

STATE WELL REPORT

Part I

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 #: 570
Aquifer:
E-Log #:

County: Wilkinson
Permit #:
Driller: Gary Rayborn
Date drilling completed: 9-7-14

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)
Owner Name: Halcon Resources
Mailing Address: Suite 6700, 1000 Louisiana St., Houston TX 77002
Telephone No. (830) 202-0047
Well or Borehole Location
Latitude: 31° 04' 04" Longitude: 91° 12' 12"
Method of Lat/Long (check one): Conventional Survey
USGS quad, Hand-held GPS, Survey-grade GPS
IR 1/4 IR 1/4, Sec 13 T 1N R 1W
2 Miles N of Newtonia
(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: 9-6-14 Date drilling completed: 9-7-14 Hole depth: 145' Hole diameter: 4"
Location of the source of any surface water used for drilling:
Method of dosing and volume of Chlorine used in drilling and development:
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): RIG SUPPLY
If a flowing well, method of flow regulation: Valve Other (describe)
Static Water Level: 90 feet [above or below land surface] Date measured: 9-7-14
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe)
Well depth: 145' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 125 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 125 feet to 145 feet
Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development
Other (describe):
Top of lap pipe or reduction in casing: feet
If telescoped or more than one screen, describe on next page

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 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)

County: Wilkinson
 Permit #: _____
 Driller: Gary Rayborn
 Date completed: 9-7-14
Copy information from block on Part 1

For Office Use Only:

Well #: 570
 Aquifer: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Halcon Resources</u>	Latitude: <u>31° 04' 04"</u> Longitude: <u>91° 12' 12"</u>
Mailing Address: <u>Suite 6700</u> <u>1000 Louisiana St.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Houston TX</u> <u>77002</u>	<u>1R 1/4 1R 1/4, Sec 13 T1N R1W</u>
City State Zip Code	<u>2</u> Miles <u>N</u> of <u>Newtonia</u>
Telephone No. <u>(830) 202-0047</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 9-8-14 Rated Pump Capacity: 60 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 5 Setting Depth: 126 feet Number of Stages: 13

Pump Test Data for Non Flowing Well

Date Well Tested: 9-8-14 Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 90 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 60 Gallons Per Minute

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

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: _____ Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter installed by: _____

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

RAYBORN DRILLING, INC.

Print Name of Pump Installer and License No. (if applicable) 0-60 Date 9/9/14 Signature of Pump Installer