / 11994 Contractor 63 O O I I Name LIPE Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 12710	79 181
R=76	T=A	725#2	59#1	77 1255	78 12714	79 61

*725#3 59#1 \* 77#1291. \**  
*78=1338. \* 79#6. \**

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 12714	84 12911	87 16	85 S	89	88
R=82	T=A	726#2	59#1	83 13318	84 13681	87 16	85 S	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 10 / 1101 / 11994 Intake 44 11801

Power 45 F H.P. 46 110 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 10 / 1101 / 11994 Owner Name 161 SHEPARD WA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 052 Assigner 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934     /     /         *	Aquifer Sampled	1954                 *	Temp	196#00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934     /     /         *	Aquifer Sampled	1954                 *	Sp Cond	196#00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934     /     /         *	Aquifer Sampled	1954                 *	pH	196#00400	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	1994 E *	Beg. Depth	2004                 *	End Depth	2014     3704   *
R=198	T=A	739#1	Log Type	1994   *	Beg. Depth	2004                 *	End Depth	2014                 *

MISCELLANEOUS NETWORK DATA *706 = QW WL WD \**

R=114	T=A	730#1	Beg. Year	1154     9     *	End Year	1164     9     *	Agency Source	120=A	117#           *	Freq.	1184     *
R=121	T=A	730#2	Beg. Year	1154     9     *	End Year	1164     9     *	Agency Source	117#           *	Freq.	118#     *	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	1844     /     /         *	Remarks	1854                 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	1484     10   /     01   /     9   9   4   *	Type	703# (P) #	Discharge	1504     1564   *	Sp. Capacity	2724           *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	914     2704   *	Depth Bot.	924                 *	Unit Id	934     240                 *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	1004                 *	1034     *
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*N of Hwy 322 +  
E of Hwy 1*

*CL-279?  
240  
Color=30  
pH=8.3  
Fe=75(?)  
Totald=156gm*

The box below is for office use only. MUWX

Issued: <u>6-8-93</u>	Expires: <u>6-8-2003</u>	Fee Paid <input checked="" type="checkbox"/>	Permit No. <u>GW-14639</u>
Lat. <u>34-12-34</u>	Long. <u>90-42-33</u>	Elev. <u>163'</u>	USGS No.
Quad <u>SHERARD</u>	Dist.		Basin No. <u>08630207</u>
STAC			Dam Inv. No.
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39249-0631

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

**RECEIVED**  
MAY 03 1993

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

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

Dept. of Environmental Quality  
Office of Land & Water Resources

**LANDOWNER:**

Sherard Water Association, Inc. 64-0806312  
(Name) (S/S or Tax ID No.)  
General Delivery  
(Address)  
Sherard MS 38669 (601) 627 - 7211  
(City) (State and Zip) (Telephone Number)

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

\_\_\_\_\_  
(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 SW 1/4 of Section 15, Township 27N, Range 5W, County Coahoma

**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) .04 million gallons per day at a maximum rate of 100 gallons per minute  
(c) \_\_\_\_\_ acre feet of storage at normal pool  
(d) 15,000 Gallons per day at a maximum rate of 100 GPM

Construction of proposed work will begin on (date) 7/1, 1993 and will be completed by (date) 10/1, 1993.

Water will be used from (month) January to (month) December 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)**

- Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_
- Description of pump/diversion works:
  - Pump (size and type): \_\_\_\_\_ Power Unit (size and type): \_\_\_\_\_  
Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute.
  - 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 Meridian Upper Wilcox aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 1400 +/- feet. DRILLER (name): Not known at this time
- (b) SURFACE CASING: Length: 1300 +/- feet. Diameter: 8" inches. Type: Steel
- (c) SCREEN: Length: 40 +/- feet. Diameter: 4 inches. Type: Stainless Steel
- (d) PUMP: Type: Turbine. Size: 4". Capacity: 100 gallons per minute.  
Number of stages: Not known at this time. Setting depth: Not known at this time feet.
- (e) POWER UNIT: Type: Electric Motor. Size: Not known at this time horsepower.
- (f) TYPE OF COMPLETION: Domestic water supply

**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	

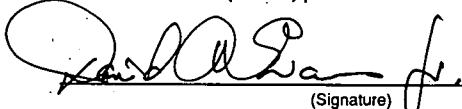
1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Soybeans \_\_\_\_\_; Corn \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Oats \_\_\_\_\_; Grain sorghum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_
2. **FISH 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 200. (b) The number of connections/customers is 60  
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? 15,000 gals 1998; 20,000 gals 2003; 25,000 gals 2008; 30,000 gals 2013  
(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: \_\_\_\_\_

**REMARKS:** \_\_\_\_\_

List below the person to be contacted for additional information if required:

David A. Evans, Jr., P.E.  
(Name)  
1415 Sunset Circle  
(Address)  
Clarksdale, MS 38614  
(City, State, Zip)  
601 627 7498 or 601 624 3024  
(Telephone)

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

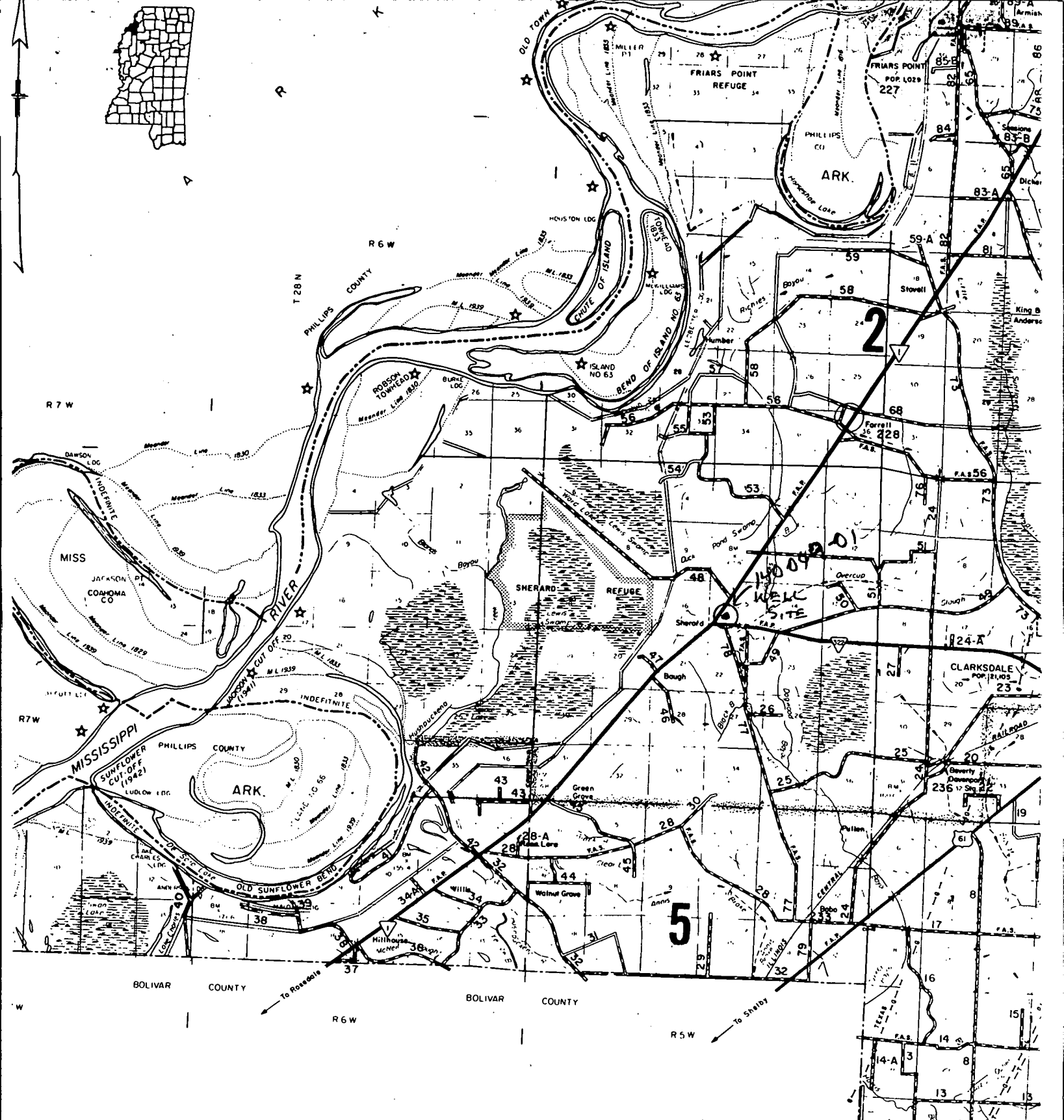
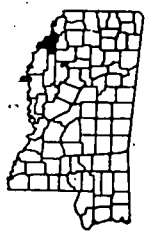
  
(Signature)  
By: David A. Evans, Jr., P.E.

Subscribed and sworn to before me this 29 day of April 19 93, at \_\_\_\_\_  
County of Calhoun. My commission expires My Commission Expires Jan. 20, 1995  
Linda B. Smith Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: 5-7-97  
UNIT DEQ #: GW14639 FILE #: B050719B  
HEALTH DEPT. #: 140049-01 ELEV. \_\_\_\_\_  
USGS #: H-48 OLWR #: MS-GW-14639  
OWNER: Shevard Water Assoc  
LOCATION: NW SW S 15 T 27N R 5W COUNTY: Caahoma  
LOCATION DESCRIPTION: 4 miles west of Clarksdale (off. 322)  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_  
GPS FIELD LOCATION: LAT. 34 12 44.3 LONG. 90 42 28.8  
GPS CORRECTED LOCATION: LAT. 34.212308 LONG. 90.70800729  
REMARKS: Shevard Quad  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### LEGEND

PRIMITIVE ROAD	UNIMPROVED ROAD	AIRFIELD LIMITED FACILITIES	
GRADED AND DRAINED SOIL SURFACED ROAD	GRAVEL OR STONE ROAD	LANDING AREA OR SIRIP INCLUDING PRIVATE AIR FIELDS	
NOT GRADED OR DRAINED GRAVEL OR STONE ROAD	GRAVEL OR STONE-STABILIZED SURFACE	COUNTY SEAT	
GRAVEL OR STONE-STABILIZED SURFACE	INTERMEDIATE TYPE BITUMINOUS	OTHER CITIES AND VILLAGES (for subdivision and name)	
HIGH TYPE BITUMINOUS	PORTLAND CEMENT, CONCRETE	TRIANGULATION STATION	
BRICK OR BLOCK	COMBINATION TYPE ROAD	TENANT HOUSES	
DIVIDED HIGHWAY	4 LANE UNDIVIDED HIGHWAY	HIGHWAY GARAGE	
FEDERAL-AID SECONDARY	FEDERAL-AID PRIMARY	SCHOOLHOUSE	
FEDERAL-AID PRIMARY	INTERSTATE SYSTEM	CHURCH	
NATIONAL FOREST HIGHWAY		CEMETERY	
		CHURCH WITH CEMETERY ADJACENT	
		GRAIN ELEVATORS	
		SEASONAL INDUSTRY	
		SMALL PARK	
		GOLF GROUND OR COUNTRY CLUB	
		DRIVE IN THEATRE	

FEDERAL HIGHWAY MAP  
OKLAHOMA

