

State Well Report

Part 1

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
Well #: Q-35
L. S. Elevation: _____
E-log #: _____

County: Jones
Permit #: _____
Driller: John W Thompson
Date drilling completed: 8-22-06

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Sundown Energy</u>	Latitude: <u>31° 26' 08"</u> Longitude: <u>89° 00' 19"</u>
Mailing Address: <u>13455 Noel Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Dallas TX 75240</u> City State Zip Code	<u>SE 1/4 SW 1/4 Sec 33 Twn 6N Rng 10W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>3 Miles SE of Overt</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: rig supply
Date well drilling started: 8-21-06 Date well drilling completed: 8-22-06
If flowing, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: 105 feet above or below (circle one) land surface Date measured: 8-22-06
Method of Measurement (circle one) steel tape electric tape air line other: _____
Hole depth: 375 Well depth: 370 Well grouted to a depth of 20 feet
Type of grout (circle one): Cement Bentonite Mix
Casing length: 350 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC slotted
Screen slot size: .020 inches Setting depth: From 150 feet to 170 feet
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet. If telescoped or more than one screen, describe on back of page
Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
Name of organization running log(s): _____

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.

John W Thompson 0-679
Print Name of Water Well Contractor and License No.

John W Thompson
Signature of Water Well Contractor

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BY: OLWR

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Jones
 Permit #: _____
 Driller: John W Thompson
 Date completed: 8-22-06

For Office Use Only:

Aquifer: _____
 Well #: Q-35
 Elevation: _____

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>Sundown Energy</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>13455 Noel Rd</u> <u>Pallas TX 75240</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>33</u> Twn <u>6N</u> Rng <u>10W</u>
Telephone No. () _____	Distance _____ Direction _____ Nearest Town _____
	<u>3</u> Miles <u>SE</u> of <u>Ovett</u>

Pump Type Circle one	Power Type Circle one
<input type="checkbox"/> Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> <u>Submersible</u> <input type="checkbox"/> Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/> Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well Other (specify): _____ Date Pump Installed: <u>8-23-06</u> Rated Pump Capacity: <u>85</u> Gallons Per Minute	<input type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill Other (specify): _____ Horse Power Rating of Motor: <u>7 1/2</u> Setting Depth: <u>180</u> feet Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-22-06</u>	<input checked="" type="checkbox"/> <u>Air Line</u> <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>105</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>155</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>50</u> Feet Below Land Surface	Well yielded <u>100</u> GPM with a drawdown of
Test Pumping Rate: <u>100</u> Gallons Per Minute	<u>50</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

John W Thompson 0679
 Print Name of Pump Installer and License No. (if applicable)

John W Thompson
 Signature of Pump Installer

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 SEP 22 2006
 BY: OLWF