



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Wes Hansen

27-18s-34w Scott, KS

Z Carpenter Trust 1-2

Job Ticket: 43846

DST#: 1

Test Start: 2011.10.19 @ 01:15:05

GENERAL INFORMATION:

Formation: Lansing H

Deviated: No Whipstock ft (KB)

Time Tool Opened: 03:25:15

Time Test Ended: 08:05:29

Interval: 4260.00 ft (KB) To 4282.00 ft (KB) (TVD)

Total Depth: 4282.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 17.66 psig @ 4261.00 ft (KB)

Start Date: 2011.10.19

End Date: 2011.10.19

Start Time: 01:15:05

End Time: 08:05:29

Capacity: 8000.00 psig

Last Calib.: 2011.10.19

Time On Blm: 2011.10.19 @ 03:24:00

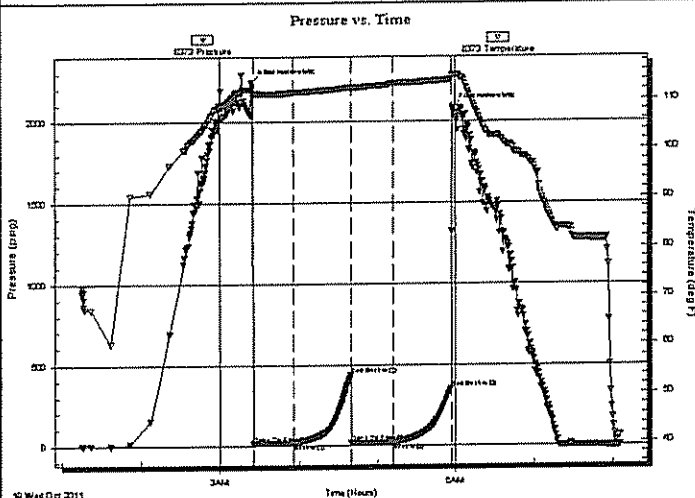
Time Off Blm: 2011.10.19 @ 05:57:44

TEST COMMENT: IF: Surface blow died in 8 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

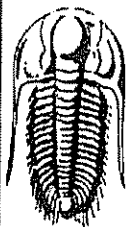
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2243.42	112.08	Initial Hydro-static
2	13.38	110.40	Open To Flow (1)
32	16.60	111.41	Shut-In(1)
76	438.38	112.44	End Shut-In(1)
77	16.50	112.10	Open To Flow (2)
108	17.66	113.29	Shut-In(2)
153	352.08	114.01	End Shut-In(2)
154	2084.45	114.98	Final Hydro-static

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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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z Carpenter Trust 1-2

Job Ticket: 43846

DST#: 1

ATTN: Wes Hansen

Test Start: 2011.10.19 @ 01:15:05

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:

0 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 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:

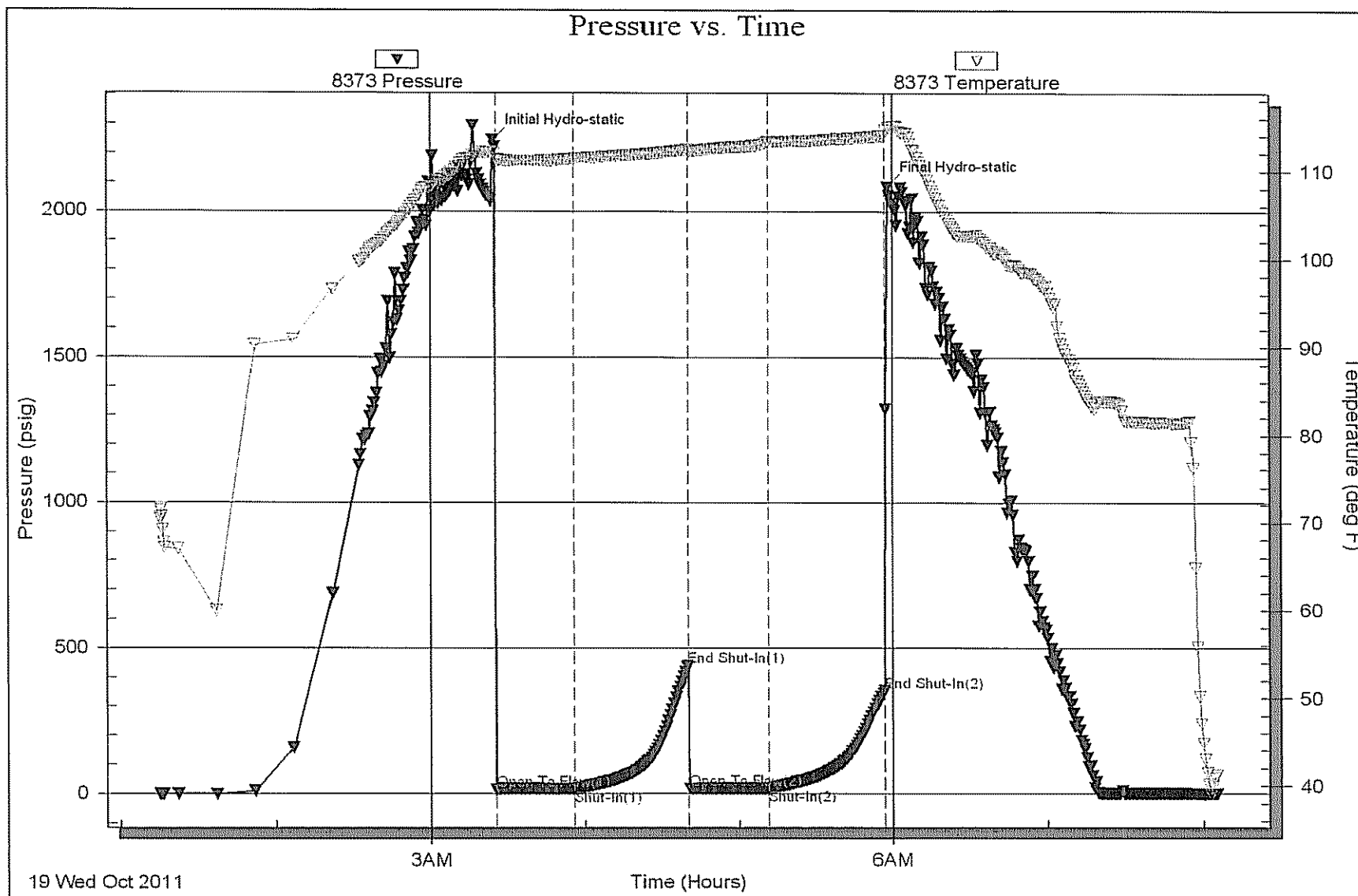
Serial #: 8373

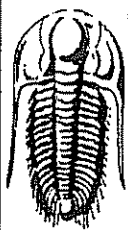
Inside

Lario Oil & Gas Company

Z Carpenter Trust 1-2

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Wes Hansen

27-18s-34w Scott, KS

Z Carpenter Trust 1-2

Job Ticket: 43847

DST#: 2

Test Start: 2011.10.19 @ 20:50:23

GENERAL INFORMATION:

Formation: Upper Lansing I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:18

Time Test Ended: 04:39:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Interval: 4309.00 ft (KB) To 4320.00 ft (KB) (TVD)

Total Depth: 4349.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 226.13 psig @ 4310.00 ft (KB)

Start Date: 2011.10.19

End Date:

2011.10.20

Start Time: 20:50:23

End Time:

04:39:02

Capacity: 8000.00 psig

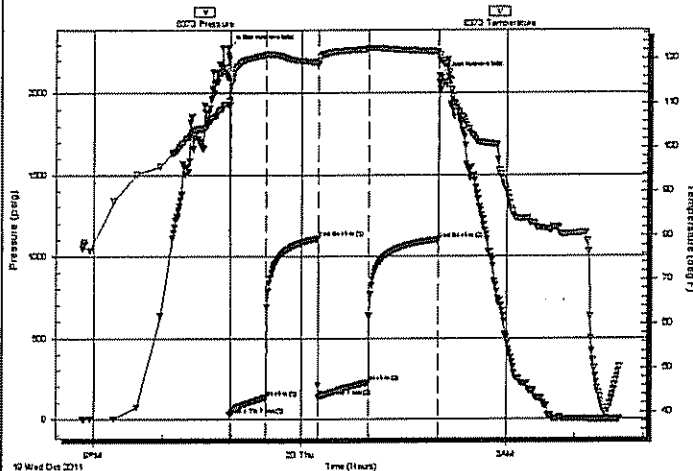
Last Calib.: 2011.10.20

Time On Btm: 2011.10.19 @ 22:56:33

Time Off Btm: 2011.10.20 @ 02:01:02

TEST COMMENT: IF: 1/4 blow BOB in 13 min.
IS: No return.
FF: 1/4 blow BOB in 20 min.
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2276.80	109.86	Initial Hydro-static
2	25.02	109.68	Open To Flow (1)
33	132.98	120.87	Shut-In(1)
78	1111.51	119.24	End Shut-In(1)
79	136.58	118.82	Open To Flow (2)
122	226.13	122.25	Shut-In(2)
184	1104.54	121.60	End Shut-In(2)
185	2109.52	120.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 95%w 5%m	0.62
124.00	mcw trace of oil 90%w 10%m	1.74
155.00	ocmw 5%o 65%w 30%m	2.17
76.00	mco 95%o 5%m	1.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Wes Hansen

27-18s-34w Scott, KS

Z Carpenter Trust 1-2

Job Ticket: 43847

DST#: 2

Test Start: 2011.10.19 @ 20:50:23

GENERAL INFORMATION:

Formation: Upper Lansing I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:18

Time Test Ended: 04:39:02

Interval: 4309.00 ft (KB) To 4320.00 ft (KB) (TVD)

Total Depth: 4349.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 226.13 psig @ 4310.00 ft (KB)

Start Date: 2011.10.19

End Date:

2011.10.20

Capacity: 8000.00 psig

Last Calib.: 2011.10.20

Start Time: 20:50:23

End Time:

04:39:02

Time On Blm: 2011.10.19 @ 22:56:33

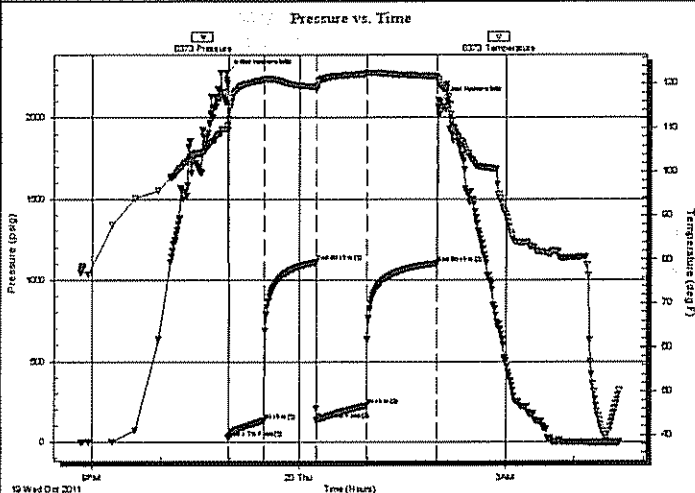
Time Off Blm: 2011.10.20 @ 02:01:02

TEST COMMENT: IF: 1/4 blow BOB in 13 min.

IS: No return.

FF: 1/4 blow BOB in 20 min.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2276.80	109.86	Initial Hydro-static
2	25.02	109.68	Open To Flow (1)
33	132.98	120.87	Shut-In(1)
78	1111.51	119.24	End Shut-In(1)
79	136.58	118.82	Open To Flow (2)
122	226.13	122.25	Shut-In(2)
184	1104.54	121.60	End Shut-In(2)
185	2109.52	120.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 95%w 5%m	0.62
124.00	mcw trace of oil 90%w 10%m	1.74
155.00	ocmw 5%o 65%w 30%m	2.17
76.00	mco 95%o 5%m	1.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z Carpenter Trust 1-2

Job Ticket: 43847

DST#: 2

ATTN: Wes Hansen

Test Start: 2011.10.19 @ 20:50:23

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 10.38 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 28 deg API

Water Salinity: 32000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 95%w 5%m	0.619
124.00	mcw trace of oil 90%w 10%m	1.739
155.00	ocmw 5%o 65%w 30%m	2.174
76.00	mco 95%o 5%m	1.066

Total Length: 479.00 ft Total Volume: 5.598 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 28@60=28

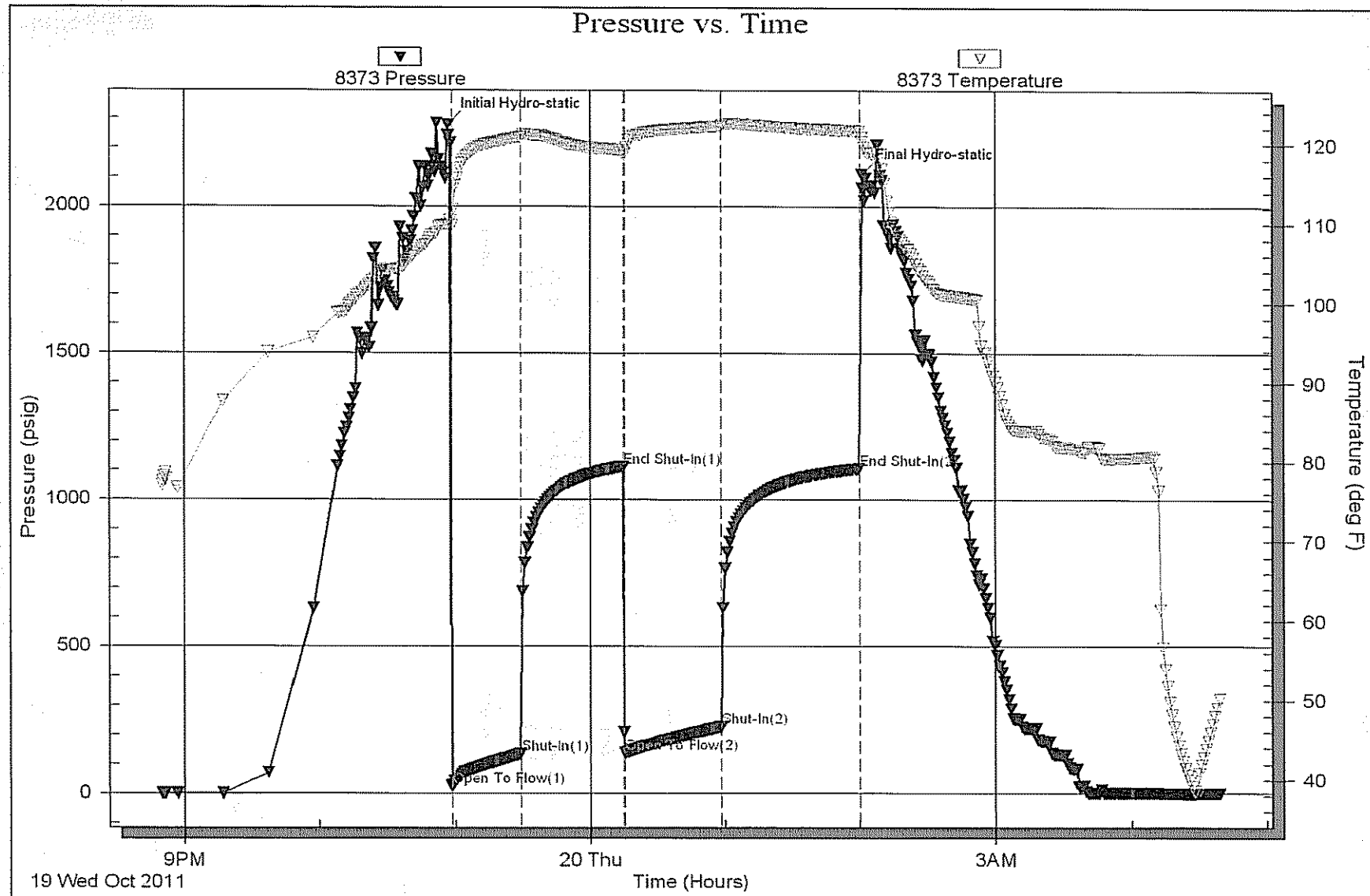
.41@38=32000

Serial #: 8373

Inside Lario Oil & Gas Company

Z CarpenterTrust 1-2

DST Test Number: 2

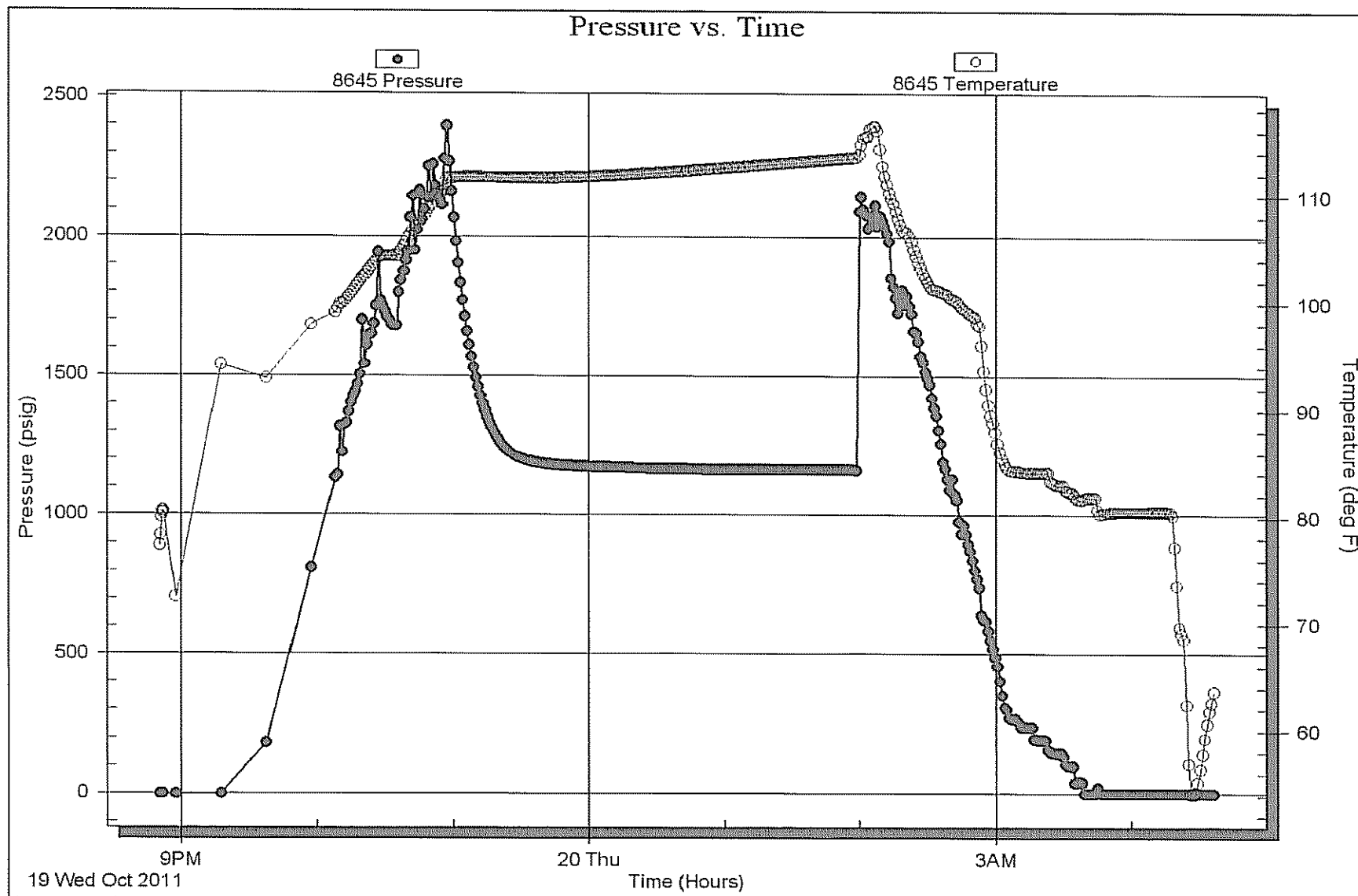


Serial #: 8645

Below (Straddle) Oil & Gas Company

Z Carpenter Trust 1-2

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Wes Hansen

27-18s-34w Scott, KS

Z Carpenter Trust 1-2

Job Ticket: 43848

DST#: 3

Test Start: 2011.10.20 @ 05:20:25

GENERAL INFORMATION:

Formation: Lansing J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:34:35

Time Test Ended: 12:53:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Interval: 4338.00 ft (KB) To 4349.00 ft (KB) (TVD)

Total Depth: 4349.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 454.54 psig @ 4339.00 ft (KB)

Start Date: 2011.10.20

End Date:

2011.10.20

Start Time: 05:20:25

End Time:

12:53:04

Capacity: 8000.00 psig

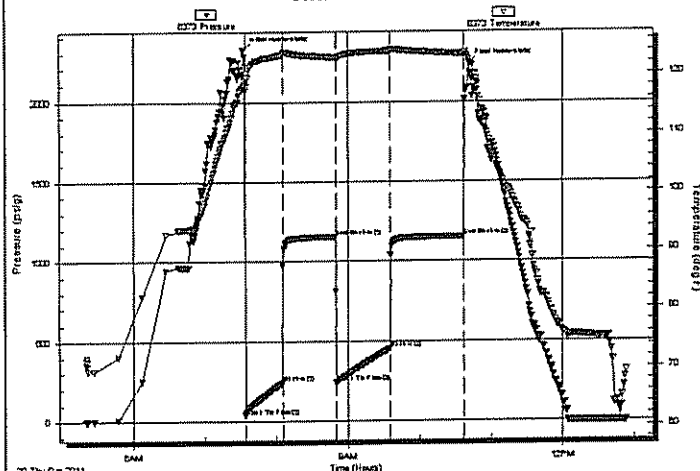
Last Calib.: 2011.10.20

Time On Btm: 2011.10.20 @ 07:32:35

Time Off Btm: 2011.10.20 @ 10:40:34

TEST COMMENT: IF: 1/4 blow BOB in 7 min.
IS: No return.
FF: 1/4 blow BOB in 13 min.
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.37	117.53	Initial Hydro-static
2	33.95	117.11	Open To Flow (1)
33	240.55	123.30	Shut-In(1)
77	1153.53	122.79	End Shut-In(1)
78	240.59	122.43	Open To Flow (2)
123	454.54	123.90	Shut-In(2)
185	1153.23	123.37	End Shut-In(2)
188	2235.82	122.42	Final Hydro-static

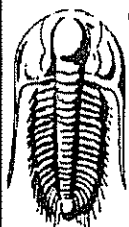
Recovery

Length (ft)	Description	Volume (bbl)
434.00	water 100%w	4.97
310.00	mcw 95%w 5%m	4.35
226.00	mcw 80%w 20%m	3.17

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z Carpenter Trust 1-2

Job Ticket: 43848

DST#: 3

ATTN: Wes Hansen

Test Start: 2011.10.20 @ 05:20:25

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:

29000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	water 100%w	4.967
310.00	mcw 95%w 5%m	4.348
226.00	mcw 80%w 20%m	3.170

Total Length: 970.00 ft

Total Volume: 12.485 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .28@60=29000

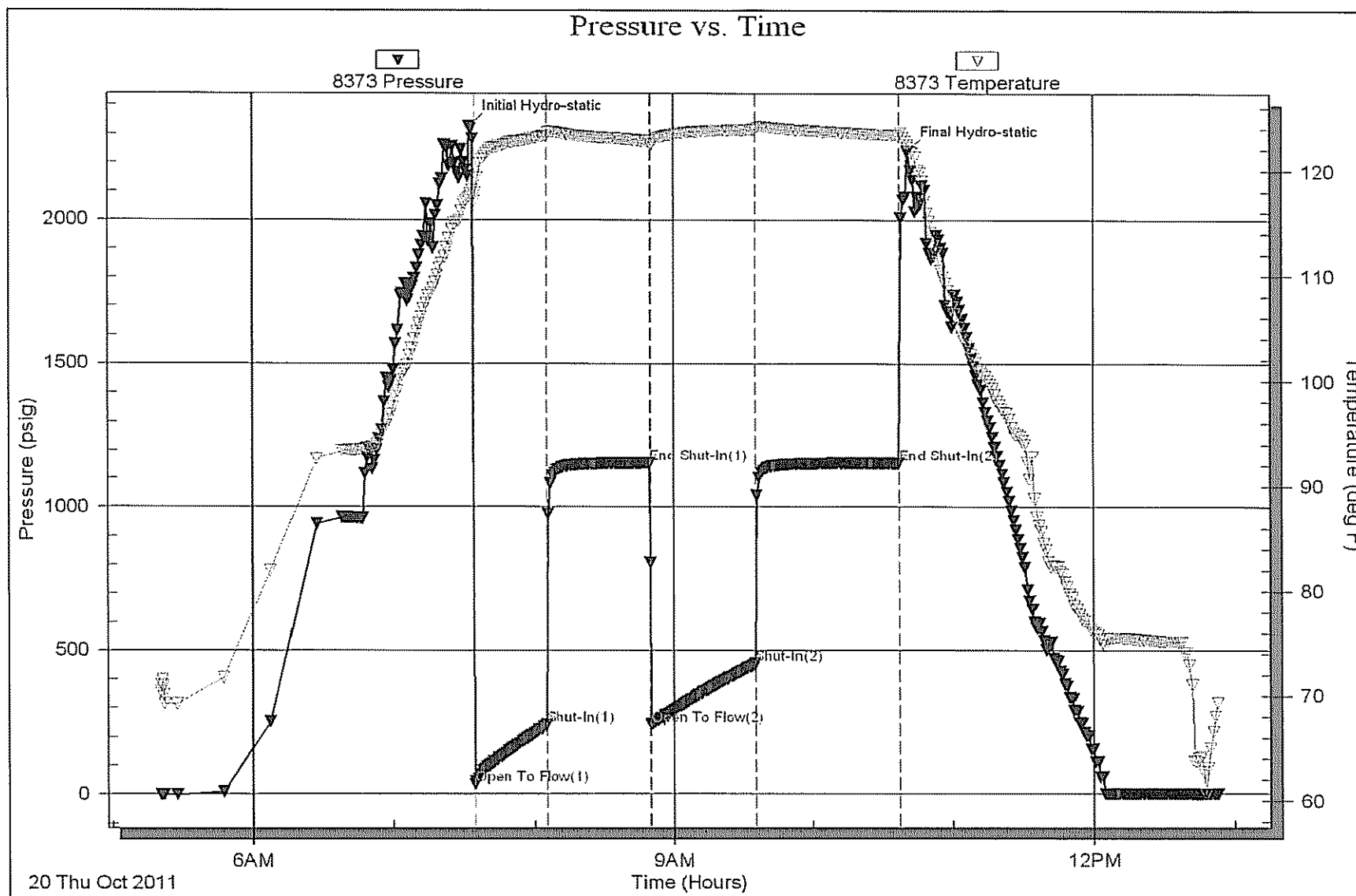
Serial #: 8373

Inside

Lario Oil & Gas Company

Z Carpenter Trust 1-2

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market
Wichita, KS 67202

ATTN: Wes Hansen

27-18s-34w Scott, KS

Z Carpenter Trust 1-2

Job Ticket: 43849

DST#: 4

Test Start: 2011.10.21 @ 12:45:16

GENERAL INFORMATION:

Formation: Maramaton A&B

Deviated: No Whipstock ft (KB)

Time Tool Opened: 14:48:56

Time Test Ended: 19:05:10

Interval: 4529.00 ft (KB) To 4570.00 ft (KB) (TVD)

Total Depth: 4570.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373 Inside

Press@RunDepth: 33.46 psig @ 4530.00 ft (KB)

Start Date: 2011.10.21 End Date: 2011.10.21

Start Time: 12:45:16 End Time: 19:05:10

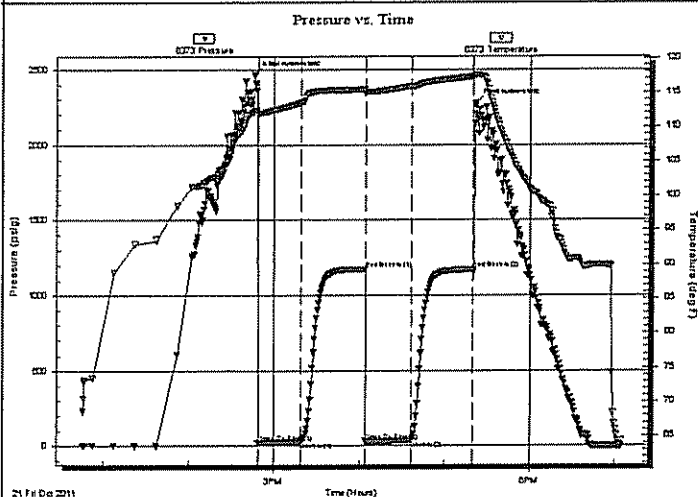
Capacity: 8000.00 psig

Last Calib.: 2011.10.21

Time On Blmt: 2011.10.21 @ 14:46:26

Time Off Blmt: 2011.10.21 @ 17:21:40

TEST COMMENT: IF: Surface blow died in 5 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2468.92	112.11	Initial Hydro-static
3	20.88	111.64	Open To Flow (1)
33	28.96	113.48	Shut-In(1)
78	1174.21	115.47	End Shut-In(1)
78	30.38	114.83	Open To Flow (2)
111	33.46	115.81	Shut-In(2)
154	1172.87	117.28	End Shut-In(2)
156	2276.94	117.55	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z CarpenterTrust 1-2

Job Ticket: 43849

DST#: 4

ATTN: Wes Hansen

Test Start: 2011.10.21 @ 12:45:16

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%r	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:

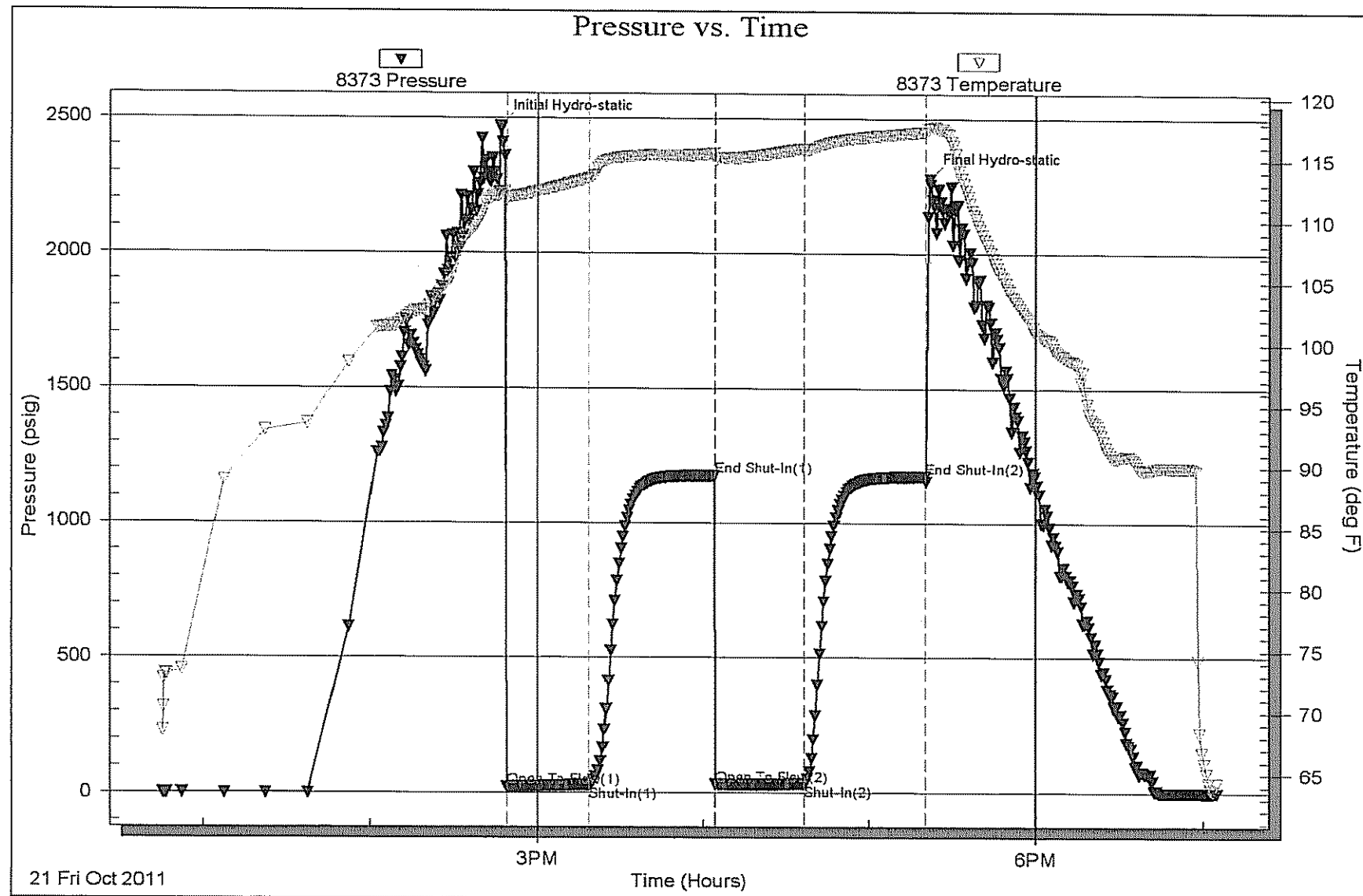
Serial #: 8373

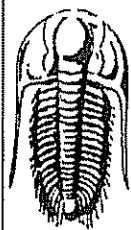
Inside

Lario Oil & Gas Company

Z CarpenterTrust 1-2

DST Test Number: 4





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z Carpenter Trust 1-2

Job Ticket: 43850

DST#: 5

ATTN: Wes Hansen

Test Start: 2011.10.22 @ 09:52:55

GENERAL INFORMATION:

Formation: Pawnee/ Ft Scott

Deviated: No Whipstock ft (KB)

Time Tool Opened: 11:44:20

Time Test Ended: 16:02:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 35

Interval: 4598.00 ft (KB) To 4650.00 ft (KB) (TVD)

Total Depth: 4650.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3126.00 ft (KB)

3121.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 22.09 psig @ 4599.00 ft (KB)

Start Date: 2011.10.22

End Date:

2011.10.22

Capacity: 8000.00 psig

Last Calib.: 2011.10.22

Start Time: 09:52:55

End Time:

16:02:04

Time On Blm: 2011.10.22 @ 11:43:05

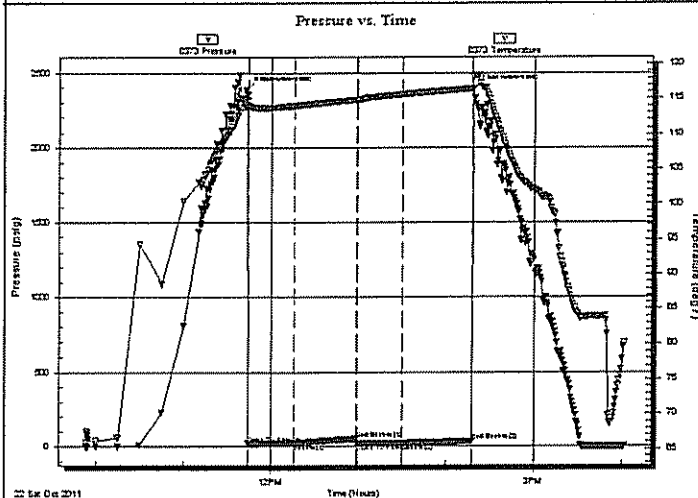
Time Off Blm: 2011.10.22 @ 14:18:19

TEST COMMENT: IF: Surface blow died in 8 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2386.64	114.74	Initial Hydro-static
2	18.16	114.09	Open To Flow (1)
33	20.06	113.92	Shut-In(1)
76	49.71	114.82	End Shut-In(1)
77	19.44	114.81	Open To Flow (2)
107	22.09	115.58	Shut-In(2)
154	34.11	116.42	End Shut-In(2)
156	2394.45	118.12	Final Hydro-static

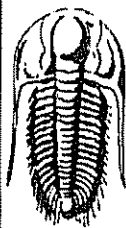
Recovery

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

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

27-18s-34w Scott, KS

301 S. Market
Wichita, KS 67202

Z Carpenter Trust 1-2

Job Ticket: 43850

DST#: 5

ATTN: Wes Hansen

Test Start: 2011.10.22 @ 09:52:55

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 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:

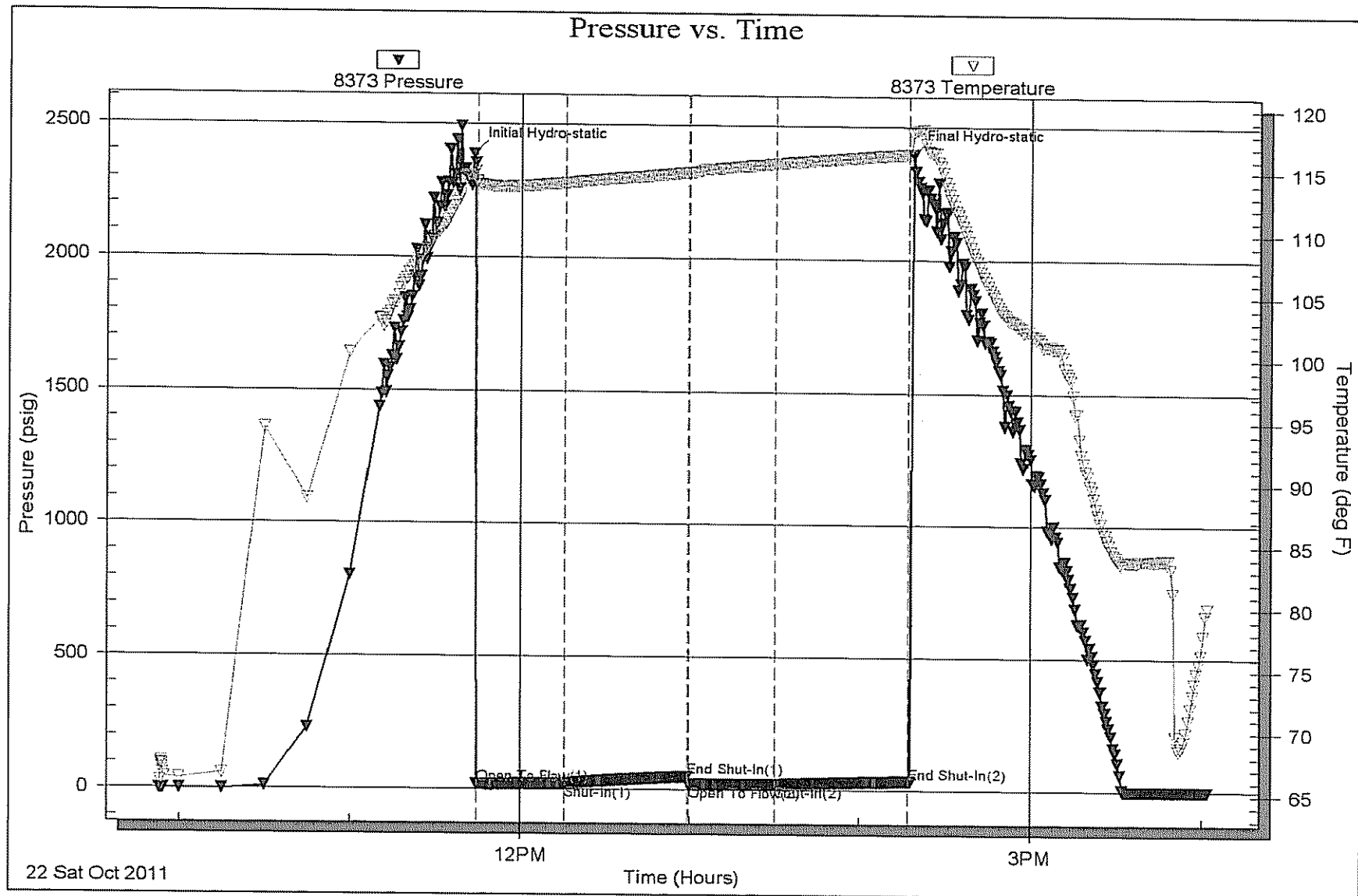
Recovery Comments:

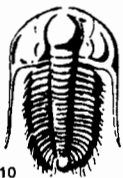
Serial #: 8373

Inside Lario Oil & Gas Company

Z Carpenter Trust 1-2

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43846 16510

Well Name & No. 2 Carpenter trust 01-27 Test No. 1 Date 10-19-11
 Company Lario Oil & Gas Company Elevation 3126 KB 3121 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Wes Hansen Rig WW #2
 Location: Sec. 27 Twp. 18S Rge. 34W Co. Scott State KS

Interval Tested 4260 4282 Zone Tested Lansing H
 Anchor Length 22 Drill Pipe Run 4132 Mud Wt. 9.2
 Top Packer Depth 4255 Drill Collars Run 123 Vis 68
 Bottom Packer Depth 4260 Wt. Pipe Run — WL 10.4
 Total Depth 4282 Chlorides 6000 ppm System LCM 4

Blow Description IF! Surface blow died in 8 min.

FS! No return.

FF! No blow.

FS! 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 114 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2243
 (B) First Initial Flow 13
 (C) First Final Flow 16
 (D) Initial Shut-In 438
 (E) Second Initial Flow 16
 (F) Second Final Flow 17
 (G) Final Shut-In 352
 (H) Final Hydrostatic 2084

☒ Test 1225
☒ Jars 250
☒ Safety Joint 75
☒ Circ Sub N/L
☐ Hourly Standby
☒ Mileage 28 RT 39.20

T-On Location 00:40
 T-Started 1:15
 T-Open 3:25
 T-Pulled 5:55
 T-Out 8:10

Comments

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45

☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

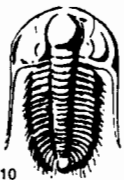
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☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1589.20
 MP/DST Disc't

Sub Total 1589.20

Approved By Wes Hansen

Our Representative

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43847

Well Name & No. 2 carpenter trust 427 Test No. 2 Date 10-19-11
 Company L&M Oil & Gas Elevation 3126 KB 3121 GL
 Address 301 S. Market Wichita, KS 67202
 Co. Rep / Geo. Wes Hansen Rig NW#2
 Location: Sec. 27 Twp. 18S Rge. 34W Co. Scott State KS

Interval Tested 4309 4320 Zone Tested upper Lansing I
 Anchor Length 11 Drill Pipe Run 4164 Mud Wt. 9.3
 Top Packer Depth 4309 Drill Collars Run 123 Vis 62
 Bottom Packer Depth 4320 Wt. Pipe Run — WL 10.4
 Total Depth 4349 Chlorides 8000 ppm System LCM 2
 Blow Description IF: 1/4 blow BoB in 13 min.
IS: No return,
FF: 1/4 blow BoB in 20 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>76</u>	<u>MCO</u>	<u>95</u>	<u>5</u>	<u>5</u>	<u>5</u>
<u>155</u>	<u>ocmw</u>	<u>5</u>	<u>65</u>	<u>30</u>	<u>5</u>
<u>124</u>	<u>mcw trace of oil</u>	<u>90</u>	<u>10</u>	<u>5</u>	<u>5</u>
<u>124</u>	<u>mcw</u>	<u>95</u>	<u>5</u>	<u>5</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 479 BHT 122 Gravity 28 API RW 41 @ 38 °F Chlorides 32,000 ppm

(A) Initial Hydrostatic 2276
 (B) First Initial Flow 25
 (C) First Final Flow 132
 (D) Initial Shut-In 1111
 (E) Second Initial Flow 136
 (F) Second Final Flow 226
 (G) Final Shut-In 1104
 (H) Final Hydrostatic 2169

☒ Test 1225
☒ Jars 250
☒ Safety Joint 75
☒ Circ Sub N/C
☐ Hourly Standby
☒ Mileage 28 - 39.20
☐ Sampler
☒ Straddle 600.00

T-On Location 20:20
 T-Started 20:50
 T-Open 22:57
 T-Pulled 1:57
 T-Out 4:40

Comments

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 2189.20

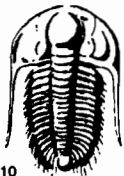
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 2189.20
 MP/DST Disc't

Approved By Wesley Hansen

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8645



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43848

Well Name & No. 2 carpenter trust 1-27 Test No. 3 Date 10-20-11
 Company Lario Oil & Gas Elevation 3126 KB 3121 GL
 Address _____
 Co. Rep / Geo. Wes Hansen Rig WW#2
 Location: Sec. 27 Twp. 18S Rge. 34W Co. Scott State KS

Interval Tested 4338 4349 Zone Tested Lensing J
 Anchor Length 11 Drill Pipe Run 4195 Mud Wt. 9.3
 Top Packer Depth 4333 Drill Collars Run 123 Vis 62
 Bottom Packer Depth 4338 Wt. Pipe Run — WL 10.4
 Total Depth 4349 Chlorides 8000 ppm System LCM 2
 Blow Description IF: 1/4 blow BoB in 7 min.
IS: No return.
FF: 1/4 blow BoB in 13 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>226</u>	<u>MW</u>		<u>80</u>	<u>20</u>	
<u>310</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
<u>434</u>	<u>water</u>		<u>100</u>		
____	____				
____	____				

Rec Total 970 BHT 123 Gravity — API RW .28 @ 60 °F Chlorides 29,000 ppm

(A) Initial Hydrostatic <u>2324</u>	☒ Test <u>1225</u>	T-On Location <u>8:20 P.M 10-19</u>
(B) First Initial Flow <u>33</u>	☒ Jars <u>250</u>	T-Started <u>5:20</u>
(C) First Final Flow <u>240</u>	☒ Safety Joint <u>75</u>	T-Open <u>7:33</u>
(D) Initial Shut-In <u>1153</u>	☒ Circ Sub <u>N/C</u>	T-Pulled <u>10:33</u>
(E) Second Initial Flow <u>240</u>	☐ Hourly Standby	T-Out <u>12:55</u>
(F) Second Final Flow <u>454</u>	☒ Mileage <u>28</u>	Comments _____
(G) Final Shut-In <u>1153</u>	☐ Sampler	
(H) Final Hydrostatic <u>2235</u>	☐ Straddle	

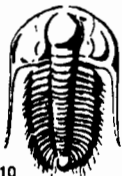
Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

☐ Ruined Shale Packer
☒ Ruined Packer 320
☐ Extra Copies
 Sub Total 320
 Total 1870
 MP/DST Disc't _____
 Sub Total 1550

Approved By Wes Hansen

Our Representative [Signature]

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**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43849

Well Name & No. Z Garpenter trust 1-27 Test No. 4 Date 10-21-11
Company Lario Oil & Gas Elevation 3126 KB 3121 GL
Address _____
Co. Rep / Geo. West Hansen Rig 44 #2
Location: Sec. 27 Twp. 18S Rge. 34W Co. Scott State KS

Interval Tested 4529 4570 Zone Tested Murphyton A & B
Anchor Length 41 Drill Pipe Run 4382 Mud Wt. 9.5
Top Packer Depth 4524 Drill Collars Run 123 Vis 60
Bottom Packer Depth 4529 Wt. Pipe Run _____ WL 12.0
Total Depth 4570 Chlorides 11,000 ppm System LCM 1

Blow Description IF: Surface blow died in 5 min.
IS: No return.
FF: No blow.
FS: 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 117 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2468
(B) First Initial Flow 20
(C) First Final Flow 28
(D) Initial Shut-In 1174
(E) Second Initial Flow 30
(F) Second Final Flow 33
(G) Final Shut-In 1172
(H) Final Hydrostatic 2276

☒ Test 1225-
☒ Jars 250-
☒ Safety Joint 75'
☒ Circ Sub N/C
☐ Hourly Standby _____
☒ Mileage 28 Rt 39.20

T-On Location 12:00
T-Started 12:45
T-Open 14:49
T-Pulled 17:19
T-Out 19:05

Comments _____

Initial Open 30
Initial Shut-In 45
Final Flow 30
Final Shut-In 45

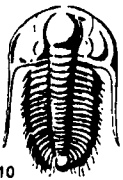
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 0
Total 1589.20
MP/DST Disc't _____

Approved By Wesley Hansen

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

No. 43850

Well Name & No. 2 Carpenter trust 1-27 Test No. 5 Date 10-22-11
 Company Lario oil & Gas Elevation 3126 KB 3121 GL
 Address _____
 Co. Rep / Geo. Wes Hansen Rig WW #2
 Location: Sec. 27 Twp. 18S Rge. 34W Co. Scott State KS

Interval Tested 4598 4650 Zone Tested Prwnee / Ft. Scott
 Anchor Length 52 Drill Pipe Run 4477 Mud Wt. 7.4
 Top Packer Depth 4593 Drill Collars Run 123 Vis 53
 Bottom Packer Depth 4598 Wt. Pipe Run — WL 10.4
 Total Depth 4650 Chlorides 8000 ppm System LCM 2

Blow Description IF: Surface blow died in 4 min.
IS: No return.
FF: No blow.
FS: 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 116 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>2386</u>	☒ Test	<u>1225</u>	T-On Location	<u>8:55</u>
(B) First Initial Flow	<u>18</u>	☒ Jars	<u>250</u>	T-Started	<u>9:52</u>
(C) First Final Flow	<u>20</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>11:43</u>
(D) Initial Shut-In	<u>49</u>	☒ Circ Sub	<u>N/C</u>	T-Pulled	<u>14:13</u>
(E) Second Initial Flow	<u>19</u>	☐ Hourly Standby		T-Out	<u>16:05</u>
(F) Second Final Flow	<u>22</u>	☒ Mileage	<u>28 - 39.20</u>	Comments	
(G) Final Shut-In	<u>34</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2394</u>	☐ Straddle			

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1589.20

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1589.20
 MP/DST Disc't _____

Approved By Wes Hansen

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