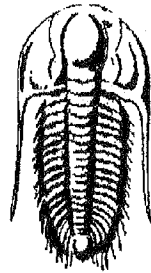


15-171-20580

10-18s-31w

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DEC 03 2003
KCC WICHITA



**TRILOBITE
TESTING, INC.**

CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

ATTN: Steve Slawson

10-18s-31w Scott KS

Weisenberger 'K' # 1

Start Date: 2003.09.23 @ 18:24:44

End Date: 2003.09.24 @ 02:36:44

Job Ticket #: 18165 DST #: 1

**RELEASED
FROM
CONFIDENTIAL**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Slawson Exploration Co., Inc.

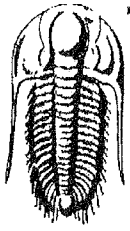
Weisenberger 'K' # 1

10-18s-31w Scott KS

DST # 1

L.K.C.-70'

2003.09.23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.
 200 N. Harvey, Ste#1412
 Oklahoma City, Ok. 73102
 ATTN: Steve Slawson

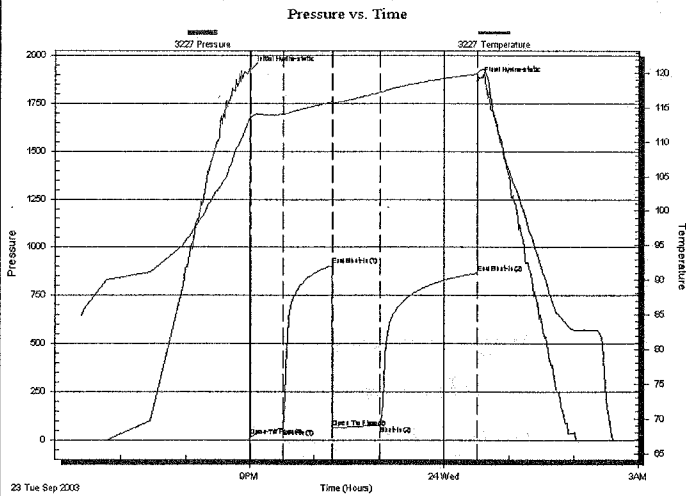
Weisenberger 'K' # 1
10-18s-31w Scott KS
 Job Ticket: 18165 **DST#: 1**
 Test Start: 2003.09.23 @ 18:24:44

GENERAL INFORMATION:

Formation: **L.Kc.-70'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:00:59
 Time Test Ended: 02:36:44
 Interval: **4001.00 ft (KB) To 4018.00 ft (KB) (TVD)**
 Total Depth: **4018.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: John Schmidt
 Unit No: 18
 Reference Elevations: 2936.00 ft (KB)
 2931.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 3227 Inside
 Press@RunDepth: 76.75 psig @ 4005.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2003.09.23 End Date: 2003.09.24 Last Calib.: 2003.09.24
 Start Time: 18:24:45 End Time: 02:36:44 Time On Btm: 2003.09.23 @ 21:00:29
 Time Off Btm: 2003.09.24 @ 00:30:14

TEST COMMENT: IF-Weak built to 3" in IS-Very weak blow back
 FF-Weak built to 4" in FS-Very weak blow back



PRESSURE SUMMARY

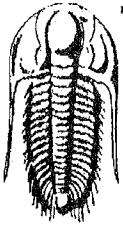
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.02	113.49	Initial Hydro-static
1	18.71	113.49	Open To Flow (1)
31	61.85	113.99	Shut-in(1)
76	906.36	115.79	End Shut-in(1)
77	64.93	115.74	Open To Flow (2)
120	76.75	117.14	Shut-in(2)
210	866.62	119.87	End Shut-in(2)
210	1868.79	119.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM-5%gas-35%oil60%mud	0.30
100.00	free oil 100%oil	0.82
0.00	40 gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slawson Exploration Co., Inc.

Weisenberger 'K' # 1

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

10-18s-31w Scott KS

Job Ticket: 18165

DST#: 1

ATTN: Steve Slawson

Test Start: 2003.09.23 @ 18:24:44

Tool Information

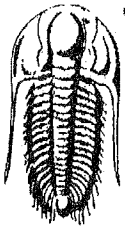
Drill Pipe:	Length: 3866.00 ft	Diameter: 3.80 inches	Volume: 54.23 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4001.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3985.00	
Hydraulic tool	5.00			3990.00	
Safety Joint	2.00			3992.00	
Packer	4.00			3996.00	21.00 Bottom Of Top Packer
Packer	5.00		Fluid	4001.00	
Stubb	1.00			4002.00	
Perforations	3.00			4005.00	
Recorder	0.00	3227	Inside	4005.00	
Perforations	10.00			4015.00	
Recorder	0.00	13308	Outside	4015.00	
Bullnose	3.00			4018.00	17.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Slaw son Exploration Co., Inc.

Weisenberger 'K' # 1

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

10-18s-31w Scott KS

Job Ticket: 18165

DST#: 1

ATTN: Steve Slaw son

Test Start: 2003.09.23 @ 18:24:44

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM-5%gas-35%oil60%mud	0.295
100.00	free oil 100%oil	0.820
0.00	40 gas in pipe	0.000

Total Length: 160.00 ft

Total Volume: 1.115 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

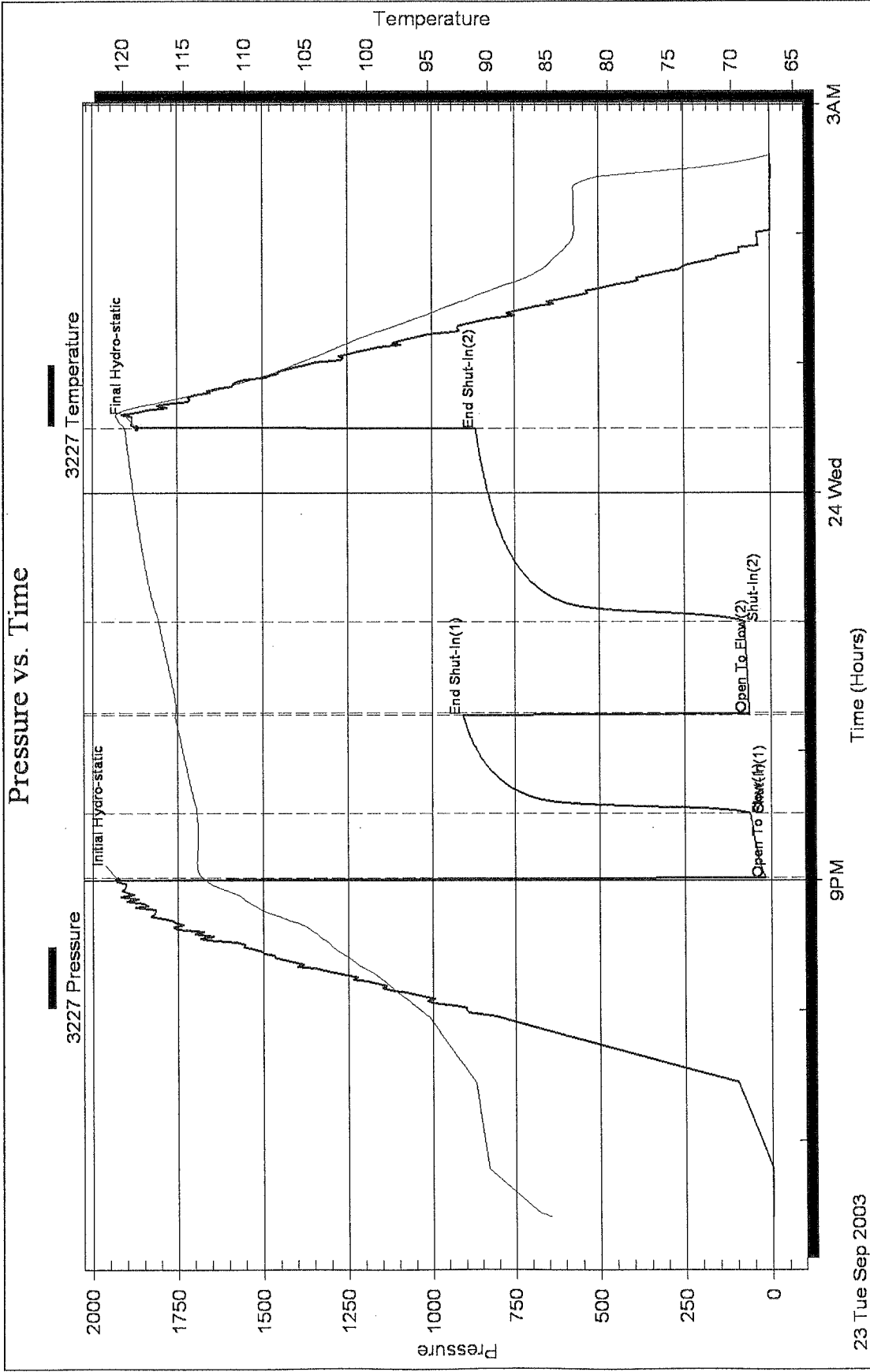
Recovery Comments:

Serial #: 3227

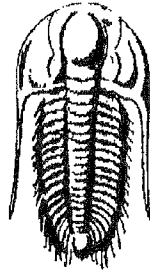
Inside Slawson Exploration Co., Inc.

10-18s-31w Scott KS

DST Test Number: 1



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DEC 03 2003
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

ATTN: Steve Slawson

10-18s-31w Scott KS

Weisenberger 'K' # 1

Start Date: 2003.09.24 @ 19:57:54

End Date: 2003.09.25 @ 04:52:54

Job Ticket #: 18166 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Slawson Exploration Co., Inc.

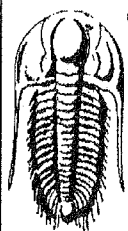
Weisenberger 'K' # 1

10-18s-31w Scott KS

DST # 2

L.Kc.-180'

2003.09.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

Weisenberger 'K' # 1

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

10-18s-31w Scott KS

Job Ticket: 18166

DST#: 2

ATTN: Steve Slawson

Test Start: 2003.09.24 @ 19:57:54

GENERAL INFORMATION:

Formation: **L.Kc.-180'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:35:09

Time Test Ended: 04:52:54

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: **4159.00 ft (KB) To 4176.00 ft (KB) (TVD)**

Total Depth: 4176.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2936.00 ft (KB)

2931.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3227 Inside

Press@RunDepth: 291.40 psig @ 4163.00 ft (KB)

Start Date: 2003.09.24

End Date: 2003.09.25

Capacity: 7000.00 psig

Last Calib.: 2003.09.25

Start Time: 19:57:55

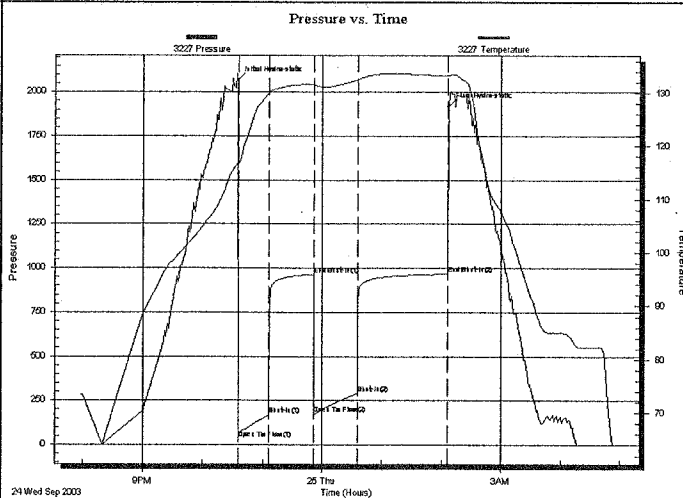
End Time: 04:52:54

Time On Btm: 2003.09.24 @ 22:34:54

Time Off Btm: 2003.09.25 @ 02:06:39

TEST COMMENT: IF-Strong B.O.B. 11 min
FF-Strong B.O.B. 17 min

ISI-Weak Surface blow back
FSI-Weak Surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2064.95	116.82	Initial Hydro-static
1	30.59	116.71	Open To Flow (1)
32	169.90	129.99	Shut-In(1)
76	964.58	131.50	End Shut-In(1)
77	172.44	131.42	Open To Flow (2)
121	291.40	132.41	Shut-In(2)
212	966.82	133.14	End Shut-In(2)
212	1917.89	133.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	Salt Water	4.90
230.00	Free Oil	3.23
0.00	180 gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slaw son Exploration Co., Inc.

Weisenberger 'K' # 1

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

10-18s-31w Scott KS

Job Ticket: 18166

DST#: 2

ATTN: Steve Slaw son

Test Start: 2003.09.24 @ 19:57:54

Tool Information

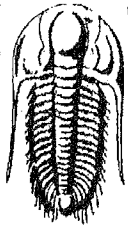
Drill Pipe:	Length: 4021.00 ft	Diameter: 3.80 inches	Volume: 56.40 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 57.01 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4159.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	39.00 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			4142.00	
Hydraulic tool	5.00			4147.00	
Safety Joint	3.00			4150.00	
Packer	4.00			4154.00	22.00 Bottom Of Top Packer
Packer	5.00		Fluid	4159.00	
Stubb	1.00			4160.00	
Perforations	3.00			4163.00	
Recorder	0.00	3227	Inside	4163.00	
Perforations	10.00			4173.00	
Recorder	0.00	13308	Outside	4173.00	
Bullnose	3.00			4176.00	17.00 Bottom Packers & Anchor

Total Tool Length: 39.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Slawson Exploration Co., Inc.

Weisenberger 'K' # 1

200 N. Harvey, Ste#1412
Oklahoma City, Ok. 73102

10-18s-31w Scott KS

Job Ticket: 18166

DST#: 2

ATTN: Steve Slawson

Test Start: 2003.09.24 @ 19:57:54

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 42.00 sec/qt
Water Loss: 10.37 in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 28 deg API
Water Salinity: 55000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	Salt Water	4.902
230.00	Free Oil	3.226
0.00	180 gas in pipe	0.000

Total Length: 660.00 ft Total Volume: 8.128 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3227

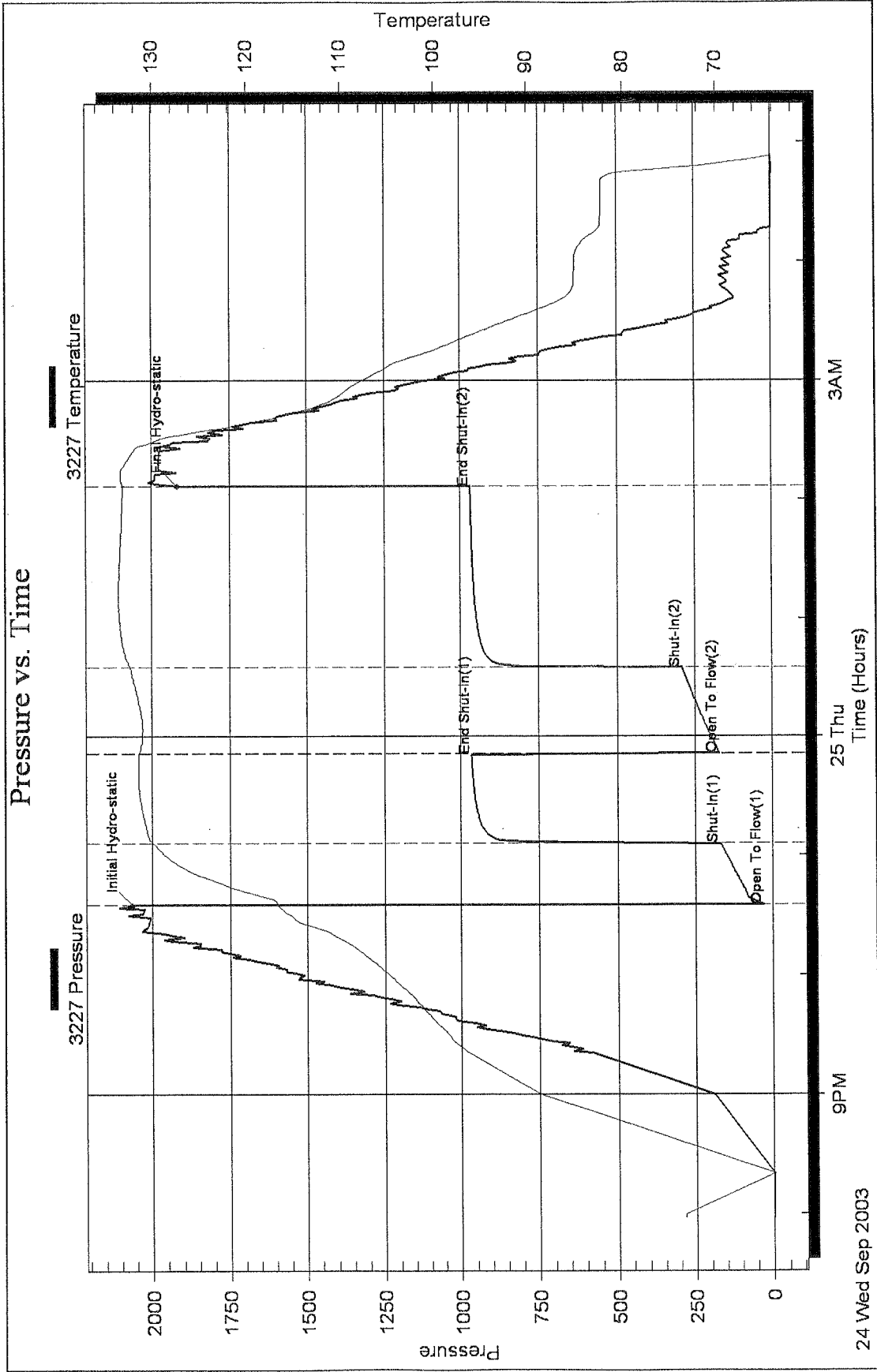
Inside

Slawson Exploration Co., Inc.

10-18s-31w Scott KS

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 18166

Printed: 2003.10.03 @ 10:59:26 Page 5