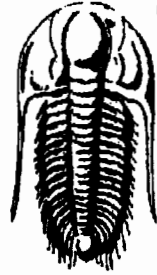


15-167-23397

32-14s-15w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

32 14 15 Russell KS

Legleiter #1

Start Date: 2006.02.22 @ 12:19:06

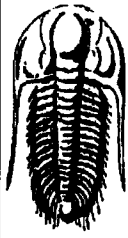
End Date: 2006.02.22 @ 12:21:06

Job Ticket #: 26887 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

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26887

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2006.02.22 @ 12:19:06

GENERAL INFORMATION:

Formation: LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 12:21:06

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 23

Interval: 3115.00 ft (KB) To 3190.00 ft (KB) (TVD)

Reference Elevations: 1914.00 ft (KB)

Total Depth: 3190.00 ft (KB) (TVD)

1908.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8167

Press@RunDepth: psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.02.22

End Date: 2006.02.22

Last Calib.: 1899.12.30

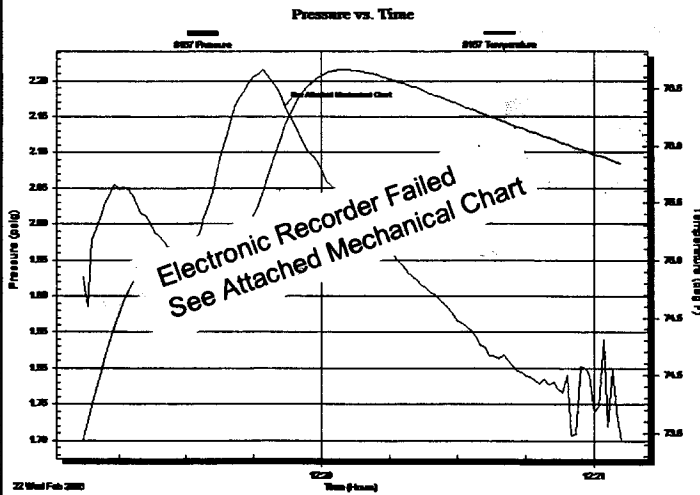
Start Time: 12:19:06

End Time: 12:21:06

Time On Btrr

Time Off Btrr

TEST COMMENT: IF B of B 3 m
ISI Dead
FF B of B 20 m
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.17	76.18	See Attached Mechanical Chart

Electronic Recorder Failed
See Attached Mechanical Chart

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O&WCM 2%O 5%W 83% M	0.84
75.00	OCM 8%O 82%M	1.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26887

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2006.02.22 @ 12:19:06

Tool Information

Drill Pipe:	Length: 3120.00 ft	Diameter: 3.80 inches	Volume: 43.77 bbl	Tool Weight: 2000.00 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: 60000.00 lb
			<u>Total Volume: 43.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3115.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Electronic Recorder Failed
See Attached Mechanical Chart

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3095.00	
Shut In Tool	5.00			3100.00	
Hydraulic tool	5.00			3105.00	
Packer	5.00			3110.00	21.00 Bottom Of Top Packer
Packer	5.00			3115.00	
Stubb	1.00			3116.00	
Perforations	2.00			3118.00	
Recorder	0.00	8289	Inside	3118.00	
Change Over Sub	1.00			3119.00	
Blank Spacing	62.00			3181.00	
Change Over Sub	1.00			3182.00	
Perforations	5.00			3187.00	
Recorder	0.00	3351	Inside	3187.00	
Bullnose	3.00			3190.00	75.00 Bottom Packers & Anchor

Total Tool Length: 96.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26887

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2006.02.22 @ 12:19:06

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	O&WCM 2%O 5%W 83% M	0.842
75.00	OCM 8%O 82%M	1.052

Total Length: 135.00 ft Total Volume: 1.894 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

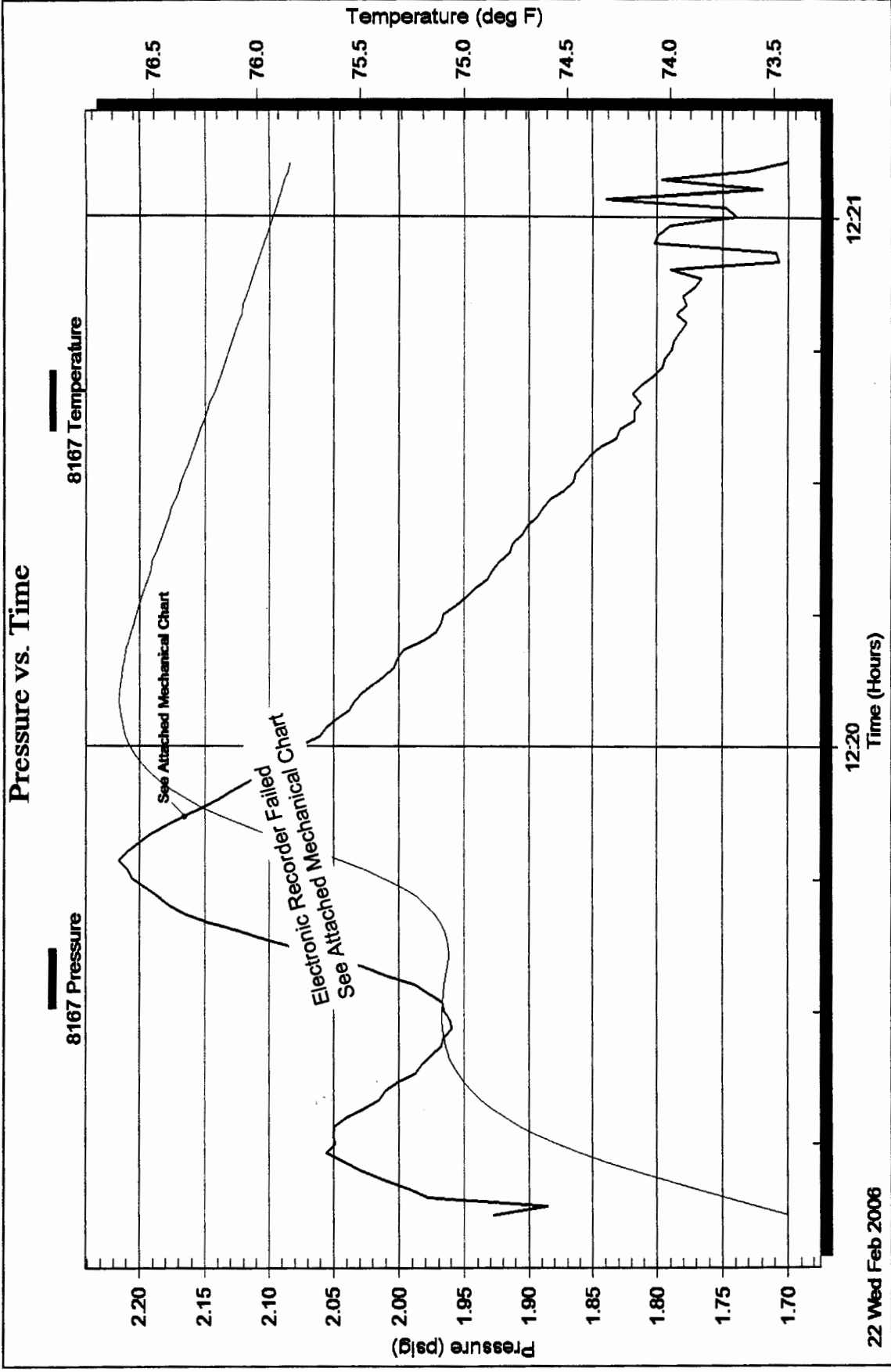
Laboratory Name:

Laboratory Location:

Recovery Comments: Electronic Recorder Failed

See Attached Mechanical Recorder

Pressure vs. Time

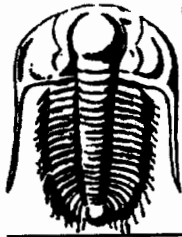


22 Wed Feb 2006

12:21

12:20

Time (Hours)



TRILOBITE TESTING, INC.

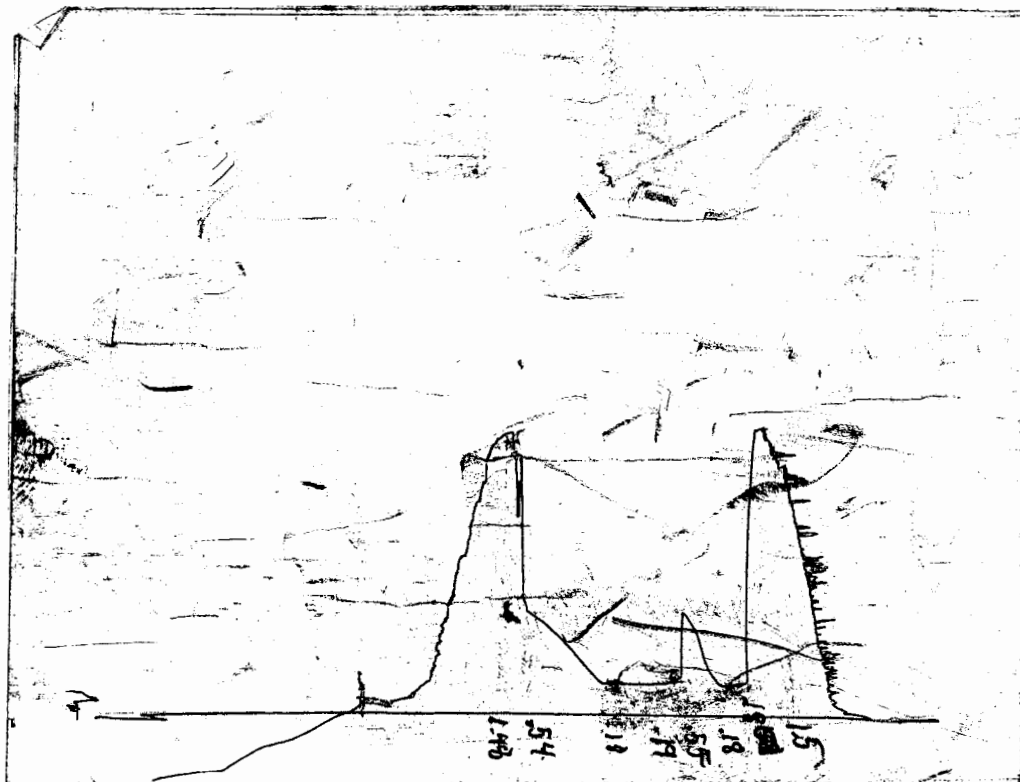
DRILL STEM TEST REPORT
Prospect Oil & Gas
PO Box 837
Russell KS 67665

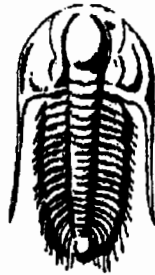
Well name#:	Legleiter #1	Date:12-29-06
Location#:	32-14-15 Russell KS	Ticket #:26887
		DST# 1

Recorder #:		
Pressure Summary:		Time:(min)
Initial Hydro-static:	1482.24	
Open to Flow (1):	165.34	30
Shut-in (1):	165.34	30
End Shut-in (1):	537.85	
Open to Flow (2):	201.19	60
Shut-in (2):	162.345	60
End Shut-in (2):	536.855	
Final Hydro-static:	1457.835	

CHART PAGE

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





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchinson

32 14 15 Russell KS

Legleiter #1

Start Date: 2006.12.29 @ 02:20:28

End Date: 2006.12.29 @ 08:19:07

Job Ticket #: 26888 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

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26888 DST#: 2

ATTN: Brad Hutchinson

Test Start: 2006.12.29 @ 02:20:28

GENERAL INFORMATION:

Formation: **LKC**

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

Time Tool Opened: 04:18:38

Time Test Ended: 08:19:07

Test Type: **Conventional Bottom Hole**

Tester: **Michael Arrbrister**

Unit No: **23**

Interval: **3275.00 ft (KB) To 3330.00 ft (KB) (TVD)**

Reference Elevations: **1914.00 ft (KB)**

Total Depth: **3330.00 ft (KB) (TVD)**

1908.00 ft (CF)

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

KB to GR/CF: **6.00 ft**

Serial #: 8320

Inside

Press@RunDepth: **14.76 psig @ 3278.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.12.29**

End Date:

2006.12.29

Last Calib.: **2006.12.30**

Start Time: **02:20:33**

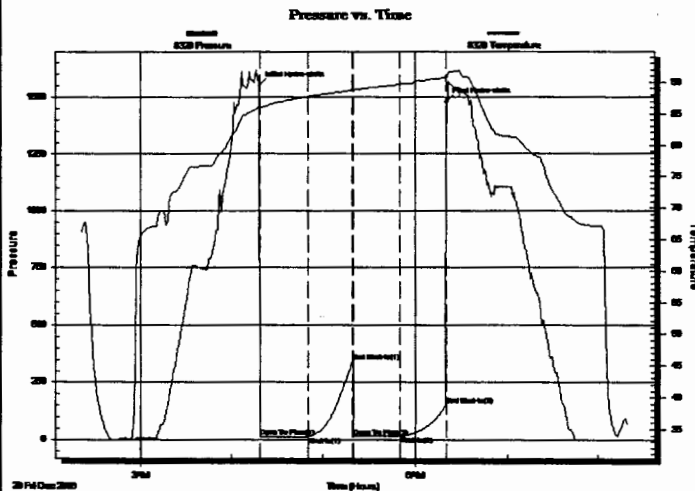
End Time:

08:19:08

Time On Btm: **2006.12.29 @ 04:18:28**

Time Off Btm: **2006.12.29 @ 06:19:48**

TEST COMMENT: IF Surface blow
ISI Dead
FF Surface Blow died 5 m
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1549.12	86.06	Initial Hydro-static
1	11.86	85.71	Open To Flow (1)
32	13.53	87.77	Shut-In(1)
61	342.10	88.77	End Shut-In(1)
62	14.03	88.72	Open To Flow (2)
92	14.76	89.73	Shut-In(2)
122	151.07	90.73	End Shut-In(2)
122	1477.97	91.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26888

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2006.12.29 @ 02:20:28

Tool Information

Drill Pipe:	Length: 3274.00 ft	Diameter: 3.80 inches	Volume: 45.93 bbl	Tool Weight: 2000.00 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: 45.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3275.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 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			3255.00	
Shut In Tool	5.00			3260.00	
Hydraulic tool	5.00			3265.00	
Packer	5.00			3270.00	21.00 Bottom Of Top Packer
Packer	5.00			3275.00	
Stubb	1.00			3276.00	
Perforations	2.00			3278.00	
Recorder	0.00	8320	Inside	3278.00	
Change Over Sub	1.00			3279.00	
Blank Spacing	30.00			3309.00	
Change Over Sub	1.00			3310.00	
Perforations	17.00			3327.00	
Recorder	0.00	3351	Inside	3327.00	
Bullnose	3.00			3330.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

Legleiter #1

PO Box 837
Russell KS 67665

32 14 15 Russell KS

Job Ticket: 26888

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2006.12.29 @ 02:20:28

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	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:

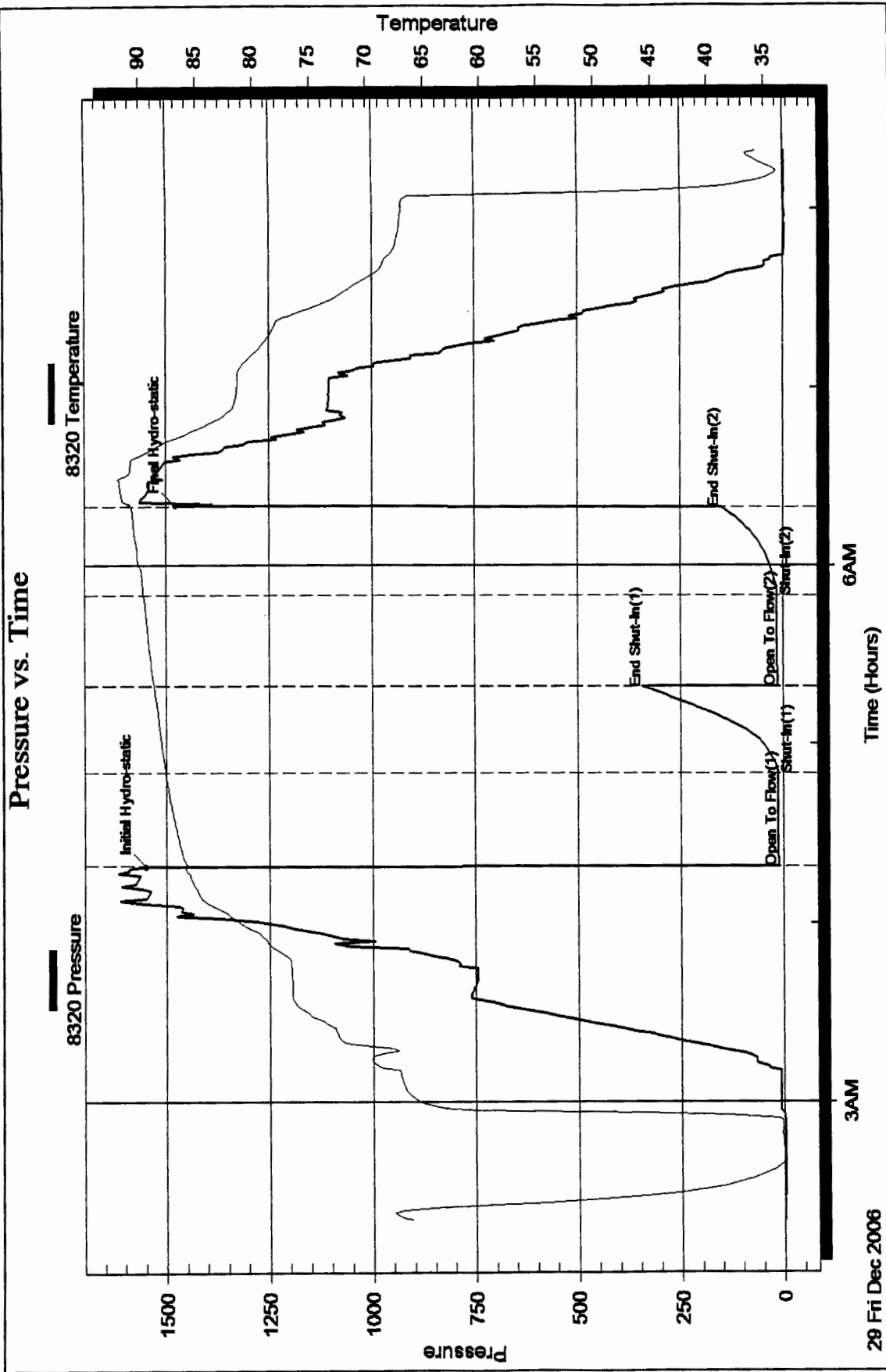
Serial #: 8320

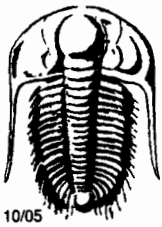
Inside Prospect Oil & Gas

32 14 15 Russell KS

DST Test Number: 2

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26887 /

9723

Test Ticket

Well Name & No. Legleiter Legleiter # 1 Test No. 1 Date 12-29-06
 Company Prospect Oil & Gas Zone Tested _____
 Address _____ Elevation 1914 KB 1908 GL _____
 Co. Rep / Geo. Brad Hutchinson Rig Vonfeldt
 Location: Sec. 32 Twp. 14 Rge. 15 Co. Russell State KS
 Comment: _____ Release date / time: _____

Interval Tested 3115 - 3190 Initial Str Wt./Lbs. 32000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 75 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3110 Tool Weight 2,000
 Bottom Packer Depth 3115 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3190 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.75 LCM 2 Vis. 48 WL 7.2 Drill Pipe Size 4 1/2 Ft. Run 3120

Blow Description IF - BoFB 3m
ISI - Dead
FF - BoFB 20m
FSI - Dead

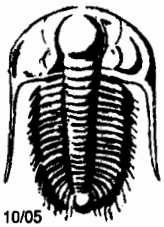
Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>75</u>	<u>180</u>		
Rec. <u>75</u> Feet of <u>Oil cut Mud</u>		%gas <u>8</u> %oil _____ %water <u>82</u> %mud _____	
Rec. <u>60</u> Feet of <u>Oil cut Mud</u>		%gas <u>2</u> %oil _____ %water <u>83</u> %mud _____	
Rec. _____ Feet of _____		%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet of _____		%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet of _____		%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °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>1498</u>	PSI	<u>8289</u>	<u>Ran</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>179</u>	PSI	(depth) <u>3116</u>	Jars _____
(C) First Final Flow Pressure	<u>179</u>	PSI	Recorder No. <u>3351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>547</u>	PSI	(depth) <u>3189</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>189</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>179</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>547</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1468</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>24x2</u> <u>60-</u>
			T-On Location <u>2:30</u>	Sub Total: <u>1160-</u>
			T-Started <u>4:00</u>	Std. By _____
			T-Open <u>5:55</u>	Acc. Chg: _____
			T-Pulled <u>8:55</u>	Other: _____
			T-Out <u>10:45</u>	Total: _____

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 [Signature]
 Our Representative Michael Ambriester



TRILOBITE TESTING INC.

26888

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Legleiter #1 Test No. 2 Date 12-30-06
 Company Prospect Oil & Gas Zone Tested LKC
 Address _____ Elevation 1914B 1908 GL
 Co. Rep / Geo. Brad Hutchinson Rig Vonfeldt
 Location: Sec. 32 Twp. 14 Rge. 15 Co. Russell State KS
 Comment: _____ Release date / time: _____

Interval Tested 3275-3330 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 55 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3270 Tool Weight 2,000
 Bottom Packer Depth 3275 Hole Size 7 7/8" _____ Rubber Size 6 3/4" _____
 Total Depth 3330 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM 2 Vis. 44 WL 7.6 Drill Pipe Size 4 1/2 Ft. Run _____
 Blow Description IF - Surface Blow
ISJ - Dead
FF - Surface Blow died 5m
FSJ - Dead

Recovery - Total Feet 10 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 10 Feet of Drilling Mud %gas _____ %oil _____ %water 100 %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 91 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1590	PSI	8320	Ran 1100
(B) First Initial Flow Pressure	12	PSI	(depth) 3277	Jars
(C) First Final Flow Pressure	14	PSI	Recorder No. 3351	Safety Jt.
(D) Initial Shut-In Pressure	342	PSI	(depth) 3329	Circ Sub
(E) Second Initial Flow Pressure	14	PSI	Recorder No.	Sampler
(F) Second Final Flow Pressure	15	PSI	(depth)	Straddle
(G) Final Shut-In Pressure	151	PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud	1478	PSI	Initial Shut-In 30	Shale Packer
			Final Flow 30	Ruined Packer
			Final Shut-In 30	Mileage <u>24x2 60</u>
			T-On Location <u>00:20</u>	Sub Total: _____
			T-Started <u>2:20</u>	Std. By _____
			T-Open <u>4:20</u>	Acc. Chg: _____
			T-Pulled <u>6:20</u>	Other: _____
			T-Out <u>8:15</u>	Total: _____

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 Michael Armbrister

CHART PAGE

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

