



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

5-19s-31w

301 S Market St
Wichita KS 67202

Stephens # 1-5

Job Ticket: 44979

DST#: 2

ATTN: Brad Rine

Test Start: 2011.12.13 @ 14:43:00

GENERAL INFORMATION:

Formation: **Marmaton "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:39:45

Time Test Ended: 23:31:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 55

Interval: 4306.00 ft (KB) To 4350.00 ft (KB) (TVD)

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press@RunDepth: 358.73 psig @ 4307.00 ft (KB)

Start Date: 2011.12.13

End Date:

2011.12.13

Capacity: 8000.00 psig

Last Calib.: 2011.12.14

Start Time: 14:43:00

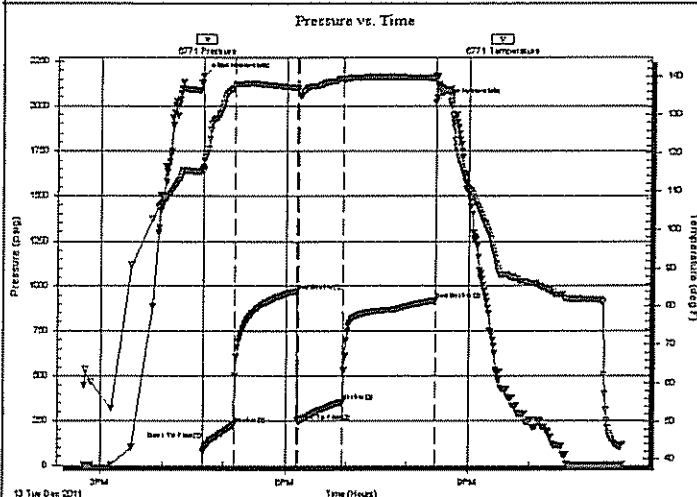
End Time:

23:31:15

Time On Blm: 2011.12.13 @ 16:39:30

Time Off Blm: 2011.12.13 @ 20:27:45

TEST COMMENT: IF- BOB in 3min
IS- Surface Blow Built to 5 1/4" Died Back to 2 3/4"
FF- BOB in 7min
FS- Weak Surface Blow Built to 1 1/2" Died in 32min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.83	116.23	Initial Hydro-static
1	76.39	115.47	Open To Flow (1)
31	227.89	137.06	Shut-In(1)
92	972.15	136.90	End Shut-In(1)
93	245.02	135.84	Open To Flow (2)
138	358.73	139.40	Shut-In(2)
228	919.94	139.60	End Shut-In(2)
229	2020.72	140.31	Final Hydro-static

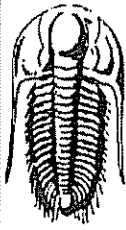
Recovery

Length (ft)	Description	Volume (bbl)
144.00	GO 5%g 95%oil	0.90
186.00	GOWCM 10%g 10%oil 20%w 60%m	2.61
248.00	MGCO 15%m 30%g 55%oil	3.48
310.00	MGCO 15%m 20%g 65%oil	4.35
0.00	1962' of GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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FLUID SUMMARY

Lario Oil & Gas
301 S Market St
Wichita KS 67202

ATTN: Brad Rine

5-19s-31w
Stephens # 1-5
Job Ticket: 44979 DST#: 2
Test Start: 2011.12.13 @ 14:43:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 6.40 in³
Resistivity: ohm.m
Salinity: 2800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 35 deg API
Water Salinity: 23000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	GO 5%g 95%oil	0.899
186.00	GOWCM 10%g 10%oil 20%w 60%m	2.609
248.00	MGCO 15%m 30%g 55%oil	3.479
310.00	MGCO 15%m 20%g 65%oil	4.348
0.00	1962' of GIP	0.000

Total Length: 888.00 ft Total Volume: 11.335 bbl

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

Laboratory Name: Laboratory Location:

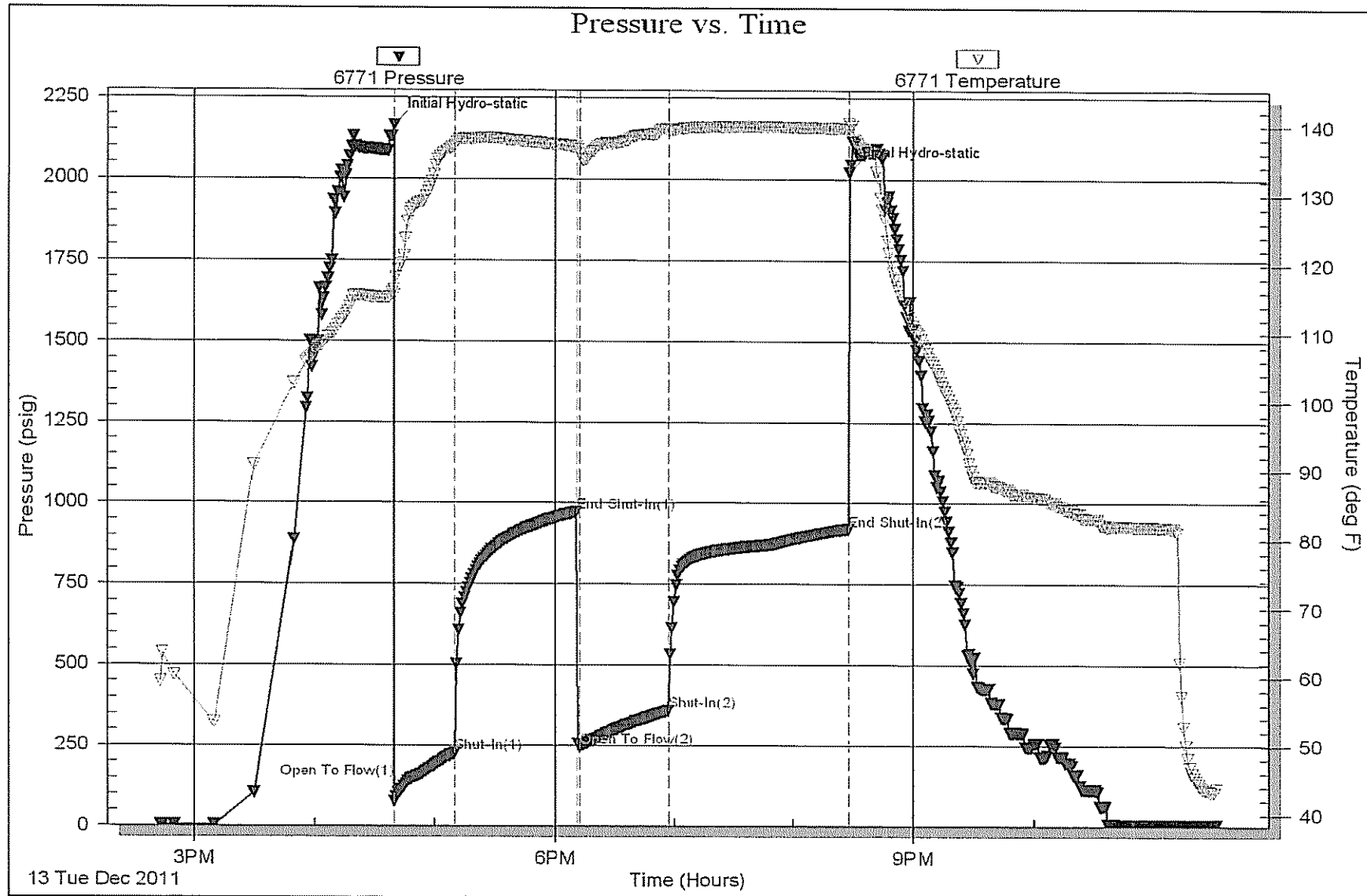
Recovery Comments: API is 35 @ 60f = 35
RW is .437 @ 51f = 23000

Serial #: 6771

Outside Lario Oil & Gas

Stephens # 1-5

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S Market St
Wichita KS 67202
ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens # 1-5

Job Ticket: 44980

DST#: 3

Test Start: 2011.12.14 @ 09:35:00

GENERAL INFORMATION:

Formation: Marmaton "B"

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 11:23:00

Time Test Ended: 15:55:00

Interval: 4363.00 ft (KB) To 4394.00 ft (KB) (TVD)

Total Depth: 4394.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 55

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771

Outside

Press@RunDepth: 27.03 psig @ 4364.00 ft (KB)

Start Date: 2011.12.14

End Date:

2011.12.14

Start Time: 09:35:00

End Time:

15:55:00

Capacity: 8000.00 psig

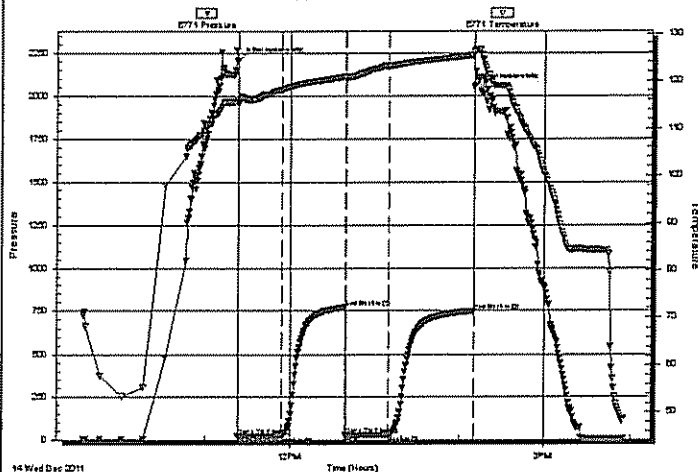
Last Calib.: 2011.12.14

Time On Blmt: 2011.12.14 @ 11:22:45

Time Off Blmt: 2011.12.14 @ 14:10:15

TEST COMMENT: IF- Weak Surface Blow
IS- No Blow
FF- No Blow
FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2206.11	115.94	Initial Hydro-static
1	19.32	115.36	Open To Flow (1)
31	22.44	117.97	Shut-In(1)
76	770.12	120.85	End Shut-In(1)
77	24.62	120.60	Open To Flow (2)
107	27.03	123.06	Shut-In(2)
168	747.20	125.40	End Shut-In(2)
168	2048.71	126.04	Final Hydro-static

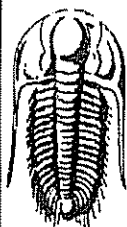
Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% m with Few Oil Spots	0.05

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas
301 S Market St
Wichita KS 67202

ATTN: Brad Rine

5-19s-31w Scott, Ks
Stephens # 1-5
Job Ticket: 44980 DST#: 3
Test Start: 2011.12.14 @ 09:35:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 7.94 in³
Resistivity: ohm.m
Salinity: 3400.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% m with Few Oil Spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

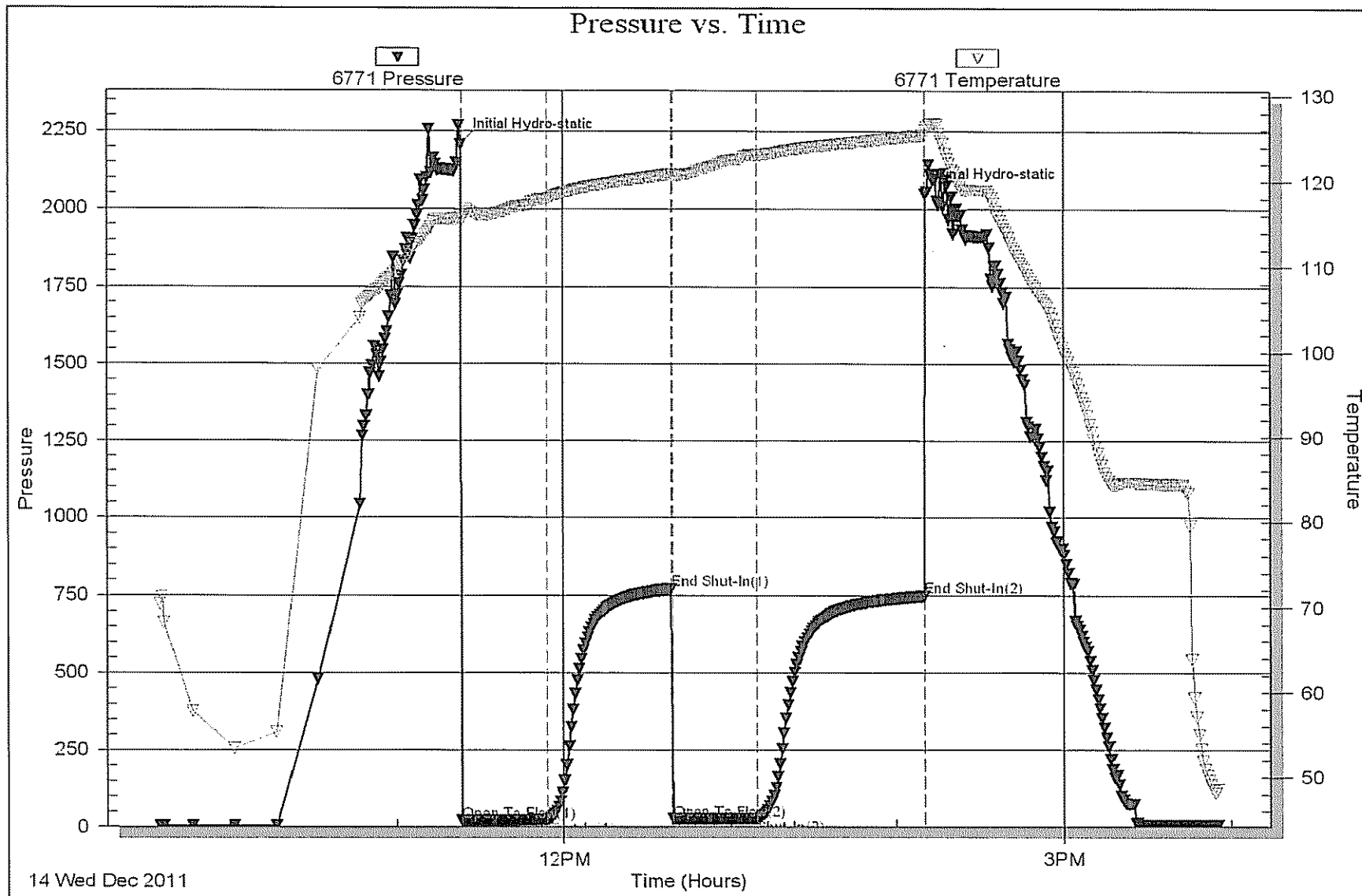
Recovery Comments:

Serial #: 6771

Outside Lario Oil & Gas

Stephens # 1-5

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S Market St
Wichita KS 67202
ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens # 1-5

Job Ticket: 44933

DST#: 4

Test Start: 2011.12.15 @ 04:47:24

GENERAL INFORMATION:

Formation: Pawnee, Ft Scott, Upp

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 07:02:24

Time Test Ended: 11:55:24

Interval: 4415.00 ft (KB) To 4486.00 ft (KB) (TVD)

Total Depth: 4486.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 23.07 psig @ 4416.00 ft (KB)

Start Date: 2011.12.15

End Date:

2011.12.15

Start Time: 04:47:24

End Time:

11:33:24

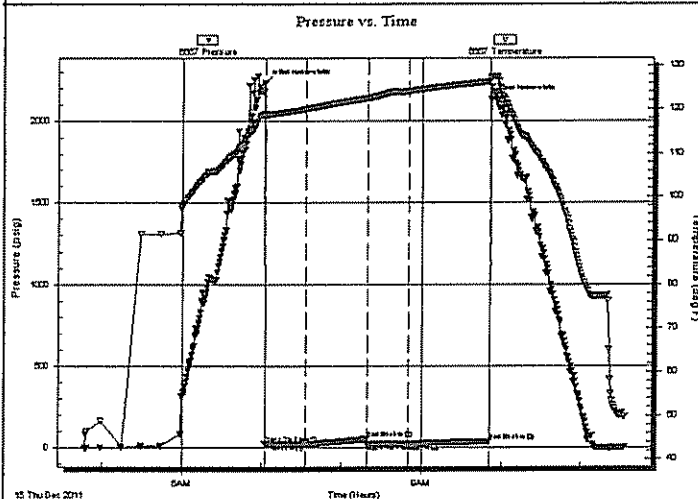
Capacity: 8000.00 psig

Last Calib.: 2011.12.15

Time On Blmt: 2011.12.15 @ 07:02:09

Time Off Blmt: 2011.12.15 @ 09:51:54

TEST COMMENT: Weak 1/2" in blow died back to a surface blow
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.98	118.84	Initial Hydro-static
1	23.24	118.40	Open To Flow (1)
31	22.34	119.99	Shut-In(1)
77	51.24	122.50	End Shut-In(1)
78	24.91	122.49	Open To Flow (2)
108	23.07	124.10	Shut-In(2)
169	36.17	126.39	End Shut-In(2)
170	2133.25	127.42	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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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

5-19s-31w Scott, Ks

301 S Market St
Wichita KS 67202

Stephens # 1-5

Job Ticket: 44933

DST#: 4

ATTN: Brad Rine

Test Start: 2011.12.15 @ 04:47:24

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 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:

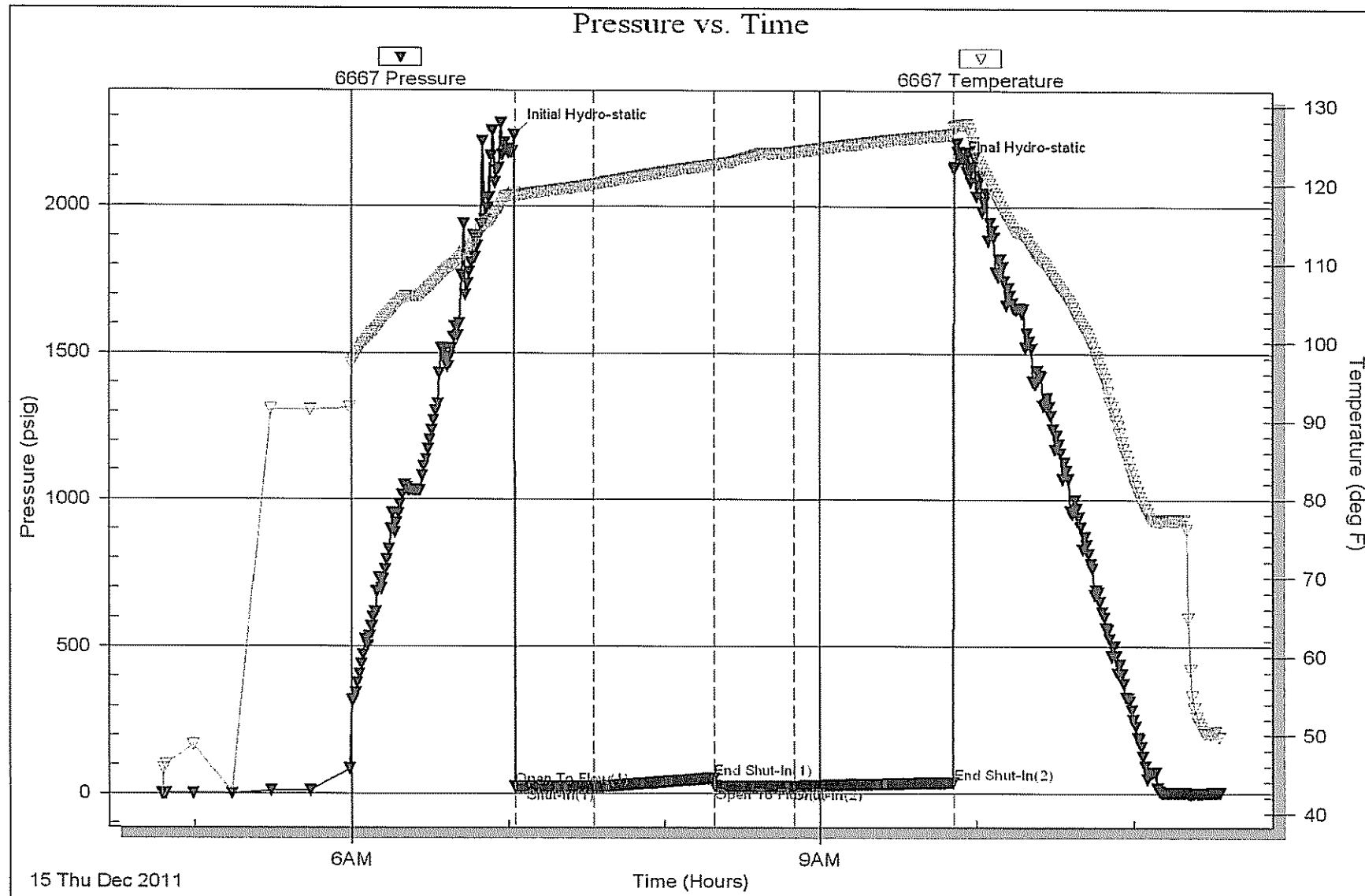
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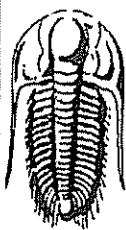
Inside

Lario Oil & Gas

Stephens # 1-5

DST Test Number: 4





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

301 S Market St
Wichita KS 67202

ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens # 1-5

Job Ticket: 44934

DST#: 5

Test Start: 2011.12.16 @ 03:46:01

GENERAL INFORMATION:

Formation: Miss, Spergen

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 06:06:46

Time Test Ended: 12:45:16

Interval: 4598.00 ft (KB) To 4610.00 ft (KB) (TVD)

Total Depth: 4610.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 132.46 psig @ 4599.00 ft (KB)

Start Date: 2011.12.16

End Date:

2011.12.16

Start Time: 03:46:01

End Time:

12:26:16

Capacity: 8000.00 psig

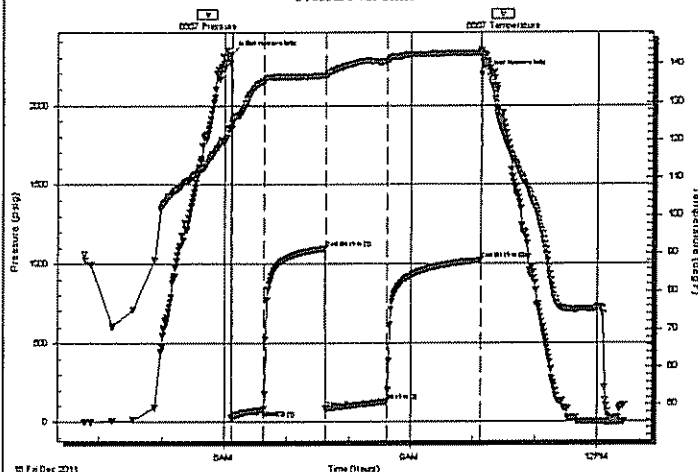
Last Calib.: 2011.12.16

Time On Btm: 2011.12.16 @ 06:06:31

Time Off Btm: 2011.12.16 @ 10:08:16

TEST COMMENT: 9 1/2" in blow
Surface return in 6 min. died in 30 min.
B.O.B. in 55 min.
Return blow in 4 min. built to 1 3/4" in, died in 65 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2320.98	123.44	Initial Hydro-static
1	25.12	122.96	Open To Flow (1)
31	78.25	135.40	Shut-In(1)
91	1098.19	137.03	End Shut-In(1)
91	88.84	136.79	Open To Flow (2)
151	132.46	140.80	Shut-In(2)
242	1023.06	142.96	End Shut-In(2)
242	2192.37	143.67	Final Hydro-static

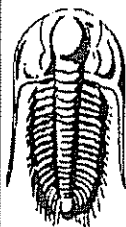
Recovery

Length (ft)	Description	Volume (bbl)
60.00	g o & m c w 10g 5o 25m 60w	0.30
70.00	g o & w c m 10g 10o 35w 45m	0.41
130.00	c g o 15 g 85o	1.82
0.00	460' gas in pipe	0.00

* 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
301 S Market St
Wichita KS 67202
ATTN: Brad Rine

5-19s-31w Scott, Ks
Stephens # 1-5
Job Ticket: 44934 DST#: 5
Test Start: 2011.12.16 @ 03:46:01

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 61.00 sec/qt
Water Loss: 9.55 in³
Resistivity: 0.00 ohm.m
Salinity: 3000.00 ppm
Filter Cake: 2.00 inches

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

Oil API: 33 deg API
Water Salinity: 20000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	g o & m c w 10g 5o 25m 60w	0.295
70.00	g o & w c m 10g 10o 35w 45m	0.408
130.00	c g o 15 g 85o	1.824
0.00	460' gas in pipe	0.000

Total Length: 260.00 ft Total Volume: 2.527 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .421 @ 53°F = 20,000 chlor

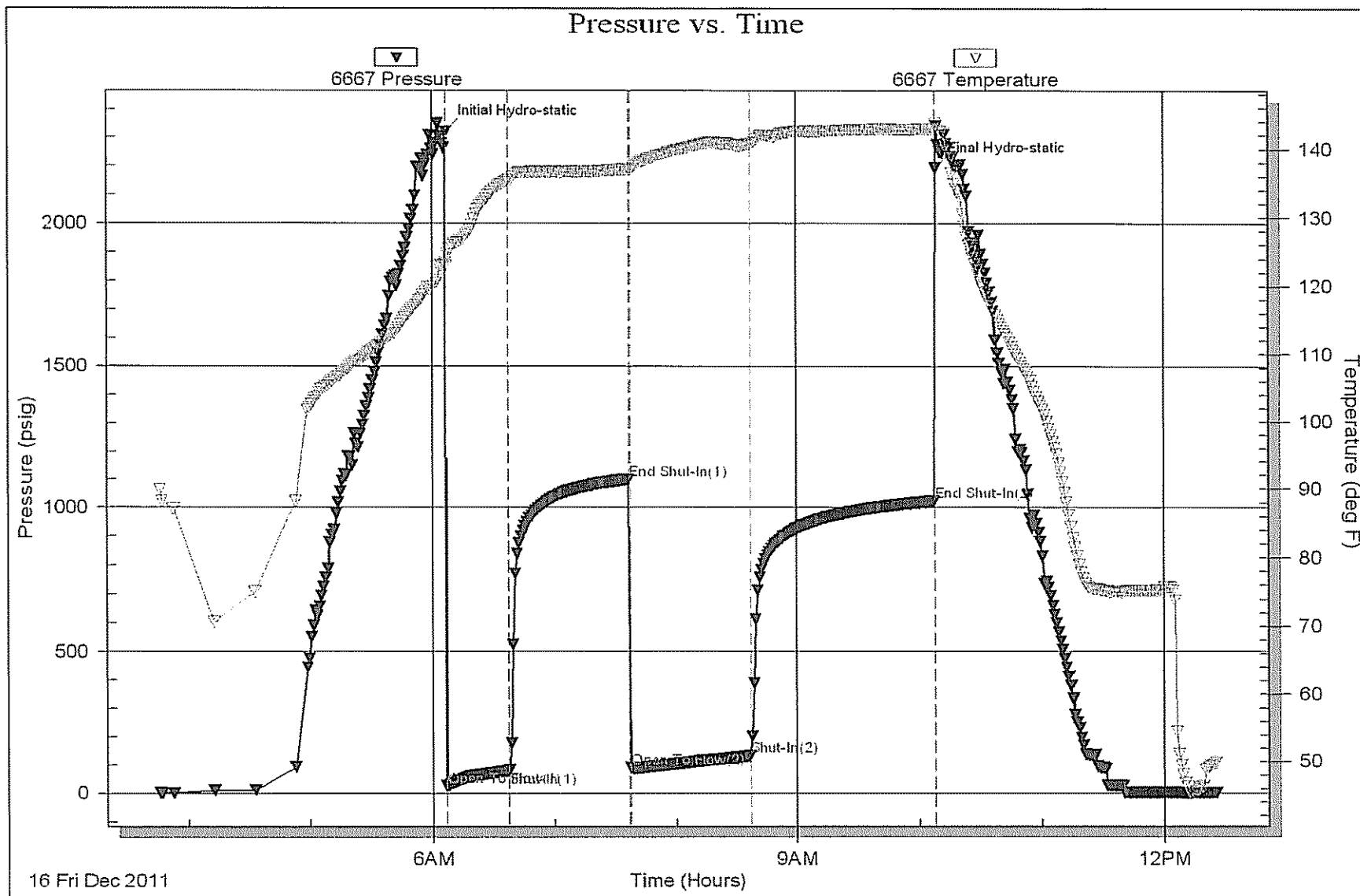
Serial #: 6667

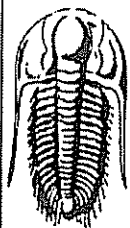
Inside

Lario Oil & Gas

Stephens # 1-5

DST Test Number: 5





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S Market St
Wichita KS 67202
ATTN: Brad Rine

5-19s-31w

Stephens # 1-5

Job Ticket: 44978

DST#: 1

Test Start: 2011.12.12 @ 19:55:00

GENERAL INFORMATION:

Formation: LKC "L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:00:30

Time Test Ended: 03:57:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 55

Interval: 4250.00 ft (KB) To 4292.00 ft (KB) (TVD)

Total Depth: 4292.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771

Outside

Press@RunDepth: 95.88 psig @ 4254.00 ft (KB)

Start Date: 2011.12.12

End Date:

2011.12.13

Start Time: 19:55:00

End Time:

03:57:30

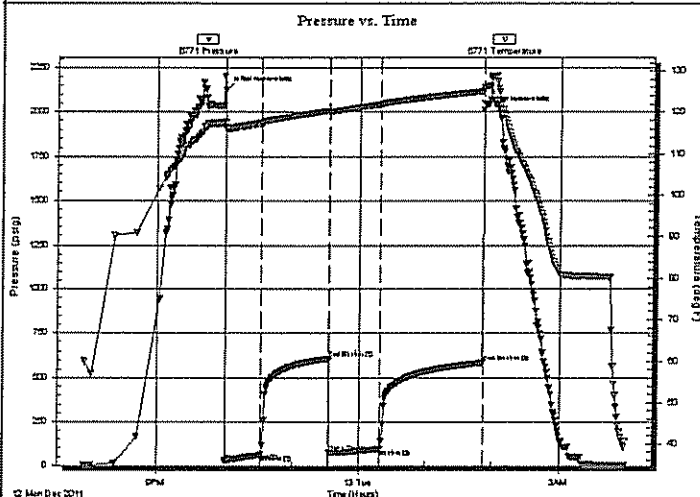
Capacity: 8000.00 psig

Last Calib.: 2011.12.13

Time On Blmt 2011.12.12 @ 22:00:00

Time Off Blmt 2011.12.13 @ 01:51:45

TEST COMMENT: IF- Surface Blow Built to 8"
IS- Weak Surface Blow Died in 32min
FF- Surface Blow Built to 11"
FSI- Weak Surface Blow Died in 28min



PRESSURE SUMMARY

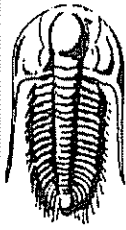
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.63	117.17	Initial Hydro-static
1	26.00	116.38	Open To Flow (1)
32	62.00	117.40	Shut-In(1)
93	610.09	120.34	End Shut-In(1)
93	74.16	120.11	Open To Flow (2)
140	95.88	121.89	Shut-In(2)
232	585.84	125.05	End Shut-In(2)
232	2010.88	125.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	GOCM 5%g 10%oil 85%rm	0.15
31.00	GO 5%g 95%oil	0.15
62.00	GO 20%g 80%oil	0.31
93.00	GO 25%g 75%oil	1.30
0.00	340' GIP	0.00

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
301 S Market St
Wichita KS 67202
ATTN: Brad Rine

5-19s-31w
Stephens # 1-5
Job Ticket: 44978
DST#: 1
Test Start: 2011.12.12 @ 19:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 2500.00 ppm
Filter Cake: 2.00 inches

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

Oil API: 36 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	GOCM 5%g 10%oil 85%m	0.152
31.00	GO 5%g 95%oil	0.152
62.00	GO 20%g 80%oil	0.314
93.00	GO 25%g 75%oil	1.305
0.00	340' GIP	0.000

Total Length: 217.00 ft Total Volume: 1.923 bbl

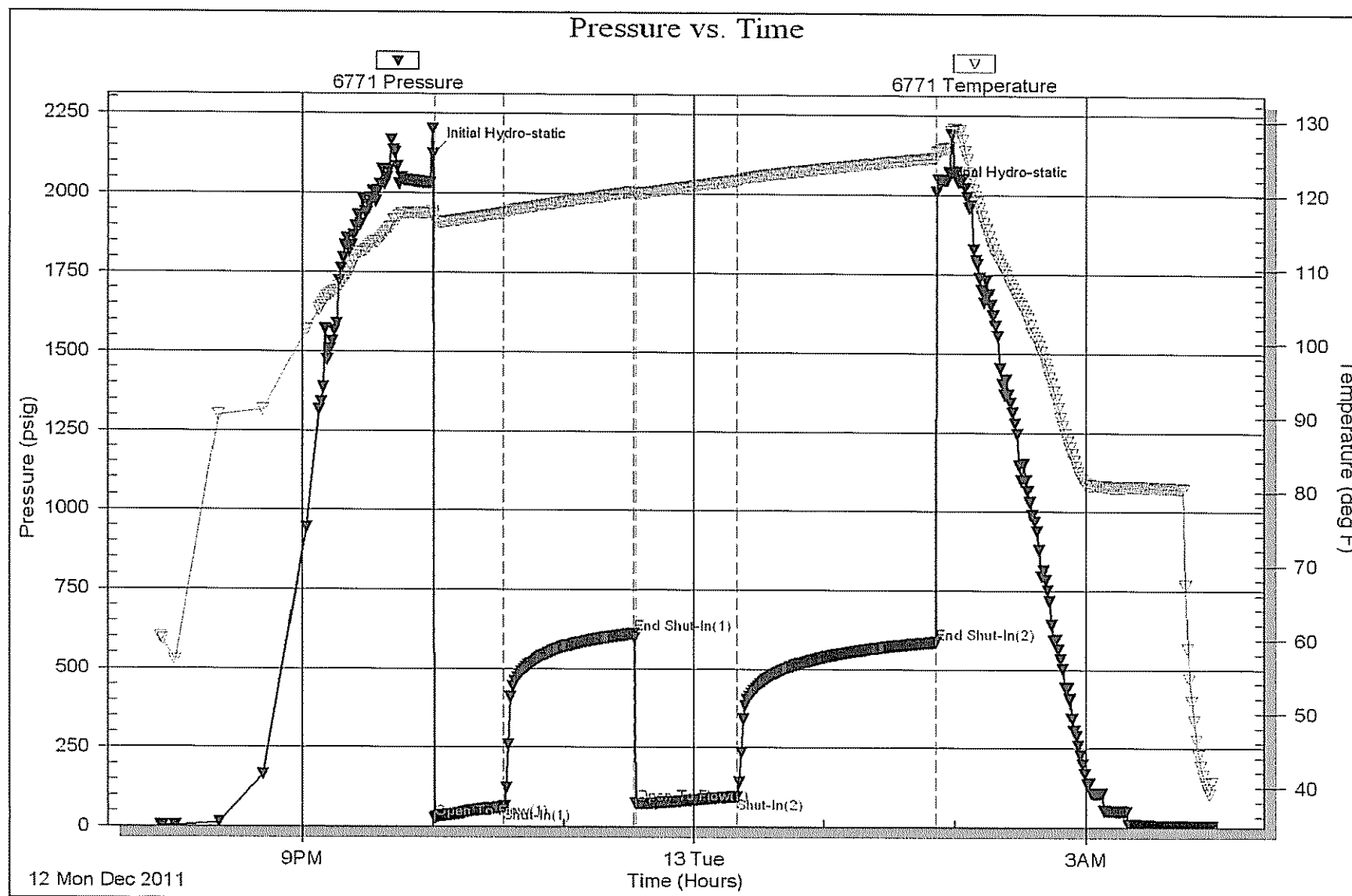
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Oil API is 34 @ 40f = 36

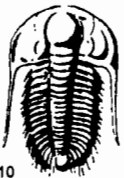
Serial #: 6771

Outside Lario Oil & Gas

Stephens # 1-5

DST Test Number: 1





**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

DEC 19 2011

Test Ticket

NO. 44978 116758

Well Name & No. Stephens #1-5 Test No. DST #1 Date 12-12-11
 Company Lario Oil & Gas Co. Elevation 2970 KB 2965 GL
 Address 301 S. Market St. Wichita KS 67202
 Co. Rep / Geo. Brad Rine Rig WW Rig #2
 Location: Sec. 5 Twp. 19s Rge. 31w Co. Scott Co State KS

Interval Tested 4250-4292 Zone Tested LKC "L"
 Anchor Length 42 Drill Pipe Run 4132 Mud Wt. 9.1
 Top Packer Depth 4246 Drill Collars Run 123 Vis 58
 Bottom Packer Depth 4250 Wt. Pipe Run 0 WL 7.2
 Total Depth 4292 Chlorides 2500 ppm System LCM 216

Blow Description IF- Surface Blow Built to 8"
ISI-Weak Surface Blow Died in 32 min
FF- Surface Blow Built to 11"
FSI-Weak Surface Blow Died in 28 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>93</u>	<u>GO</u>	<u>25</u>	<u>75</u>		
<u>62</u>	<u>GO</u>	<u>20</u>	<u>80</u>		
<u>31</u>	<u>GO</u>	<u>5</u>	<u>95</u>		
<u>31</u>	<u>GO CM</u>	<u>5</u>	<u>10</u>		<u>85</u>
<u>Rec</u>	<u>Feet of 340' G-IP</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 217 BHT 120 Gravity 36 API RW 34 @ 40 °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2122 ☒ Test 1225 T-On Location 18:34
 (B) First Initial Flow 26 ☒ Jars 250 T-Started 19:55
 (C) First Final Flow 62 ☒ Safety Joint 75 T-Open 22:00
 (D) Initial Shut-In 610 ☒ Circ Sub 50 T-Pulled 1:51 AM
 (E) Second Initial Flow 74 ☐ Hourly Standby _____ T-Out 3:57 AM
 (F) Second Final Flow 95 ☒ Mileage 24 R/T 33.60 Comments _____
 (G) Final Shut-In 585 ☐ Sampler _____
 (H) Final Hydrostatic 2010 ☐ Straddle _____ ☐ Ruined Shale Packer _____
☐ Shale Packer _____ ☐ Ruined Packer _____
☐ Extra Packer _____ ☐ Extra Copies _____
☐ Extra Recorder _____ Sub Total 0
☐ Day Standby _____ Total 11633.60
☐ Accessibility _____ MP/DST Disc't _____

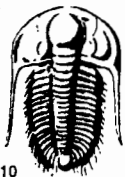
Initial Open 30
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 90

Sub Total 11633.60

Approved By Brad Rine

Our Representative Tim M

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.

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Test Ticket

NO. 44979

Well Name & No. Stephens #1-5 Test No. DST #2 Date 12-13-11
Company Lario Oil & Gas Co Elevation 2970 KB 2965 GL
Address 301 S Market St Wichita KS 67202
Co. Rep / Geo. Brad Rine Rig WW Rig #2
Location: Sec. 5 Twp. 19s Rge. 31w Co. Scott Co State KS

Interval Tested 4306-4350 Zone Tested Marmaton "A"
Anchor Length 44 Drill Pipe Run 4195 Mud Wt. 9.1
Top Packer Depth 4302 Drill Collars Run 123 Vis 58
Bottom Packer Depth 4306 Wt. Pipe Run 0 WL 6.4
Total Depth 4350 Chlorides 2800 ppm System LCM 1

Blow Description IF- BOB in 3 min
ISI- Surface Blow Built to 5 1/4" Dried Back to 2 3/4"
FI- BOB in 7 min
FSI Weak Surface Blow Built to 1 1/2" Dried in 32 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>MG-CO</u>	<u>20</u>	<u>65</u>	<u>15</u>	<u>15</u>
<u>248</u>	<u>MG-CO</u>	<u>30</u>	<u>55</u>	<u>15</u>	<u>15</u>
<u>186</u>	<u>GOWCM</u>	<u>10</u>	<u>10</u>	<u>20</u>	<u>60</u>
<u>144</u>	<u>GO</u>	<u>5</u>	<u>95</u>		
<u>1962</u>	<u>G-IP</u>				

Rec Total 888 BHT 132 Gravity 35 API RW 35 @ 60°F Chlorides 23000 ppm

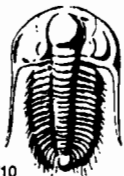
Test	Value	Time
(A) Initial Hydrostatic	<u>2165</u>	T-On Location <u>14:18</u>
(B) First Initial Flow	<u>76</u>	T-Started <u>14:43</u>
(C) First Final Flow	<u>227</u>	T-Open <u>16:39</u>
(D) Initial Shut-In	<u>245</u> <u>972</u>	T-Pulled <u>20:27</u>
(E) Second Initial Flow	<u>358</u> <u>245</u>	T-Out <u>23:31</u>
(F) Second Final Flow	<u>919</u>	Comments <u>RW is .437 @ 51°F = 23000</u>
(G) Final Shut-In	<u>2020</u>	
(H) Final Hydrostatic		

Initial Open 30
Initial Shut-In 60
Final Flow 45
Final Shut-In 90

Sub Total 1583.60

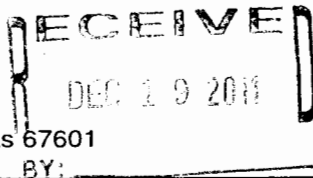
Approved By Brad Rine Our Representative Jim M

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Test Ticket

NO. 44980

Well Name & No. Stephens #1-5 Test No. DST #3 Date 12-14-11
 Company Lario Oil & Gas Elevation 2970 KB 2965 GL
 Address 301 S Market St. Wichita KS 67202
 Co. Rep / Geo. Brad Rine Rig WW Rig #2
 Location: Sec. 5 Twp. 19s Rge. 31w Co. Scott State KS

Interval Tested 4363-4394 Zone Tested Marmaton "B"
 Anchor Length 31 Drill Pipe Run 4227 Mud Wt. 9.1
 Top Packer Depth 4359 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 4363 Wt. Pipe Run 0 WL 8.0
 Total Depth 4394 Chlorides 3400 ppm System LCM 1

Blow Description IF - Weak Surface Blow
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Mud with Few Oil spots</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 10' BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	<u>2206</u>	☒ Test	<u>1225</u>	T-On Location	<u>8:53</u>
(B) First Initial Flow	<u>19</u>	☒ Jars	<u>250</u>	T-Started	<u>9:35</u>
(C) First Final Flow	<u>22</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>11:23</u>
(D) Initial Shut-In	<u>770</u>	☒ Circ Sub	<u>N/C</u>	T-Pulled	<u>14:10</u>
(E) Second Initial Flow	<u>24</u>	☐ Hourly Standby		T-Out	<u>15:55</u>
(F) Second Final Flow	<u>27</u>	☒ Mileage	<u>24 R/T 33.60</u>	Comments	
(G) Final Shut-In	<u>747</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2048</u>	☐ Straddle		☐ Ruined Shale Packer	

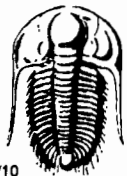
Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60

☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Sub Total 1583.60

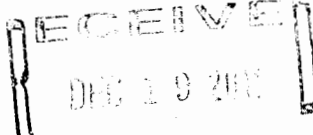
Approved By Brad Rine Our Representative Will Rine

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**TRILOBITE
TESTING INC.**

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Test Ticket

NO. 44933

Well Name & No. Stephens #1-S Test No. #4 Date 12/15/11
Company Harro Oil & Gas Co. Elevation 2970 KB 2965 GL
Address 301 S. Market St Wichita, KS 67202
Co. Rep / Geo. Brad Rine Rig WW #2
Location: Sec. 5 Twp. 19S Rge. 31W Co. Scott State KS

Interval Tested 4415 4486 Zone Tested Pawnee Ft Scott, Upper Cherokee
Anchor Length 71 Drill Pipe Run 4289' Mud Wt. 9.1
Top Packer Depth 4410 Drill Collars Run 123' XH Vis 57
Bottom Packer Depth 4415 Wt. Pipe Run WL 9.4
Total Depth 4486 Chlorides 3000 ppm System LCM #1

Blow Description Weak 1/2" blow, dried back to a surface blow
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 128" Gravity API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic	(B) First Initial Flow	(C) First Final Flow	(D) Initial Shut-In	(E) Second Initial Flow	(F) Second Final Flow	(G) Final Shut-In	(H) Final Hydrostatic
<u>2236</u>	<u>23</u>	<u>22</u>	<u>51</u>	<u>24</u>	<u>23</u>	<u>36</u>	<u>2133</u>

☒ Test 1225'
☒ Jars 250
☒ Safety Joint 75'
☒ Circ Sub N/C
☐ Hourly Standby
☒ Mileage 24 RT 33.60
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

T-On Location 04:20
T-Started 04:47
T-Open 07:04
T-Pulled 09:49
T-Out 11:55
Comments

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

Sub Total 1583.60

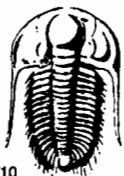
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1583.60

MP/DST Disc't

Approved By Brad Rine

Our Representative

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RECEIVED
DEC 19 2011

Test Ticket

NO. 44934

Well Name & No. Stephens #1-S Test No. #5 Date 12/16/11
 Company Lasso Oil & Gas Co Elevation 2970 KB 2965 GL
 Address 301 S Market St Wichita, KS 67202
 Co. Rep / Geo. Brad Rine Rig WW #2
 Location: Sec. 5 Twp. 19s Rge. 31w Co. Scott State KS

Interval Tested 4598 4610 Zone Tested Miss-Spergen
 Anchor Length 12 Drill Pipe Run 4475' Mud Wt. 9.0
 Top Packer Depth 4593 Drill Collars Run 123' XH Vis 61
 Bottom Packer Depth 4598 Wt. Pipe Run — WL 9.4
 Total Depth 4610 Chlorides 3000 ppm System LCM #2
 Blow Description 9 1/2" in blow

Surface return in 6 min died in 30 min.
B.O.B. in 55 min.

Return blow in 4 min. built to 13 1/4" in died in 65 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>C90</u>	<u>15</u>	<u>85</u>		
<u>70'</u>	<u>90 3/4" cm</u>	<u>10</u>	<u>10</u>	<u>35</u>	<u>45</u>
<u>60'</u>	<u>90 3/4" cm</u>	<u>10</u>	<u>5</u>	<u>60</u>	<u>25</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>(460' GAS IN P.P.)</u>	%gas	%oil	%water	%mud

Rec Total 260' BHT 143° Gravity 33 API RW 421 @ 53° F Chlorides 20,000 ppm
 (A) Initial Hydrostatic 2320 ☒ Test 1225' T-On Location 03:20
 (B) First Initial Flow 25 ☒ Jars 250' T-Started 03:45
 (C) First Final Flow 78 ☒ Safety Joint 75' T-Open 06:05
 (D) Initial Shut-In 1098 ☒ Circ Sub N/C T-Pulled 10:05
 (E) Second Initial Flow 88 ☐ Hourly Standby T-Out 12:45
 (F) Second Final Flow 132 ☒ Mileage 24 RT 33.60 Comments
 (G) Final Shut-In 1023 ☐ Sampler
 (H) Final Hydrostatic 2192 ☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Approved By

Brad Rine

Our Representative

[Signature]

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