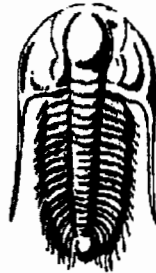


15-167-23406

33-14s-14w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operating**

PO Box 23
Russell KS 67665

ATTN: Kitt Noah

33 14 14 Russell KS

Kay #1

Start Date: 2007.01.29 @ 11:17:41

End Date: 2007.01.29 @ 17:40:41

Job Ticket #: 26896 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

Mai Oil Operating
 PO Box 23
 Russell KS 67665
 ATTN: Kitt Noah

Kay #1
33 14 14 Russell KS
 Job Ticket: 26896 **DST#: 1**
 Test Start: 2007.01.29 @ 11:17:41

GENERAL INFORMATION:

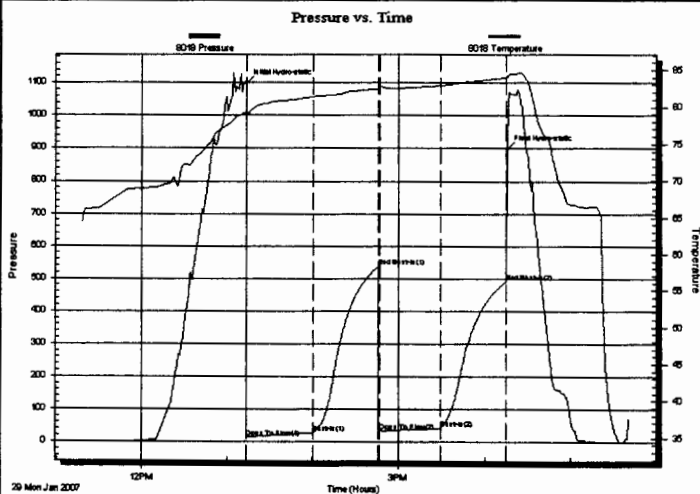
Formation: **Tarkio 1st 2nd**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 13:13:41
 Time Test Ended: 17:40:41
 Test Type: **Conventional Bottom Hole**
 Tester: **Michael Armbrister**
 Unit No: **31**
 Interval: **2333.00 ft (KB) To 2374.00 ft (KB) (TVD)**
 Reference Elevations: 1761.00 ft (KB)
 Total Depth: **2374.00 ft (KB) (TVD)**
 1756.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: **40.77 psig @ 2336.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.01.29** End Date: **2007.01.29** Last Calib.: **2007.01.29**
 Start Time: **11:17:46** End Time: **17:40:40** Time On Btm: **2007.01.29 @ 13:13:11**
 Time Off Btm: **2007.01.29 @ 16:15:40**

TEST COMMENT: IF Slow building 4" blow
 ISI Dead
 FF Slow building 4" Blow
 FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1098.68	79.22	Initial Hydro-static
1	12.11	78.70	Open To Flow (1)
47	26.58	81.37	Shut-In(1)
93	536.28	82.46	End Shut-In(1)
94	32.89	82.87	Open To Flow (2)
136	40.77	82.93	Shut-In(2)
182	491.44	83.96	End Shut-In(2)
183	897.07	84.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCutM 5%G 10%O 85%M	0.42
40.00	GslightlyOCutM 5%G 3%O 82%M	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26896

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.01.29 @ 11:17:41

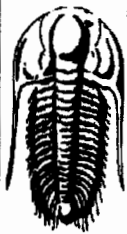
Tool Information

Drill Pipe:	Length: 2329.00 ft	Diameter: 3.80 inches	Volume: 32.67 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 32.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	2333.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 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			2314.00	
Shut In Tool	5.00			2319.00	
Hydraulic tool	5.00			2324.00	
Packer	4.00			2328.00	20.00 Bottom Of Top Packer
Packer	5.00			2333.00	
Stubb	1.00			2334.00	
Perforations	1.00			2335.00	
Change Over Sub	1.00			2336.00	
Recorder	0.00	8018	Inside	2336.00	
Blank Spacing	30.00			2366.00	
Change Over Sub	1.00			2367.00	
Recorder	0.00	11084	Outside	2367.00	
Perforations	4.00			2371.00	
Bullnose	3.00			2374.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operating

Key #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26896 **DST#: 1**

ATTN: Kitt Noah

Test Start: 2007.01.29 @ 11:17:41

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.09 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOOutM 5%G 10%O 85%M	0.421
40.00	GslightlyOOutM 5%G 3%O 82%M	0.561

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

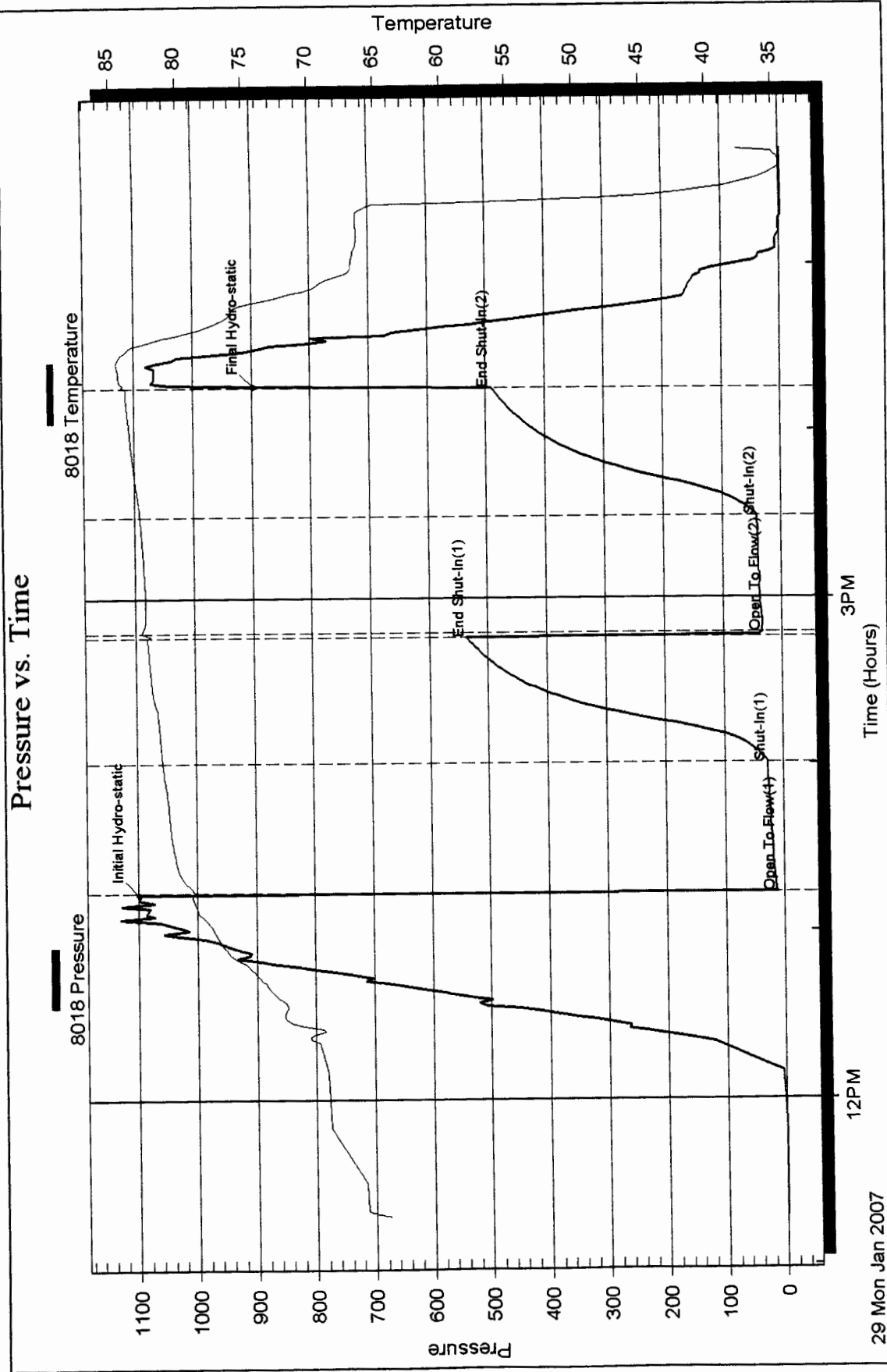
Serial #: 8018

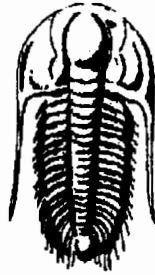
Inside

Mai Oil Operating

33 14 14 Russell KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operating**

PO Box 23
Russell KS 67665

ATTN: Kitt Noah

33 14 14 Russell KS

Kay #1

Start Date: 2007.01.31 @ 08:20:15

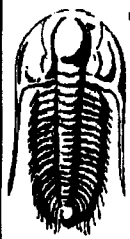
End Date: 2007.01.31 @ 14:38:15

Job Ticket #: 26897 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

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26897

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.01.31 @ 08:20:15

GENERAL INFORMATION:

Formation: **LKC A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:02:15

Time Test Ended: 14:38:15

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 31

Interval: **2926.00 ft (KB) To 3006.00 ft (KB) (TVD)**

Reference Elevations: 1761.00 ft (KB)

Total Depth: 3006.00 ft (KB) (TVD)

1756.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: 162.48 psig @ 2933.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.01.31

End Date:

2007.01.31

Last Calib.: 2007.01.31

Start Time: 08:20:20

End Time:

14:38:14

Time On Btm: 2007.01.31 @ 10:01:45

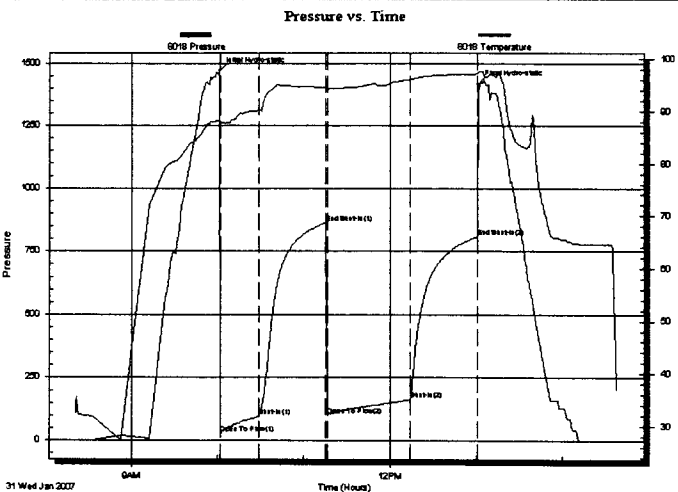
Time Off Btm: 2007.01.31 @ 13:01:15

TEST COMMENT: IF B of B 7 M

ISI 3" blow back died 15 m

FF B of B 2 M

FSI 4" blow back died 18 m



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1468.70	88.19	Initial Hydro-static
1	27.77	87.86	Open To Flow (1)
27	93.98	90.11	Shut-In (1)
74	863.13	94.66	End Shut-In (1)
75	97.41	94.23	Open To Flow (2)
133	162.48	96.12	Shut-In (2)
179	808.10	97.23	End Shut-In (2)
180	1416.91	97.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	DM	0.42
90.00	G&OcutM30%G30%O40%M	1.26
120.00	Gas&O 50% 50%O	1.68
60.00	G&WcutO 35%G 15%W 50%O	0.84
30.00	G&WcutM 30%G 25%W 55%M	0.42
0.00	800 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26897

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.01.31 @ 08:20:15

Tool Information

Drill Pipe:	Length: 2918.00 ft	Diameter: 3.80 inches	Volume: 40.93 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 40.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	2926.00 ft			Final 3700.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 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			2907.00	
Shut In Tool	5.00			2912.00	
Hydraulic tool	5.00			2917.00	
Packer	4.00			2921.00	20.00 Bottom Of Top Packer
Packer	5.00			2926.00	
Stubb	1.00			2927.00	
Perforations	5.00			2932.00	
Change Over Sub	1.00			2933.00	
Recorder	0.00	8018	Inside	2933.00	
Blank Spacing	61.00			2994.00	
Change Over Sub	1.00			2995.00	
Recorder	0.00	11084	Outside	2995.00	
Perforations	8.00			3003.00	
Bullnose	3.00			3006.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operating

Key #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26897

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.01.31 @ 08:20:15

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.08 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DM	0.421
90.00	G&OcutM30%G30%O40%M	1.262
120.00	Gas&O 50% 50%O	1.683
60.00	G&WcutO 35%G 15%W 50%O	0.842
30.00	G&WcutM 30%G 25%W 55%M	0.421
0.00	800 GIP	0.000

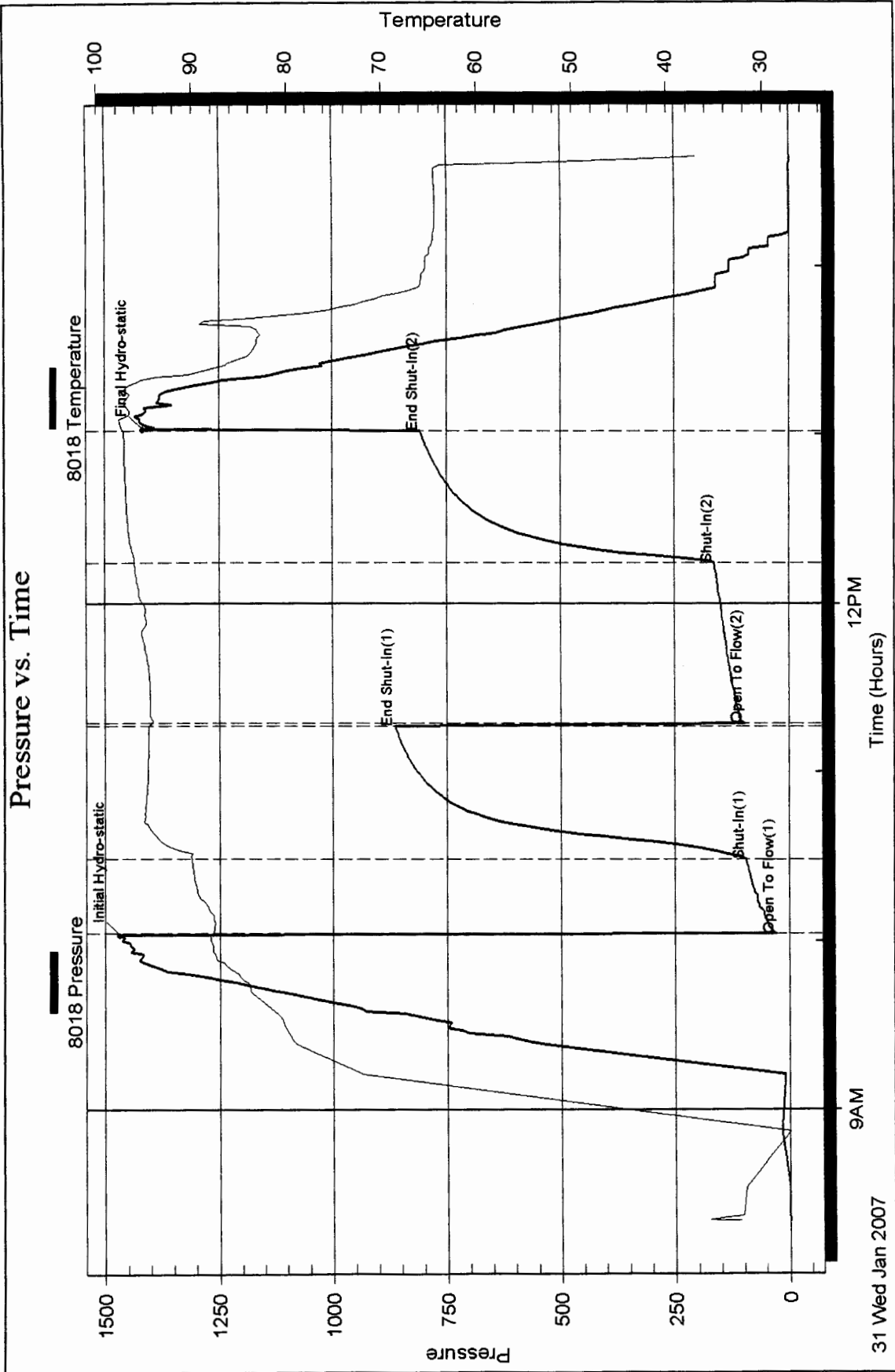
Total Length: 330.00 ft Total Volume: 4.629 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

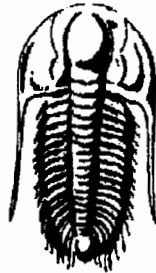


31 Wed Jan 2007

9AM

12PM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operating**

PO Box 23
Russell KS 67665

ATTN: Kitt Noah

33 14 14 Russell KS

Kay #1

Start Date: 2007.02.01 @ 07:35:18

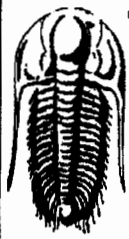
End Date: 2007.02.01 @ 13:04:18

Job Ticket #: 26898 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26898

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.02.01 @ 07:35:18

GENERAL INFORMATION:

Formation: **LKC H-K**

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

Time Tool Opened: 09:26:48

Time Test Ended: 13:04:18

Test Type: **Conventional Bottom Hole**

Tester: **Mchael Arrmbrister**

Unit No: **31**

Interval: **3089.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Reference Elevations: **1761.00 ft (KB)**

Total Depth: **2374.00 ft (KB) (TVD)**

1756.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

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

Serial #: 6669

Inside

Press@RunDepth: **22.86 psig @ 3096.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.02.01**

End Date:

2007.02.01

Last Calib.: **2007.02.01**

Start Time: **07:35:23**

End Time:

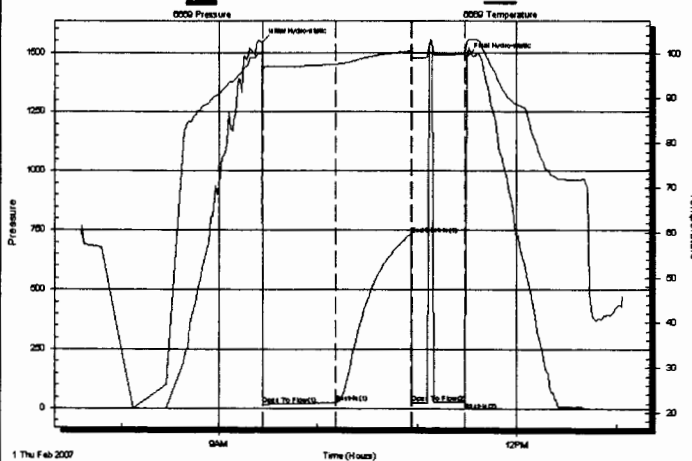
13:04:17

Time On Btm: **2007.02.01 @ 09:26:18**

Time Off Btm: **2007.02.01 @ 11:29:48**

**TEST COMMENT: IF Slow building 3" Blow
ISI DEAD
FF Dead flushed Died 5 m Pulled**

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.34	99.92	Initial Hydro-static
1	15.62	96.60	Open To Flow (1)
45	22.86	97.62	Shut-In(1)
90	732.53	100.51	End Shut-In(1)
90	24.90	99.01	Open To Flow (2)
123	28.09	99.96	Shut-In(2)
124	1483.03	102.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26898

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.02.01 @ 07:35:18

Tool Information

Drill Pipe:	Length: 3074.00 ft	Diameter: 3.80 inches	Volume: 43.12 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 43.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3089.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 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
Change Over Sub	1.00			3070.00	
Shut In Tool	5.00			3075.00	
Hydraulic tool	5.00			3080.00	
Packer	4.00			3084.00	20.00 Bottom Of Top Packer
Packer	5.00			3089.00	
Stubb	1.00			3090.00	
Perforations	5.00			3095.00	
Change Over Sub	1.00			3096.00	
Recorder	0.00	6669	Inside	3096.00	
Blank Spacing	30.00			3126.00	
Change Over Sub	1.00			3127.00	
Recorder	0.00	11084	Outside	3127.00	
Perforations	20.00			3147.00	
Bullnose	3.00			3150.00	61.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operating

Kay #1

PO Box 23
Russell KS 67665

33 14 14 Russell KS

Job Ticket: 26898

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.02.01 @ 07:35:18

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.08 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	Drilling Mud	0.421

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

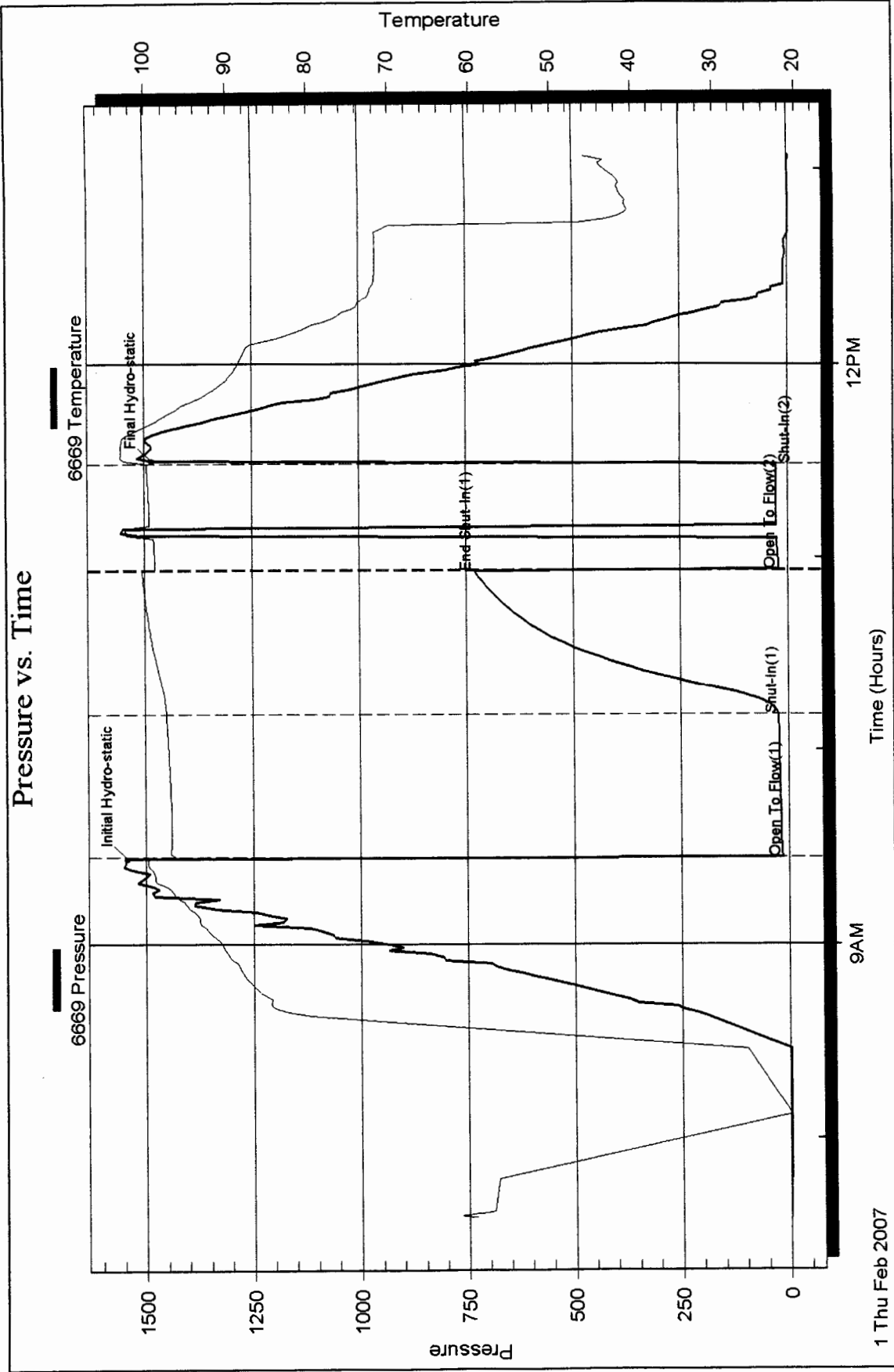
33 14 14 Russell KS

Mai Oil Operating

Inside

Serial #: 6669

Pressure vs. Time

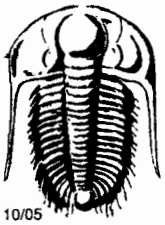


1 Thu Feb 2007

12PM

9AM

Time (Hours)



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26896

9803

Test Ticket

Well Name & No. Kay #1 Test No. 1 Date 1-29-07
 Company Ma.Oil Operations Zone Tested Tarkio 1st & 2nd
 Address PO Box 23 Russell, KS Elevation 1761 KB 1756 GL
 Co. Rep / Geo. Ritt Nash Rig Southwind 3#
 Location: Sec. 33 Twp. 14s Rge. 14w Co. Russell State KS
 Comment: _____ Release date / time: _____

Interval Tested 2333-2374 Initial Str Wt./Lbs. 30,000 Unseated Str Wt./Lbs. 30,000
 Anchor Length 41 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 2328 Tool Weight 2,000
 Bottom Packer Depth 2333 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 2374 Wt. Pipe Run — Drill Collar Run —
 Mud Wt. 8.9 LCM 1/8# Vis. 57 WL 9.1 Drill Pipe Size 4 1/2 Ft. Run 2329
 Blow Description IF - Slow building 4" Blow
ISI - Dead
FF - Slow building 4" Blow
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>30</u>	Feet of <u>60 cut M</u>	<u>5</u> %gas <u>10</u> %oil	%water <u>85</u> %mud
Rec. <u>70</u>	Feet of <u>65 slightly cut M</u>	<u>5</u> %gas <u>3</u> %oil	%water <u>92</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____

BHT 84 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

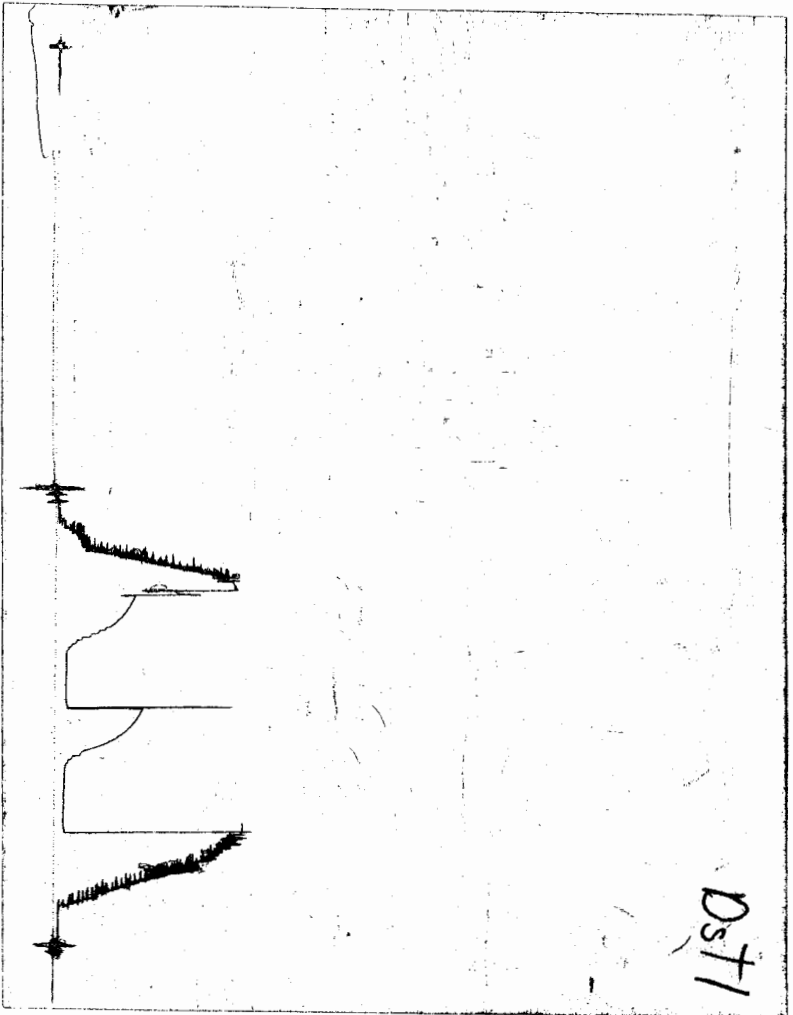
AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1099</u> PSI	<u>8018</u>	<u>Ran 1100</u>
(B) First Initial Flow Pressure	<u>12</u> PSI	(depth) <u>2338</u>	Jars _____
(C) First Final Flow Pressure	<u>27</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>536</u> PSI	(depth) <u>2373</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>33</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>41</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>491</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1073</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
		Final Flow <u>45</u>	Ruined Packer _____
		Final Shut-In <u>45</u>	Mileage <u>(90) 72 x 1</u>
		T-On Location <u>10:30</u>	Sub Total: <u>1190</u>
		T-Started <u>11:18</u>	Std. By _____
		T-Open <u>13:15</u>	Acc. Chg: _____
		T-Pulled <u>14:15</u>	Other: _____
		T-Out <u>17:20</u>	Total: _____

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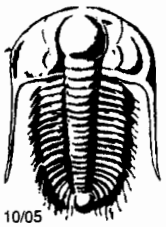
Approved By _____
 Our Representative Michael Armbrister

CHART PAGE

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



Mo
Ray #1



TRILOBITE TESTING INC.

26897

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Kay #1 Test No. 2 Date 1-31-07
 Company Mai Oil Operations Zone Tested LKC A-C
 Address PO Box 23 Russell KS Elevation 1761 KB 1756 GL
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 33 Twp. 14 Rge. 14 Co. Russell # State KS
 Comment: _____ Release date / time: _____

Interval Tested 2926-3006 Initial Str Wt./Lbs. 35,000 Unseated Str Wt./Lbs. 37,000
 Anchor Length 80 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 2921 Tool Weight 2,000
 Bottom Packer Depth 2926 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3006 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 Ft. Run 2918

Blow Description LF - BoFB 7m
ISI - 3" Blow back died 15m
FP - BoFB 2m
FSI - 4" Blow back died 18m

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>330</u>	<u>800</u>	_____	<u>330</u>
Rec. <u>30</u>	Feet of <u>DM</u>	%gas _____ %oil _____	%water <u>00</u> %mud _____
Rec. <u>90</u>	Feet of <u>690 cut M</u>	<u>30</u> %gas <u>30</u> %oil _____	%water <u>40</u> %mud _____
Rec. <u>120</u>	Feet of <u>690</u>	<u>50</u> %gas <u>50</u> %oil _____	%water _____ %mud _____
Rec. <u>60</u>	Feet of <u>69W cut 0</u>	<u>35</u> %gas <u>50</u> %oil <u>15</u> %water _____	%mud _____
Rec. <u>30</u>	Feet of <u>62W cut M</u>	<u>30</u> %gas _____ %oil _____	<u>25</u> %water <u>35</u> %mud
BHT <u>95</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW <u>.35</u>	@ <u>36</u> °F	Chlorides <u>45,000</u> ppm	Recovery _____ Chlorides _____ ppm System

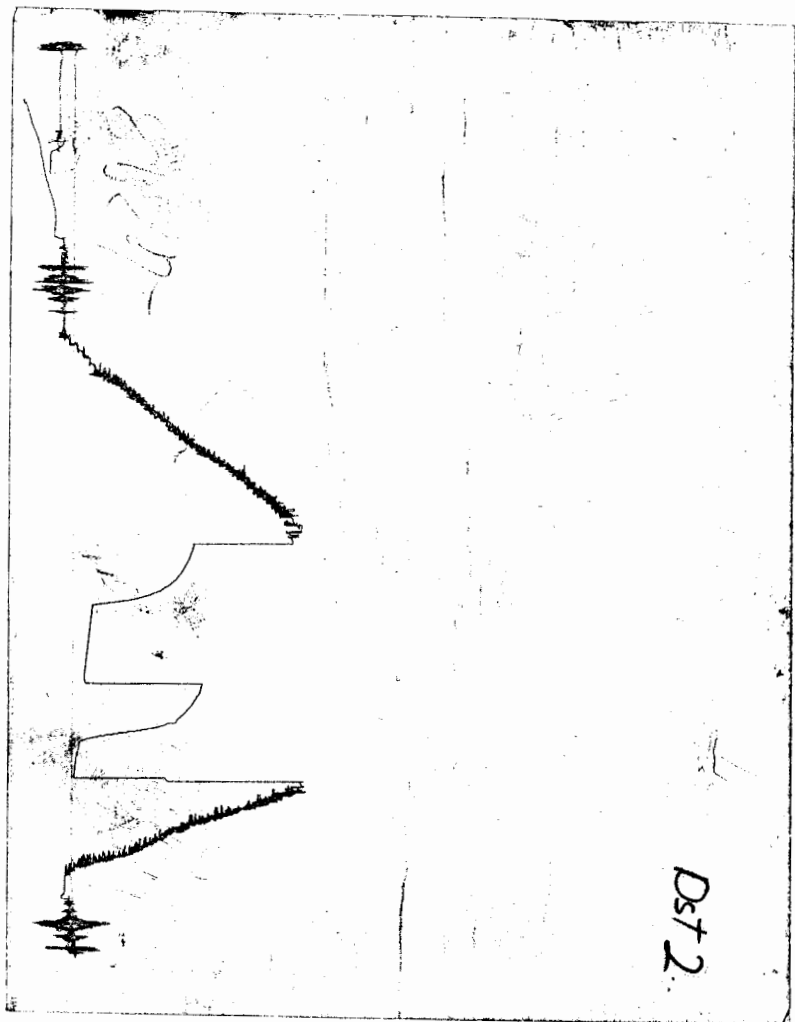
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1469</u>	PSI	<u>8018</u>	<u>Bar</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>28</u>	PSI	(depth) <u>2933</u>	Jars _____
(C) First Final Flow Pressure	<u>94</u>	PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>863</u>	PSI	(depth) <u>3005</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>98</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>162</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>808</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1477</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>22x1 90</u>
			T-On Location <u>8:15</u>	Sub Total: _____
			T-Started <u>8:20</u>	Std. By _____
			T-Open <u>10:15</u>	Acc. Chg: <u>1190</u>
			T-Pulled <u>13:15</u>	Other: _____
			T-Out <u>15:00</u>	Total: _____

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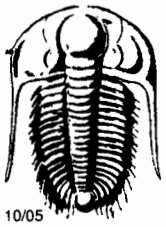
Approved By _____
 Our Representative Michael Armbrister

CHART PAGE

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



Mar
Koff #1



TRILOBITE TESTING INC.

26898

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Kay #2 Test No. 3 Date 2-01-07
 Company Mai Oil Operations Zone Tested LKK - H-K
 Address _____ Elevation 1761 KB 1754 GL _____
 Co. Rep / Geo. Kitt Noah Rig SW-3
 Location: Sec. 33 Twp. 14 Rge. 14 Co. Russell State KS
 Comment: _____ Release date / time: _____

Interval Tested 3089 - 3150 Initial Str Wt./Lbs. 35000 Unseated Str Wt./Lbs. 35600
 Anchor Length 61 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 35000
 Top Packer Depth 3084 Tool Weight 2600
 Bottom Packer Depth 3089 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3150 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 Ft. Run 3074
 Blow Description IF - Blow built to 3"
IS - Dead
FF - Dead Flushed Died 5m - Pulled

Recovery - Total Feet 30 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 30 Feet of Drilling Mud %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 101 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1542</u> PSI	<u>6669</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>16</u> PSI	(depth) <u>3093</u>	Jars _____
(C) First Final Flow Pressure		<u>23</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>733</u> PSI	(depth) <u>3149</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>25</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>28</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		_____ PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		_____ PSI	Initial Shut-In <u>45</u>	Shale Packer _____

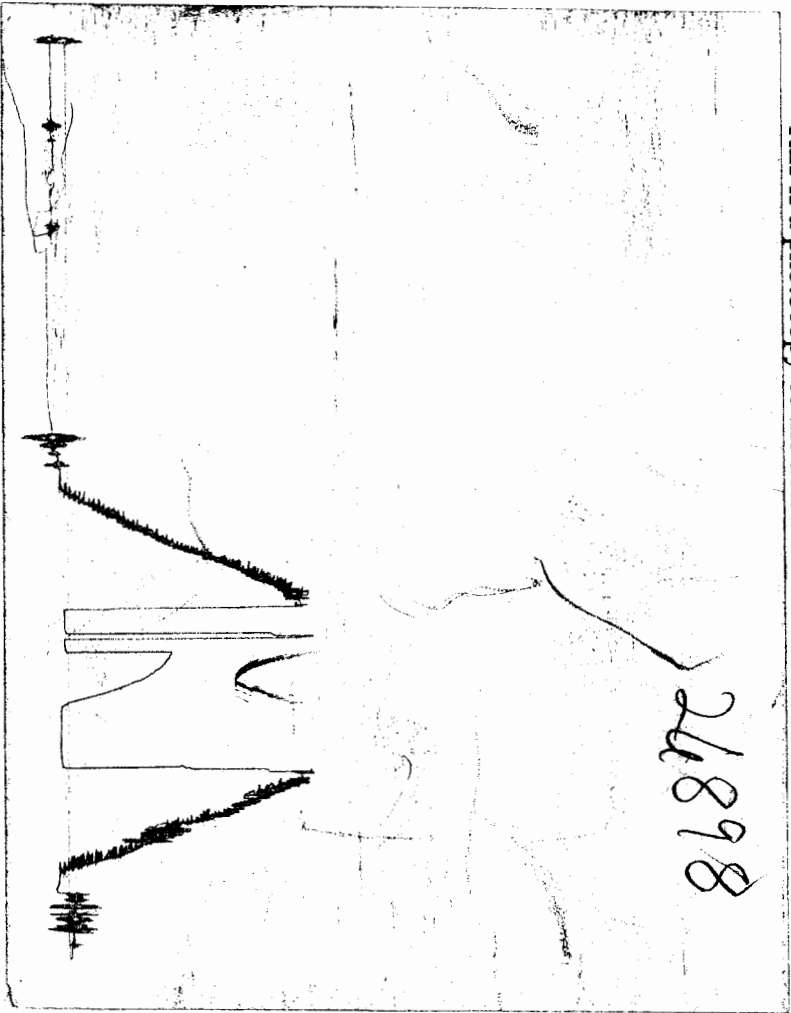
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Approved By _____
 Our Representative Michael Ambrister

Final Flow _____
 Final Shut-In _____
 T-On Location 7:30
 T-Started 7:33
 T-Open 9:25
 T-Pulled 11:20
 T-Out 13:00
 Mileage 72 90
 Sub Total: 1190
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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



Mar
#1
Kauf