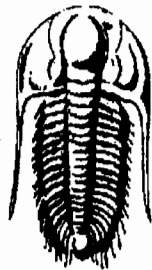


W177 100

15-033-21291



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**RELEASED**

Prepared For: **Lario Oil & Gas**

**JAN 04 2001**

301 S. Market.  
Wichita, KS 67202

**FROM CONFIDENTIAL**

**CONFIDENTIAL**

ATTN: Pat Deanna

**30-33S-19W**

**Baker #1-30**

Start Date: 2001.03.14 @ 23:03:32

End Date: 2001.03.15 @ 08:46:17

Job Ticket #: 15320 DST #: 1

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

Lario Oil & Gas

Baker #1-30

30-33S-19W

DST # 1

Altamont

2001.03.14

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**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Lario Oil & Gas  
301 S. Market.  
Wichita, KS 67202  
ATTN: Pat Deenihan

**Baker #1-30**  
**30-33S-19W**  
Job Ticket: 15320      **DST#: 1**  
Test Start: 2001.03.14 @ 23:03:32

**GENERAL INFORMATION:**

Formation: **Altamont**  
Deviated: **No** Whipstock:      ft (KB)  
Time Tool Opened: 01:50:32  
Time Test Ended: 08:46:17

**RELEASED**

Test Type: **Conventional Bottom Hole**  
Tester: **Darren L. Amerine**  
Unit No: **19**

Interval: **5015.00 ft (KB) To 5040.00 ft (KB) (TVD)**  
Total Depth: **5040.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

**JAN 04 2005**

Reference Elevations: **1890.00 ft (KB)**  
**1885.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**FROM CONFIDENTIAL**

**Serial #: 3302**

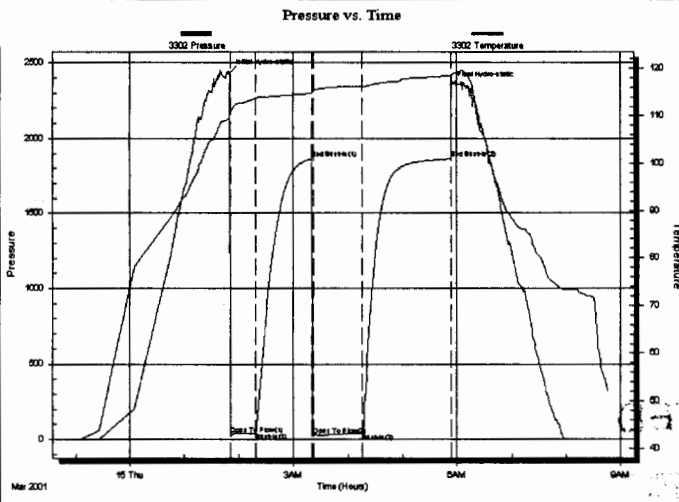
**Inside**

Press@RunDepth: **39.26 psig @ 5016.00 ft (KB)**  
Start Date: **2001.03.14** End Date: **2001.03.15**  
Start Time: **23:03:34** End Time: **08:46:17**

Capacity: **7000.00 psig**  
Last Calib.: **2002.02.12**  
Time On Btm: **2001.03.15 @ 01:49:32**  
Time Off Btm: **2001.03.15 @ 05:54:02**

**TEST COMMENT:**

IF: Fair blow b.o.b in 2 min.  
IS: Bled down n for 5 min. no blow back.  
FF: Strong blow b.o.b in 30 sec. STS in 48 min. ISM.  
FS: Bled down n for 10 min. built back to 1/4" in H2O bucket.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2434.09	109.59	Initial Hydro-static
1	31.79	110.42	Open To Flow (1)
30	42.02	113.74	Shut-In(1)
92	1862.76	114.72	End Shut-In(1)
93	27.14	115.06	Open To Flow (2)
147	39.26	116.07	Shut-In(2)
245	1864.20	118.41	End Shut-In(2)
245	2350.22	118.55	Final Hydro-static


**Recovery**

Length (ft)	Description	Volume (bbl)
4945.00	01 - Gas	67.15
70.00	VSO&GCM	0.98

**Gas Rates**

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

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 <p><b>TRILOBITE TESTING, INC.</b></p>	<b>DRILL STEM TEST REPORT</b>		<b>TOOL DIAGRAM</b>
	Lario Oil & Gas 301 S. Market. Wichita, KS 67202  ATTN: Pat Deenihan	<b>Baker #1-30</b>  <b>30-33S-19W</b> Job Ticket: 15320 <b>DST#: 1</b>  Test Start: 2001.03.14 @ 23:03:32	

**Tool Information**

Drill Pipe: Length: 4774.00 ft	Diameter: 3.80 inches	Volume: 66.97 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar: Length: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 90000.00 lb
Total Volume: 68.17 bbl			Tool Chased 0.00 ft
Drill Pipe Above KB: 30.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer: 5015.00 ft			Final 73000.00 lb
Depth to Bottom Packer: ft			
Interval between Packers: 25.00 ft			
Tool Length: 53.00 ft			
Number of Packers: 2	Diameter: 6.75 inches		

**RELEASED**

**JAN 04 2005**

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**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			4988.00		
S.I. Tool	5.00			4993.00		
HMV	5.00			4998.00		
Jars	5.00			5003.00		
Safety Joint	2.00			5005.00		
Packer	5.00			5010.00	28.00	Bottom Of Top Packer
Packer	5.00			5015.00		
Stubb	1.00			5016.00		
Recorder	0.00	3302	Inside	5016.00		
Anchor	20.00			5036.00		
Recorder	0.00	13769	Outside	5036.00		
Bullnose	4.00			5040.00	25.00	Bottom Packers & Anchor

**Total Tool Length: 53.00**

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil & Gas  
301 S. Market.  
Wichita, KS 67202  
ATTN: Pat Deenihan

**Baker #1-30**  
**30-33S-19W**  
Job Ticket: 15320      **DST#: 1**  
Test Start: 2001.03.14 @ 23:03:32

## 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.10 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: 0.32 inches			

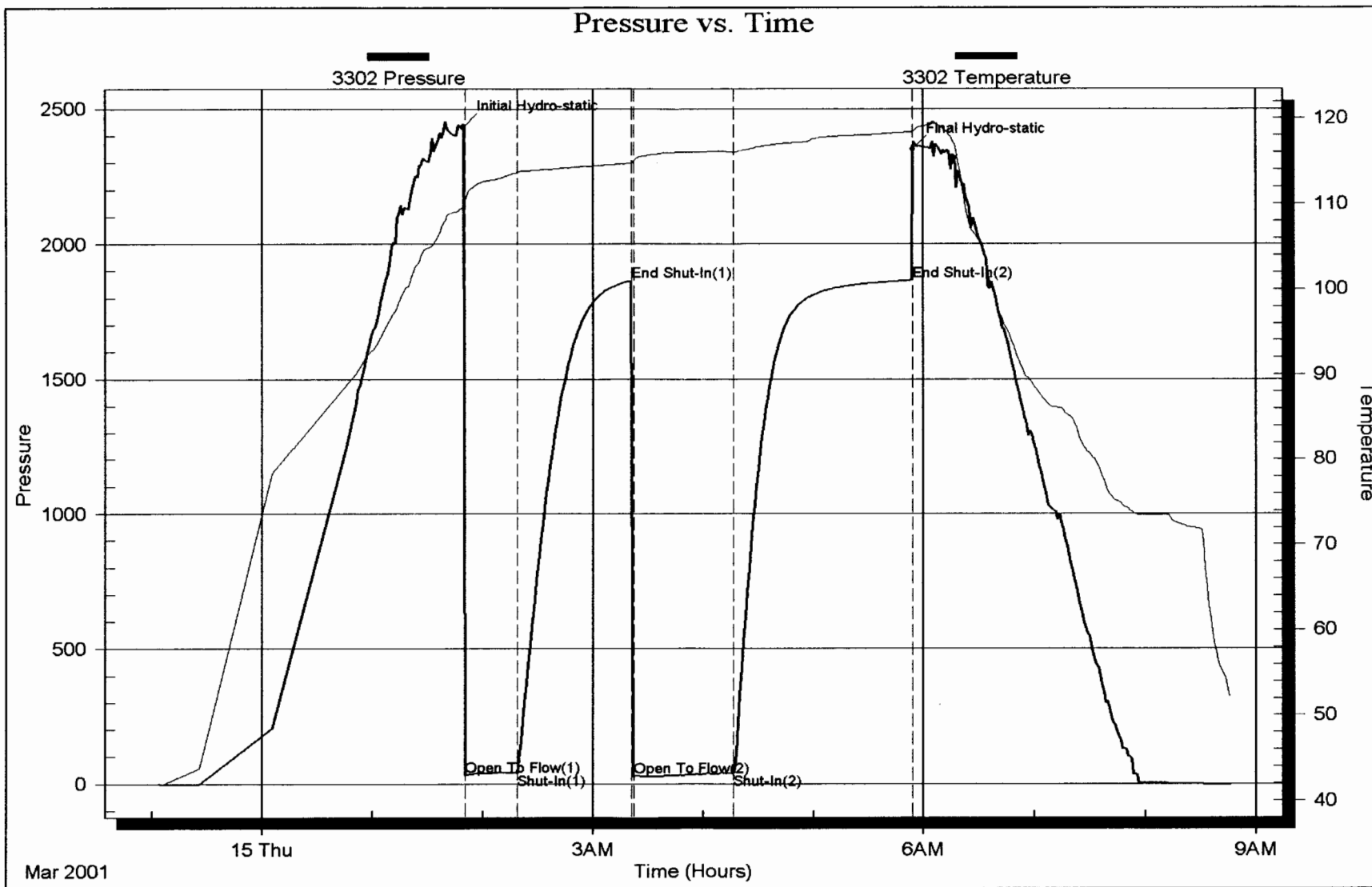
## Recovery Information

Recovery Table

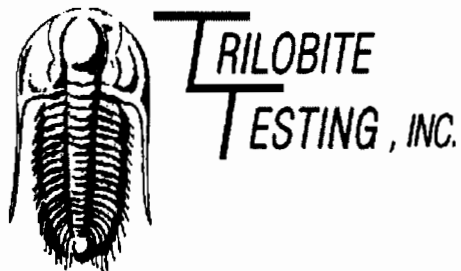
Length ft	Description	Volume bbl
4945.00	01 - Gas	67.152
70.00	VSO&GCM	0.982

Total Length: 5015.00 ft      Total Volume: 68.134 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name: Caraway      Laboratory Location: Liberal KS  
 Recovery Comments:

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## DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 S. Market.  
Wichita, KS 67202

ATTN: Pat Deenihan

**30-33S-19W**

**Baker #1-30**

Start Date: 2001.03.15 @ 20:34:36

End Date: 2001.03.16 @ 05:00:21

Job Ticket #: 15321                      DST #: 2

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# DRILL STEM TEST REPORT

Lario Oil & Gas

**Baker #1-30**

301 S. Market.  
Wichita, KS 67202

**30-33S-19W**

Job Ticket: 15321

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2001.03.15 @ 20:34:36

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:10:21

Time Test Ended: 05:00:21

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **5060.00 ft (KB) To 5078.00 ft (KB) (TVD)**

Reference Elevations: 1890.00 ft (KB)

Total Depth: 5078.00 ft (KB) (TVD)

1885.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 3302**

Inside

Press@RunDepth: 123.05 psig @ 5061.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.03.15

End Date:

2001.03.16

Last Calib.:

2002.02.13

Start Time: 20:34:38

End Time:

05:00:21

Time On Btm:

2001.03.15 @ 23:09:36

Time Off Btm:

2001.03.16 @ 02:08:21

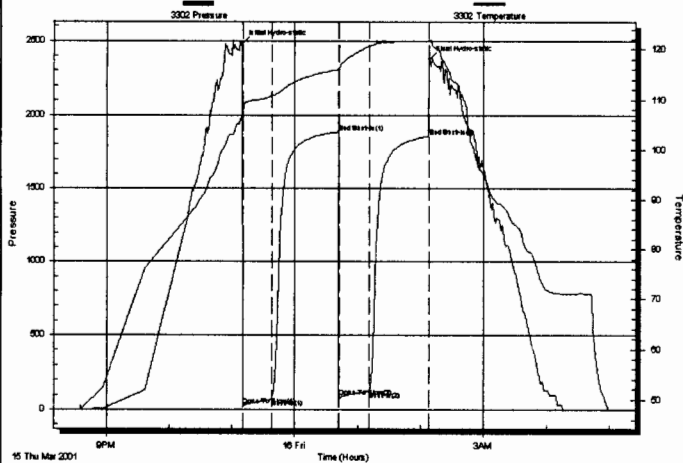
TEST COMMENT: IF: Fair blow b.o.b in 20 min.

IS: Bled down n for 20 min. no blow back.

FF: Fair blow built to b.o.b 28 min.

FS: Bled down n for 5 min. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2477.53	106.72	Initial Hydro-static
1	28.76	107.16	Open To Flow (1)
29	70.68	110.78	Shut-In(1)
92	1883.23	116.03	End Shut-In(1)
93	82.42	116.20	Open To Flow (2)
122	123.05	120.68	Shut-In(2)
179	1857.07	121.71	End Shut-In(2)
179	2376.72	121.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	350 - Mud cut Water	0.59
65.00	SGCM 2% gas 98% mud	0.32

Gas Rates

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

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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Lario Oil & Gas

**Baker #1-30**

301 S. Market.  
Wichita, KS 67202

**30-33S-19W**

Job Ticket: 15321

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2001.03.15 @ 20:34:36

### Tool Information

Drill Pipe:	Length: 4807.00 ft	Diameter: 3.80 inches	Volume: 67.43 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	5060.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5033.00	
S.I. Tool	5.00			5038.00	
HMV	5.00			5043.00	
Jars	5.00			5048.00	
Safety Joint	2.00			5050.00	
Packer	5.00			5055.00	28.00 Bottom Of Top Packer
Packer	5.00			5060.00	
Stubb	1.00			5061.00	
Recorder	0.00	3302	Inside	5061.00	
Anchor	13.00			5074.00	
Recorder	0.00	13769	Outside	5074.00	
Bullnose	4.00			5078.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 46.00**

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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas

**Baker #1-30**

301 S.Market.  
Wichita, KS 67202

**30-33S-19W**

Job Ticket: 15321

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2001.03.15 @ 20:34:36

**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:	45000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.60 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.10 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.32 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
120.00	350 - Mud cut Water	0.590
65.00	SGCM 2%gas 98%mud	0.320

Total Length: 185.00 ft      Total Volume: 0.910 bbl

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

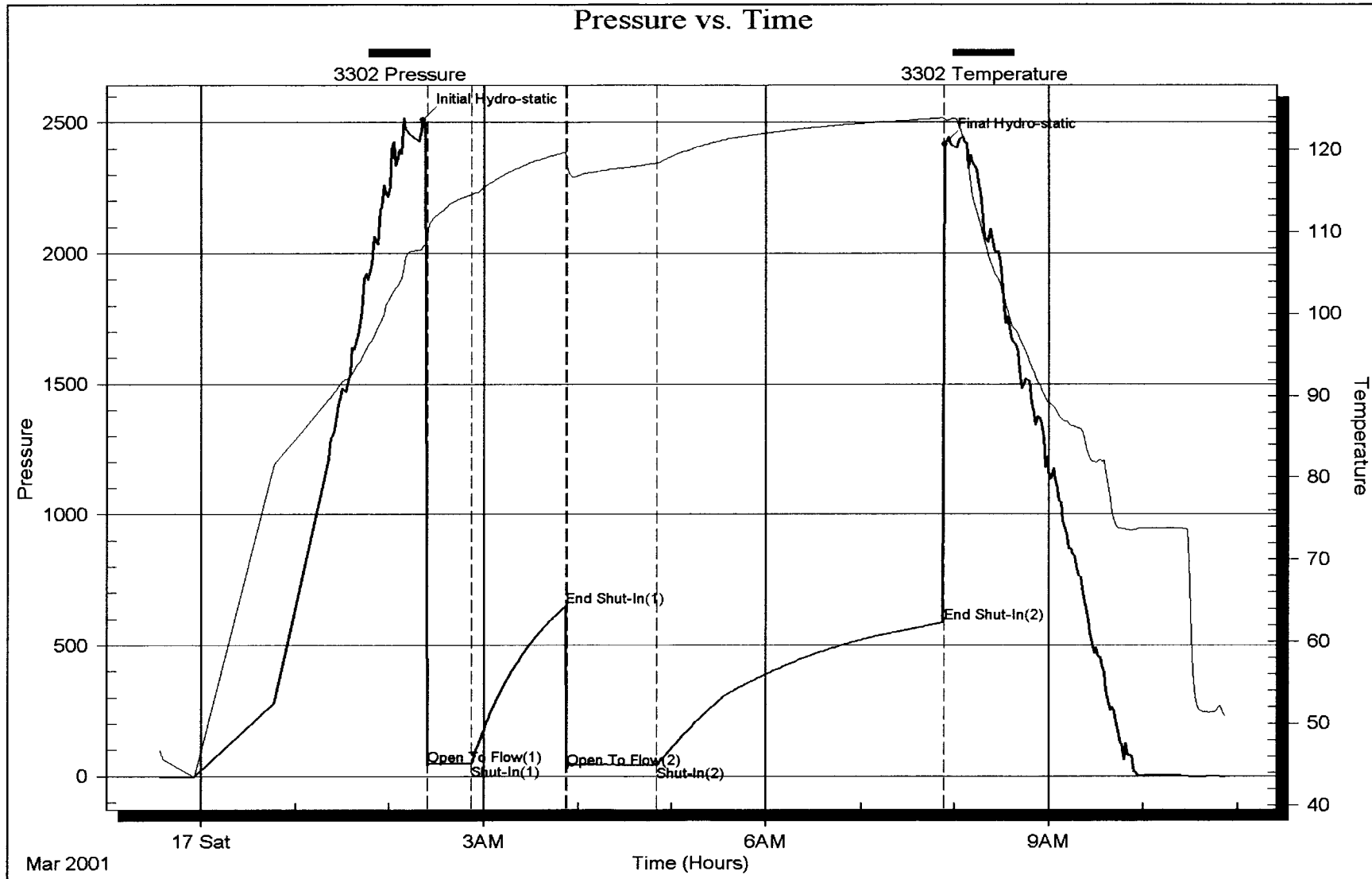
Laboratory Name: Caraway      Laboratory Location: Liberal KS

Recovery Comments:

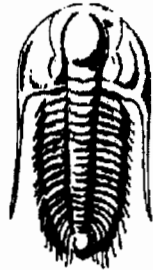
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## DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 S. Market.  
Wichita, KS 67202

ATTN: Pat Deenihan

**30-33S-19W**

**Baker #1-30**

Start Date: 2001.03.16 @ 23:33:48

End Date: 2001.03.17 @ 10:52:18

Job Ticket #: 15322                      DST #: 3

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Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil & Gas

**Baker #1-30**

301 S. Market.  
Wichita, KS 67202

**30-33S-19W**

ATTN: Pat Deenihan

Job Ticket: 15322

**DST#: 3**

Test Start: 2001.03.16 @ 23:33:48

### GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:23:48

Time Test Ended: 10:52:18

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **5145.00 ft (KB) To 5235.00 ft (KB) (TVD)**

Reference Elevations: 1890.00 ft (KB)

Total Depth: 5235.00 ft (KB) (TVD)

1885.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 3302**

**Inside**

Press@RunDepth: 40.52 psig @ 5146.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.03.16

End Date: 2001.03.17

Last Callib.: 2002.02.14

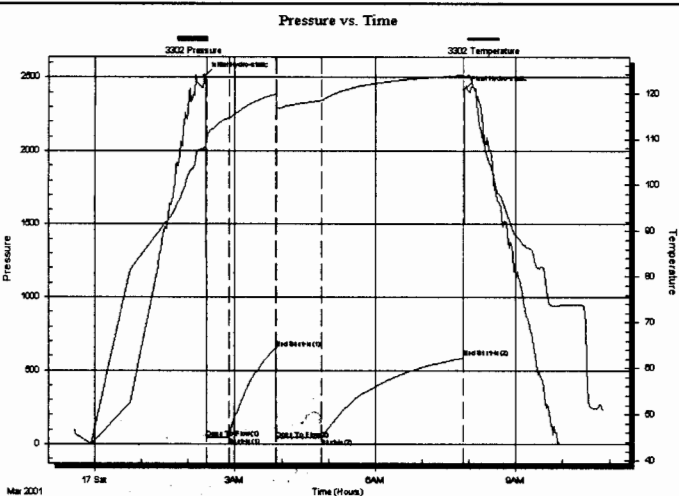
Start Time: 23:33:50

End Time: 10:52:18

Time On Btm: 2001.03.17 @ 02:21:03

Time Off Btm: 2001.03.17 @ 07:53:48

**TEST COMMENT:** IF: Strong blow b.o.b in 60 sec.  
IS: Bled down n for 5 min. Built back to 1/4" in H2O bucket.  
FF: Strong blow b.o.b in 20 sec.  
FS: Bled down n for 20 min. built back to b.o.b. in 30 min.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2511.38	108.26	Initial Hydro-static
3	42.76	109.66	Open To Flow (1)
31	46.71	114.59	Shut-In (1)
91	649.69	119.75	End Shut-In (1)
92	31.27	118.03	Open To Flow (2)
150	40.52	118.38	Shut-In (2)
332	585.78	123.90	End Shut-In (2)
333	2416.71	123.75	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
1060.00	01 - Gas	12.66
65.00	VSGCM 2% gas 98% mud	0.91

### 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

**Baker #1-30**

301 S. Market.  
Wichita, KS 67202

**30-33S-19W**

Job Ticket: 15322

**DST#: 3**

ATTN: Pat Deenihan

Test Start: 2001.03.16 @ 23:33:48

### Tool Information

Drill Pipe:	Length: 4895.00 ft	Diameter: 3.80 inches	Volume: 68.66 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 69.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5145.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	118.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5118.00	
S.I. Tool	5.00			5123.00	
HMV	5.00			5128.00	
Jars	5.00			5133.00	
Safety Joint	2.00			5135.00	
Packer	5.00			5140.00	28.00 Bottom Of Top Packer
Packer	5.00			5145.00	
Stubb	1.00			5146.00	
Recorder	0.00	3302	Inside	5146.00	
Anchor	22.00			5168.00	
Blank Spacing	63.00			5231.00	
Recorder	0.00	13769	Outside	5231.00	
Bullnose	4.00			5235.00	90.00 Bottom Packers & Anchor

**Total Tool Length: 118.00**

INVENT 7.8

0.942

0.000000

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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas

**Baker #1-30**

301 S. Market.  
Wichita, KS 67202

**30-33S-19W**

Job Ticket: 15322

**DST#: 3**

ATTN: Pat Deenihan

Test Start: 2001.03.16 @ 23:33:48

**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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.10 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.32 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1060.00	01 - Gas	12.655
65.00	VSGCM 2%gas 98%mud	0.912

Total Length: 1125.00 ft      Total Volume: 13.567 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:

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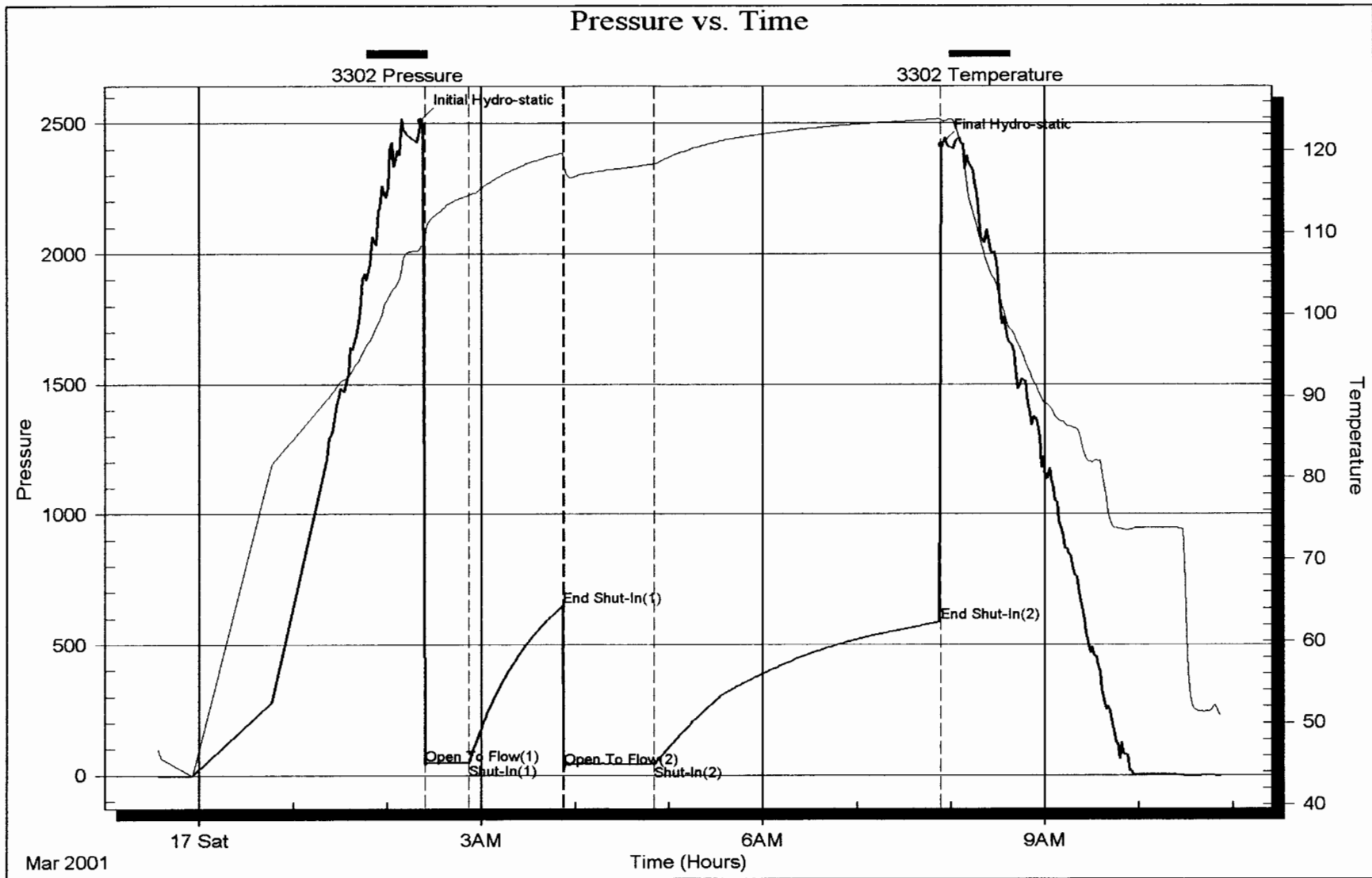
MAR 20 2002

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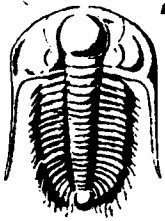
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# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15320

## Test Ticket

Well Name & No. Baker #1-30 Test No. #1 Date 2-11-02  
 Company Lario Oil & Gas 301 S. Market Zone Tested Altamont  
 Address Wichita, Ks. 67202 Elevation 1890 KB 1885 GL  
 Co. Rep / Geo. Pat Deenihan Cont. Pickrell #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 30 Twp. 33S Rge. 19W Co. Comanche State Ks  
 No. of Copies 5 Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5015' - 5040' Initial Str Wt./Lbs. 73000 Unseated Str Wt./Lbs. 73000  
 Anchor Length 25' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 90000  
 Top Packer Depth 5010' Tool Weight 2100  
 Bottom Packer Depth 5015' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 5040' Wt. Pipe Run N/A Drill Collar Run 243  
 Mud Wt. 9.2 LCM 2 1/2 Vis. 52 WL 9.6 Drill Pipe Size 4 1/2 XH Ft. Run 4774

Blow Description IF: Soil blow p.o.b in 2 mins.  
IST: Bled down for 5 mins. No blow back.  
FF: Strong blow p.o.b in 30 sec. GTS in 48 mins TSTM  
FSI: Bled down for 10 mins. Built back to 1/4" in N10 bucket.

Recovery — Total Feet 70' GIP 4945' Ft. in DC 70' Ft. in DP N/A  
 Rec. 70 Feet Of USOFCM 2 %gas Trace%oil %water 98% mud  
 Rec. 4945' Feet Of GIP %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 118° °F Gravity      °API D@      °F Corrected Gravity      °API  
 RW      @      °F Chlorides      ppm Recovery Chlorides 5,500 ppm System

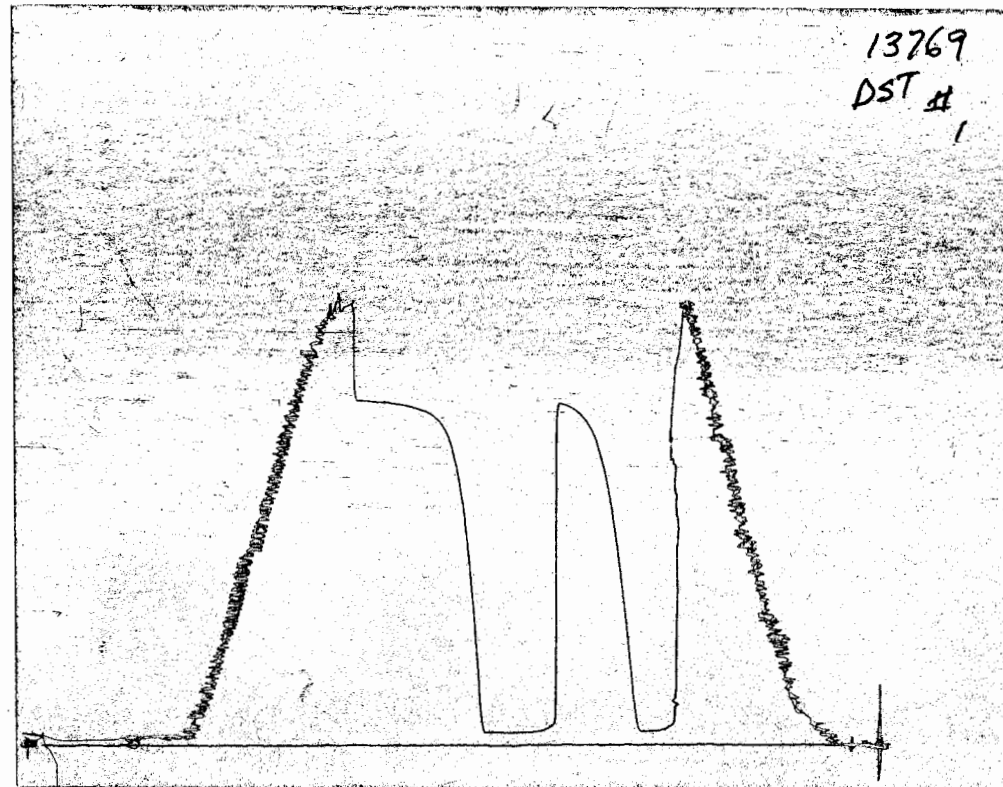
	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>2428</u>		<u>3302</u>	<u>2000</u>
(B) First Initial Flow Pressure		<u>32</u>	PSI	(depth) <u>5016'</u>	T-Started <u>2303</u>
(C) First Final Flow Pressure		<u>41</u>	PSI	Recorder No. <u>13769</u>	T-Open <u>0120</u>
(D) Initial Shut-In Pressure		<u>1862</u>	PSI	(depth) <u>5036'</u>	T-Pulled <u>0520</u>
(E) Second Initial Flow Pressure		<u>27</u>	PSI	Recorder No. <u>    </u>	T-Out <u>0846</u>
(F) Second Final Flow Pressure		<u>39</u>	PSI	(depth) <u>    </u>	T-Off Location <u>0900</u>
(G) Final Shut-in Pressure		<u>1864</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>900</u>
(Q) Final Hydrostatic Mud		<u>2399</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>90</u>	Straddle <u>    </u>
					Circ. Sub <u>    </u>
					Sampler <u>    </u>
					Extra Packer <u>    </u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
					Mileage <u>75</u>
					Other <u>3 90</u>
					TOTAL PRICE \$ <u>1300 1465</u>

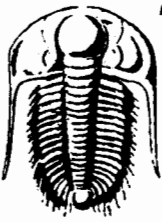
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Approved By Patrick Deenihan  
 Our Representative Darren Shoverne

# CHART PAGE

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15321

## Test Ticket

Well Name & No. Baker #1-30 Test No. #2 Date 02-12-02  
 Company Lario Oil & Gas Zone Tested Pawnee  
 Address 301 S Market Wichita, KS 67202 Elevation 1890 KB 1885 GL  
 Co. Rep / Geo. Pat Deenihan Cont. Petrell #1 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 30 Twp. 33S Rge. 19W Co. Comanche State KS  
 No. of Copies 5 Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5060' - 5078' Initial Str Wt./Lbs. 73000 Unseated Str Wt./Lbs. 74000  
 Anchor Length 18' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 85000  
 Top Packer Depth 5055' Tool Weight 2100  
 Bottom Packer Depth 5060' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 5078' Wt. Pipe Run N/A Drill Collar Run 243  
 Mud Wt. 9.2 LCM 3# Vis. 62 WL 9.6 Drill Pipe Size 4 1/2 x H Ft. Run 4807'

Blow Description TF: Fair blow built to 60 b in 20 mins.  
IST: Bled down for 20 mins. No blow back.  
FF: Fair blow built to 60 b in 28 mins.  
FST: Bled down for 5 mins.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>185'</u>	<u>Trace</u>	<u>185'</u>	<u>N/A</u>
Rec. <u>65'</u> Feet Of <u>SGCM</u>		<u>2%</u> gas	<u>98%</u> oil
Rec. <u>120'</u> Feet Of <u>MCDWU 20</u>		<u>70%</u> gas	<u>28%</u> oil
Rec. _____ Feet Of _____		% gas	% oil
Rec. _____ Feet Of _____		% gas	% oil
Rec. _____ Feet Of _____		% gas	% oil

BHT 122" °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW 0.2 @ 65' °F Chlorides 45000 ppm Recovery Chlorides 5000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>2498</u>		<u>3302</u>	<u>2000</u>
(B) First Initial Flow Pressure		<u>29</u>		(depth) <u>5061'</u>	T-Started <u>2034</u>
(C) First Final Flow Pressure		<u>71</u>		Recorder No. <u>13769</u>	T-Open <u>2240</u>
(D) Initial Shut-In Pressure		<u>1884</u>		(depth) <u>3074'</u>	T-Pulled <u>0140</u>
(E) Second Initial Flow Pressure		<u>82</u>		Recorder No. _____	T-Out <u>0500</u>
(F) Second Final Flow Pressure		<u>123</u>		(depth) _____	T-Off Location <u>0515'</u>
(G) Final Shut-in Pressure		<u>1857</u>		Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>900</u>
(Q) Final Hydrostatic Mud		<u>2404</u>		Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
				Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>60</u>	Straddle _____

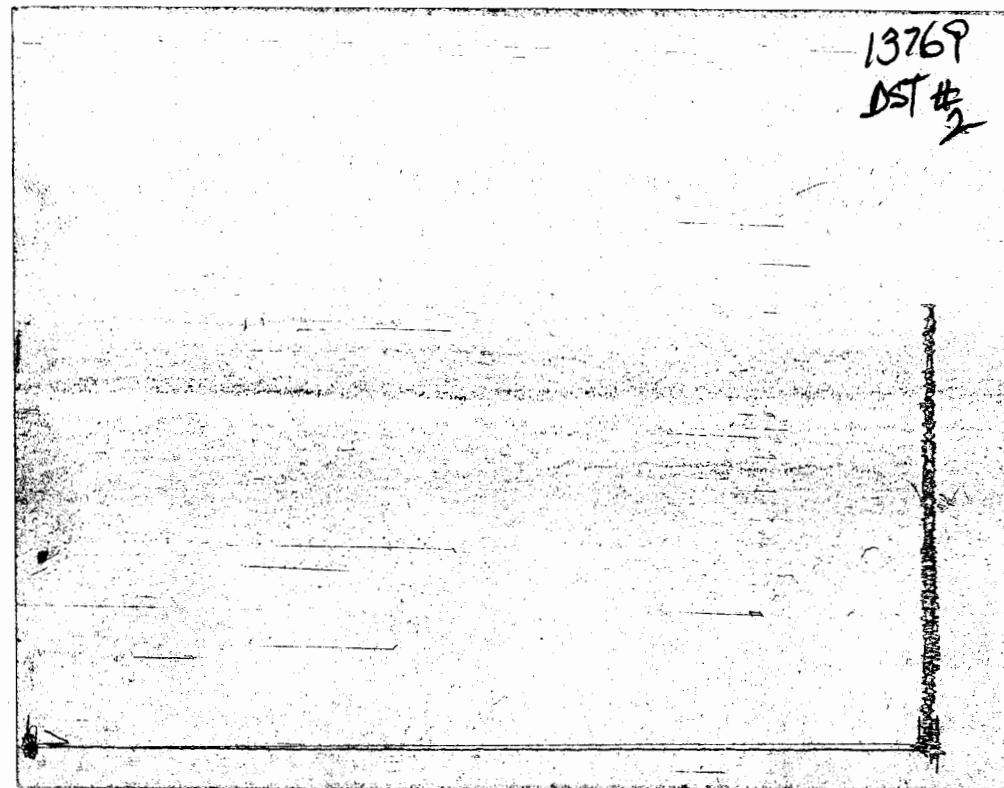
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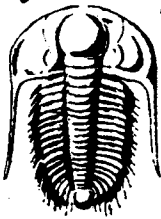
Approved By [Signature]  
 Our Representative Darren Flamingo

Extra Packer \_\_\_\_\_  
 Elec. Rec.  150  
 Mileage 75  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ 1375

# CHART PAGE

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# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15322

## Test Ticket

Well Name & No. Baker #1-30 Test No. #3 Date 02-13-02  
 Company Laric Oil & Gas Zone Tested MS  
 Address 301 S. Market Wichita, Ks. 67202 Elevation 1890 KB 1805 GL  
 Co. Rep / Geo. Pat Deenihan Cont. Pickrell #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 30 Twp. 33S Rge. 19W Co. Camaracha State KS  
 No. of Copies 5 Distribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 5145 - 5235 Initial Str Wt./Lbs. 76000 Unseated Str Wt./Lbs. 26000  
 Anchor Length 90' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 85000  
 Top Packer Depth 5140' Tool Weight 2100  
 Bottom Packer Depth 5145' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 5235 Wt. Pipe Run N/A Drill Collar Run 243'  
 Mud Wt. 9.2 LCM 3# Vis. 60 WL 12.2 Drill Pipe Size 4 1/2 X H Ft. Run 7958'

Blow Description IF: Strong blow b.o.d. in 60 sec.  
TSI: Bled down for 5 mins. built back to 1/4" in 1/20 bucket  
FF: Strong blow b.o.d. in 20 sec.  
FSI: Bled down for 20 mins. built back to b.o.d.

Recovery — Total Feet 65' GIP 1060 Ft. in DC 65' Ft. in DP N/A  
 Rec. 65' Feet Of USED M 2 %gas %oil %water 98% mud  
 Rec. 1060' 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 124 °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 7,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>2511</u>	<u>3302</u>	<u>2230</u>
(B) First Initial Flow Pressure		<u>43</u>	(depth) <u>5146'</u>	T-Started <u>2333</u>
(C) First Final Flow Pressure		<u>47</u>	PSI Recorder No. <u>13769</u>	T-Open <u>0150</u>
(D) Initial Shut-In Pressure		<u>645</u>	(depth) <u>5231'</u>	T-Pulled <u>0720</u>
(E) Second Initial Flow Pressure		<u>31</u>	PSI Recorder No. _____	T-Out <u>1052</u>
(F) Second Final Flow Pressure		<u>44</u>	(depth) _____	T-Off Location <u>1100</u>
(G) Final Shut-in Pressure		<u>584</u>	PSI Initial Opening <u>30</u>	Test <u>✓ 900</u>
(Q) Final Hydrostatic Mud		<u>2417</u>	PSI Initial Shut-in <u>60</u>	Jars <u>✓ 200</u>
			Final Flow <u>60</u>	Safety Joint <u>✓ 50</u>
			Final Shut-in <u>180</u>	Straddle _____
				Circ. Sub _____
				Sampler _____
				Extra Packer _____
				Elec. Rec. <u>✓ 150</u>
				Mileage <u>75</u>
				Other <u>1 hr 30</u>
				TOTAL PRICE \$ <u>1405</u>

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Approved By Pat Deenihan  
 Our Representative Darren Deenihan

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