

DRILL STEM TEST REPORT

Prepared For: **Blueridge Petroleum**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

10 19 26W Ness KS

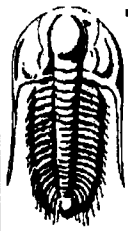
Typhoon 1-10

Start Date: 2007.05.24 @ 07:06:06

End Date: 2007.05.24 @ 13:59:00

Job Ticket #: 28034 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Typhoon 1-10

10 19 26W Ness KS

Job Ticket: 28034

DST#: 1

Test Start: 2007.05.24 @ 07:06:06

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 09:35:46

Time Test Ended: 13:59:00

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4521.00 ft (KB) To 4564.00 ft (KB) (TVD)**

Total Depth: 4564.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2607.00 ft (KB)

2599.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771

Inside

Press@RunDepth: 24.16 psig @ 4524.01 ft (KB)

Start Date: 2007.05.24

End Date:

2007.05.24

Start Time: 07:06:06

End Time:

13:59:00

Capacity: 7000.00 psig

Last Calib.: 2007.05.24

Time On Btm: 2007.05.24 @ 09:35:31

Time Off Btm: 2007.05.24 @ 11:51:45

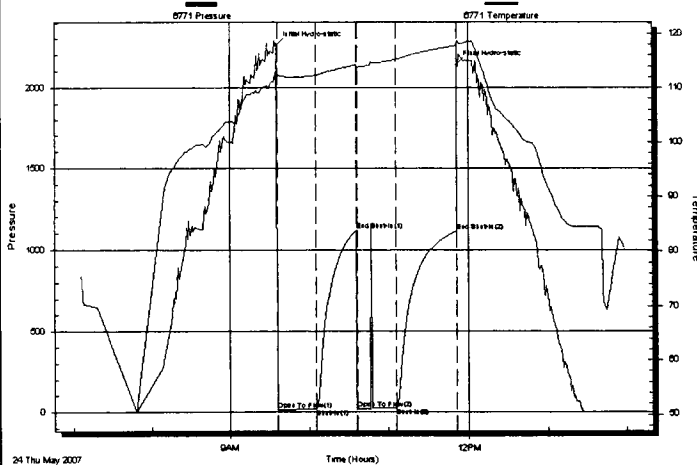
TEST COMMENT: IFP 1/4 " blow died 26 min.

ISI No blow back

FFP No blow - flush tool - no blow

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.38	112.96	Initial Hydro-static
1	13.00	112.30	Open To Flow (1)
30	18.05	112.34	Shut-In (1)
61	1117.21	114.26	End Shut-In (1)
61	19.72	113.89	Open To Flow (2)
91	24.16	115.22	Shut-In (2)
136	1116.57	117.80	End Shut-In (2)
137	2141.06	118.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud w/ O spts	0.15

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge Petroleum

Typhoon 1-10

PO Box 1913
Enid OK 73702

10 19 26W Ness KS

ATTN: Jim Musgrove

Job Ticket: 28034

DST#: 1

Test Start: 2007.05.24 @ 07:06:06

Tool Information

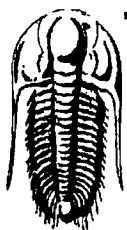
Drill Pipe:	Length: 4476.00 ft	Diameter: 3.80 inches	Volume: 62.79 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 62.94 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4521.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.02 ft			
Tool Length:	63.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4506.00	
Hydraulic tool	5.00			4511.00	
Packer	5.00			4516.00	20.00 Bottom Of Top Packer
Packer	5.00			4521.00	
Stubb	1.00			4522.00	
Perforations	1.00			4523.00	
Change Over Sub	1.00			4524.00	
Recorder	0.01	6771	Inside	4524.01	
Blank Spacing	32.00			4556.01	
Change Over Sub	1.00			4557.01	
Perforations	4.00			4561.01	
Recorder	0.01	13548	Outside	4561.02	
Bullnose	3.00			4564.02	43.02 Bottom Packers & Anchor

Total Tool Length: 63.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blueridge Petroleum

Typhoon 1-10

PO Box 1913
Enid OK 73702

10 19 26W Ness KS

Job Ticket: 28034

DST#: 1

ATTN: Jim Musgrove

Test Start: 2007.05.24 @ 07:06:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud w / O spts	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

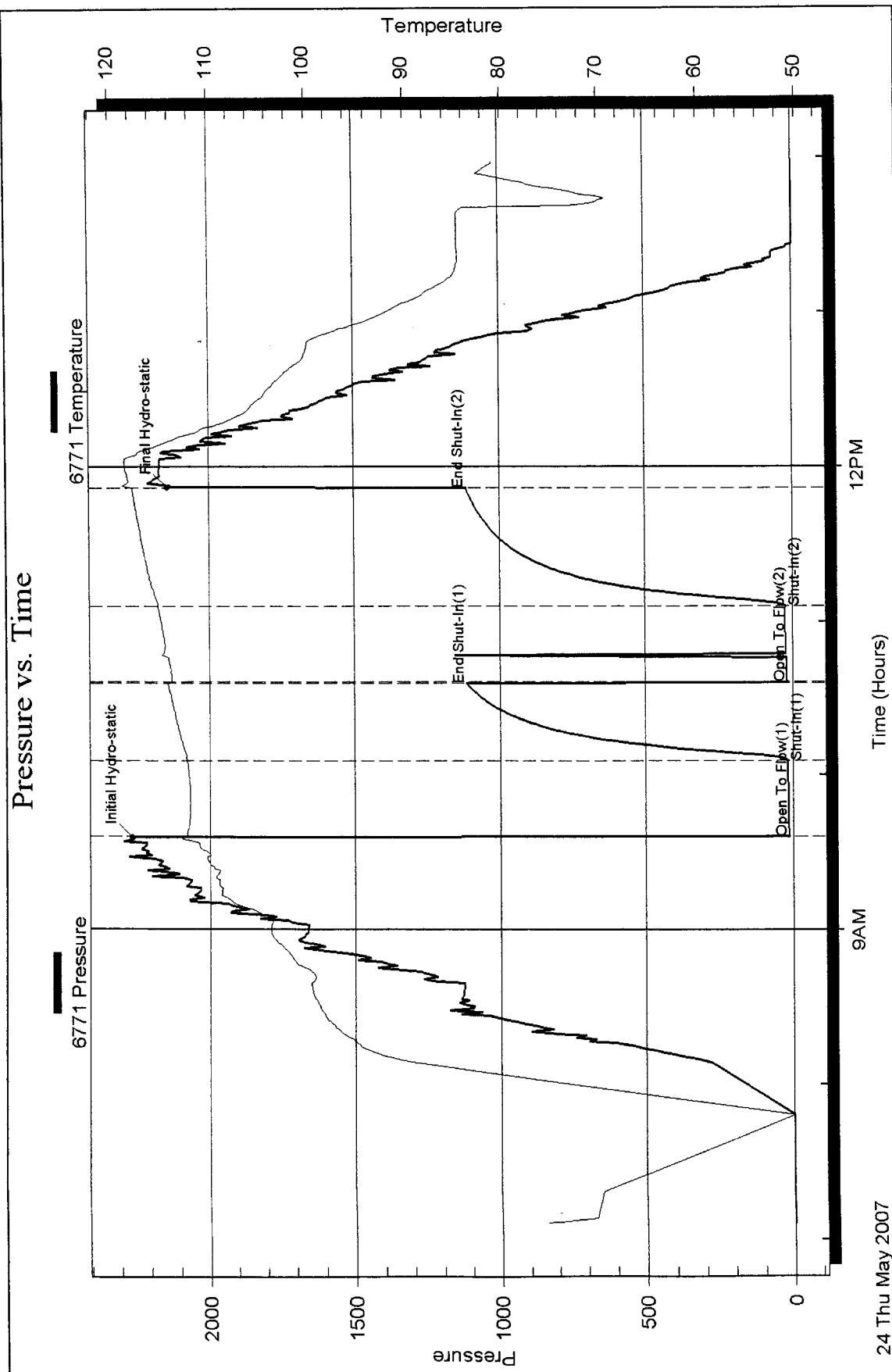
Serial #:

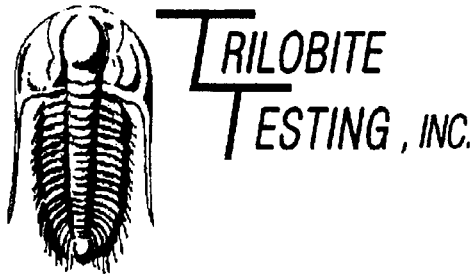
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blueridge Petroleum**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

10 19 26W Ness KS

Typhoon 1-10

Start Date: 2007.05.24 @ 19:59:39

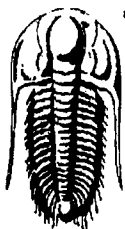
End Date: 2007.05.25 @ 03:07:33

Job Ticket #: 28035 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blueridge Petroleum

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Typhoon 1-10

10 19 26W Ness KS

Job Ticket: 28035

DST#: 2

Test Start: 2007.05.24 @ 19:59:39

GENERAL INFORMATION:

Formation: **Mississippian (2)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:06:34

Time Test Ended: 03:07:33

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4521.00 ft (KB) To 4570.00 ft (KB) (TVD)**

Total Depth: 4570.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2607.00 ft (KB)

2599.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771 Inside

Press@RunDepth: 47.04 psig @ 4530.01 ft (KB)

Start Date: 2007.05.24

End Date:

2007.05.25

Start Time: 19:59:39

End Time:

03:07:33

Capacity: 7000.00 psig

Last Calib.: 2007.05.25

Time On Btm: 2007.05.24 @ 22:06:04

Time Off Btm: 2007.05.25 @ 01:06:18

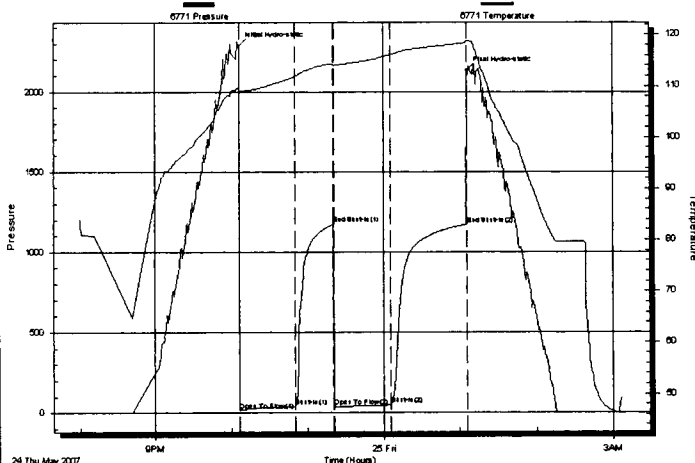
TEST COMMENT: IFP Weak blow throughout sur - 2 "

ISI No blow back

FFP No blow 8 min.-1/4 "

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

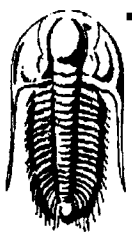
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.47	109.49	Initial Hydro-static
1	15.90	108.90	Open To Flow (1)
45	35.65	111.83	Shut-In (1)
75	1170.41	114.29	End Shut-In (1)
75	37.30	113.90	Open To Flow (2)
120	47.04	116.03	Shut-In (2)
180	1169.49	118.33	End Shut-In (2)
181	2129.35	118.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud	0.64
10.00	Free Oil 10%G 87%O 3%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge Petroleum

Typhoon 1-10

PO Box 1913
Enid OK 73702

10 19 26W Ness KS

Job Ticket: 28035

DST#: 2

ATTN: Jim Musgrove

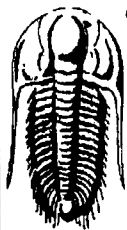
Test Start: 2007.05.24 @ 19:59:39

Tool Information

Drill Pipe:	Length: 4503.00 ft	Diameter: 3.80 inches	Volume: 63.17 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 63.32 bbl		Tool Chased 1.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4521.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.02 ft			
Tool Length:	69.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4506.00	
Hydraulic tool	5.00			4511.00	
Packer	5.00			4516.00	20.00 Bottom Of Top Packer
Packer	5.00			4521.00	
Stubb	1.00			4522.00	
Perforations	7.00			4529.00	
Change Over Sub	1.00			4530.00	
Recorder	0.01	6771	Inside	4530.01	
Blank Spacing	32.00			4562.01	
Change Over Sub	1.00			4563.01	
Perforations	4.00			4567.01	
Recorder	0.01	13548	Outside	4567.02	
Bullnose	3.00			4570.02	49.02 Bottom Packers & Anchor

Total Tool Length: 69.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blueridge Petroleum

Typhoon 1-10

PO Box 1913
Enid OK 73702

10 19 26W Ness KS

Job Ticket: 28035

DST#: 2

ATTN: Jim Musgrove

Test Start: 2007.05.24 @ 19:59:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud	0.638
10.00	Free Oil 10%G 87%O 3%M	0.140

Total Length: 75.00 ft

Total Volume: 0.778 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

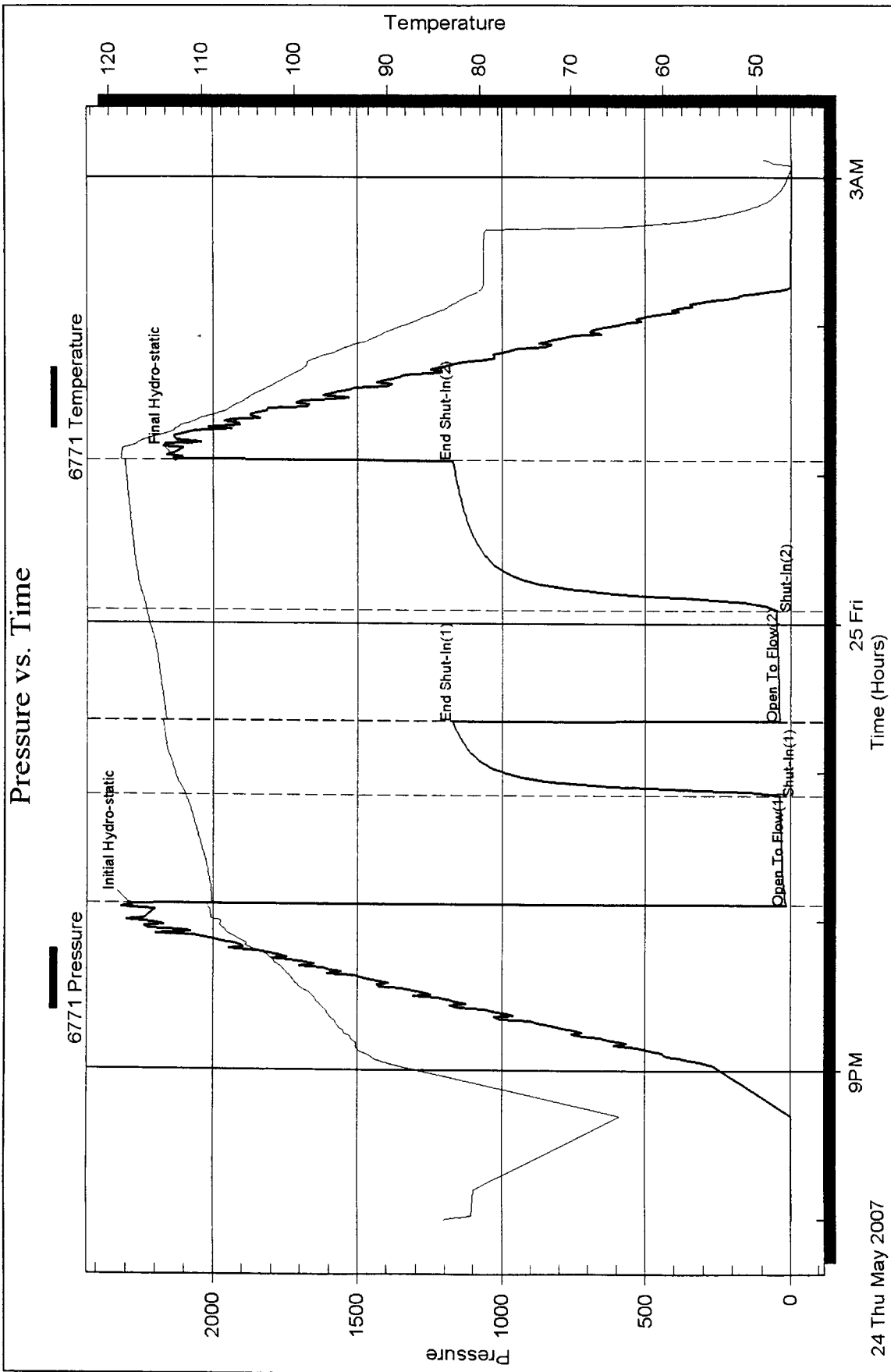
Serial #:

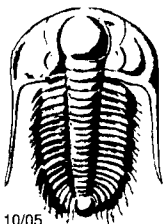
Laboratory Name:

Laboratory Location:

Recovery Comments: 30' GIP

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28034

10204

Test Ticket

Well Name & No. <u>Typhoon 1-10</u>	Test No. <u>1</u>	Date <u>5-24-07</u>
Company <u>Blueridge</u>	Zone Tested <u>Mississippi</u>	
Address <u>PO Box 1913 Enid, Ok 73702</u>	Elevation <u>2607</u>	KB <u>2599</u> GL
Co. Rep / Geo. <u>Jim Musgrave</u>	Rig <u>Disco 3</u>	
Location: Sec. <u>10</u> Twp. <u>19^s</u> Rge. <u>26^w</u>	Co. <u>Ness</u>	State <u>K</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4521 - 4564</u>	Initial Str Wt./Lbs. <u>46,000</u>	Unseated Str Wt./Lbs. <u>46,000</u>
Anchor Length <u>43</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>4516</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>4521</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>4564</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.2</u> LCM <u>-</u> Vis. <u>49</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4476</u>
Blow Description <u>IFP - 1/4" blow died 26 min</u>		
<u>ISI - no blow back</u>		
<u>FFP - no blow - flush tool - no blow</u>		
<u>FST - no blow back</u>		

Recovery - Total Feet <u>30</u>	GIP <u>-</u>	Ft. in DC <u>30</u>	Ft. in DP <u>-</u>
Rec. <u>30</u>	Feet of <u>mud w/ 0 spts</u>	%gas <u>spts</u>	%oil <u>-</u>
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>114</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____ @ _____	*F _____	Chlorides _____ ppm Recovery _____	Chlorides <u>3600</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2260</u> PSI	Alpine	Recorder No. <u>6771</u>	Test <u>✓</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>13</u> PSI		(depth) <u>4524</u>	Jars	
(C) First Final Flow Pressure	<u>18</u> PSI		Recorder No. <u>13548</u>	Safety Jt.	
(D) Initial Shut-In Pressure	<u>1117</u> PSI		(depth) <u>4561</u>	Circ Sub	
(E) Second Initial Flow Pressure	<u>20</u> PSI		Recorder No. _____	Sampler	
(F) Second Final Flow Pressure	<u>24</u> PSI		(depth) _____	Straddle	
(G) Final Shut-In Pressure	<u>1117</u> PSI	Initial Opening <u>30</u>		Ext. Packer	
(Q) Final Hydrostatic Mud	<u>2169</u> PSI	Initial Shut-In <u>30</u>		Shale Packer	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED 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.

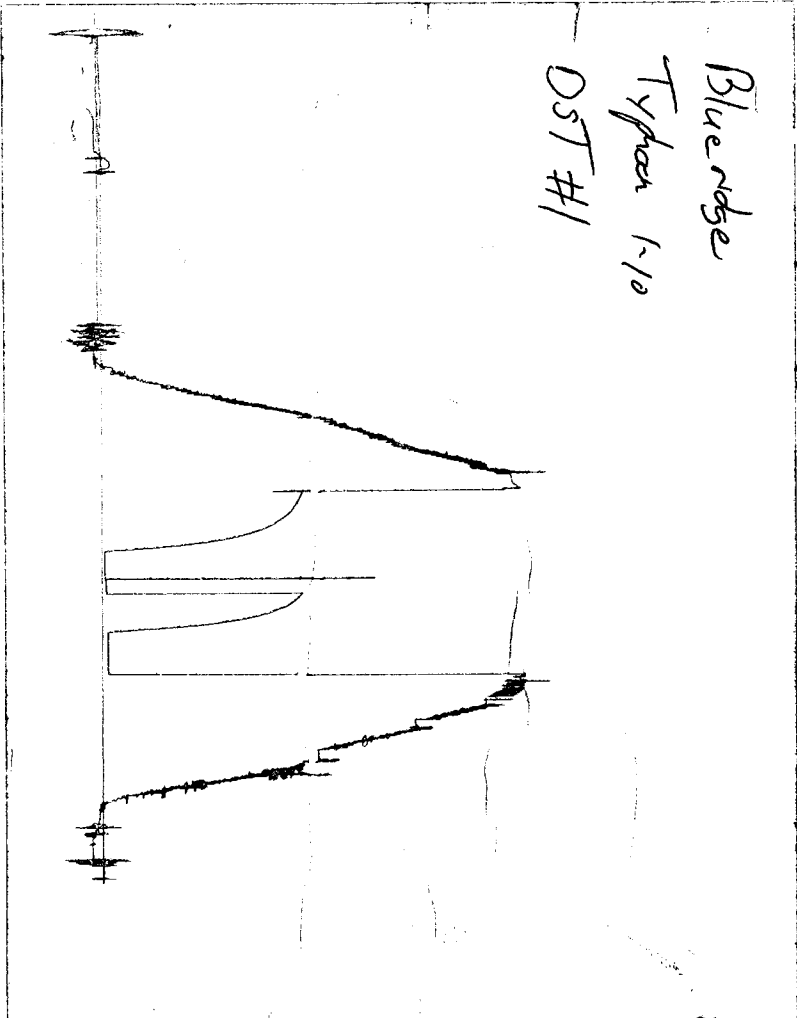
Approved By _____
Our Representative Brian Fairbank (Thub)

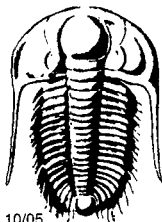
Final Flow <u>30</u>	T-Started <u>0706</u>	Std. By _____
Final Shut-In <u>45</u>	T-Open <u>0936</u>	Acc. Chg: <u>\$1428.75</u>
T-On Location <u>0538</u>	T-Pulled <u>1151</u>	Other: _____
	T-Out <u>1400</u>	Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Blue ridge
Typha 1-10
DST #1





10/05

**TRILOBITE
TESTING INC.**

P.O. Box 362 • Hays, Kansas 67601

28035

Test Ticket

Well Name & No. <u>Ex/Typhoon 1-10</u>	Test No. <u>2</u>	Date <u>5-24-07</u>
Company <u>Blue Ridge</u>	Zone Tested <u>Mississippi (2)</u>	
Address <u>PO Box 1913 Enid OK 73702</u>	Elevation <u>2607</u>	KB <u>2599</u> GL
Co. Rep / Geo. <u>Jim Murgave</u>	Rig <u>Disc 3</u>	
Location: Sec. <u>10</u> Twp. <u>19^s</u> Rge. <u>26^w</u>	Co. <u>Ness</u>	State <u>K</u>
Comment: <u>Slid 1' to bottom</u>	Release date / time: <u>5-25-07 1041</u>	

Interval Tested <u>4521-4570</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>45,000</u>
Anchor Length <u>49</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>4516</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>4521</u>	Hole Size 7 7/8" <u>—</u>	Rubber Size 6 3/4" <u>—</u>
Total Depth <u>4570</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.3</u> LCM <u>—</u> Vis. <u>54</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4503</u>
Blow Description <u>IFP - weak blow throughout sur - 2</u>		
<u>IST - no blow back</u>		
<u>FFP - no blow 8 min - 1/4"</u>		
<u>FSI - no blow back</u>		

Recovery - Total Feet <u>75</u>	GIP <u>30</u>	Ft. in DC <u>30</u>	Ft. in DP <u>45</u>
Rec. <u>10</u>	Feet of <u>Free oil</u>	10 %gas <u>87</u> %oil	%water <u>3</u> %mud
Rec. <u>65</u>	Feet of <u>mud</u>	%gas	%oil
Rec. <u>—</u>	Feet of <u>—</u>	%gas	%oil
Rec. <u>—</u>	Feet of <u>—</u>	%gas	%oil
Rec. <u>—</u>	Feet of <u>—</u>	%gas	%oil
BHT <u>—</u>	*F Gravity <u>35</u>	*API D @ <u>40</u>	*F Corrected Gravity <u>37</u> *API
RW <u>—</u> @ <u>—</u>	*F Chlorides <u>—</u> ppm Recovery	Chlorides <u>4100</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>2215</u> PSI	Alpine	Recorder No. <u>6771</u>	Test <u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>16</u> PSI		(depth) <u>4530</u>	Jars <u>—</u>
(C) First Final Flow Pressure	<u>36</u> PSI		Recorder No. <u>13548</u>	Safety Jt. <u>—</u>
(D) Initial Shut-In Pressure	<u>1170</u> PSI		(depth) <u>4567</u>	Circ Sub <u>—</u>
(E) Second Initial Flow Pressure	<u>37</u> PSI		Recorder No. <u>—</u>	Sampler <u>—</u>
(F) Second Final Flow Pressure	<u>47</u> PSI		(depth) <u>—</u>	Straddle <u>—</u>
(G) Final Shut-In Pressure	<u>1170</u> PSI	Initial Opening <u>45</u>		Ext. Packer <u>—</u>
(Q) Final Hydrostatic Mud	<u>2124</u> PSI	Initial Shut-In <u>30</u>		Shale Packer <u>—</u>

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED 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 Brian Fairbank (Thub)

Our Representative Brian Fairbank (Thub)

Final Flow	<u>45</u>	Ruined Packer <u>—</u>
Final Shut-In	<u>60</u>	Mileage <u>✓</u> <u>828.75</u>
T-On Location	<u>1832</u>	Sub Total: <u>—</u>
T-Started	<u>1959</u>	Std. By <u>—</u>
T-Open	<u>2205</u>	Acc. Chg: <u>\$1428.75</u>
T-Pulled	<u>0105</u>	Other: <u>—</u>
T-Out	<u>0307</u>	Total: <u>—</u>

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Blue Ridge
Typhoon 1-10
DST #2

