

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 #: K-101
L. S. Elevation: _____
E-log #: _____

County: Lincoln
Permit #: _____
Driller: Gary Rayborn
Date drilling completed: 4/3/08

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>Shamrock Drilling</u>	Latitude: <u>31° 27' 32"</u> Longitude: <u>90° 37' 18"</u>
Mailing Address: <u>118 Lwr Woodville Rd</u> <u>Suite 2</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad; Hand-held GPS, Survey-grade GPS
<u>Natchez MS 39120</u> City State Zip Code	SW ¼ NE ¼ Sec <u>29</u> Twn <u>6N</u> Rng <u>6E</u>
Telephone No. <u>(601) 442-0785</u>	Distance Direction Nearest Town <u>4</u> Miles <u>N</u> of <u>Centerpoint</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: Rig Supply

Date well drilling started: 4/3/08 Date well drilling completed: 4/3/08

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

Static Water Level: 120' feet above or below (circle one) land surface Date measured: 4/3/08

Method of Measurement (circle one) steel tape electric tape air line other: _____

Hole depth: 210' Well depth: 210' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 190 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 1020 inches Setting depth: From 190 feet to 210 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.

RAYBORN DRILLING, INC.

0-60



Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

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APR 17 2008
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: Lincoln
 Permit #: _____
 Driller: Gary Rayborn
 Date completed: 4/3/08

For Office Use Only:

Aquifer: _____
 Well #: K-101
 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>Shamrock Drilling</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>118 hwr Woodville Rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Suite 2</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>Natchez, MS 39120</u>	_____ 1/4 _____ 1/4 Sec <u>29</u> Twn <u>6N</u> Rng <u>6E</u>
City / State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 442-0785</u>	<u>4</u> Miles <u>N</u> of <u>Centerpoint, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5HP</u>
Date Pump Installed: <u>4/3/08</u>	Setting Depth: <u>168</u> feet
Rated Pump Capacity: <u>60</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4/3/08</u>	Air Line <input type="radio"/> <input checked="" type="radio"/> Electric Measuring Line Steel Tape
Static Water Level (A): <u>120</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded <u>60</u> GPM with a drawdown of
Test Pumping Rate: <u>60</u> Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Gary Rayborn 0-60 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 BY: OLWR

K-101

MEMO

JORDAN, KAISER & SESSIONS, LLC * Consulting Civil Engineers

TO: KFG Petroleum Corporation

DATE: May 7, 2007

FROM: Malcolm Barlow

RE: KFG Petroleum Corporation
~~Case No. 1~~
Section 29, T6N-R6E
Lincoln County, Mississippi

We are forwarding herewith prints of the permit plat on the above captioned well location. The condition of site is fair; in thick woods. Directions to location are as follows:

From the Franklin-Lincoln County line on US Hwy. 24, go East on Hwy. 24 for 3.6 miles to Jackson-Liberty Road on right. Then go southerly on Jackson-Liberty Road for 2.1 miles to West Lincoln Road on right just north of West Lincoln School. Then go southwest on West Lincoln Road for 3.9 miles to fork left (still West Lincoln Road). Then continue southwest on West Lincoln Road for 0.7 miles to gravel road on right (V&R trail). Then go West on V&R Trail for 0.3 miles to heavy flagging on right. Then follow flagging northwesterly along old logging roads for \pm 1/4 miles to heavy flagging on left. ~~Then go South for \pm 100' to staked location.~~

ALL FLAGGING IS HOT PINK

Please advise when we may be of further service.

MALCOLM

NOTE: John Hanson and Paul Smith (dirt contractor) were present at staking of location.

lh/encl.

GROUND ELEVATION OF STAKED LOC. = 439.6, NGVD, Before Grading
FB: 1342 Page 29 to 34

279 Lower Woodville Road
Natchez, MS 39120

601.442.3628
Fax 1.601.442.9811

P.O. Box 1267
Natchez, MS 39121

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