

148B

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED
Jefferson

WELL NUMBER CODED
1 N 74

DATE WELL COMPLETED
3-14-89

PERMIT NUMBER

NAME OF DRILLING FIRM
Butane Gas Co.

CODED

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
James Smith
Rt. 1, Box 79
Itta Bena, Mo 38941

WELL LOCATION: SEC *7* TOWNSHIP *18* RANGE *1* *S* *E*

DISTANCE *7* Miles DIRECTION *SW* of NEAREST TOWN *Itta Bena*

OTHER LANDMARK

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

PUMP DATA

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

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) H/P *80*

Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>1300</i>	<i>3</i>	<i>60</i> FT.

PUMP TEST

Well yielded *1300* GPM with
a drawdown of *7* ft.
after *2* hours of pumping

WELL DATA

Well Depth <i>104</i>	Casing Diameter (In.) <i>16"</i>	Casing Length (Ft.) <i>64</i>
Type of Casing <i>Steel</i>	Hole Depth <i>104</i>	Depth to Static Water Level <i>18</i>

TYPE OF COMPLETION: (Circle One or More):
Gravel Packed, Underreamed, Telescoped,
Natural Development, Open Hole, Other

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED 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

SCREEN DATA

Diameter - Inches <i>16"</i>	Length - Feet <i>40'</i>	Slot Size - Inches <i>30T</i>
Screen Type <i>wire wrap</i>	Depth to Bottom - Feet <i>104</i>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Topsoil</i>	<i>1</i>	<i>9</i>
<i>clay</i>	<i>9</i>	<i>33</i>
<i>fine sand + clay</i>	<i>33</i>	<i>41</i>
<i>fine sand</i>	<i>41</i>	<i>53</i>
<i>coarse sand</i>	<i>53</i>	<i>86</i>
<i>coarse sand + gravel</i>	<i>86</i>	<i>104</i>

FORMATIONS (continued)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO

JUN 19 1989

Department of Natural Resources
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IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show location of each on sketch.