

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name LYDA-WEBS Test No. 1 Date 9/9/92  
Company ARGENT ENERGY, INC. Zone CHEROKEE  
Address 110 S MAIN #550 WICHITA KS 67202 Elevation 2171  
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #\* Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 10 Twp. 19S Rge. 20W Co. RUSH State KS

Interval Tested 4154-4190  
Anchor Length 36  
Top Packer Depth 4149  
Bottom Packer Depth 4154  
Total Depth 4190

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 9.2 lb/Gal.  
Viscosity 57 Filtrate 11.2

Tool Open @ 3:20 PM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 50 SECONDS

Final Blow NONE TAKEN

Recovery - Total Feet 745 Flush Tool? NO

Rec. 745 Feet of GASSY WATER  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 116 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.36 @ 80 °F Chlorides 16500 ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2133.6 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 325.7 PSI @ (depth) 4158 w / Clock No. 30401

(C) First Final Flow Pressure 371.2 PSI AK1 Recorder No. 24174 Range 3025

(D) Initial Shut-in Pressure \_\_\_\_\_ PSI @ (depth) 4189 w / Clock No. 27573

(E) Second Initial Flow Pressure \_\_\_\_\_ PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

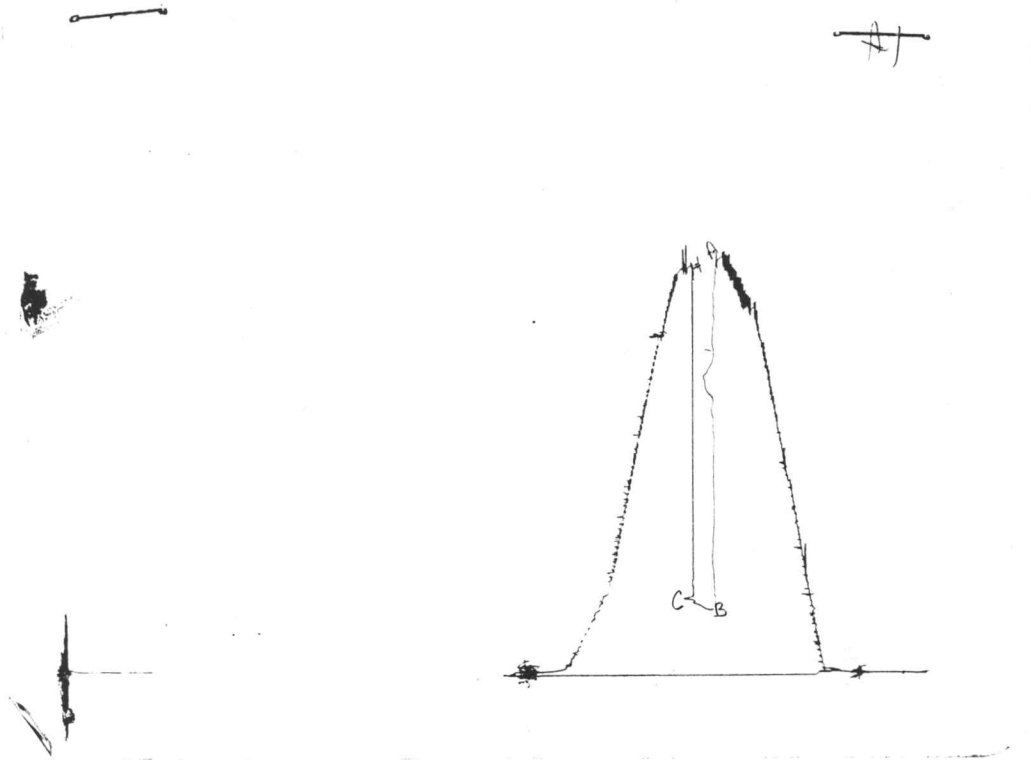
(F) Second Final Flow Pressure \_\_\_\_\_ PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure \_\_\_\_\_ PSI Initial Opening 15 Final Flow \_\_\_\_\_

(H) Final Hydrostatic Mud 2051.7 PSI Initial Shut-in \_\_\_\_\_ Final Shut-in \_\_\_\_\_

Our Representative PAUL SIMPSON

# CHART PAGE



This is an actual photograph of recorder chart

|                                  | FIELD<br>READING | OFFICE<br>READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD      | 2128             | 2133.6            |
| (B) FIRST INITIAL FLOW PRESSURE  | 323              | 325.7             |
| (C) FIRST FINAL FLOW PRESSURE    | 369              | 371.2             |
| (D) INITIAL CLOSED-IN PRESSURE   |                  |                   |
| (E) SECOND INITIAL FLOW PRESSURE |                  |                   |
| (F) SECOND FINAL FLOW PRESSURE   |                  |                   |
| (G) FINAL CLOSED-IN PRESSURE     |                  |                   |
| (H) FINAL HYDROSTATIC MUD        | 2050             | 2051.7            |

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

N2 5214

|                                                      |                             |                                                                      |
|------------------------------------------------------|-----------------------------|----------------------------------------------------------------------|
| Well Name & No. <u>Lyder-Webs</u>                    | Test No. <u>1</u>           | Date <u>9-9-92</u>                                                   |
| Company <u>Argent Energy</u>                         | Zone Tested <u>Cherokee</u> |                                                                      |
| Address <u>110 S Main Suite 510 Wichita KS 67202</u> | Elevation <u>2171 KB</u>    |                                                                      |
| Co. Rep./Geo. <u>Scott Osterden</u>                  | Cont. <u>Murfin #8</u>      | Est. Ft. of Pay _____                                                |
| Location: Sec. <u>10</u>                             | Twp. <u>19s</u>             | Rge. <u>20w</u> co. <u>Rush</u> state <u>KS</u>                      |
| No. of Copies <u>5</u>                               | Distribution Sheet _____    | Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____ |

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Interval Tested <u>4154 - 4190</u> | Drill Pipe Size <u>4 1/2 XH</u>                         |
| Anchor Length <u>36</u>            | Top Choke — 1" _____ Bottom Choke — 3/4" _____          |
| Top Packer Depth <u>4149</u>       | Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____     |
| Bottom Packer Depth <u>4154</u>    | Wt. Pipe I.D. — 2.7 Ft. Run _____                       |
| Total Depth <u>4190</u>            | Drill Collar — 2.25 Ft. Run _____                       |
| Mud Wt. <u>9.2</u> lb/gal.         | Viscosity <u>57</u> Filtrate <u>11.2</u>                |
| Tool Open @ <u>3:20 PM</u>         | Initial Blow <u>strong blow bottom bucket in 50 sec</u> |
| Final Blow <u>none taken</u>       |                                                         |

|                                           |                                                   |                   |
|-------------------------------------------|---------------------------------------------------|-------------------|
| Recovery — Total Feet <u>745</u>          | Feet of Gas in Pipe _____                         | Flush Tool? _____ |
| Rec. <u>745</u> Feet Of <u>gas, water</u> | % gas _____ % oil _____ % water _____ % mud _____ |                   |
| Rec. _____ Feet Of _____                  | % gas _____ % oil _____ % water _____ % mud _____ |                   |
| Rec. _____ Feet Of _____                  | % gas _____ % oil _____ % water _____ % mud _____ |                   |
| Rec. _____ Feet Of _____                  | % gas _____ % oil _____ % water _____ % mud _____ |                   |
| Rec. _____ Feet Of _____                  | % gas _____ % oil _____ % water _____ % mud _____ |                   |

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| BHT <u>116</u> °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API                       |
| RW <u>.36</u> @ <u>80</u> °F chlorides <u>16,500</u> ppm Recovery Chlorides <u>7000</u> ppm System |
| (A) Initial Hydrostatic Mud <u>2128</u> PSI AK1 Recorder No. <u>22150</u> Range <u>3925</u>        |
| (B) First Initial Flow Pressure <u>323</u> PSI @ (depth) <u>4158</u> w/Clock No. <u>30401</u>      |
| (C) First Final Flow Pressure <u>369</u> PSI AK1 Recorder No. <u>24174</u> Range <u>3025</u>       |
| (D) Initial Shut-In Pressure _____ PSI @ (depth) <u>4189</u> w/Clock No. <u>27573</u>              |
| (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____                      |
| (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____                         |
| (G) Final Shut-In Pressure _____ PSI Initial Opening <u>15</u> Test _____                          |
| (H) Final Hydrostatic Mud <u>2050</u> PSI Initial Shut-In _____ Jars <u>X</u>                      |

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Scott A. Osterden  
 Our Representative Paul Simpson

Final Flow \_\_\_\_\_ Safety Joint X  
 Final Shut-In \_\_\_\_\_ Straddle \_\_\_\_\_  
 Circ. Sub \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ \_\_\_\_\_