

# TRANSMITTED FOR ADP

Falkner

Coded By 11/2/88  
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Entered By VJ  
Date 1/88

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. E27  
E-Log No. 37  
County TIPPERA  
Agency \_\_\_\_\_

## WELL RECORD

Agency Code: U S G S Site Id: 1314510141101815161021011 Project No.: 511111111

Station Name: 12 FALKNER Latitude: 93145101411 Longitude: 104081815161021

Lat/Long Ac.: 11 S F T M Dist: 6=28 State: 7=28 County: 8=11391 SW SW Land Net: 13 S1S1S1S1O1I11013S1R1O131E1\* 465'

Location Map: 14 FALKNER Altitude: 465 Met/Meas: 17 A L N Accuracy: 18 1101 Hydrologic Unit: 20 01810110210171

Agency Use: 803 A I O Date Inventoried: 7114061/1241/11918171 Station Type: Y Data Type: 804

Instru.: 805 Remarks: \_\_\_\_\_ Relia.: 3 C L M U 2=N

Date of Construction: 21/101/1091/11918171 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714211110101F1 Hole Depth: 27 1919181

Well Depth: 28 1919121 Water Level: 30 19121 Water Level Date: 31/101/1091/11918171 Method: 34 1 Status: 37 1 Source: 33 D

CONSTRUCTION DATA

R=58, T=A, 723#1, Construction Date: 60/101/1091/11918171, Contractor: 63012111, Name: HERNDON, Method: 65 HA, Finish: 66 G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1, 59#1, 77 11 101	78 191091	79 1101
76	A	725#2, 59#1, 77 1814181	78 191101	79 161

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#2, 59#1, 83 191101	84 1919121	87 161	85 S1	89 18121	88
82	A	726#2, 59#1, 83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42, T=A, 254#1, Lift Type: 43 TT, Date: 38/101/1091/11918171, Intake: 44 1312121

Power: 45 E, H.P.: 46 1101, Serial No.: 49

MISCELLANEOUS OWNER DATA

R=158, T=A, 718#1, Date of Ownership: 159/101/1091/11918171, Owner Name: 161 FALKNER

MISCELLANEOUS OTHER ID DATA

R=189, T=A, 736#1, E-Log No.: 190 013171, Assigner: 191 M I S S I D I S T

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#DI *	Beg. Depth 200#     101#   *	End Depth 201# 199181#   *
R=198	T=A	739#1	Log Type 199#EI *	Beg. Depth 200#     17181#   *	End Depth 201# 199181#   *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Network Type 706#   *	Beg. Year 115#   9     *	End Year 116#   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#   101   1091   111918171# *	703# (P) #	150# 215161       *	272#   2191# *
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GEOHYDROLOGIC DATA

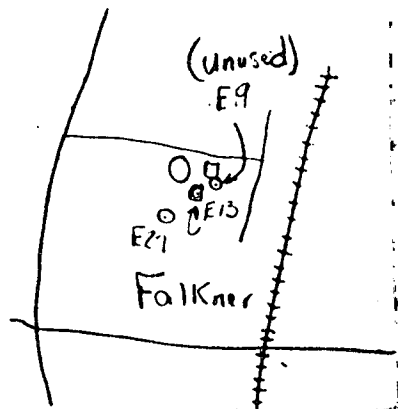
R=90	T=A	721#1	Depth Top 91# 1718101#   *	Depth Bot. 92# 1919101#   *	Unit Id 93# 21111C101F1# *
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                 *	103#     *
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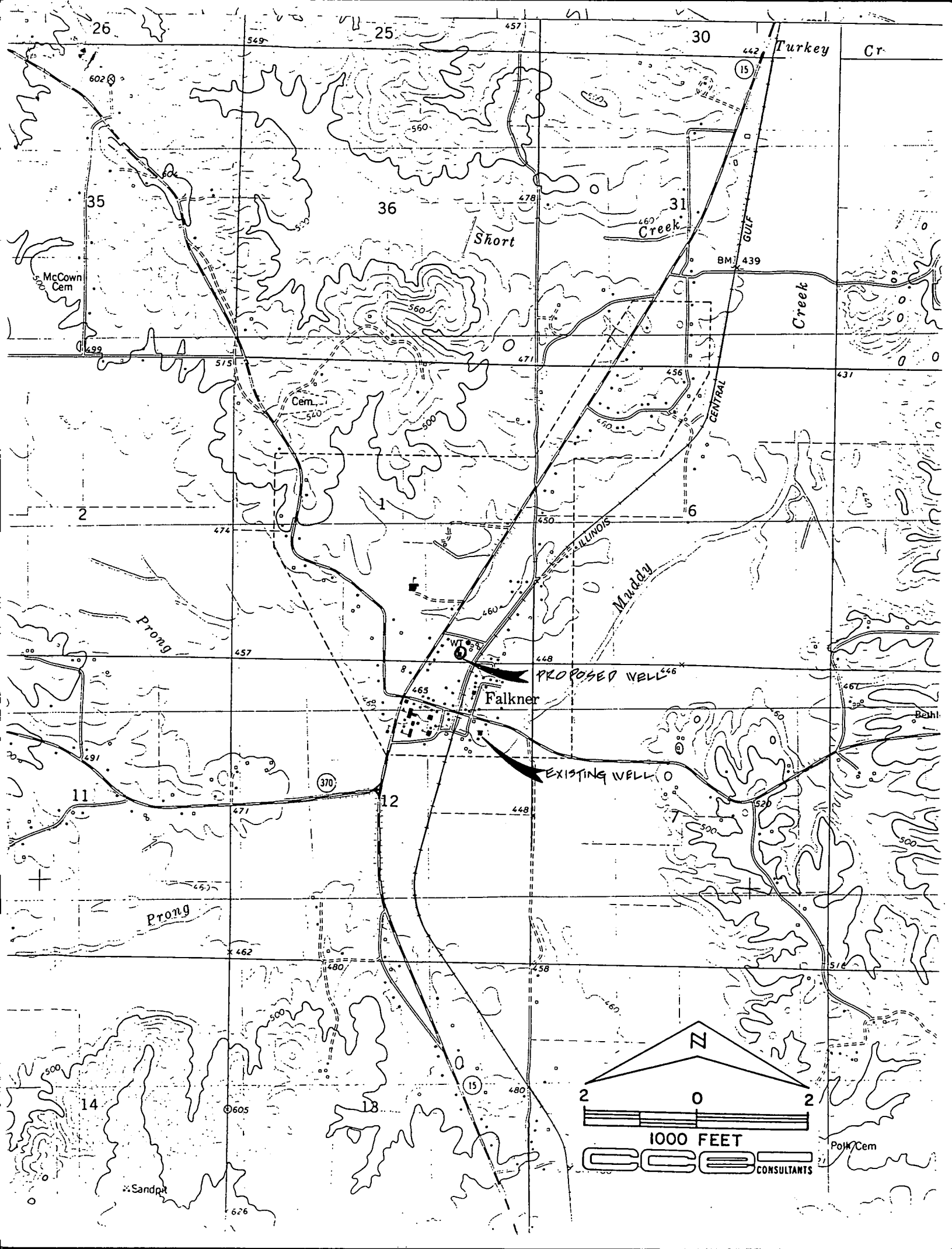
Well yielded 256 gpm w/drawdown of 88 feet after 24 hrs. of pumping

TDS = 138  
Fe = .19  
Hardness = 84  
Well #2



DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Surface Clay	0	20	Sand	302	320
Sand	20	45	Clay	320	340
Hard Rock	45	49	Sand	340	360
Sand	49	60	Blue Clay	360	780
Grey Shell	60	111	Sand	780	820
Hard Rock	111	114	Shell & Sand	820	860
Sand	114	140	Tight Sand	860	910
Rock	140	142	Sand	910	990
Sand	142	300	Blue Clay	990	998
Shell Rock	300	302			

12/92  
200 well off 1hr  
- 3.30  
196.70  
1.30  
195.40



MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Tippah</b>		PERMIT NUMBER <b>GW 6862</b>
WELL NUMBER <b>E 27</b>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
DATE WELL COMPLETED <b>09 October '87</b>		LOCATION <b>Shannon, MS 38868</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**Town of Falkner**

**Falkner, MS**

WELL LOCATION: SEC 01 TOWNSHIP 03 RANGE 03 **E**

DISTANCE Inside city limits MILES of NEAREST TOWN

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Municipal**

PUMP DATA

PUMP TYPE (Circle One): Turbine Jet Flowing Well.

POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane, Other (Describe)

Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>256</b>	<b>9</b>	<b>322'</b> FT.

PUMP TEST

Well yielded 256 GPM with a drawdown of 88 ft. after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>991'83"</b>	<b>10"</b>	<b>911.5</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel</b>	<b>998'</b>	<b>192'</b>

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  
**847.50 FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One): Electric No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log  
**Herndon Well & Supply**

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
<b>6"</b>	<b>82.33</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>SS Ribbed</b>	<b>909.50 ← Top</b>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. Elev.	Analysis	Aquifer Test	

Driller's Remarks

**RECEIVED**

**DEC 10 1987**

Department of Natural Resources  
Bureau of Land & Water Resources

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Sand	20	45	Clay	320	340
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Sand	49	60	Blue Clay	360	780
Grey Shell	60	111	Sand	780	820
Hard Rock	111	114	Shell & Sand	820	860
Sand	114	140	Tight Sand	860	910
Rock	140	142	Sand	910	990
Sand	142	300	Blue Clay	990	998
Shell Rock	300	302			

IF MORE SPACE IS NEEDED, USE BACK

