

2520  
3/86  
**TRANSMITTED FOR ADD**

1/81 WTD

Recorded by UG

Date 7/8/85

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. J40

E-Log No. 252

County Jasper

Bay Springs

GW  
13944

Site ID 315921089173701 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=061\*

Lat. Long./ 9=315921\* 10=0891737\* Well No. 12=J040\*

Location 13=NE NWNE s 29 T 02 N R 10 E\* Alt. 16=472\*

Hyd. Unit (OWDC) 20=03170004\* Date 21=0611711985\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=1200\* Well depth 28=1123\*

WL 30=246\* Date 31=0813011985\* Source 33=D\*

Status 273=\* Project No. 5=\*

OWNER

R=158\* T=A\* Date 159#0813011985\* Owner No. \_\_\_\_\_

Owner 161# BAY SPRINGS

FIELD CW

R=192\* T=A\* Date 193# / / \* Temp. 196#00010\* 197= . . \*

R=192\* T=A\* Date 193# / / \* Cond. 196#00095\* 197= . . \*

R=192\* T=A\* Date 193# / / \* pH 196#00400\* 197= . . \*

CONSTR.

R=58\* T=A\* 59# 1\* Date 60=0813011985\* Remarks \_\_\_\_\_

Drlg. 63=184\* Name Griner Method 65=14\* Finish 66=5\*

CASING

R=76\* T=A\* 59# 1\*

Top csng. 77# 0.\* Bot. csng. 78=1012.\* Diam. 79# 116.\*

R=76\* T=A\* 59# 1\*

Top csng. 77# 1981.\* Bot. csng. 78=1021.\* Diam. 79# 10.\*

R=76\* T=A\* 59# 1\* 77# 1076.\* 78=1088.\* 79# 10.\*

OPENINGS

R=82\* T=A\* 59# 1\* Top 83# 1021.\* Bottom 84=1077.\*

Type 85=S\* Diam. 87=10.\* Size 88=.

R=82\* T=A\* 59# 1\* Top 83# 1088.\* Bottom 84=1123.\*

Type 85=S\* Diam. 87=10.\* Size 88=.

YIELD

R=146\* T=A\* 147# 1\* Q 150=900.\* Q/S 272=7.4\*

134 flows 146 pumped

R=42\* T= A \* Lift type 43# T \* Intake 44= \* Power type 45= E \*

LIFT

Date 38= 08/30/1985 \* H.P. 46= 150. \* \*

LOGS

R=198\* T= A \* Log 199# D \* Top 200= 0. \* Bot 201= 204. \*  
 R=198\* T= A \* Log 199# E \* Top 200= 10. \* Bot 201= 97. \*  
 R=189\* T= A \* E Log No. 190# 252 \* 191= M I S S I S S I D I S T \*

ANAL.

R=114\* T= A \* Year 115# \* 117= \* 120= \*

AQUIFERS

R=90\* T= A \* 256# 1 \* Top 91= 10.20. \* Bot 92= 10.74. \*  
 Unit ID 93= 1243PRT \* Name of Unit  
 R=90\* T= A \* 256# 1 \* Top 91= 10.97. \* Bot 92= 11.71. \*  
 Unit ID 93= \* Name of Unit

HYDRAULICS

R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*  
 R=105\* T= A \* 99# 1 \* Test No. 106# \*  
 107= \* Transmissivity (gal/d)/ft  
 108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>  
 110= \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \* Network 258# \*

Water Level Data Collection (1)

Test well 5x3 1114-1174  
 45gpm/25'dd  
 WL= 245'

Problem -  
 tag says 20-03,  
 but should be  
 2-04  
 Check  
 in field!

TOP SOIL	0	3
CLAY + SAND STRATS	3	63
CLAY, ROCK + SAND STRATS	63	168
SHELLS	168	189
CLAY + SAND STRATS	189	231
CLAY	231	525
SHELLS + SAND STRATS	525	546
CLAY	546	594
SHELLS + SAND STRATS	594	616
SAND	616	690
CLAY, ROCKS + SAND STRATS	690	888
SAND	888	916
CLAY	916	934
SAND	934	954
CLAY	954	1020
SAND, MED.	1020	1076
CLAY	1076	1087
SAND	1087	1124
CLAY	1124	1204

JASPER  
 F40  
 8-30-85

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

Southport Mall

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

Aug. 30 1985 PRINER DRILLING SER. JASPER  
 date well completed firm name county well located

LANDOWNER: TOWN OF  
 BAY SPRINGS, 1985  
 WELL  
 (mailing address)

WELL LOCATION: N 1/4 NW 1/4  
 sec. 29 T. 2 N R. 10 E  
 S W

(distance) miles (direction) of (nearest town)

WELL PURPOSE:  
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 16"
- (2) total depth (feet) 1123 ft.
- (3) static water level (feet) 246.12 below top of ground.
- (4) casing Steel 1012 ft. (material) (depth)
- 16" If telescope see back. (size)
- (5) screen 90 ft. 1020.61 ft. + 1088.43 ft. (length) (depth to top)
- 10" 30% S.S. (size) (material)
- (6) pump 150 900 (HP) (yield gpm)
- ELECT. (type power)
- (7) electric log Yes (yes or no)
- Miss. Geol. Survey (organization running log)
- (8) how well bottom plugged 5 ft. string & back was VALVE

description of formations encountered	from	to
TOP SOIL	0	3
CLAY & SAND STRATA	3	63
CLAY, ROCK & SAND STRATA	63	168
SHELLS	168	189
CLAY & SAND STRATA	189	231
CLAY	231	525
SHALE & SAND STRATA	525	546
CLAY	546	574
SHELLS & SAND STRATA	574	616
SAND	616	670
CLAY, ROCKS & SAND STRATA	670	888
SAND	888	916
CLAY	916	934
SAND	934	954
CLAY	954	1020
SAND, MED.	1020	1076
CLAY	1076	1087
SAND	1087	1121
CLAY	1121	1204

RECEIVED

SEP 30 1985

DRILLERS REMARKS:

Department of Natural Resources  
 Bureau of Land & Water Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotwpeak DATE: 8/8/96  
UNIT DEQ #: 82859 FILE #: B080818B  
HEALTH DEPT. #: 310002-02 ELEV. \_\_\_\_\_  
USGS #: ~~540~~ 540 OLWR #: ~~540~~ 540 <sup>GW -</sup> 13944  
OWNER: Town of Bay Springs QUAD: Bay Springs  
LOCATION: NW-NE S 29 T 2N R 10E COUNTY: Jasper  
LOCATION DESCRIPTION: On Edmond King Rd at NW Corner of School.  
.65 mi. NW of Hwy 15N (Bay Springs.)  
CASING DIA: 16" PUMP TYPE & SIZE: 150 HP Elec.  
GPS FIELD LOCATION: LAT. 31° 59' 19.9" LONG. 89° 17' 36.3"  
GPS CORRECTED LOCATION: LAT. 31.98892410 LONG. 89.29311647  
REMARKS: GPS at well.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

