

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

RECEIVED

COUNTY WELL LOCATED
CLARKE

WELL NUMBER **24** CODED

DATE WELL COMPLETED
1-17-91

PERMIT NUMBER

NAME OF DRILLING FIRM
E-2 Drill Pump + Pipe

Supply of Shubuta, Ms

P.O. Box 10631
Jackson, Mississippi 39209
WATERWELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
Mabel Garcia

Rt. 1 Box 95-A

Quitman Ms, 39355

WELL LOCATION: SEC **4** TOWNSHIP **3** RANGE **17** **(E)**

DISTANCE **3** Miles **South** of **Energy** DIRECTION NEAREST TOWN

OTHER LANDMARK

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

Dept. of **Environmental Quality**

PUMP TYPE (Circle One) & Well Resources
 Submersible Turbine Jet Flowing Well, Other (Describe)

POWER TYPE (Circle One):
 Electric Tractor Diesel Gasoline Butane, Other (Describe) **H/P**

Pump Capacity (GPM) **5** No. of Stages **19** Setting Depth **235** FT.

PUMP TEST
Well yielded **10** GPM with a drawdown of **20** ft. after **8** hours of pumping

WELL DATA

Well Depth 420	Casing Diameter (In.) 4"	Casing Length (Ft.) 275
Type of Casing PVC	Hole Depth 420	Depth to Static Water Level 180
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Telescoped <input checked="" type="checkbox"/> Natural Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Describe)		
Top of Lap Pipe or Reduction in Casing 240 FEET IF TELESKOPED 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

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches 2	Length - Feet 40'	Slot Size - Inches .006
Screen Type WOP PVC	Depth to Bottom - Feet 380 + 415	

Driller's Remarks
Note: L.S.D. is Very High, 465' Above sea level

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red sandy Clay	0	10	Clay Grey Sandy	216	225
Red sand	10	20	Light Grey Sand, Fine & Silty	225	255
White sand	20	45	Light Green Clay, Carbonaceous	255	270
Yellowish Whitish clay	45	55	Light Green Clay, silt & Carbon	270	305
Black + Blue Clay, Lignitic	55	60	Greyish light Blue Green ^{silty} clay + Blue sand	305	350
Blue Clay + Claystone	60	77	Greyish Clay	350	365
Blue Green Clay + Claystone streaks	77	150	Light Brown Clay / Grey Clay Lignitic	365	370
Blue shale + Clay streaks	150	175	Grey Clay	370	382
Fine Sand w/ Black specks	175	185	Grey + Black Clay	382	390
Coarse White sand	185	204	Bluish Grey Sandy Fine	390	415
Greyish light Brown Clay, Sandy	204	216	IF MORE SPACE LIGNITE	415	420