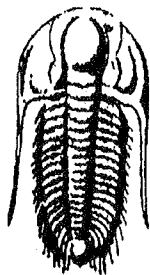


20-19s-14w

20-19s-14w
swswsw



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Grady Bolding Corp**

Box 486
Ellinwood KS 67526

ATTN: Grady Bolding

20 19 14 Barton KS

Leroy B # 1

Start Date: 2006.05.20 @ 20:00:13

End Date: 2006.05.21 @ 00:25:13

Job Ticket #: 23072 DST #: 1

15-009-24935-00-00

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

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WICHITA, KS

Printed: 2006.05.23 @ 11:22:31 Page 1

Grady Bolding Corp

Leroy B # 1

20 19 14 Barton KS

DST # 1

Lansing

2006.05.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23072

DST#: 1

ATTN: Grady Bolding

Test Start: 2006.05.20 @ 20:00:13

GENERAL INFORMATION:

Formation: **Lansing**

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

Time Tool Opened: 21:33:58

Time Test Ended: 00:25:13

Interval: **3218.00 ft (KB) To 3278.00 ft (KB) (TVD)**

Total Depth: **3278.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Reference Elevations: **1910.00 ft (KB)**

1905.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6741**

Inside

Press@RunDepth: **12.71 psig @ 3221.00 ft (KB)**

Start Date: **2006.05.20**

End Date:

2006.05.21

Capacity: **7000.00 psig**

Last Calib.: **2006.05.21**

Start Time: **20:00:15**

End Time:

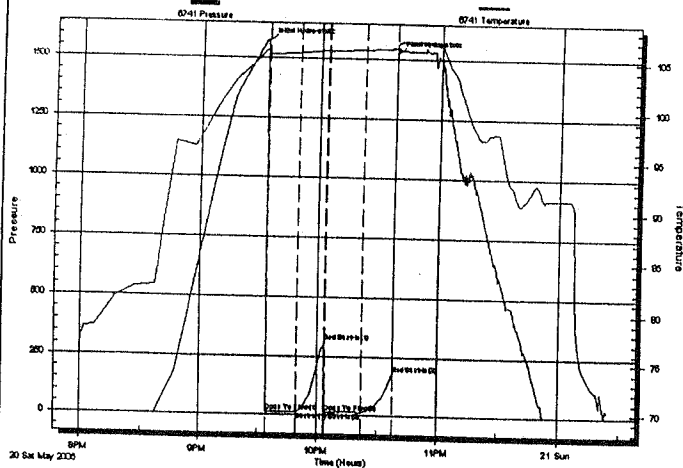
00:25:13

Time On Btm: **2006.05.20 @ 21:33:28**

Time Off Btm: **2006.05.20 @ 22:37:58**

TEST COMMENT: **IF Weak died in 6"**
FF No blow
Times 15 15 15 15

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.01	106.08	Initial Hydro-static
1	11.09	105.75	Open To Flow (1)
16	12.56	105.83	Shut-In (1)
30	315.65	106.08	End Shut-In (1)
30	12.55	105.99	Open To Flow (2)
49	12.71	106.16	Shut-In (2)
65	178.81	106.34	End Shut-In (2)
65	1523.86	106.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	DM	0.04

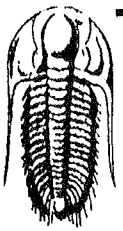
Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grady Bolding Corp

Leroy B # 1

Box 486

20 19 14 Barton KS

Ellinwood KS 67526

Job Ticket: 23072

DST#: 1

ATTN: Grady Bolding

Test Start: 2006.05.20 @ 20:00:13

Tool Information

Drill Pipe:	Length: 3215.00 ft	Diameter: 3.80 inches	Volume: 45.10 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	45.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3218.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	81.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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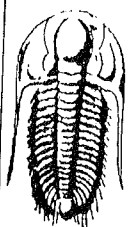
Change Over Sub	1.00			3198.00	
Shut In Tool	5.00			3203.00	
Hydraulic tool	5.00			3208.00	
Packer	5.00			3213.00	21.00 Bottom Of Top Packer
Packer	5.00			3218.00	
Stubb	1.00			3219.00	
Perforations	1.00			3220.00	
Change Over Sub	1.00			3221.00	
Recorder	0.00	6741	Inside	3221.00	
Drill Pipe	29.00			3250.00	
Change Over Sub	1.00			3251.00	
Recorder	0.00	13254	Outside	3251.00	
Perforations	24.00			3275.00	
Bullnose	3.00			3278.00	60.00 Bottom Packers & Anchor

Total Tool Length: 81.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23072

DST#: 1

ATTN: Grady Bolding

Test Start: 2006.05.20 @ 20:00:13

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 5200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	DM	0.042

Total Length: 3.00 ft

Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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CONSERVATION DIVISION
WICHITA, KS

Serial #: 6741

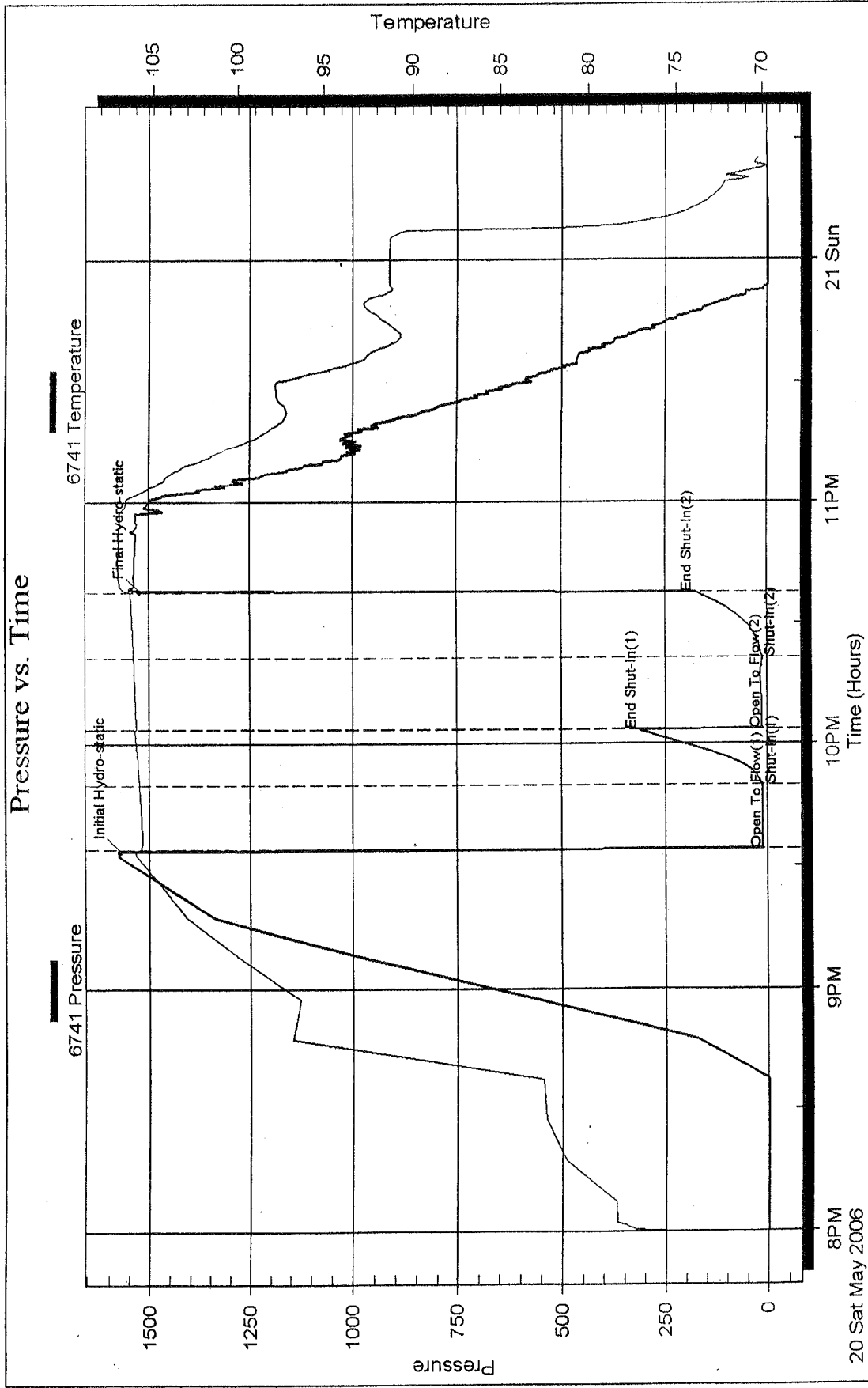
Inside

Grady Bolding Corp

20 19 14 Barton KS

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

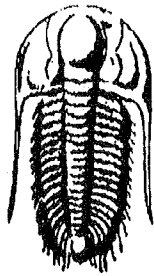
Ref. No: 23072

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Printed: 2006.05.23 @ 11:22:33 Page 5

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Grady Bolding Corp**

Box 486
Ellinwood KS 67526

ATTN: Grady Bolding

20 19 14 Barton KS

Leroy B # 1

Start Date: 2006.05.22 @ 02:45:23

End Date: 2006.05.22 @ 08:49:38

Job Ticket #: 23073 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23073

DST #: 2

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 02:45:23

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:59:38

Time Test Ended: 08:49:38

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3450.00 ft (KB) To 3540.00 ft (KB) (TVD)

Total Depth: 3540.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1910.00 ft (KB)

1905.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 19.48 psig @ 3453.00 ft (KB)

Start Date: 2006.05.22

End Date: 2006.05.22

Start Time: 02:45:25

End Time: 08:49:38

Capacity: 7000.00 psig

Last Calib.: 2006.05.22

Time On Btm: 2006.05.22 @ 04:59:23

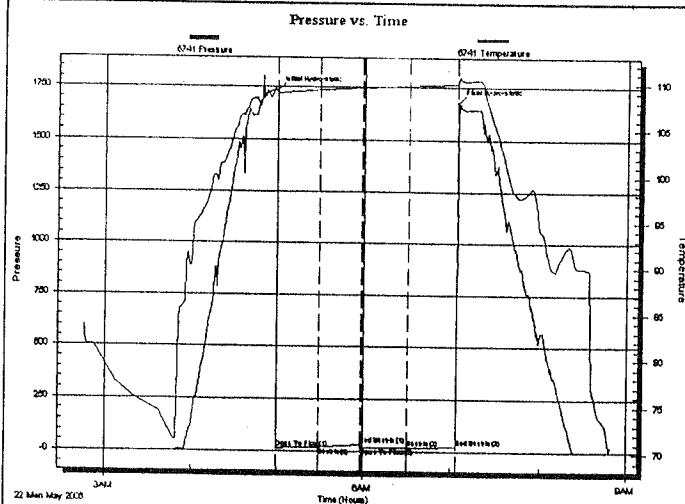
Time Off Btm: 2006.05.22 @ 07:04:08

TEST COMMENT: F Weak steady surf blow

FF No blow

Times 30 30 30 30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1730.94	109.38	Initial Hydro-static
1	14.70	109.00	Open To Flow (1)
30	18.91	109.28	Shut-In(1)
59	32.88	109.55	End Shut-In(1)
60	17.27	109.55	Open To Flow (2)
91	19.48	109.76	Shut-In(2)
125	24.39	109.96	End Shut-In(2)
125	1675.17	110.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.14

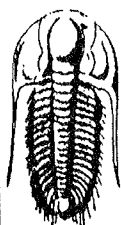
Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23073

DST#: 2

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 02:45:23

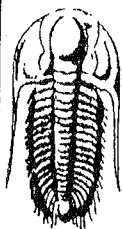
Tool Information

Drill Pipe:	Length: 3431.00 ft	Diameter: 3.80 inches	Volume: 48.13 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume:	48.13 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3450.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	111.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3430.00	
Shut In Tool	5.00			3435.00	
Hydraulic tool	5.00			3440.00	
Packer	5.00			3445.00	21.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Perforations	1.00			3452.00	
Change Over Sub	1.00			3453.00	
Recorder	0.00	6741	Inside	3453.00	
Drill Pipe	63.00			3516.00	
Change Over Sub	1.00			3517.00	
Recorder	0.00	13254	Outside	3517.00	
Perforations	20.00			3537.00	
Bullnose	3.00			3540.00	90.00 Bottom Packers & Anchor

Total Tool Length: 111.00

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Grady Bolding Corp

Leroy B # 1

Box 486

20 19 14 Barton KS

Ellinwood KS 67526

Job Ticket: 23073

DST#: 2

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 02:45:23

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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CONSERVATION DIVISION
WICHITA, KS

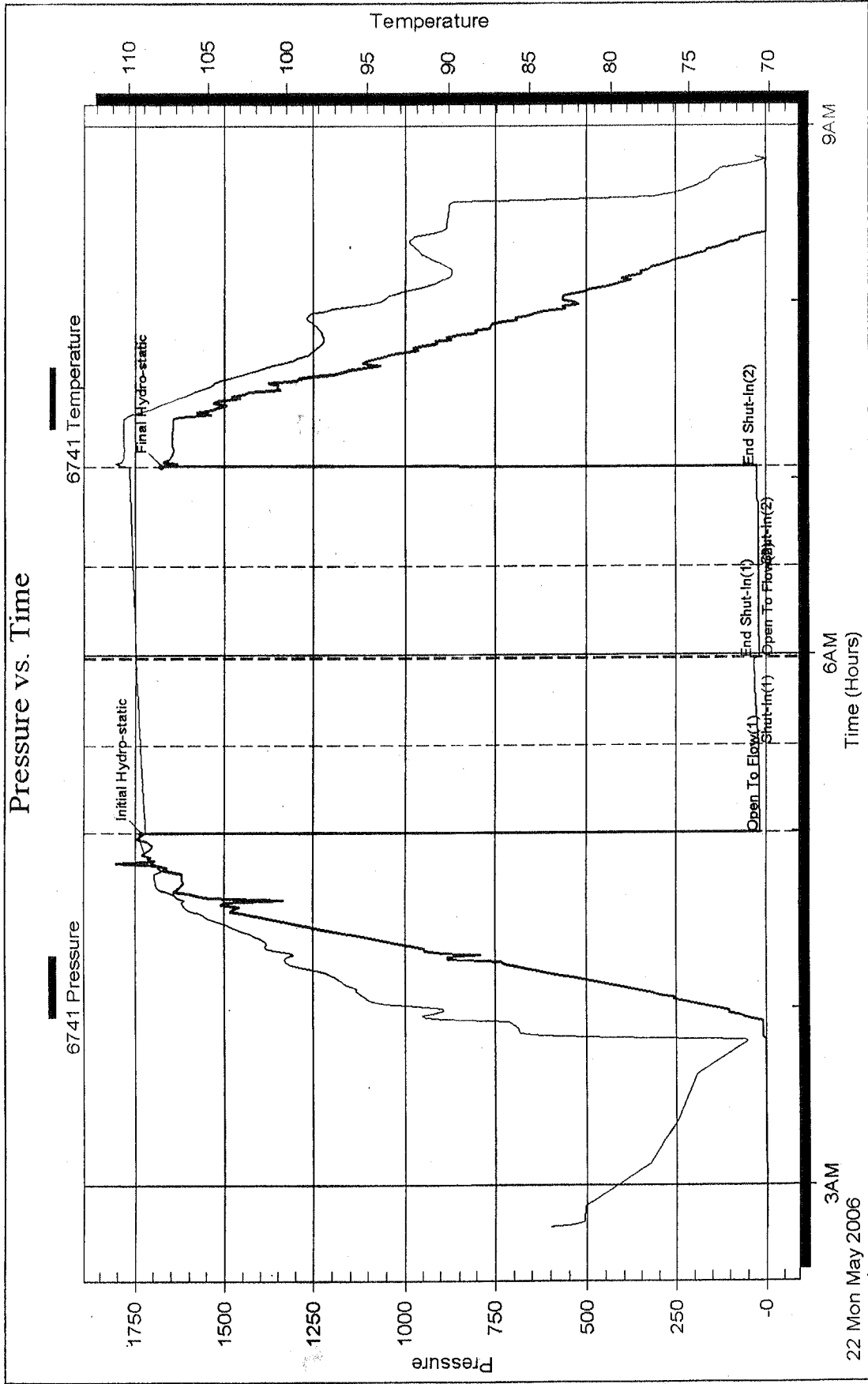
Serial #: 6741

Inside

Grady Bolding Corp

20 19 14 Barton KS

DST Test Number: 2



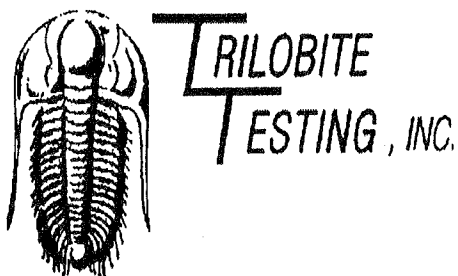
Trilobite Testing, Inc

Ref. No: 23073

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CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Grady Bolding Corp**

Box 486
Ellinwood KS 67526

ATTN: Grady Bolding

20 19 14 Barton KS

Leroy B # 1

Start Date: 2006.05.22 @ 15:45:51

End Date: 2006.05.22 @ 22:26:51

Job Ticket #: 23074

DST #: 3

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WICHITA, KS

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

Grady Bolding Corp

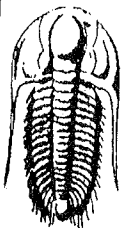
Leroy B # 1

20 19 14 Barton KS

DST # 3

Arbuckle

2006.05.22



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23074

DST#: 3

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 15:45:51

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 17:18:51

Time Test Ended: 22:26:51

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3450.00 ft (KB) To 3551.00 ft (KB) (TVD)**

Total Depth: **3551.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1910.00 ft (KB)**

1905.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6741**

Inside

Press@RunDepth: **148.67 psig @ 3453.00 ft (KB)**

Start Date: **2006.05.22** End Date: **2006.05.22**

Start Time: **15:45:53** End Time: **22:26:51**

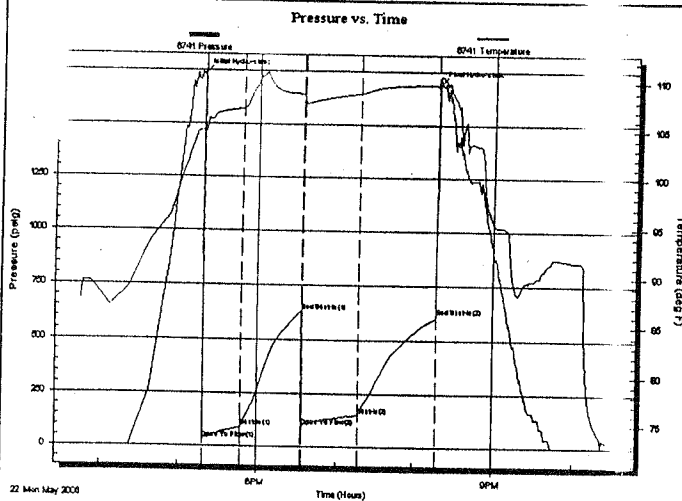
Capacity: **7000.00 psig**

Last Calib.: **2006.05.22**

Time On Btm: **2006.05.22 @ 17:18:36**

Time Off Btm: **2006.05.22 @ 20:17:51**

TEST COMMENT: IF Strong B B in 5"
ISI Weak steady blow back
FF Strong B B in 1"
FSI Weak building to 3 in died in 15"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.82	105.00	Initial Hydro-static
1	33.48	104.57	Open To Flow (1)
30	88.55	107.23	Shut-In (1)
75	630.65	108.81	End Shut-In (1)
76	95.63	108.37	Open To Flow (2)
119	148.67	108.79	Shut-In (2)
179	611.57	109.68	End Shut-In (2)
180	1695.31	110.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCGM 20%G 30%O 50%M	0.84
120.00	M Frothy O 20%G 30%O 50%M	1.68
60.00	OCGM 20%G 20%O 60%M	0.84
60.00	SII OCGM 20%G 5%O 75%M	0.84

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grady Bolding Corp

Leroy B # 1

Box 486
Ellinwood KS 67526

20 19 14 Barton KS

Job Ticket: 23074

DST#: 3

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 15:45:51

Tool Information

Drill Pipe:	Length: 3431.00 ft	Diameter: 3.80 inches	Volume: 48.13 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 48.13 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3450.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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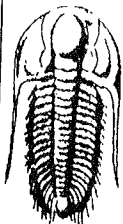
Change Over Sub	1.00			3430.00	
Shut In Tool	5.00			3435.00	
Hydraulic tool	5.00			3440.00	
Packer	5.00			3445.00	21.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Perforations	1.00			3452.00	
Change Over Sub	1.00			3453.00	
Recorder	0.00	6741	Inside	3453.00	
Drill Pipe	29.00			3482.00	
Change Over Sub	1.00			3483.00	
Recorder	0.00	13254	Outside	3483.00	
Perforations	31.00			3514.00	
Bullnose	3.00			3517.00	67.00 Bottom Packers & Anchor

Total Tool Length: 88.00

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WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Grady Bolding Corp

Leroy B # 1

Box 486

20 19 14 Barton KS

Ellinwood KS 67526

Job Ticket: 23074

DST#: 3

ATTN: Grady Bolding

Test Start: 2006.05.22 @ 15:45:51

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Oil API:

deg API

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Salinity:

ppm

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCGM 20%G 30%O 50%M	0.842
120.00	M Frothy O 20%G 30%O 50%M	1.683
60.00	OCGM 20%G 20%O 60%M	0.842
60.00	SII OCGM 20%G 5%O 75%M	0.842

Total Length: 300.00 ft

Total Volume: 4.209 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

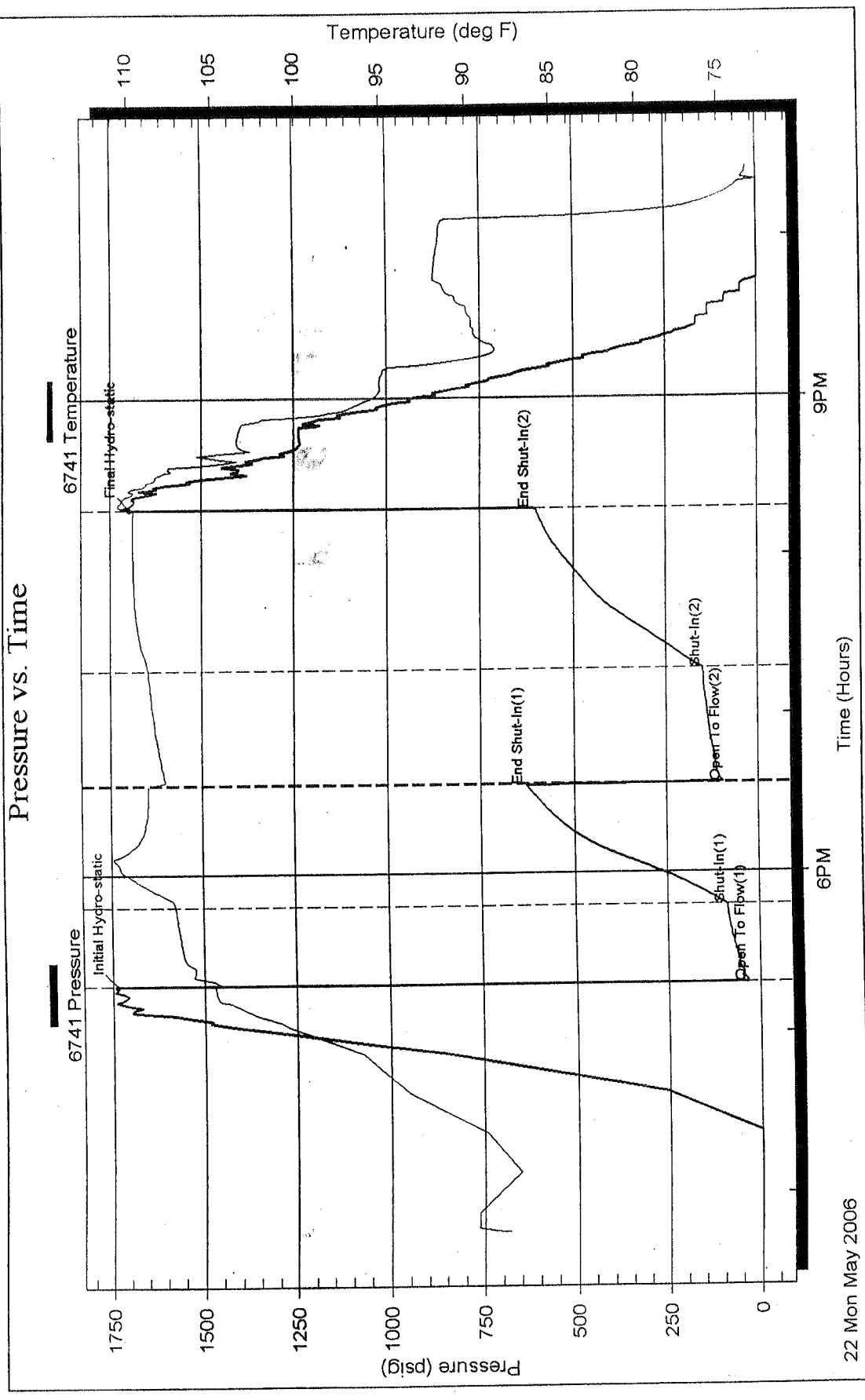
Laboratory Location:

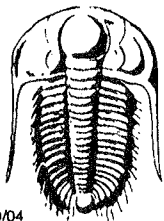
Recovery Comments:

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WICHITA, KS





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23072

Test Ticket

Well Name & No. Leeroy B #1 Test No. 1 Date 5-20-06
 Company Grady Bolding Corp. Zone Tested Lansing
 Address Box 486 Ellinwood KS 67526 Elevation 1910 KB 1905 GL
 Co. Rep / Geo. Jim Musgrove Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 19 Rge. 14 Co. Barton State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3218 — 3278 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length 60 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3213 Tool Weight 2000
 Bottom Packer Depth 3218 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3278 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM _____ Vis. 46 WL 9.6 Drill Pipe Size 4.5x4 Ft. Run 3215
 Blow Description I.F. Weak died in 6 min.

E.F. No blow

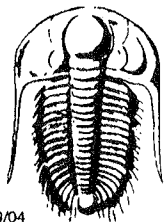
Recovery - Total Feet 3 GIP _____ Ft. in DC _____ Ft. in DP 3
 Rec. 3 Feet of DM %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 106 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5200 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1576</u> PSI	<u>6741</u>	Jars
(B) First Initial Flow Pressure	<u>11</u> PSI	<u>3221</u>	Safety Jt.
(C) First Final Flow Pressure	<u>12</u> PSI	<u>13254</u>	Circ Sub
(D) Initial Shut-In Pressure	<u>315</u> PSI	<u>3251</u>	Sampler
(E) Second Initial Flow Pressure	<u>12</u> PSI		Straddle
(F) Second Final Flow Pressure	<u>12</u> PSI		Ext. Packer
(G) Final Shut-In Pressure	<u>178</u> PSI		Shale Packer
(H) Final Hydrostatic Mud	<u>1549</u> PSI		Ruined Packer
		Initial Opening	Mileage <u>116</u>
		Initial Shut-In	Sub Total:
		Final Flow	Std. By
		Final Shut-In	Other
		T-On Location	Total:
		T-Started	
		T-Open	
		T-Pulled	
		T-Out	

Approved By _____
 Our Representative Don Bangle

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 A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED,
 TLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT,
 STATEMENTS OR OPINION CONCERNING THE RESULTS OF
 TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID
 COST BY THE PARTY FOR WHOM THE TEST IS MADE.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23073

Test Ticket

Well Name & No. Leroy B #1 Test No. 2 Date 5-22-06
 Company Grady Bolding Corp Zone Tested Arbuckle
 Address _____ Elevation 1910 KB 1905 GL _____
 Co. Rep / Geo. Jim Musgrove Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 19 Rge. 14 Co. Barton State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3450 ————— 3540 Initial Str Wt./Lbs. 43,000 Unseated Str Wt./Lbs. 43,000
 Anchor Length 90 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3445 Tool Weight 2000
 Bottom Packer Depth 3430 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3540 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM _____ Vis. 47 WL 8.4 Drill Pipe Size 4.5 XH Ft. Run 3431
 Blow Description I.F. Weak steady surface blow

F.F. No blow

Recovery - Total Feet 10 GIP _____ Ft. in DC _____ Ft. in DP 10
 Rec. 10 Feet of D.M. %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 109 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6100 ppm System

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1747</u> PSI	Recorder No.	<u>6741</u>
(B) First Initial Flow Pressure	<u>14</u> PSI	(depth)	<u>3453</u>
(C) First Final Flow Pressure	<u>18</u> PSI	Recorder No.	<u>13254</u>
(D) Initial Shut-In Pressure	<u>32</u> PSI	(depth)	<u>3517</u>
(E) Second Initial Flow Pressure	<u>17</u> PSI	Recorder No.	
(F) Second Final Flow Pressure	<u>19</u> PSI	(depth)	
(G) Final Shut-In Pressure	<u>24</u> PSI	Initial Opening	<u>30</u>
(Q) Final Hydrostatic Mud	<u>1649</u> PSI	Initial Shut-In	<u>30</u>
		Final Flow	<u>20</u>
		Final Shut-In	<u>30</u>

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Approved By _____

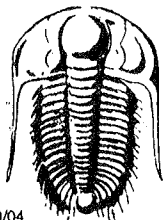
Our Representative Dan Bangle

T-On Location

T-Started 02:45
 T-Open 04:55
 T-Pulled 06:50
 T-Out 08:49

Test _____
 Jars _____
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 16
 Sub Total: _____
 Std. By _____
 Other _____
 Total: _____

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23074

9/04

Test Ticket

Well Name & No. Leroy B #1 Test No. 3 Date 5-22-06
 Company Grady Belding Corp Zone Tested Arbuckle
 Address _____ Elevation 1910 KB 1905 GL _____
 Co. Rep / Geo. Jim Mesgrove Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 19 Rge. 14 Co. Barton State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3450 ————— 3551 Initial Str Wt./Lbs. 43,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 101 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 59,000
 Top Packer Depth 3445 Tool Weight 2800
 Bottom Packer Depth 3450 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3551 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.5 LCM _____ Vis. 42 WL 9.2 Drill Pipe Size 4.5XH Ft. Run 3431
 Blow Description E.F. Strong B-B in 5 min.
ISI - Weak steady blow back
E.F. Strong B-B in 1 min.
ESI - Weak building to 3" died in 15 min.
 Recovery - Total Feet 300 GIP 1365 Ft. in DC _____ Ft. in DP 300
 Rec. 60 Feet of SIT/40 C G sym 20% gas 5% oil %water 75% mud
 Rec. 60 Feet of OC G sym 20% gas 20% oil %water 60% mud
 Rec. 120 Feet of Muddy & rocky oil 20% gas 30% oil %water 50% mud
 Rec. 60 Feet of OC G sym 20% gas 30% oil %water 50% mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 3HT 109 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6100 ppm System

	AK-1	Alpine	Recorder No.	Test
A) Initial Hydrostatic Mud	<u>1743</u>	PSI	<u>6741</u>	Jars
B) First Initial Flow Pressure	<u>33</u>	PSI	<u>3453</u>	Safety Jt.
C) First Final Flow Pressure	<u>88</u>	PSI	<u>13254</u>	Circ Sub
D) Initial Shut-In Pressure	<u>630</u>	PSI	<u>3483</u>	Sampler
E) Second Initial Flow Pressure	<u>95</u>	PSI		Straddle
F) Second Final Flow Pressure	<u>148</u>	PSI		Ext. Packer
G) Final Shut-In Pressure	<u>611</u>	PSI		Shale Packer
Q) Final Hydrostatic Mud	<u>1718</u>	PSI		Ruined Packer

RILOBITE 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 OR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Dan Baner

Initial Opening 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 T-On Location 15:30
 T-Started 15:45
 T-Open 17:16
 T-Pulled 20:16
 T-Out 22:26

Test _____
 Jars _____
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 16
 Sub Total: _____
 Std. By _____
 Other _____
 Total: _____

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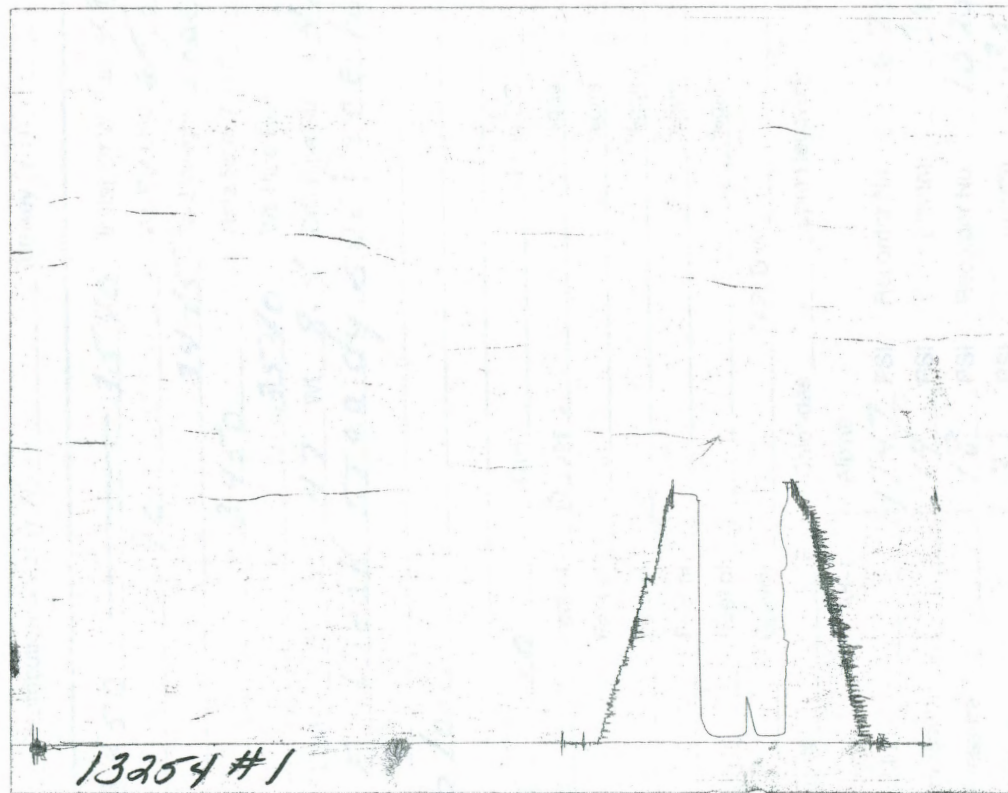


CHART PAGE

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

Test Ticket

Test 6-1
 1810-19-5

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

13254 #1

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CHART PAGE

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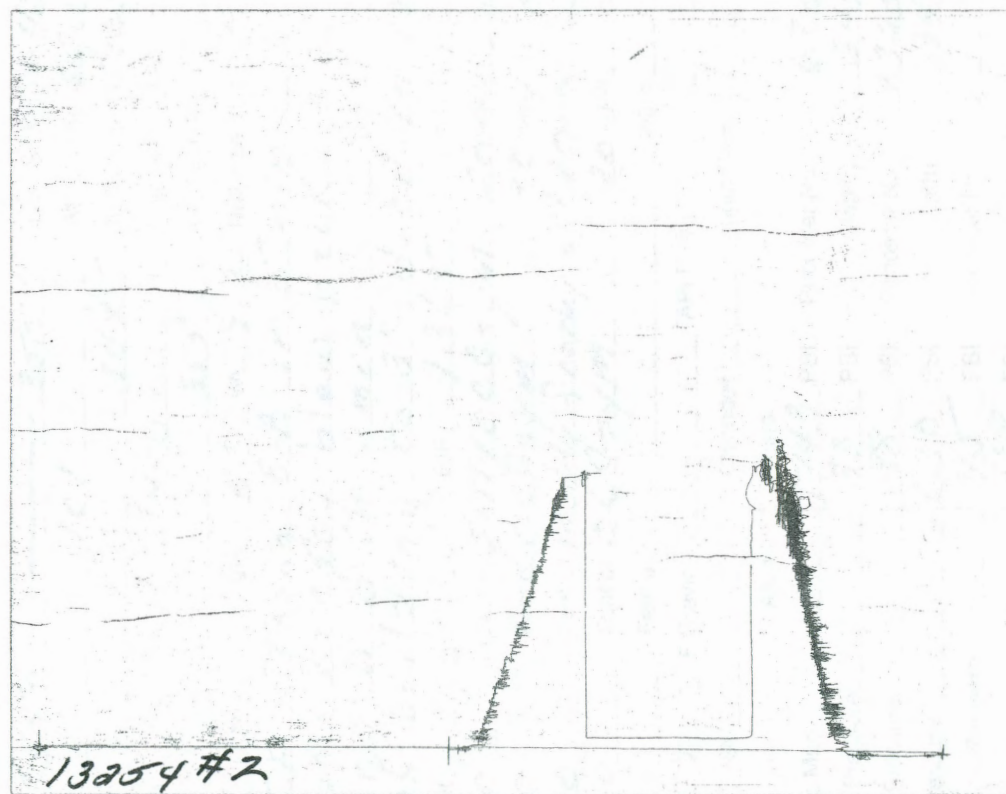


CHART PAGE

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