

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 #: L-87
L. S. Elevation: _____
E-log #: _____

County: Lumpkin
Permit #: _____
Driller: E.M. Bud CRESSWELL
Date drilling completed: 12-15-06

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>Phillips Energy Inc.</u>	Latitude: <u>32° 92' 00"</u> Longitude: <u>90° 31' 00"</u>
Mailing Address: <u>601 WEST MAINE AVE.</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>SPokane, WA. 99201</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>15</u> Twn <u>13-N</u> Rng <u>3-W</u>
Telephone No. <u>(601) 441-8002</u>	Distance Direction Nearest Town <u>5</u> Miles <u>EAST</u> of <u>LOUISE</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: water supply for oil rig no pump set

Date well drilling started: 12-15-06 Date well drilling completed: 12-15-06

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

Static Water Level: 18 feet above or below (circle one) land surface Date measured: 12-15-06

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

Hole depth: 95 Well depth: 85 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 45 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 0/16 inches Setting depth: From 45 feet to 85 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: X 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.

ERNEST M. CRESSWELL 0-150 Ernest M. Cresswell
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
<i>Sumko</i>	<i>0</i>	<i>16</i>
<i>sand-gravel</i>	<i>16</i>	<i>83</i>
<i>Clay</i>	<i>83</i>	<i>93</i>

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) indicate direction.

Landowner Name: Phillips Energy, Inc.

Ernest M. Cromwell

Signature of Water Well Contractor

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