



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 19

WELL: 070

LOG NO.:

Recorded by: PPhillips Data Source: Permit Driller's log Date: 9/2/03

County: Choctaw Permit No.: GW15236 DOH No.:

Quad: Reform Elevation: 582

1/4: 1/4: NW 1/4: SW 1/4: NW Sec.: 36 T: 18N R: 10E

Plotted on quad?: In field? From drillers log? From permit?

Latitude: Longitude: GPS? 8/18/03 From Quad?

Primary aquifer: M55V Secondary aquifer:

Use: IN Well status: Local well name: Production Well #3

Owner: Choctaw Co. Economic Development District

Date completed: 10/1/01 Driller: Layne-Central Well depth: 3166 Hole Depth: 3590

Pump type: T Power type: E Pump capacity: 2300 HP: 600

Casing interval: 0-800' Casing length: 800' Casing diameter: 16" Casing type: S

Casing interval: 800-2771 Casing length: 1971' Casing diameter: 14" Casing type: S

Casing int: 2591-2781 240' 10" S

Screen interval: 2781-2896 Screen length: 110' Screen diameter: 10" Screen type: SS

Screen interval: 2931-3151 Screen length: 220' Screen diameter: 10" Screen type: SS

Type of logs: E Log interval:

Initial water level: 418 Date: 10/1/01 M.P. description:

Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

COUNTY WELL LOCATED  
**Choctaw**

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL NUMBER  
**3 D70**

CODED

PERMIT NUMBER  
**MS-GW-15236**

Office of Land and Water Resources

NAME OF DRILLING FIRM  
**Layne-Central**

P. O. Box 10631  
Jackson, MS 39289-0631

DATE WELL COMPLETED  
**October 2001**

**Jackson, MS**

WATER WELL DRILLERS LOG

NAME & ADDRESS OF LANDOWNER  
**Tractebel Power, Inc.**

**PO Box 358  
Ackerman, MS 39735**

LATITUDE  
LONGITUDE

WELL LOCATION SEC TOWNSHIP RANGE  
**-- 36 18N 10E**

DISTANCE DIRECTION NEAREST TOWN  
**8 Miles North of Ackerman**

OTHER LANDMARK  
**Highway 9 & Pensacola Road**

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)  
**Industrial Production Well # 3**

WELL DATA

Well Depth Casing Diameter (In.) Casing Length (Ft.)  
**3166' 16" to 14" 2771'**

Type of Casing Hole Depth Depth to Static  
**Steel 3590' 418'**

TYPE OF COMPLETION: Gravel Packed  Natural Development  Open Hole   
Underreamed  Telescoped  Other (Describe)

WELL GROUTED TO A DEPTH OF **3175** FEET

Type Grout: Cement  Bentonite  Mix

SCREEN DATA  
Diameter (In.) Length (Ft.) Slot Size (In.)  
**9 5/8" 330' 0.016"**

Screen Type Depth to Bottom (Ft.)  
**Pipe Base Wire 3166'**

PUMP DATA  
PUMP TYPE: Submersible  Turbine  Jet Flowing Well   
Other (Describe)  
POWER TYPE: Electric  Gasoline  Tractor  Diesel  Butane   
Other (Describe) H/P **600**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
No Record	0	2393
Fine Sand, Gray Clay	2393	2455
Fine to Coarse Sand	2455	2471
Gray Clay, Fine Tan Sand	2471	2564
Dark Gray Clay	2564	2579
Fine Gray Sand w/ Little Clay	2579	2627
Fine, Medium & Coarse Sand	2627	2658
Gray Clay w/ Trace White Rock	2658	2673
Fine to Medium Sand	2673	2689
Fine Sand, Dark Gray Shale	2689	2700
Fine Gray/Black Sand w/ Clay	2777	2888
Fine to Medium Sand w/ Clay	2888	2966
Fine Gray/Black Sand w/ Lignite	2966	2996
Fine Black Sand w/ Gray Clay	2996	3090
Fine Black/White Sand w/ Gray	3090	3230

RECEIVED  
SEP 02 2003  
BY: **OLWR**  
Top of Lap Pipe or Reduction in Casing **800** FEET IF TELESCOPED OR MORE THAN ONE SCREEN, USE PAGE.

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LAYNE-CENTRAL  
By: *David Cook* Date: **8-25-03**

Signature of Licensed Driller and License No. Date

Additional Information Required on Back

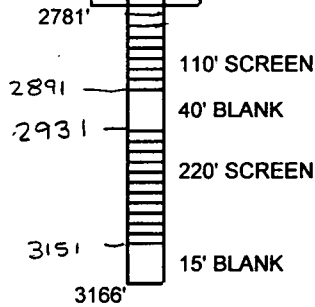
If well telescopes, please sketch and show depths.

GROUND LEVEL

16" GL TO 800'

14" 800' TO 2771'

9 5/8" LAP 240'



NOT TO SCALE

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


SECTION 36

Please indicate well location X.

Pump Capacity (GPM) <b>2300</b>	No. of Stages <b>11</b>	Setting Depth (FL) <b>600</b>	
PUMP TEST			
Well yielded <u>2600</u> GPM with a drawdown of <u>72</u> feet after <u>1</u> hours of pumping.			
LOG DATA			
TYPE OF LOG	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>	
Gamma Ray <input type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe)			
Name of Organization Running Log <b>Schlumberger</b>			
GEOLOGIC DATA (Office Use Only)			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
<b>Depth Per Ground Level</b>			
<b>Top of Top Screen at 2781'</b>			
<b>Bottom of Bottom Screen at 3166'</b>			

8/18/03

DLH/CE

E2001 - CHOLTAW Co.

~40' S OF WELL (@ GATE)

33.37779

89.18918

D70

~~D7~~ East (Near Hwy 9)

(DEEP WELL #3)

N 20' SW

PIC 643

33.38286

89.21000

D42 DEEP WELL #2

N 30' W

33.37696

89.21420

PIC 644

645

NEW WELL (Layne)

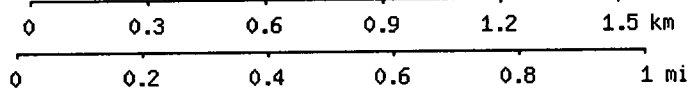
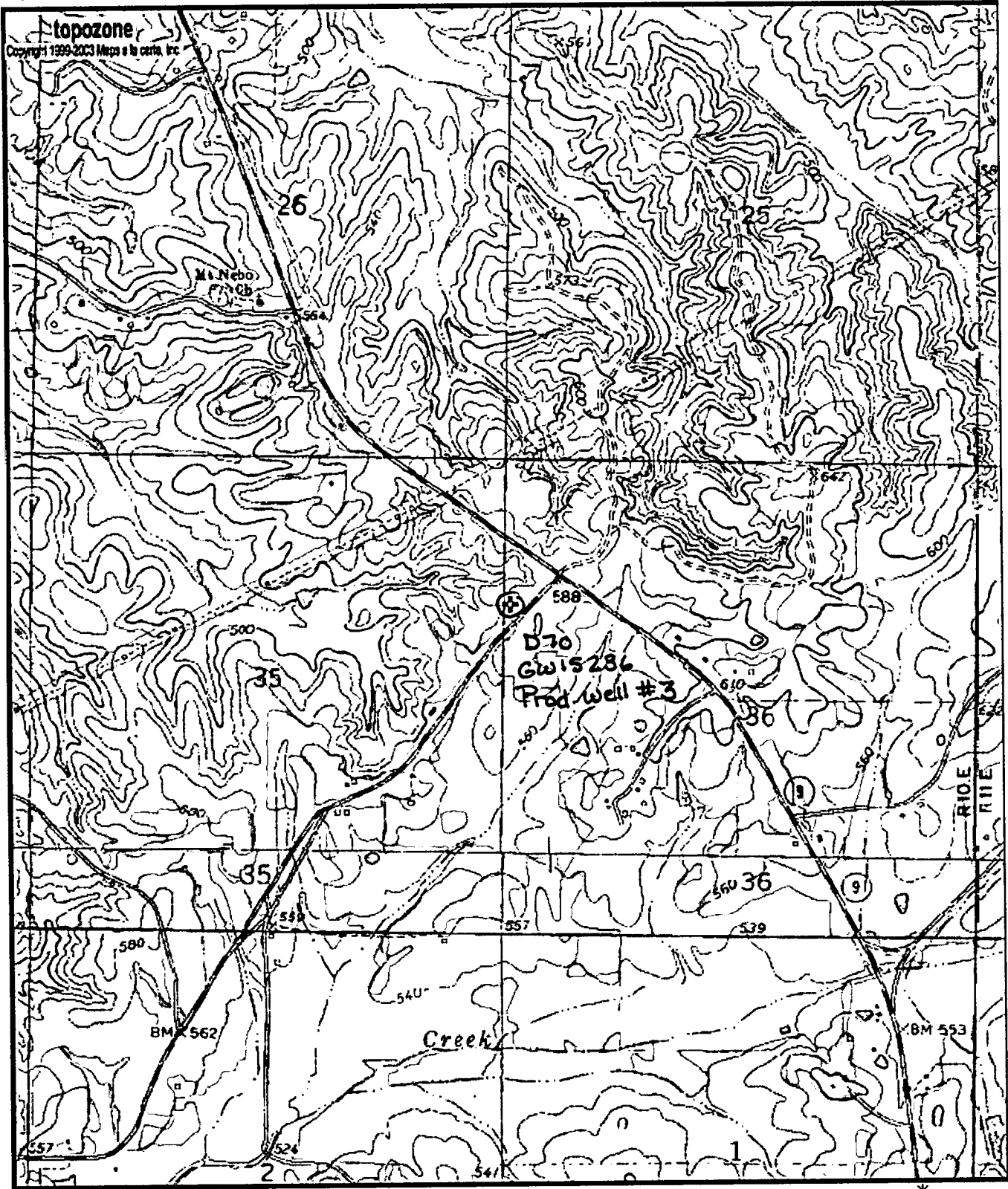
PIC 646

~~645~~

33.37353

89.21867

ON WELL



Map center is 33° 22' 58"N, 89° 12' 36"W (NAD27)  
**Reform** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum

MN  
GN  
MN=0.955  
GN=1.217

D0070-019. 8/18/2003

