

DRILL-STEM TEST DATA

Well Name <u>Bronlow</u>	Test No. <u>1</u>
Well Number <u>1</u>	Zone Tested <u>Chern</u>
Company <u>Bto. Dombaughe Martin</u>	Date <u>4-29-84</u>
Comp. Rep. <u>R Dombaughe</u>	Tester <u>Don Fabricius</u>
Contractor <u>Kaw Dnlg</u>	Ticket No. <u>2152</u>
Location <u>6-19-20</u>	Elevation

Recorder No. <u>3088</u>	Clock Range <u>12</u>	Recorder No. <u>4377</u>	Clock Range <u>12</u>
Depth <u>4231</u>		Depth <u>4235</u>	
Initial Hydro Mud Press. <u>2142</u>		Initial Hydro Mud Press. _____	
Initial Shut-in Press. <u>578</u>		Initial Shut-in Press. _____	
Initial Flow Press. <u>571-569</u>		Initial Flow Press. _____	
Final Flow Press. <u>578-578</u>		Final Flow Press. _____	
Final Shut-in Press. <u>578</u>		Final Shut-in Press. _____	
Final Hydro Mud Press. <u>2142</u>		Final Hydro Mud Press. _____	
Temperature _____		Tool Open Before I. S. I. <u>30</u>	Mins.
Mud Weight <u>9.5</u>	Viscosity <u>52</u>	Initial Shut-in <u>45</u>	Mins.
Fluid Loss <u>12</u>		Flow Period <u>30</u>	Mins.
Interval Tested <u>4212-29</u>		Final Shut-in <u>45</u>	Mins.
Top Packer Depth <u>4207</u>		Surface Choke Size <u>3 1/4"</u>	
Bottom Packer Depth <u>4212</u>		Bottom Choke Size <u>3 1/4"</u>	
Total Depth <u>4229</u>		Main Hole Size <u>7 3/8</u>	
Drill Pipe Size <u>4 1/2 x 4 1/2</u>	Wt. <u>16.60</u>	Rubber Size <u>6 3/4</u>	
Drill Collar I. D. _____	Ft. Run _____		
Recovery—Total Feet _____			
Recovered <u>1230</u>	Feet Of <u>Saltwater</u>		
Recovered _____	Feet Of _____		
Recovered _____	Feet Of _____		
Recovered _____	Feet Of _____		

Remarks

Strong blow thru test - Decreasing on
Second open

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____

Owner, Operator or his Agent

6-195-200

DRILL-STEM TEST DATA

Well Name <u>Dromelow</u>	Test No. <u>2</u>
Well Number <u>1</u>	Zone Tested <u>Chenn</u>
Company <u>Pete-Drombough & Son</u>	Date <u>4-27-84</u>
Comp. Rep. <u>R Drombough</u>	Tester <u>Don Fabricius</u>
Contractor <u>Kew Dally</u>	Ticket No. <u>29158</u>
Location <u>6-19-00</u>	Elevation <u>-</u>

Recorder No. <u>5088</u> Clock Range <u>12</u>	Recorder No. <u>4877</u> Clock Range <u>12</u>
Depth <u>4268</u>	Depth <u>4022</u>
Initial Hydro Mud Press. <u>2131</u>	Initial Hydro Mud Press. _____
Initial Shut-in Press. <u>601</u>	Initial Shut-in Press. _____
Initial Flow Press. <u>386-567</u>	Initial Flow Press. _____
Final Flow Press. <u>594-594</u>	Final Flow Press. _____
Final Shut-in Press. <u>601</u>	Final Shut-in Press. _____
Final Hydro Mud Press. <u>2131</u>	Final Hydro Mud Press. _____
Temperature _____	Tool Open Before I. S. I. <u>50</u> Mins.
Mud Weight <u>9.7</u> Viscosity <u>54</u>	Initial Shut-in <u>45</u> Mins.
Fluid Loss <u>16.8</u>	Flow Period <u>30</u> Mins.
Interval Tested <u>4040-26</u>	Final Shut-in <u>45</u> Mins.
Top Packer Depth <u>4005</u>	Surface Choke Size <u>1"</u>
Bottom Packer Depth <u>4040</u>	Bottom Choke Size <u>3"</u>
Total Depth <u>4076</u>	Main Hole Size <u>7 7/8</u>
Drill Pipe Size <u>4 1/2 x 4</u> Wt. <u>1660</u>	Rubber Size <u>6 1/2</u>
Drill Collar I. D. _____ Ft. Run _____	
Recovery—Total Feet <u>1280</u>	
Recovered <u>1280</u> Feet Of <u>Salt water</u>	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Remarks <u>Strong blow decreasing thru test</u>	

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner, Operator or his Agent

DRILL-STEM TEST DATA

Well Name <u>Bromlow</u>	Test No. <u>3</u>
Well Number <u>1</u>	Zone Tested <u>MISS</u>
Company <u>Pete-Dombrowsky & Martin</u>	Date <u>1-20-81</u>
Comp. Rep. <u>R. Dombrowsky</u>	Tester <u>Don Fabricius</u>
Contractor <u>Russ Rulph</u>	Ticket No. <u>0154</u>
Location <u>16-19-20</u>	Elevation <u>-</u>

Recorder No. <u>8088</u> Clock Range <u>10</u>	Recorder No. <u>1577</u> Clock Range <u>12</u>
Depth <u>1302</u>	Depth <u>1306</u>
Initial Hydro Mud Press. <u>2131</u>	Initial Hydro Mud Press. _____
Initial Shut-in Press. <u>1274</u>	Initial Shut-in Press. _____
Initial Flow Press. <u>102-2315</u>	Initial Flow Press. _____
Final Flow Press. <u>575-646</u>	Final Flow Press. _____
Final Shut-in Press. <u>1274</u>	Final Shut-in Press. _____
Final Hydro Mud Press. <u>2154</u>	Final Hydro Mud Press. _____
Temperature _____	Tool Open Before I. S. I. <u>30</u> Mins.
Mud Weight <u>9.7</u> Viscosity <u>54</u>	Initial Shut-in <u>45</u> Mins.
Fluid Loss <u>16</u>	Flow Period <u>45</u> Mins.
Interval Tested <u>1301-10</u>	Final Shut-in <u>60</u> Mins.
Top Packer Depth <u>4296</u>	Surface Choke Size <u>1"</u>
Bottom Packer Depth <u>1301</u>	Bottom Choke Size <u>3 1/4"</u>
Total Depth <u>4310</u>	Main Hole Size <u>7 1/8</u>
Drill Pipe Size <u>4 1/2 x 7</u> Wt. <u>1160</u>	Rubber Size <u>6 3/4</u>
Drill Collar I. D. _____ Ft. Run _____	
Recovery—Total Feet <u>1380</u>	
Recovered <u>1380</u> Feet Of <u>Saltwater</u>	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Remarks <u>Strong blow thru-test</u>	

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner, Operator or his Agent