

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering Inc
 562 West State Rd 4
 Olmitz, Ks
 ATTN: Vern Schrag

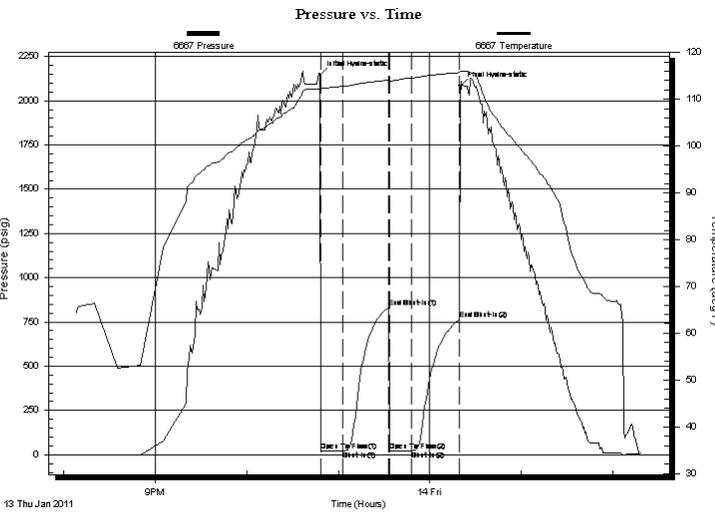
Krehbiel #1-30
30-18s-30w Lane, Ks
 Job Ticket: 041133 **DST#: 1**
 Test Start: 2011.01.13 @ 20:08:23

GENERAL INFORMATION:

Formation: **H**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **22:48:23** Tester: **Shane McBride**
 Time Test Ended: **02:30:08** Unit No: **40**
Interval: 4135.00 ft (KB) To 4161.00 ft (KB) (TVD) Reference Elevations: **2912.00 ft (KB)**
 Total Depth: **4161.00 ft (KB) (TVD)** **2905.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

Serial #: 6667 **Inside**
 Press @ Run Depth: **23.60 psig @ 4136.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.01.13** End Date: **2011.01.14** Last Calib.: **2011.01.14**
 Start Time: **20:08:23** End Time: **02:19:08** Time On Btm: **2011.01.13 @ 22:48:08**
 Time Off Btm: **2011.01.14 @ 00:19:53**

TEST COMMENT: Wak blow died in 7 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

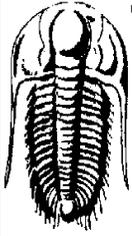
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.27	112.45	Initial Hydro-static
1	20.46	112.03	Open To Flow (1)
15	22.00	112.73	Shut-In(1)
45	834.49	114.10	End Shut-In(1)
46	22.04	113.84	Open To Flow (2)
60	23.60	114.52	Shut-In(2)
92	762.79	115.71	End Shut-In(2)
92	2083.69	115.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

Gas Rates

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



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FLUID SUMMARY

Larson Engineering Inc

Krehbiel #1-30

562 West State Rd 4
Olmitz , Ks

30-18s-30w Lane, Ks

Job Ticket: 041133

DST#: 1

ATTN: Vern Schrag

Test Start: 2011.01.13 @ 20:08:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

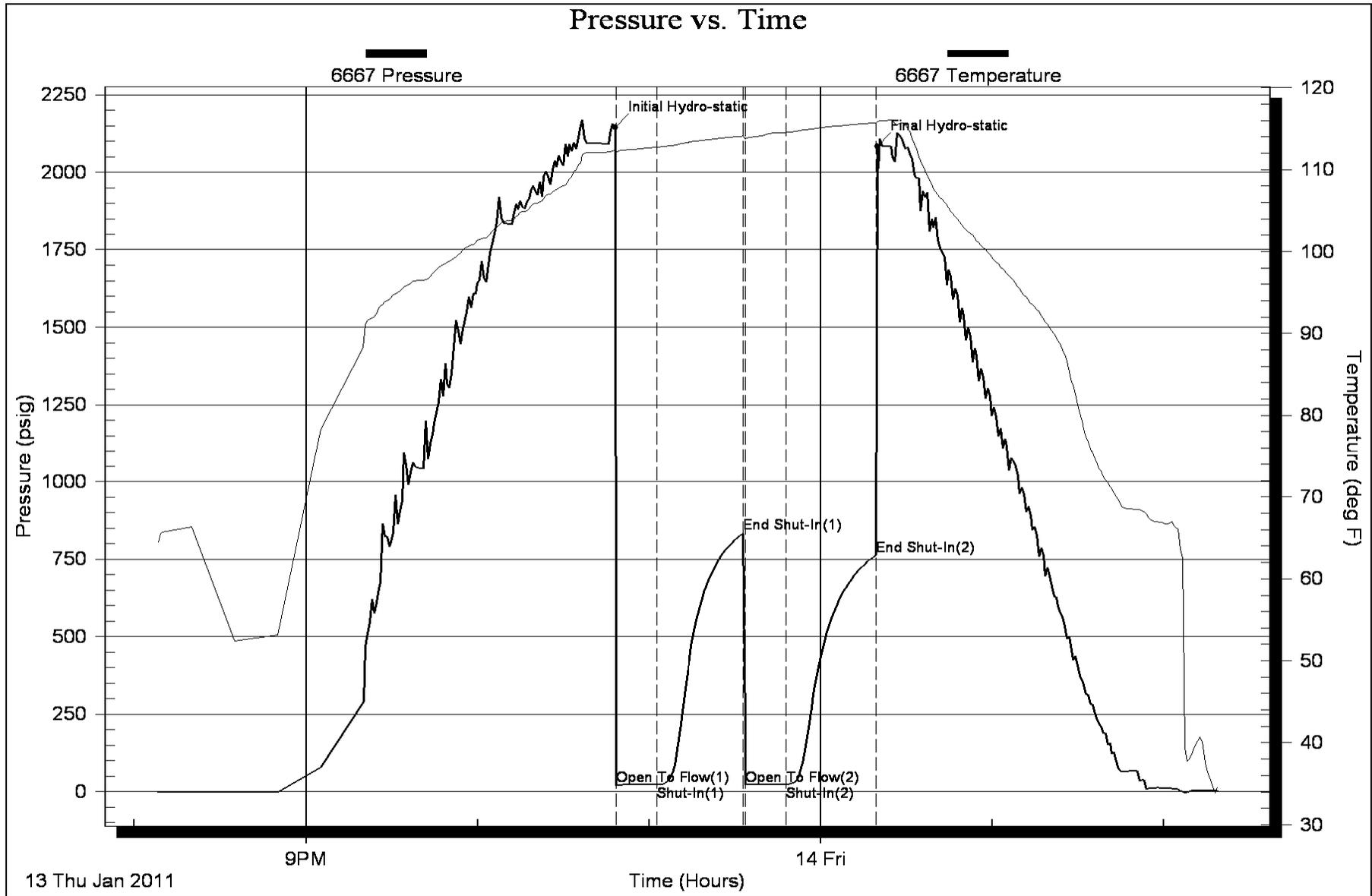
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Larson Engineering Inc
 562 West State Rd 4
 Olmitz, Ks
 ATTN: Vern Schrag

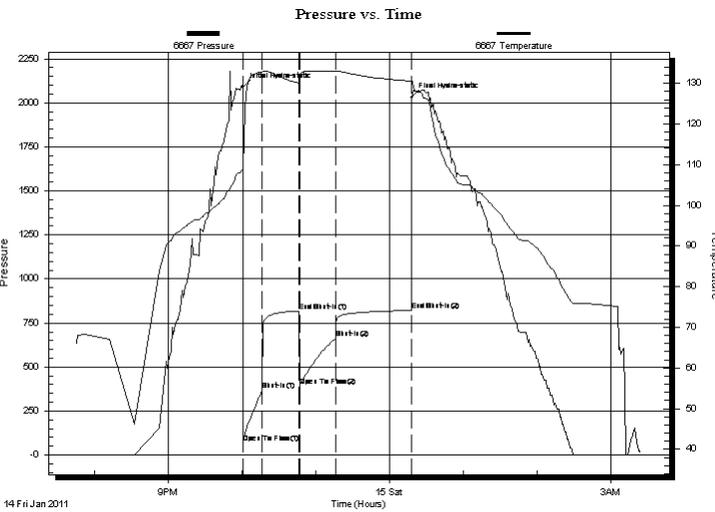
Krehbiel #1-30
30-18s-30w Lane, Ks
 Job Ticket: 041134 **DST#: 2**
 Test Start: 2011.01.14 @ 19:45:41

GENERAL INFORMATION:

Formation: **K**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **22:00:56** Tester: **Shane McBride**
 Time Test Ended: **03:40:26** Unit No: **40**
Interval: 4234.00 ft (KB) To 4250.00 ft (KB) (TVD) Reference Elevations: **2912.00 ft (KB)**
 Total Depth: **4250.00 ft (KB) (TVD)** **2905.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

Serial #: 6667 **Inside**
 Press @ Run Depth: **661.63 psig @ 4235.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.01.14** End Date: **2011.01.15** Last Calib.: **2011.01.15**
 Start Time: **19:45:41** End Time: **03:24:26** Time On Btm: **2011.01.14 @ 22:00:41**
 Time Off Btm: **2011.01.15 @ 00:17:56**

TEST COMMENT: B.O.B. in 3 min
 No return
 B.O.B. in 6 min
 No return



PRESSURE SUMMARY

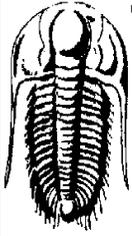
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.97	108.77	Initial Hydro-static
1	70.64	108.33	Open To Flow (1)
16	369.46	132.82	Shut-In(1)
46	818.26	130.10	End Shut-In(1)
46	392.50	129.76	Open To Flow (2)
76	661.63	132.94	Shut-In(2)
137	821.21	130.54	End Shut-In(2)
138	2030.34	130.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1260.00	water 100%w	16.65
150.00	m c w 20%m 80%w	2.10

Gas Rates

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



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FLUID SUMMARY

Larson Engineering Inc

Krehbiel #1-30

562 West State Rd 4
Olmitz , Ks

30-18s-30w Lane, Ks

Job Ticket: 041134

DST#: 2

ATTN: Vern Schrag

Test Start: 2011.01.14 @ 19:45:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1260.00	water 100%w	16.645
150.00	mc w 20%m 80%w	2.104

Total Length: 1410.00 ft Total Volume: 18.749 bbl

Num Fluid Samples: 0

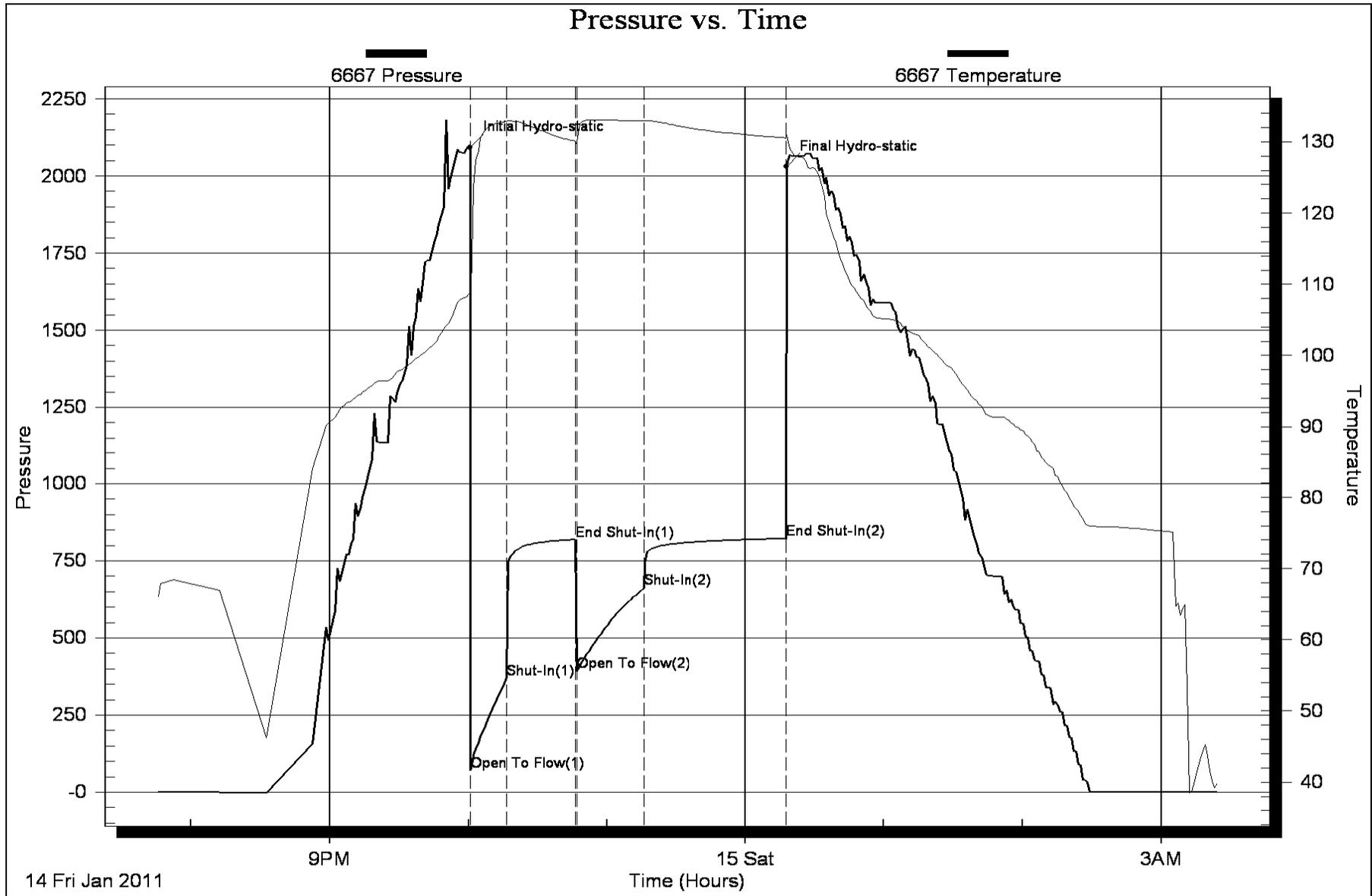
Num Gas Bombs: 0

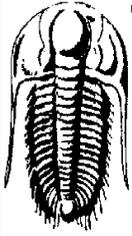
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .289 @ 45*f= 37,000 chlor





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DRILL STEM TEST REPORT

Larson Engineering Inc
 562 West State Rd 4
 Olmitz , Ks
 ATTN: Vern Schrag

Krehbiel #1-30
30-18s-30w Lane, Ks
 Job Ticket: 041135 **DST#: 3**
 Test Start: 2011.01.16 @ 07:45:28

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:59:58
 Time Test Ended: 14:45:28
 Interval: **4320.00 ft (KB) To 4403.00 ft (KB) (TVD)**
 Total Depth: 4403.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 40
 Reference Elevations: 2912.00 ft (KB)
 2905.00 ft (CF)
 KB to GR/CF: 7.00 ft

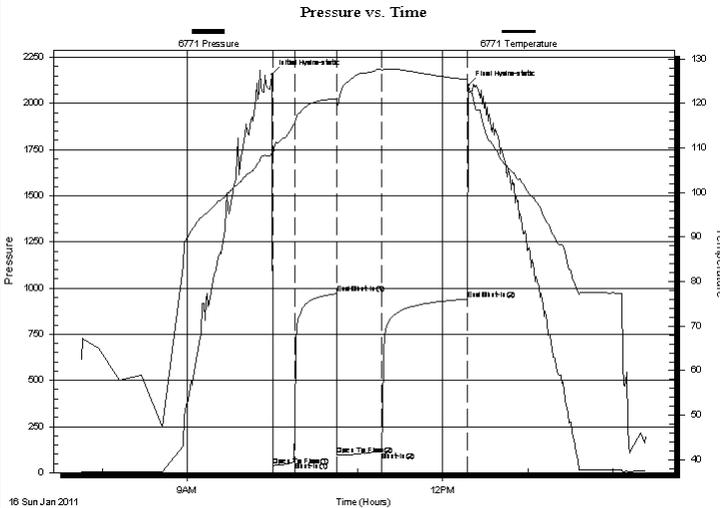
Serial #: 6771

Outside

Press @ Run Depth: 115.01 psig @ 4321.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.01.16 End Date: 2011.01.16 Last Calib.: 2011.01.16
 Start Time: 07:45:28 End Time: 14:23:28 Time On Btm: 2011.01.16 @ 09:59:43
 Time Off Btm: 2011.01.16 @ 12:18:13

TEST COMMENT: 4 1/4" in blow
 No return
 Bubble to open tool no blow (hammer union loose on head manifold)
 No return

PRESSURE SUMMARY



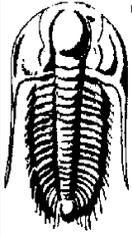
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.94	108.90	Initial Hydro-static
1	38.59	107.68	Open To Flow (1)
16	58.13	115.45	Shut-In(1)
46	969.24	120.92	End Shut-In(1)
46	98.22	120.01	Open To Flow (2)
77	115.01	127.49	Shut-In(2)
138	940.27	125.32	End Shut-In(2)
139	2097.73	122.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
113.00	water 100%w	0.56
44.00	m c w w/oil spots 35%m 65%w	0.62
1.00	free oil 100%o	0.01

Gas Rates

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



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Krehbiel #1-30

562 West State Rd 4
Olmitz , Ks

30-18s-30w Lane, Ks

Job Ticket: 041135

DST#: 3

ATTN: Vern Schrag

Test Start: 2011.01.16 @ 07:45:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28500 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
113.00	water 100%w	0.556
44.00	m c w w/oil spots 35%w 65%w	0.617
1.00	free oil 100%o	0.014

Total Length: 158.00 ft Total Volume: 1.187 bbl

Num Fluid Samples: 0

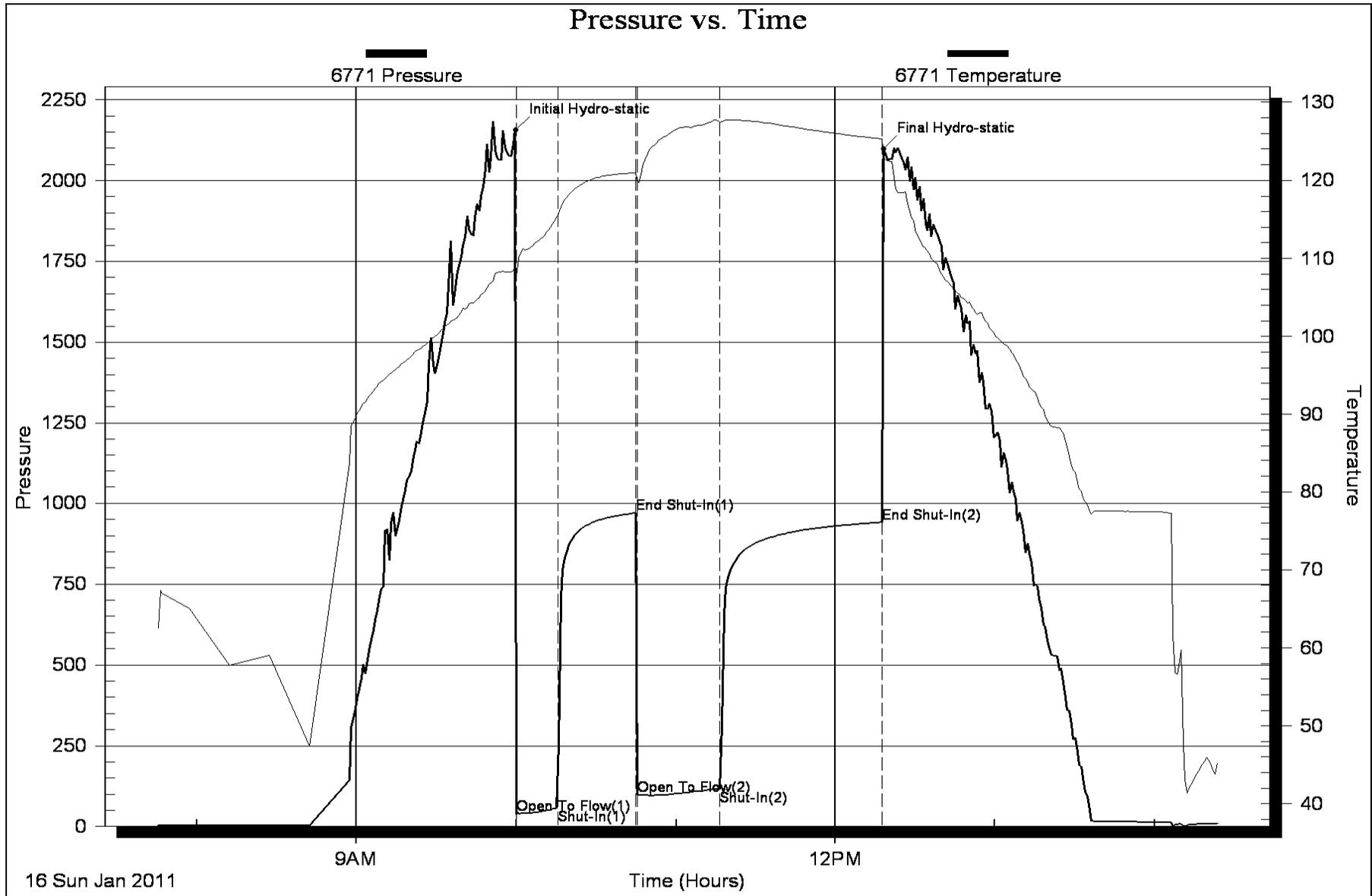
Num Gas Bombs: 0

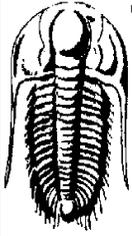
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .399 @ 52*f= 28,500 chlor





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Larson Engineering Inc
562 West State Rd 4
Olmitz, Ks
ATTN: Vern Schrag

Krehbiel #1-30
30-18s-30w Lane, Ks
Job Ticket: 041136 **DST#: 4**
Test Start: 2011.01.17 @ 18:30:35

GENERAL INFORMATION:

Formation: **Pawnee-Ft Scott-Cher**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:34:50

Time Test Ended: 00:30:20

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 4434.00 ft (KB) To 4565.00 ft (KB) (TVD)

Reference Elevations: 2912.00 ft (KB)

Total Depth: 4565.00 ft (KB) (TVD)

2905.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6771 Outside

Press @ RunDepth: 51.33 psig @ 4435.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.17 End Date: 2011.01.18

Last Calib.: 2011.01.18

Start Time: 18:30:35 End Time: 00:14:20

Time On Btm: 2011.01.17 @ 20:34:20

Time Off Btm: 2011.01.17 @ 22:07:05

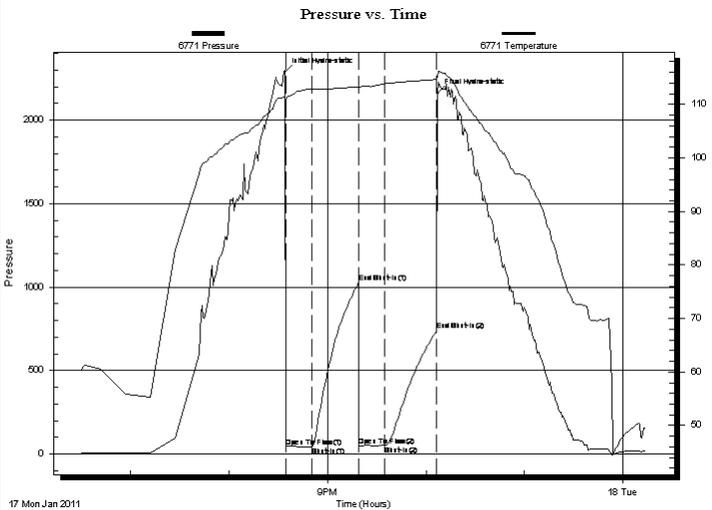
TEST COMMENT: 1/2+"in died back to 1/8" in

No return

No blow

No return

PRESSURE SUMMARY



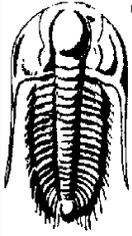
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2287.58	111.47	Initial Hydro-static
1	42.87	110.80	Open To Flow (1)
17	44.76	112.89	Shut-In(1)
45	1026.27	113.27	End Shut-In(1)
45	48.46	112.88	Open To Flow (2)
61	51.33	113.89	Shut-In(2)
93	739.65	114.68	End Shut-In(2)
93	2160.29	115.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

Gas Rates

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



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Larson Engineering Inc

Krehbiel #1-30

562 West State Rd 4
Olmitz , Ks

30-18s-30w Lane, Ks

Job Ticket: 041136

DST#: 4

ATTN: Vern Schrag

Test Start: 2011.01.17 @ 18:30:35

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

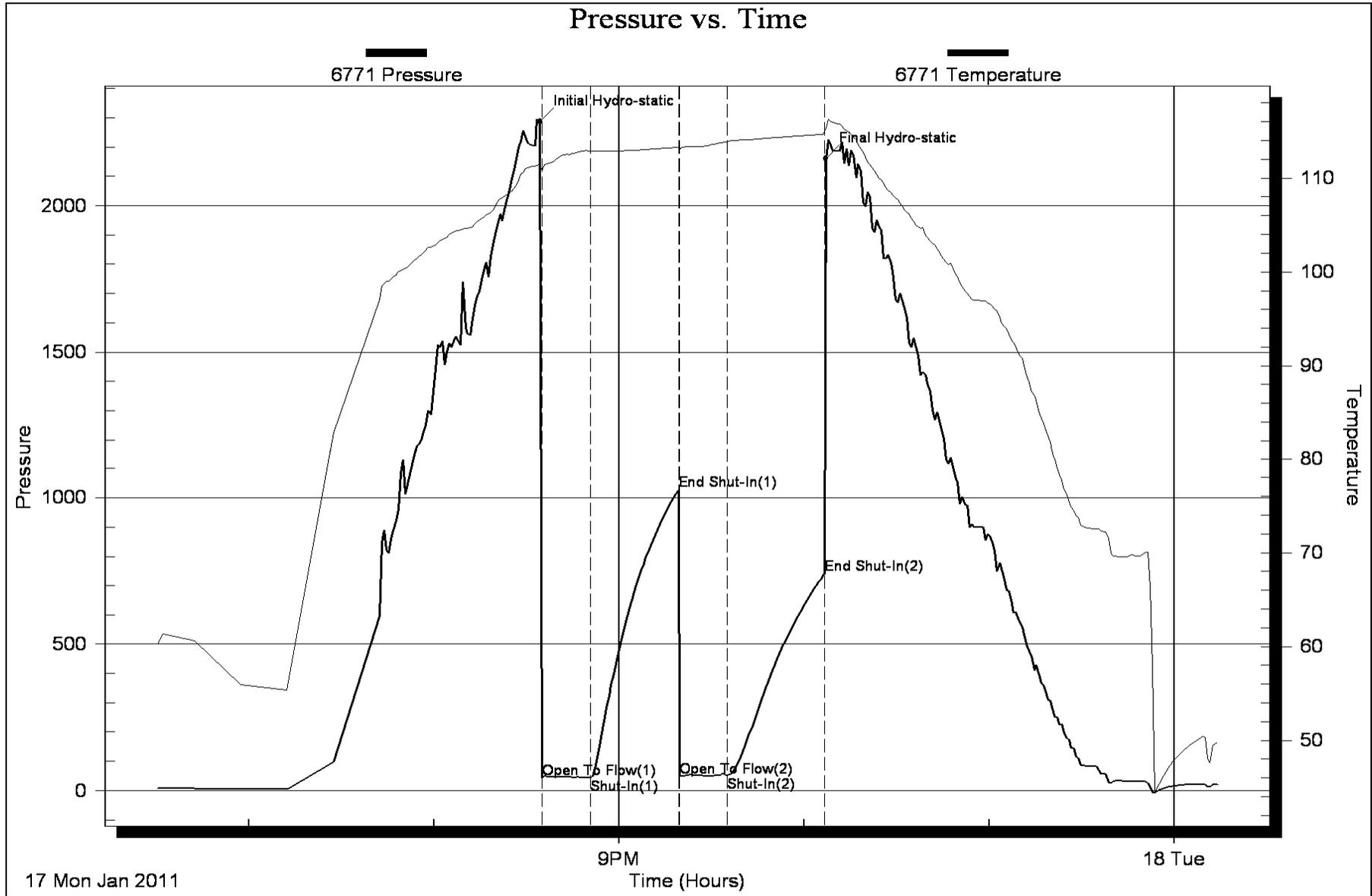
Num Gas Bombs: 0

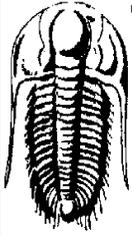
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering Inc
 562 West State Rd 4
 Olmitz, Ks
 ATTN: Vern Schrag

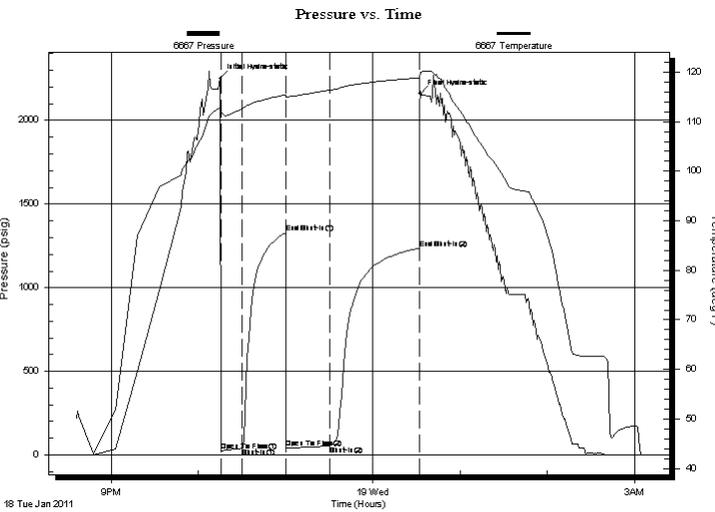
Krehbiel #1-30
30-18s-30w Lane, Ks
 Job Ticket: 041137 **DST#: 5**
 Test Start: 2011.01.18 @ 20:36:13

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:15:28
 Time Test Ended: 03:25:58
 Interval: **4424.00 ft (KB) To 4495.00 ft (KB) (TVD)**
 Total Depth: 4641.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle
 Tester: Shane McBride
 Unit No: 40
 Reference Elevations: 2912.00 ft (KB)
 2905.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6667 Inside
 Press @ Run Depth: 53.67 psig @ 4428.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.01.18 End Date: 2011.01.19 Last Calib.: 2011.01.19
 Start Time: 20:36:13 End Time: 03:04:58 Time On Btm: 2011.01.18 @ 22:14:58
 Time Off Btm: 2011.01.19 @ 00:32:43

TEST COMMENT: 1 3/4" in blow
 No return
 Weak surface blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.80	112.91	Initial Hydro-static
1	22.86	112.07	Open To Flow (1)
16	39.76	112.68	Shut-In(1)
45	1329.33	115.39	End Shut-In(1)
46	41.76	115.02	Open To Flow (2)
76	53.67	116.36	Shut-In(2)
137	1237.43	118.84	End Shut-In(2)
138	2160.59	119.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	w c m 45% w 55% m w /oil spots	0.32

Gas Rates

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



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FLUID SUMMARY

Larson Engineering Inc

Krehbiel #1-30

562 West State Rd 4
Olmitz , Ks

30-18s-30w Lane, Ks

Job Ticket: 041137

DST#: 5

ATTN: Vern Schrag

Test Start: 2011.01.18 @ 20:36:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	w c m 45%w 55%mw/oil spots	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

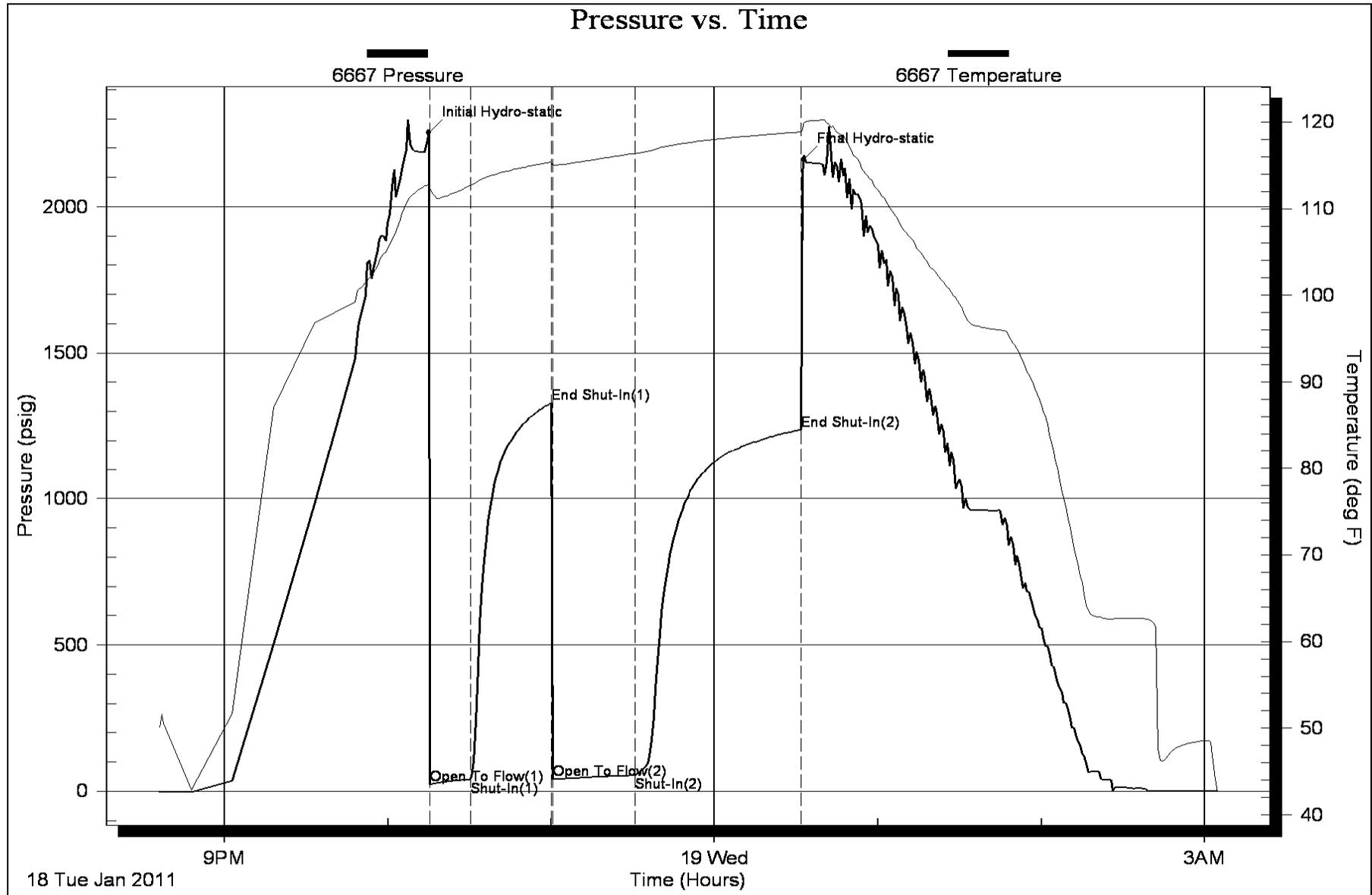
Num Gas Bombs: 0

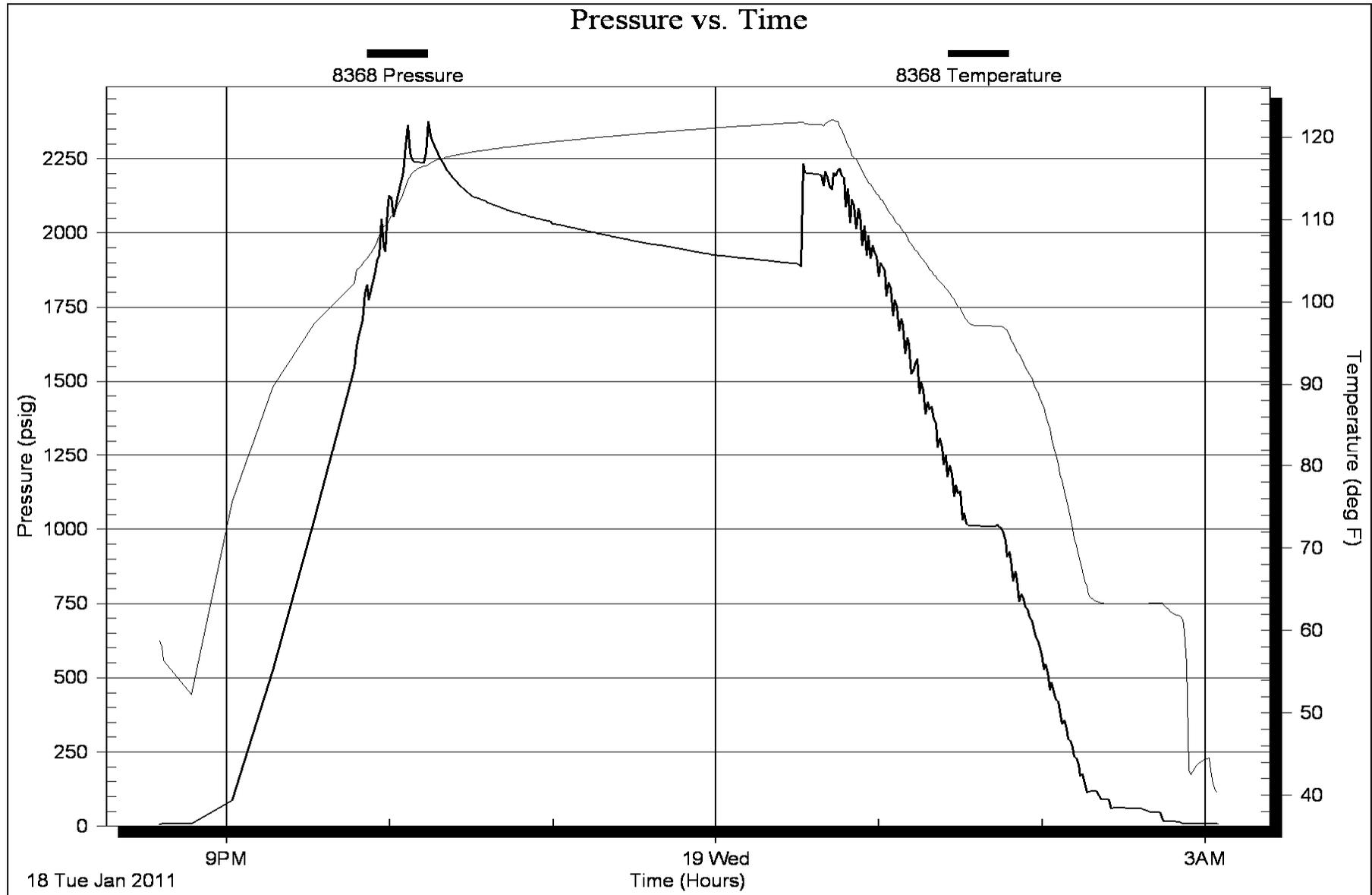
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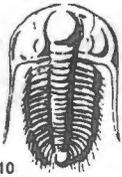
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .367 @ 45*f= 28,000 chlor







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JAN 26 2011

Test Ticket

NO. 041133 15313

Well Name & No. Krehbiel #1-30 Test No. #1 Date 1/14/11
 Company Larson Engineering, Inc Elevation 2912 KB 2905 GL
 Address 562 West State Rd # Ohm, Ks
 Co. Rep / Geo. Vern Shrag Rig H-D #3
 Location: Sec. 30 Twp. 18S Rge. 30W Co. Lane State Ks

Interval Tested 4135 4161 Zone Tested H
 Anchor Length 26 Drill Pipe Run 4024 Mud Wt. 9.5
 Top Packer Depth 4130 Drill Collars Run 113 H-90 Vis 43
 Bottom Packer Depth 4135 Wt. Pipe Run _____ WL 7.6
 Total Depth 4161 Chlorides 1400 ppm System LCM #1

Blow Description Weak blow died in 7 m.s.
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>2'</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2' BHT 116' Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2144</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>19:10</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:08</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:47</u>
(D) Initial Shut-In <u>834</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>00:17</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>02:30</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>26 RT 32.50</u>	Comments _____
(G) Final Shut-In <u>762</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2083</u>	<input type="checkbox"/> Straddle _____	

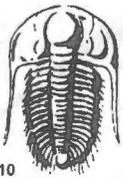
Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Ruined Shale Packer
 Ruined Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1582.50
 Total 1582.50
 MP/DST Disc't _____

Approved By Vern Shrag Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JAN 26 2011

Test Ticket

NO. 041134

Well Name & No. Krehbiel #1-30 BT. _____ Test No. #2 Date 1/15/11
 Company Larson Engineering Inc Elevation 2912 KB 2905 GL
 Address 562 West State Rd 4 Chmitz, KS
 Co. Rep / Geo. Wen Schrag Rig H.O. #3
 Location: Sec. 30 Twp. 18S Rge. 30W Co. Scott State KS

Interval Tested 4234 4250 Zone Tested K
 Anchor Length _____ Drill Pipe Run 4118 Mud Wt. 9.8
 Top Packer Depth 4229 Drill Collars Run 113' H-90 Vis 47
 Bottom Packer Depth 4234 Wt. Pipe Run _____ WL 7.6
 Total Depth 4250 Chlorides 2400 ppm System LCM #4/2

Blow Description B.O.B. in 3 m.w
No return
B.O.B. in 5+ m.w
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>150'</u>	<u>mcw</u>		<u>80</u>	<u>20</u>	
<u>1260'</u>	<u>water</u>		<u>100</u>		
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 1410' BHT 131° Gravity _____ API RW 289 @ 45 °F Chlorides 3700 ppm

(A) Initial Hydrostatic <u>2091</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>19100</u>
(B) First Initial Flow <u>70</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>19:45</u>
(C) First Final Flow <u>369</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>22:00</u>
(D) Initial Shut-In <u>818</u>	<input checked="" type="checkbox"/> Circ Sub <u>4/c</u>	T-Pulled <u>00:15</u>
(E) Second Initial Flow <u>392</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>03:40</u>
(F) Second Final Flow <u>661</u>	<input checked="" type="checkbox"/> Mileage <u>26AT 3250</u>	Comments _____
(G) Final Shut-In <u>821</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2030</u>	<input type="checkbox"/> Straddle _____	

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1582.50
 MP/DST Disc't _____

Approved By Jamon C Schrag Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JAN 26 2011

Test Ticket

NO. 041135

Well Name & No. Krehbiel #1-30 Test No. #3 Date 1/16/11
 Company Parson Engineering, Inc. Elevation 2912 KB 2905 GL
 Address 222 West State Rd 3/4 Minita, Ks
 Co. Rep / Geo. Don Schrag Rig H.D. #3
 Location: Sec. 30 Twp. 18S Rge. 30W Co. lane State Ks

Interval Tested 4320 4403 Zone Tested Mammoth
 Anchor Length 83 Drill Pipe Run 4210' Mud Wt. 9.2
 Top Packer Depth 4315 Drill Collars Run 113' H-90 Vis 53
 Bottom Packer Depth 4320 Wt. Pipe Run --- WL 7.2
 Total Depth 4403 Chlorides 2600 ppm System LCM #1
 Blow Description 4 1/4" blow

No return
Bubble to open tool, No blow. (hammer union on head manifold loose)
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1'</u>	<u>Free 0:1</u>				
<u>44'</u>	<u>mcw w/o:1 spots</u>		<u>spots</u>	<u>65</u>	<u>35</u>
<u>113'</u>	<u>water</u>			<u>100</u>	

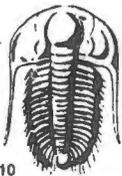
Rec Total 218' BHT 125° Gravity --- API RW 399 @ 52° F Chlorides 28,500 ppm

(A) Initial Hydrostatic <u>2155</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>07:10</u>
(B) First Initial Flow <u>38</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>07:45</u>
(C) First Final Flow <u>58</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>10:00</u>
(D) Initial Shut-In <u>969</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:15</u>
(E) Second Initial Flow <u>98</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:45</u>
(F) Second Final Flow <u>115</u>	<input checked="" type="checkbox"/> Mileage <u>218</u> <u>32.50</u>	Comments
(G) Final Shut-In <u>940</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2097</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250'</u>	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1832.50</u>
	Sub Total <u>1832.50</u>	MP/DST Disc't

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

Approved By Don Schrag Our Representative [Signature]

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TRILOBITE TESTING INC.

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RECEIVED
JAN 26 2011

Test Ticket

NO. 041136

17

Well Name & No. Krehbiel #1-30 Test No. #4 Date 1/18/11
 Company Parson Engineering Inc Elevation 2912 KB 2905 GL
 Address 562 West State Rd 4 Okmhz, Ks
 Co. Rep / Geo. Vern Schwag Rig H.D. #3
 Location: Sec. 30 Twp. 18S Rge. 30W Co. Lane State Ks

Interval Tested 4434 4565 Zone Tested Lawrence - Cher
 Anchor Length 131 Drill Pipe Run 4301' Mud Wt. 9.6
 Top Packer Depth 4429 Drill Collars Run 113" H-90" Vis 53
 Bottom Packer Depth 4434 Wt. Pipe Run --- WL 7.2
 Total Depth 4565 Chlorides 3800 ppm System LCM Ti

Blow Description 1/2" in died back to 1/8" in
No return
No blow
No return

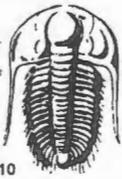
Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 115° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2287</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>17:50</u>
(B) First Initial Flow <u>42</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>18:30</u>
(C) First Final Flow <u>44</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>20:33</u>
(D) Initial Shut-In <u>1026</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>22:03</u>
(E) Second Initial Flow <u>48</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:30</u>
(F) Second Final Flow <u>51</u>	<input checked="" type="checkbox"/> Mileage <u>26 RT 32 50</u>	Comments
(G) Final Shut-In <u>739</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2160</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input checked="" type="checkbox"/> Shale Packer <u>250'</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1832.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1832.50</u>	

Approved By Vern Schwag Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JAN 26 2011

Test Ticket

NO. 041137

Well Name & No. Krehbiel #1-30 BY: _____ Test No. #5 Date 1/19/11
 Company Larson Engineering Inc Elevation 2912 KB 2905 GL _____
 Address 562 West State Rd 4 Okmütz, Ks
 Co. Rep / Geo. Verd Schrag Rig H.O. #3
 Location: Sec. 30 Twp. 18s Rge. 30w Co. Lane State Ks

Interval Tested 4424 4495 Zone Tested Marmaton
 Anchor Length _____ 71' Drill Pipe Run 4310' Mud Wt. 9.5
 Top Packer Depth 4419 4424 Drill Collars Run 113' H-90 Vis 52
 Bottom Packer Depth _____ 4495 Wt. Pipe Run _____ WL 8.0
 Total Depth _____ 4641 Chlorides 3800 ppm System LCM T

Blow Description 13/4" in blow
No return
Weak Surface blow
No return

Rec	Feet of	%gas	Spots	%oil	%water	%mud
<u>65'</u>	<u>wcm w/oil spots</u>			<u>45</u>	<u>55</u>	
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

Rec Total 65' BHT 119° Gravity _____ API RW 367 @ 45° F Chlorides 28000 ppm
 (A) Initial Hydrostatic 2251 Test 1225' T-On Location 19:50
 (B) First Initial Flow 22 Jars 250 T-Started 20:35
 (C) First Final Flow 39 Safety Joint 75 T-Open 22:15
 (D) Initial Shut-In 1329 Circ Sub N/C T-Pulled 00:30
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 03:25
 (F) Second Final Flow 53 Mileage 26RT 32.50 Comments _____
 (G) Final Shut-In 1237 Sampler _____
 (H) Final Hydrostatic 2160 Straddle 600' Ruined Shale Packer 280'
 Shale Packer 250 Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 280
 Final Flow 30 Day Standby _____ Total 2712.50
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____

Approved By Verd Schrag Sub Total 2432.50 Our Representative [Signature]

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