

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601)360-0535 (fax)

For Office Use Only:

Well #: 658
 Aquifer: _____
 E-Log #: _____

County: Oakoma
 Permit #: _____
 Driller: Charles M. Nichols
 Date drilling completed: 8-25-17

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Spreading Brothers Farm</u>	Latitude: <u>34°10'16.16"N</u> Longitude: <u>90°49'05.43"W</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>P.O. Box 274</u>	<u>SE 1/4 NE 1/4, Sec 33 T 27N R 6W</u>
<u>Marks</u> <u>MS</u> <u>38646</u>	_____ Miles _____ of _____
City State Zip Code	(Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

Well / Borehole Data

Date drilling started: 8-22-17 Date drilling completed: 8-25-17 Hole depth: 600 Hole diameter: 7 7/8'

Location of the source of any surface water used for drilling: Tank

Method of dosing and volume of Chlorine used in drilling and development: 50 ppm

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
 Seismic Survey Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: _____ feet [above or below] land surface Date measured: _____
 (circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 600 Well grouted to a depth of: 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 560 feet Casing diameter: 4x3 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 3 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 560 feet to 600 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: 220 feet

If telescoped or more than one screen, describe on next page

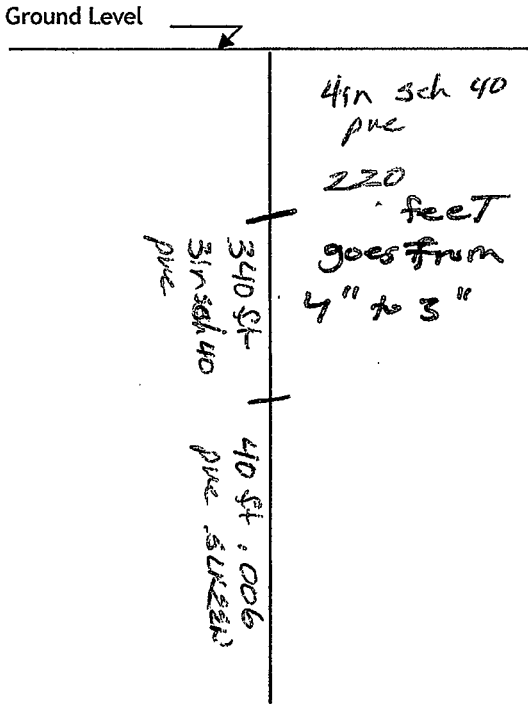
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County: Coahoma
 Permit #: _____

For Office Use Only:
 Well #: 658

The sketch below only required for water wells
If well telescopes, show depths on sketch.

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations



Description of Formations Encountered	From (depth)	To (depth)
Sand and CS	Ground level	100
sand and gravel	100	100 160
fine sand	160	180
sand some clay stk	180	250
Clay sand	250	380
sand clay stk	380	490
fine to med sand	490	500
CS	500	520
med sand	520	540
med to CS	540	600

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

Sketch the property layout and include the following:

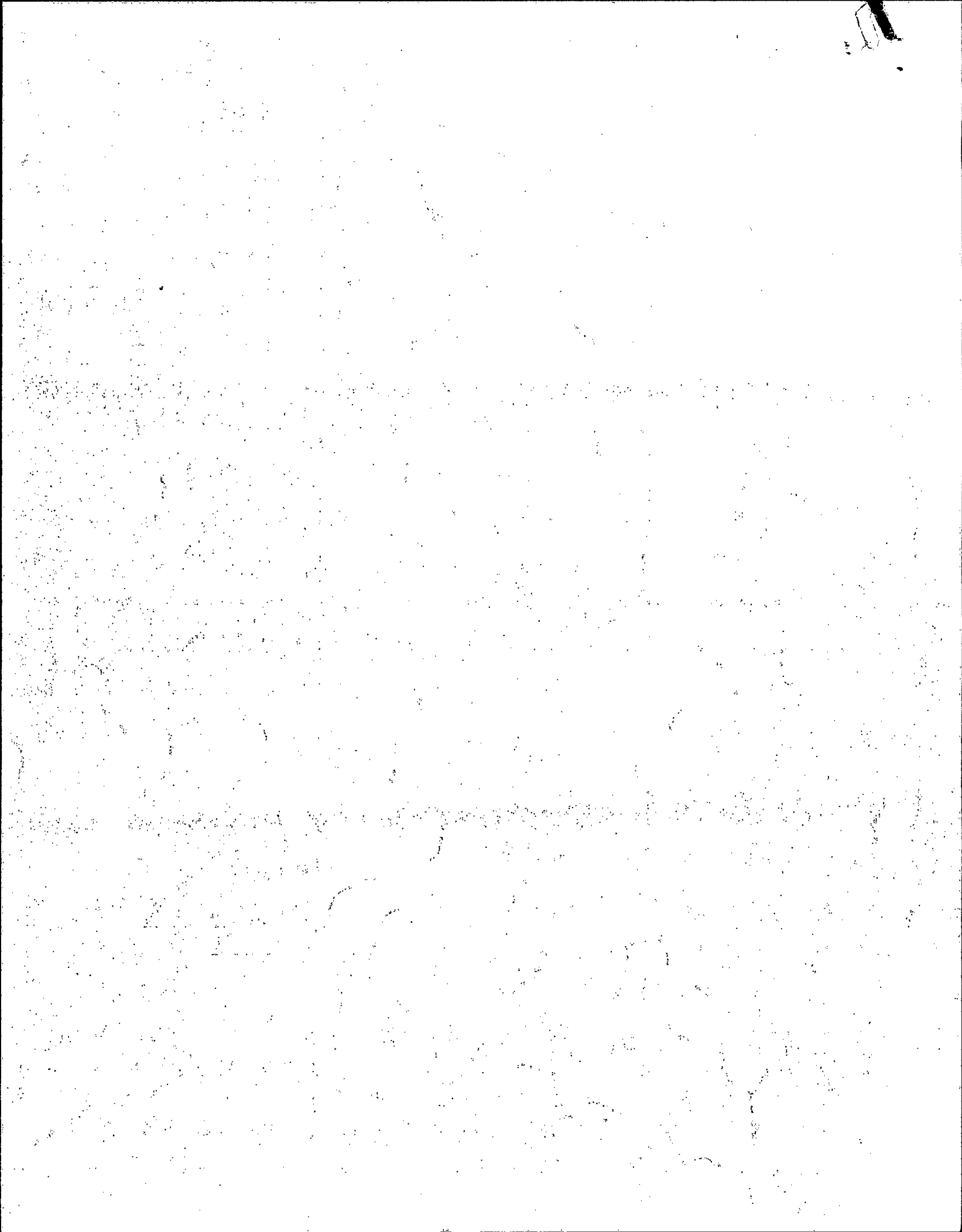
- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow

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Landowner Name: _____

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Charles m. Nichols 0667 12-18-17 Charles M. Nichols
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



Untitled Map

Write a description for your map.

Legend

- [Untitled]
- Number 66, Island
- Rena Lara
- well

