



DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Company**

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

31-12s-31w Gove KS

Wieland #1-31

Start Date: 2006.01.19 @ 08:43:01

End Date: 2006.01.19 @ 17:38:15

Job Ticket #: 23204 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

Wieland #1-31

31-12s-31w Gove KS

Job Ticket: 23204

DST#: 1

Test Start: 2006.01.19 @ 08:43:01

GENERAL INFORMATION:

Formation: **Toronto**

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

Time Tool Opened: 11:08:00

Time Test Ended: 17:38:15

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **3957.00 ft (KB) To 4000.00 ft (KB) (TVD)**

Total Depth: **4000.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2979.00 ft (KB)**

2969.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: **278.08 psig @ 3961.00 ft (KB)**

Start Date: **2006.01.19**

End Date:

2006.01.19

Start Time: **08:43:01**

End Time:

17:38:15

Capacity: **7000.00 psig**

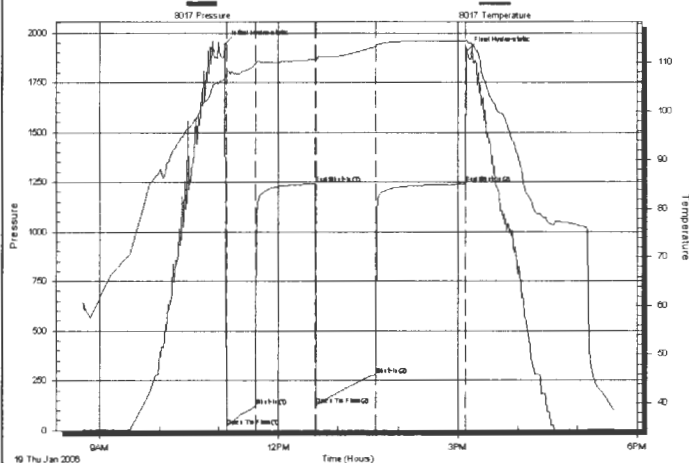
Last Calib.: **2006.01.19**

Time On Btm: **2006.01.19 @ 11:06:45**

Time Off Btm: **2006.01.19 @ 15:09:00**

TEST COMMENT: IF: 1/4" blow built to 4" over 30 min.
IS: No return over 60 min.
FF: Surface blow built to 8 1/2" over 60 min.
FS: No return over 90 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1943.20	106.77	Initial Hydro-static
2	20.56	107.60	Open To Flow (1)
31	121.95	109.75	Shut-In(1)
91	1240.83	110.61	End Shut-In(1)
91	122.97	110.32	Open To Flow (2)
151	278.08	113.27	Shut-In(2)
241	1239.41	114.42	End Shut-In(2)
243	1910.45	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCW 20% M 80% W	0.44
360.00	MCW 35% M 65% W	1.77
93.00	M 100% M	0.46

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

Wieland #1-31

31-12s-31w Gove KS

Job Ticket: 23204

DST#: 1

Test Start: 2006.01.19 @ 08:43:01

Tool Information

Drill Pipe:	Length: 3393.00 ft	Diameter: 3.80 inches	Volume: 47.59 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 560.00 ft	Diameter: 2.25 inches	Volume: 2.75 bbl	Weight to Pull Loose: 101000.0 lb
		Total Volume: 50.34 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 96000.00 lb
Depth to Top Packer:	3957.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3930.00	
Shut In Tool	5.00			3935.00	
Hydraulic tool	5.00			3940.00	
Jars	5.00			3945.00	
Safety Joint	3.00			3948.00	
Packer	5.00			3953.00	28.00 Bottom Of Top Packer
Packer	4.00			3957.00	
Stubb	1.00			3958.00	
Perforations	3.00			3961.00	
Recorder	0.00	8017	Inside	3961.00	
Perforations	34.00			3995.00	
Recorder	0.00	13309	Inside	3995.00	
Bullnose	5.00			4000.00	43.00 Bottom Packers & Anchor

Total Tool Length: 71.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Wieland #1-31

301 S. Market St.
Wichita KS 67202

31-12s-31w Gove KS

Job Ticket: 23204

DST#: 1

ATTN: Vern Schrag

Test Start: 2006.01.19 @ 08:43:01

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:

70000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 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 bbl
90.00	MCW 20% M 80% W	0.443
360.00	MCW 35% M 65% W	1.770
93.00	M 100% M	0.457

Total Length: 543.00 ft

Total Volume: 2.670 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

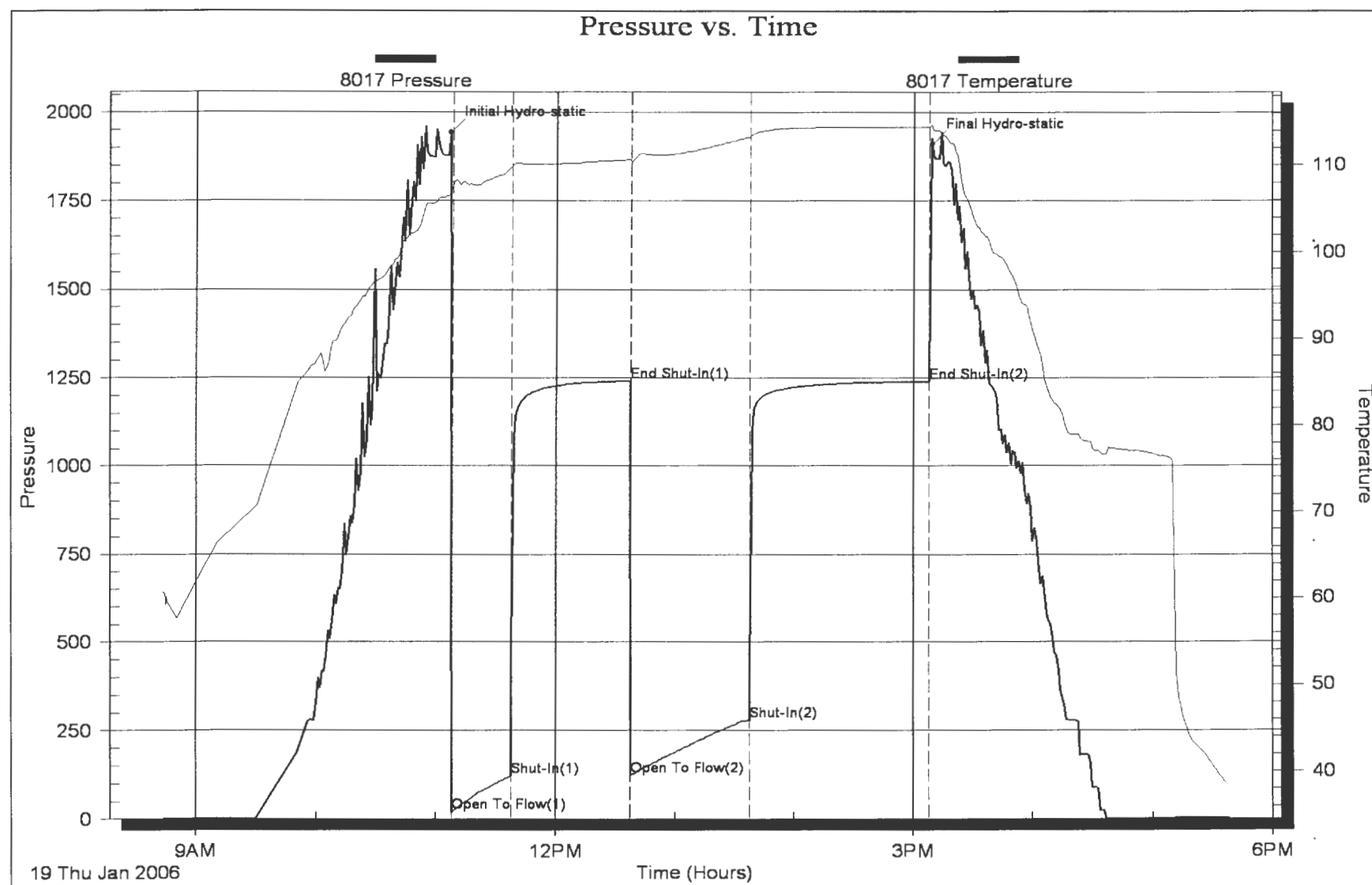
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW, .209 @ 43 degree F = 70,000 chlor.

Spots of oil in 453 ft.





DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Company**

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

31-12s-31w Gove KS

Wieland #1-31

Start Date: 2006.01.20 @ 06:34:01

End Date: 2006.01.20 @ 16:44:15

Job Ticket #: 23205 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

Wieland #1-31

31-12s-31w Gove KS

Job Ticket: 23205

DST#: 2

Test Start: 2006.01.20 @ 06:34:01

GENERAL INFORMATION:

Formation: **Lansing "D"**

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

Time Tool Opened: 11:43:45

Time Test Ended: 16:44:15

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **4084.00 ft (KB) To 4096.00 ft (KB) (TVD)**

Total Depth: **4096.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2979.00 ft (KB)**

2969.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017

Inside

Press@RunDepth: **18.27 psig @ 4085.00 ft (KB)**

Start Date: **2006.01.20**

End Date:

2006.01.20

Capacity: **7000.00 psig**

Last Calib.: **2006.01.20**

Start Time: **06:34:01**

End Time:

16:44:15

Time On Btm: **2006.01.20 @ 11:42:30**

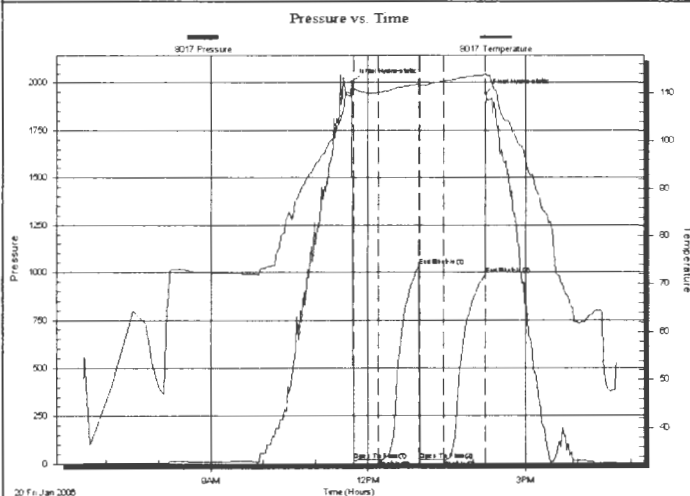
Time Off Btm: **2006.01.20 @ 14:14:45**

TEST COMMENT: IF: Surface blow died after 16 min. over 30 min.

IS: No return over 45 min.

FF: No blow over 30 min.

FS: No return over 45 min.



PRESSURE SUMMARY

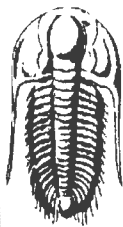
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.18	110.38	Initial Hydro-static
2	15.57	110.71	Open To Flow (1)
30	17.56	110.19	Shut-In(1)
77	1033.26	111.91	End Shut-In(1)
77	16.84	111.66	Open To Flow (2)
105	18.27	112.56	Shut-In(2)
151	984.06	113.85	End Shut-In(2)
153	1945.33	114.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	M 100%M	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

Wieland #1-31

301 S. Market St.
Wichita KS 67202

31-12s-31w Gove KS

Job Ticket: 23205

DST#: 2

ATTN: Vern Schrag

Test Start: 2006.01.20 @ 06:34:01

Tool Information

Drill Pipe:	Length: 3520.00 ft	Diameter: 3.80 inches	Volume: 49.38 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 560.00 ft	Diameter: 2.25 inches	Volume: 2.75 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 52.13 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 98000.00 lb
Depth to Top Packer:	4084.00 ft			Final 99000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4057.00	
Shut In Tool	5.00			4062.00	
Hydraulic tool	5.00			4067.00	
Jars	5.00			4072.00	
Safety Joint	3.00			4075.00	
Packer	5.00			4080.00	28.00 Bottom Of Top Packer
Packer	4.00			4084.00	
Stubb	1.00			4085.00	
Recorder	0.00	8017	Inside	4085.00	
Perforations	6.00			4091.00	
Recorder	0.00	13309	Inside	4091.00	
Bullnose	5.00			4096.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Wieland #1-31

301 S. Market St.
Wichita KS 67202

31-12s-31w Gove KS

Job Ticket: 23205

DST#: 2

ATTN: Vern Schrag

Test Start: 2006.01.20 @ 06:34:01

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:

2800 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	M 100%M	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

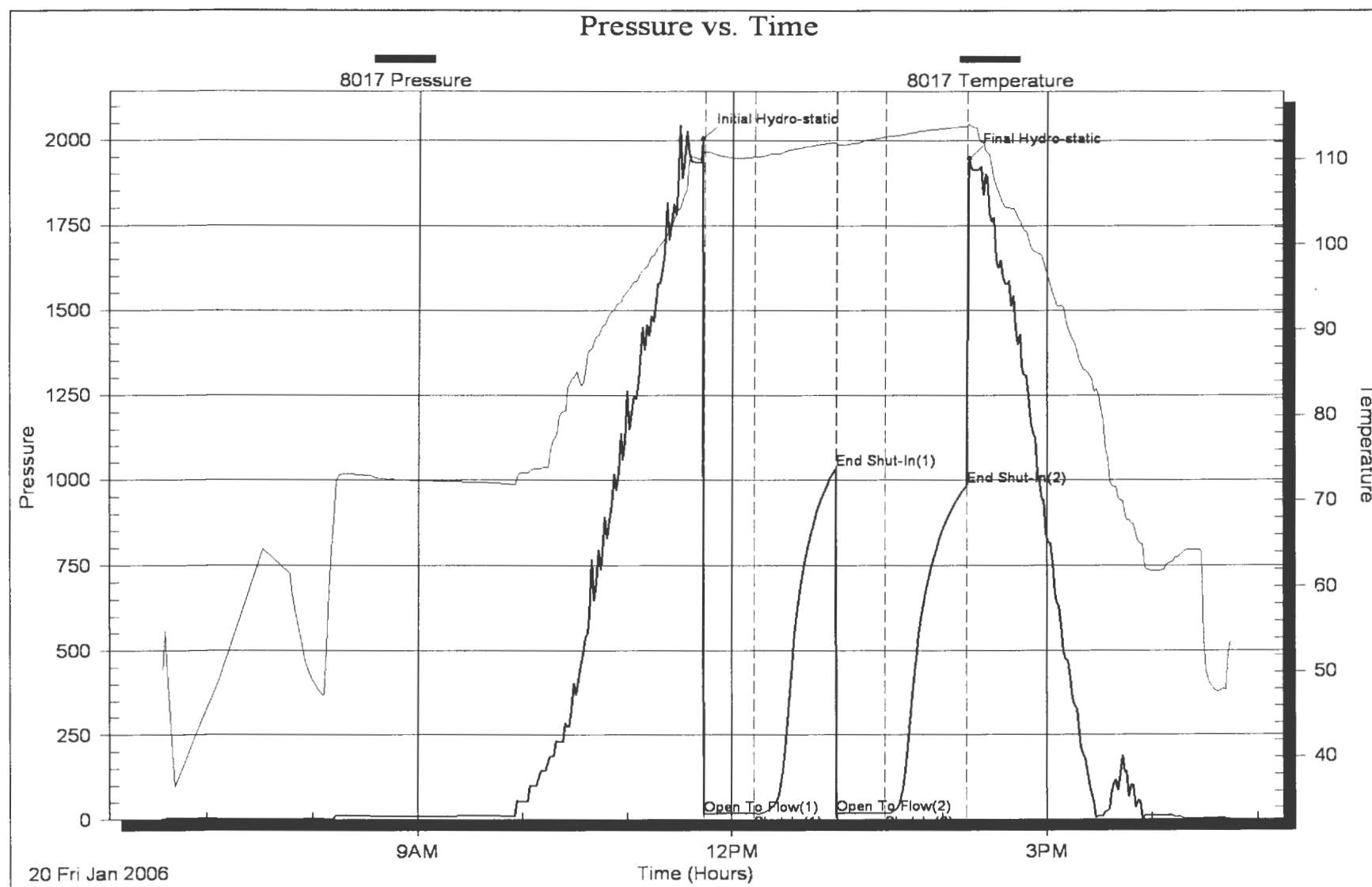
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Spots of oil.





DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Company**

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

31-12s-31w Gove KS

Wieland #1-31

Start Date: 2006.01.22 @ 18:20:01

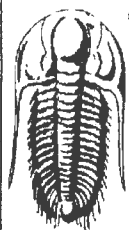
End Date: 2006.01.23 @ 03:47:15

Job Ticket #: 23206 DST #: 3

Trilobite Testing, Inc

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



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DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S. Market St.
Wichita KS 67202

ATTN: Vern Schrag

Wieland #1-31

31-12s-31w Gove KS

Job Ticket: 23206

DST#: 3

Test Start: 2006.01.22 @ 18:20:01

GENERAL INFORMATION:

Formation: **Johnson**

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

Time Tool Opened: 21:00:00

Time Test Ended: 03:47:15

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **18**

Interval: **4544.00 ft (KB) To 4590.00 ft (KB) (TVD)**

Total Depth: **4590.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2979.00 ft (KB)**

2969.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017

Inside

Press@RunDepth: **124.49 psig @ 4550.00 ft (KB)**

Start Date: **2006.01.22**

End Date:

2006.01.23

Start Time: **18:20:01**

End Time:

03:47:15

Capacity: **7000.00 psig**

Last Calib.: **2006.01.23**

Time On Btm: **2006.01.22 @ 20:59:00**

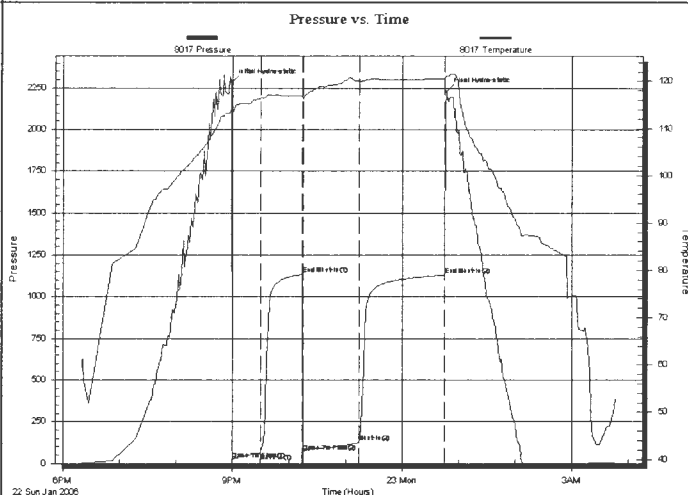
Time Off Btm: **2006.01.23 @ 00:46:45**

TEST COMMENT: IF: 1/4" blow built to 5 1/2" over 30 min.

IS: No return over 45 min.

FF: 1/4" blow built to 7" over 60 min.

FS: After 3 min. surface blow built to 1/8", died @ 24 min. over 90 min.



PRESSURE SUMMARY

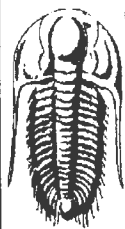
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.58	114.00	Initial Hydro-static
1	22.50	113.27	Open To Flow (1)
31	65.03	116.32	Shut-In(1)
75	1135.56	116.80	End Shut-In(1)
76	69.49	116.27	Open To Flow (2)
136	124.49	119.96	Shut-In(2)
227	1130.53	120.57	End Shut-In(2)
228	2229.00	121.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HOCM 40% O 60% M	0.89
90.00	FO 20% G 80% O	0.44

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

Wieland #1-31

301 S. Market St.
Wichita KS 67202

31-12s-31w Gove KS

Job Ticket: 23206

DST#: 3

ATTN: Vern Schrag

Test Start: 2006.01.22 @ 18:20:01

Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 560.00 ft	Diameter: 2.25 inches	Volume: 2.75 bbl	Weight to Pull Loose: 111000.0 lb
		Total Volume: 58.35 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 104000.0 lb
Depth to Top Packer:	4544.00 ft			Final 106000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4517.00	
Shut In Tool	5.00			4522.00	
Hydraulic tool	5.00			4527.00	
Jars	5.00			4532.00	
Safety Joint	3.00			4535.00	
Packer	5.00			4540.00	28.00 Bottom Of Top Packer
Packer	4.00			4544.00	
Stubb	1.00			4545.00	
Perforations	5.00			4550.00	
Recorder	0.00	8017	Inside	4550.00	
Perforations	35.00			4585.00	
Recorder	0.00	13309	Inside	4585.00	
Bullnose	5.00			4590.00	46.00 Bottom Packers & Anchor

Total Tool Length: 74.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Wieland #1-31

301 S. Market St.
Wichita KS 67202

31-12s-31w Gove KS

Job Ticket: 23206

DST#: 3

ATTN: Vern Schrag

Test Start: 2006.01.22 @ 18:20:01

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:

3400 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	HOCM 40%O 60%M	0.885
90.00	FO 20%G 80%O	0.443

Total Length: 270.00 ft Total Volume: 1.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

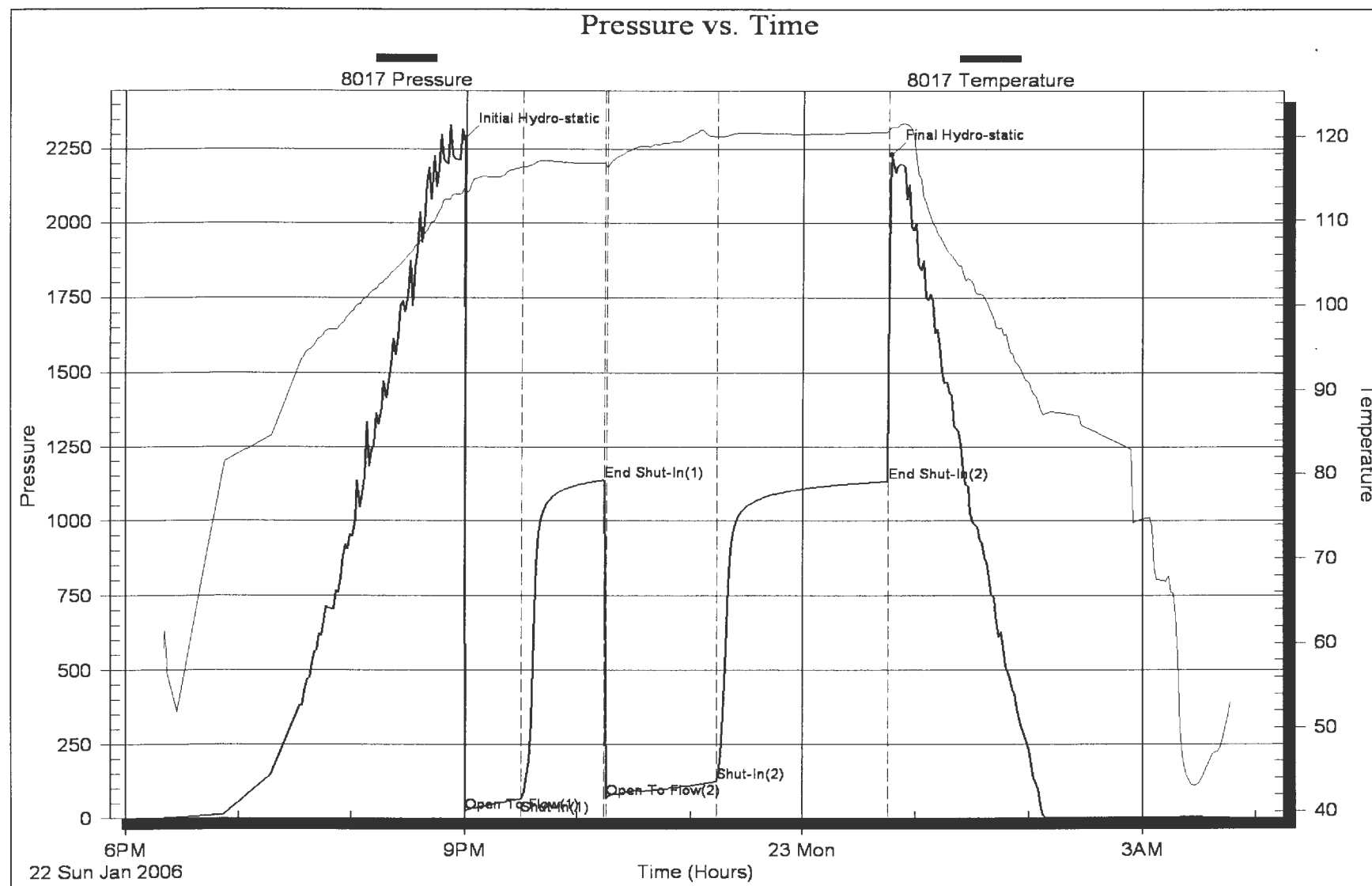
Recovery Comments: 90 feet of gas in pipe

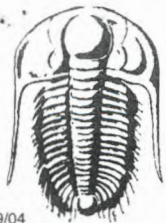
Serial #: 8017

Inside Lario Oil & Gas Company

31-12s-31w Gove KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8337

No 23204

Test Ticket

Well Name & No. <u>Wieland #1-31</u>	Test No. <u>1</u>	Date <u>1-19-06</u>
Company <u>Lario Oil & Gas Company</u>	Zone Tested <u>Toronto</u>	
Address <u>3015, Market St. Wichita, KS 67202</u>	Elevation <u>2979</u>	KB <u>2969</u> GL
Co. Rep / Geo. <u>Vern Schrag</u>	Cont. <u>Murfin #14</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>31</u> Twp. <u>12S</u> Rge. <u>31W</u> Co. <u>Gove</u> State <u>KS</u>		
No. of Copies <u>norm</u> Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____		

Interval Tested <u>3957 to 4000</u>	Initial Str Wt./Lbs. <u>96,000</u>	Unseated Str Wt./Lbs. <u>98,000</u>
Anchor Length <u>43</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>104,000</u>
Top Packer Depth <u>3953</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>3957</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4000</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>560</u>
Mud Wt. <u>9.0</u> LCM Trace Vis. <u>59</u> WL <u>6.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3393</u>
Blow Description <u>IF: 1/4" blow built to 4" over 30 min.</u>		
<u>IS: No return over 60 min.</u>		
<u>FF: Surface blow built to 8 1/2" over 60 min.</u>		
<u>FS: No return over 90 min.</u>		

Recovery - Total Feet <u>543</u>	GIP <u>0</u>	Ft. in DC <u>540</u>	Ft. in DP <u>3</u>
Rec. <u>93</u> Feet of <u>Mspot of oil</u>	%gas	%oil	%water <u>100</u> %mud
Rec. <u>360</u> Feet of <u>MCW spots of oil</u>	%gas	%oil <u>65</u>	%water <u>35</u> %mud
Rec. <u>90</u> Feet of <u>MCW</u>	%gas	%oil <u>80</u>	%water <u>20</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
BHT <u>114</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW <u>.209</u> @ <u>4.3</u> °F Chlorides <u>70,000</u> ppm Recovery <u>70,000</u> Chlorides <u>2,600</u> ppm System			

AK-1		Alpine	
(A) Initial Hydrostatic Mud	<u>1,943</u> PSI	Recorder No. <u>8017</u>	Test <u>X</u> <u>1000</u> ^{cc}
(B) First Initial Flow Pressure	<u>21</u> PSI	(depth) <u>3961</u>	Jars <u>X</u> <u>200</u> ^{cc}
(C) First Final Flow Pressure	<u>122</u> PSI	Recorder No. <u>13309</u>	Safety Jt. <u>X</u> <u>50</u> ^{cc}
(D) Initial Shut-In Pressure	<u>1,241</u> PSI	(depth) <u>3995</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>123</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>278</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,239</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,910</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>60</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <u>76 RT</u> <u>76</u> ^{cc}
		T-On Location <u>08:00am</u>	Sub Total: <u>1326</u>
		T-Started <u>08:43am</u>	Std. By <u>1.5</u> <u>75</u>
		T-Open <u>11:08am</u>	Other _____
		T-Pulled <u>15:08 pm</u>	Total: <u>81401</u>
		T-Out <u>17:39 pm</u>	

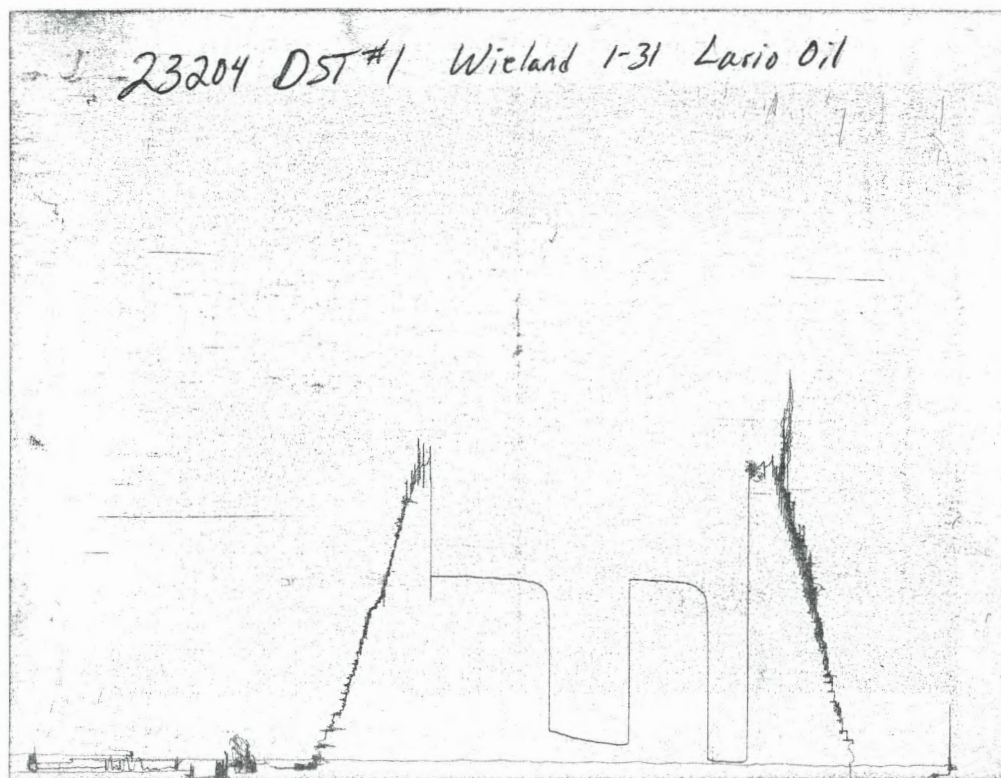
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Vern C. Schrag

Our Representative Chuck Smith

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23205

Test Ticket

Well Name & No. <u>Wieland #1-31</u>	Test No. <u>2</u>	Date <u>1-20-06</u>
Company <u>Lario Oil & Gas Company</u>	Zone Tested <u>Laasing "D"</u>	
Address <u>301 S. Market St. Wichita, KS 67202</u>	Elevation <u>2979</u>	KB <u>2969</u> GL
Co. Rep / Geo. <u>Vern Schrag</u>	Cont. <u>Murfin 14</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>31</u> Twp. <u>12 S</u> Rge. <u>31W</u> Co. <u>Gove</u> State <u>KS</u>		
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____		

Interval Tested <u>4084 TO 4096</u>	Initial Str Wt./Lbs. <u>98,000</u>	Unseated Str Wt./Lbs. <u>9</u>
Anchor Length <u>12</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>110,000</u>
Top Packer Depth <u>4080</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>4084</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4096</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>560</u>
Mud Wt. <u>9.1</u> LCM <u>Trace</u> Vis. <u>55</u> WL <u>6.0</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3,520</u>
Blow Description <u>IF: Surface blow died after 16 min. over 30 min.</u>		
<u>IS: No. return over 45 min.</u>		
<u>FF: No blow over 30 min.</u>		
<u>FS: No return over 45 min.</u>		

Recovery - Total Feet <u>3</u>	GIP <u>0</u>	Ft. in DC <u>3</u>	Ft. in DP <u>0</u>
Rec. <u>3</u> Feet of <u>M spots of oil</u>	%gas	%oil	%water <u>100</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
BHT <u>114</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides <u>2,800</u> ppm Recovery <u>2,800</u> Chlorides <u>2,800</u> ppm System			

(A) Initial Hydrostatic Mud	AK-1	Alpine	2,003	PSI	Recorder No.	8017	Test X	1,100 ^{psi}
(B) First Initial Flow Pressure			16	PSI	(depth)	4085	Jars X	200 ^{psi}
(C) First Final Flow Pressure			18	PSI	Recorder No.	13309	Safety Jt. X	50 ^{psi}
(D) Initial Shut-In Pressure			1,033	PSI	(depth)	4091	Circ Sub X	N/C
(E) Second Initial Flow Pressure			17	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			18	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			984	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud			1,945	PSI	Initial Shut-In	45	Shale Packer	
					Final Flow	30	Ruined Packer	
					Final Shut-In	45	Mileage	76 RT <u>76^{mi}</u>

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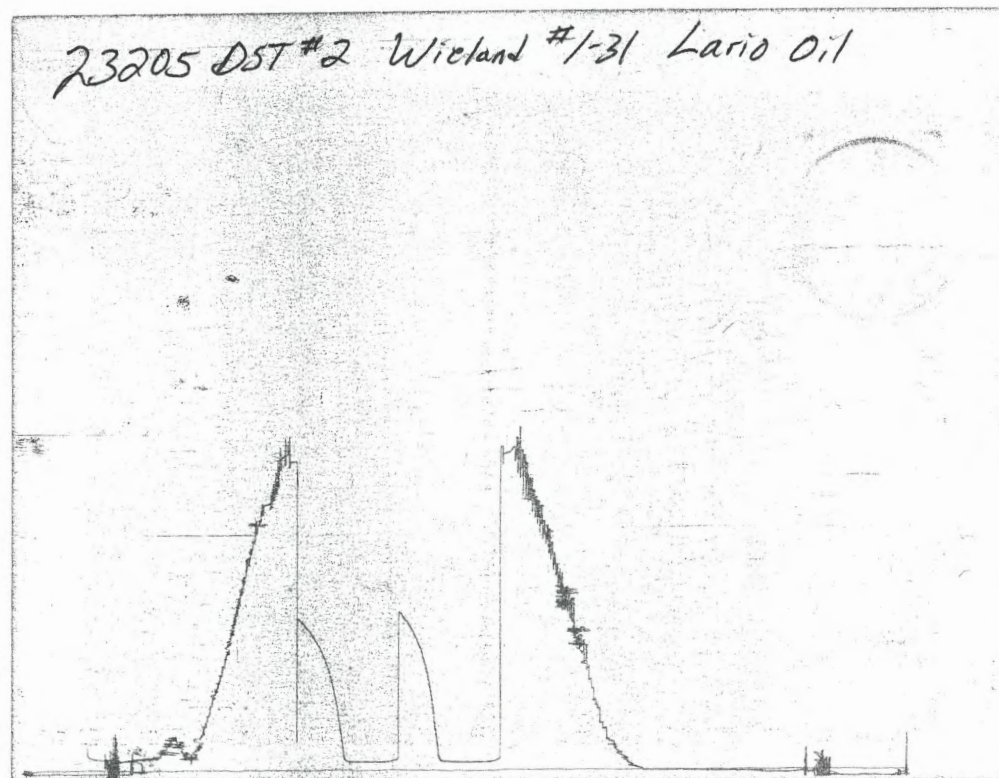
Approved By Vernon E. Schrag
Our Representative Chuck Smith

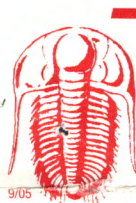
T-On Location 06:25am
T-Started 06:37am
T-Open 11:44am
T-Pulled 14:17 pm
T-Out 16:44 pm

Sub Total: 1426.00
Std. By 1 1/4 62.50
Other _____
Total: 81488.50

CHART PAGE

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





TRILOBITE TESTING INC.

24 Hour # 800-728-5369

Hays, FAX# (785) 625-5620

Hays, KS 67601

Ph: (785) 625-4778

Paul Simpson

Dan Bangle

Ray Schwager

John Schmidt

Jason McLemore

Joe Ramsey

Scott City, KS 67871

Ph: (620) 872-5479

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Brandon Turley

Hugoton, KS 67951

Ph: (620) 544-4019

Chris Hagman

Harley Davidson

Dustin Rash

Pratt, KS 67124

Ph: (620) 672-6679

Gary Pevoteaux

Darren Amerine

Davy Cline

Jacob Fahrenbruch

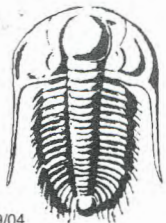
Emily,

1-22-06

I had started out of Scott City
for dst #3 when the geologist called
saying the hole was tight and they
needed to circulate another 1 1/2 hrs.
So I turned around. Mileage extra
was 8.0 (plus 76).

Chuck

PS This was @ 1:45 pm Sunday when
I left the 1st time.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23206

9/04

Test Ticket

Well Name & No. <u>Wieland #1-31</u>	Test No. <u>3</u>	Date <u>1-22-06</u>
Company <u>Lario Oil & Gas Company</u>	Zone Tested <u>Johnson</u>	
Address <u>301 S. Market St. Wichita, KS 67202</u>	Elevation <u>2979</u>	KB <u>2969</u> GL
Co. Rep / Geo. <u>Vern Schrag</u>	Cont. <u>Martin #14</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>31</u> Twp. <u>12N</u> Rge. <u>31W</u>	Co. <u>Gove</u>	State <u>KS</u>
No. of Copies <u>norm</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4544 to 4590</u>	Initial Str Wt./Lbs. <u>104,000</u>	Unseated Str Wt./Lbs. <u>106,000</u>
Anchor Length <u>46</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>111,000</u>
Top Packer Depth <u>4540</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>4544</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4590</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>560</u>
Mud Wt. <u>9.2</u> LCM <u>2</u> Vis. <u>51</u> WL <u>6.4</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3,964</u>

Blow Description IF: 1/4" blow built to 5 1/2" over 30 min.
IS: No return over 45 min.
FF: 1/4" blow built to 7" over 60 min.
KS: After 3 min surface blow built to 1/8", died @ 24 min. over 90 min.

Recovery - Total Feet <u>270</u>	GIP <u>90</u>	Ft. in DC <u>270</u>	Ft. in DP <u>0</u>
Rec. <u>90</u> Feet of <u>FO</u>	<u>20</u> %gas <u>80</u> %oil	%water	%mud
Rec. <u>180</u> Feet of <u>HOCM</u>	%gas <u>40</u> %oil	%water <u>60</u>	%mud
Rec. _____ Feet of _____	%gas _____ %oil	%water	%mud
Rec. _____ Feet of _____	%gas _____ %oil	%water	%mud
Rec. _____ Feet of _____	%gas _____ %oil	%water	%mud
BHT <u>121</u> °F Gravity <u>29</u>	°API D @ <u>20</u>	°F Corrected Gravity <u>33</u>	°API
RW _____ @ _____ °F	Chlorides <u>3,400</u> ppm	Recovery <u>3,400</u>	Chlorides <u>3,400</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2,285</u> PSI	Alpine	Recorder No. <u>8017</u>	Test X <u>1,100⁰⁰</u>
(B) First Initial Flow Pressure	<u>23</u> PSI		(depth) <u>4550</u>	Jars X <u>200⁰⁰</u>
(C) First Final Flow Pressure	<u>65</u> PSI		Recorder No. <u>13276</u>	Safety Jt. X <u>50⁰⁰</u>
(D) Initial Shut-In Pressure	<u>1,136</u> PSI		(depth) <u>4585</u>	Circ Sub X <u>NIC</u>
(E) Second Initial Flow Pressure	<u>69</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>124</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,131</u> PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,229</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer _____

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Approved By Vernon Schrag
 Our Representative Chuck Smith

Final Flow	<u>60</u>	Ruined Packer	<u>84</u>
Final Shut-In	<u>90</u>	Mileage	<u>1434</u>
T-On Location	<u>17:50</u>	Sub Total:	<u>37.50</u>
T-Started	<u>18:20</u>	Std. By <u>.75</u>	<u>37.50</u>
T-Open	<u>20:59</u>	Other	
T-Pulled	<u>00:45</u>	Total:	<u>\$1471.50</u>
T-Out	<u>03:47</u>		

CHART PAGE

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

