

15-191-22569

2-33s-1w

IND



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

Lumbert # 1-2

301 S. Market
Wichita, Kansas 67202

2-33s-1w Sumner KS

Job Ticket: 36495

DST#: 1

ATTN: Vern Schrag

Test Start: 2009.11.22 @ 18:20:56

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 20:54:56
Time Test Ended: 02:37:26

Test Type: **Conventional Bottom Hole**
Tester: **Jerry Adams**
Unit No: **45**

Interval: **4258.00 ft (KB) To 4278.00 ft (KB) (TVD)**
Total Depth: **4278.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1232.00 ft (KB)**
1224.00 ft (CF)
KB to GR/CF: **8.00 ft**

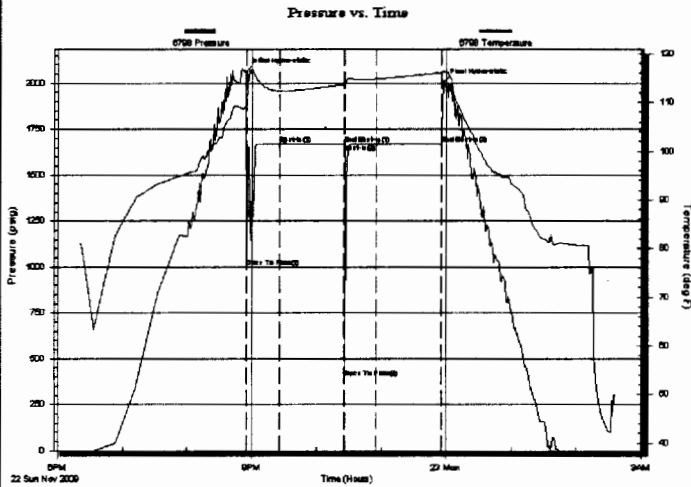
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Serial #: 6798	Inside				
Press@RunDepth:	1667.75 psig @	4259.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2009.11.22	End Date:	2009.11.23	Last Calib.:	2009.11.23
Start Time:	18:20:57	End Time:	02:37:26	Time On Btrr:	2009.11.22 @ 20:53:56
				Time Off Btrr:	2009.11.22 @ 23:57:26

TEST COMMENT: F:Weak blow . Built to 5", decreased to 3 1/2".
IS:No blow .
FF:No blow .
FS:No blow .



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2062.28	109.23	Initial Hydro-static
1	997.36	108.89	Open To Flow (1)
32	1667.79	112.37	Shut-In(1)
92	1668.07	113.67	End Shut-In(1)
93	393.98	112.96	Open To Flow (2)
122	1667.75	114.83	Shut-In(2)
182	1668.21	116.13	End Shut-In(2)
184	2005.78	116.33	Final Hydro-static

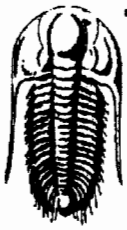
Recovery		
Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud 100% m	0.59

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company
301 S. Market
Wichita, Kansas 67202
ATTN: Vern Schrag

Lumbert # 1-2
2-33s-1w Sumner KS
Job Ticket: 36495 **DST#: 1**
Test Start: 2009.11.22 @ 18:20:56

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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 0.20 inches			

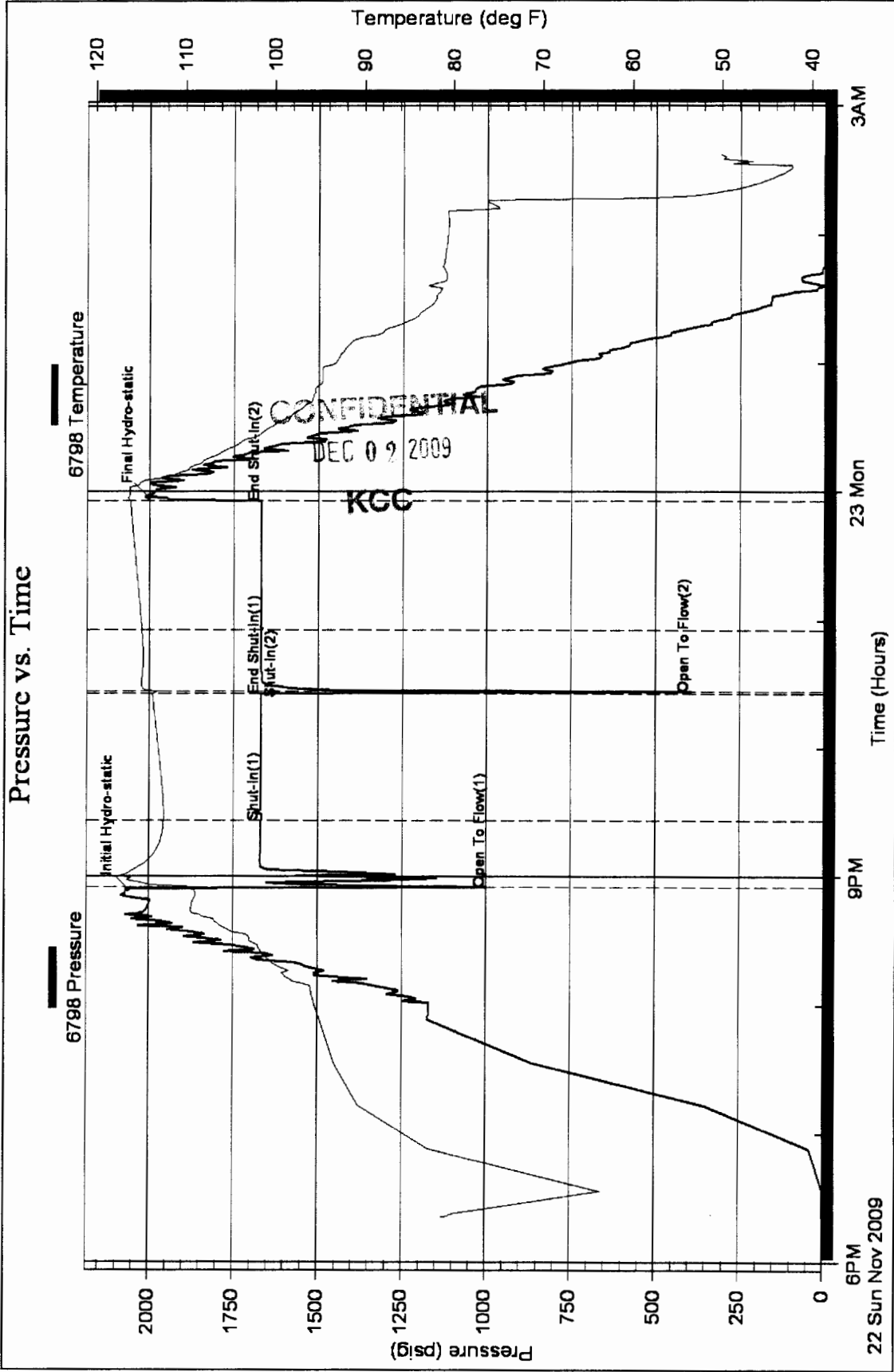
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Drilling Mud 100% _m	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



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TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

Lumbert # 1-2

301 S. Market
Wichita, Kansas 67202

2-33s-1w Sumner Co

Job Ticket: 36496

DST#: 2

ATTN: Vern Schrag

Test Start: 2009.11.23 @ 10:55:00

GENERAL INFORMATION:

Formation: **Simpson**

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

Time Tool Opened: 13:12:00

Time Test Ended: 17:49:00

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **45**

Interval: **4251.00 ft (KB) To 4279.00 ft (KB) (TVD)**

Total Depth: **4279.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1232.00 ft (KB)**

1224.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6798

Inside

Press@RunDepth: **772.46 psig @ 4252.00 ft (KB)**

Start Date: **2009.11.23**

Start Time: **10:55:01**

End Date: **2009.11.23**
End Time: **17:49:00**

Capacity: **8000.00 psig**

Last Calib.: **2009.11.23**

Time On Btm: **2009.11.23 @ 13:09:00**

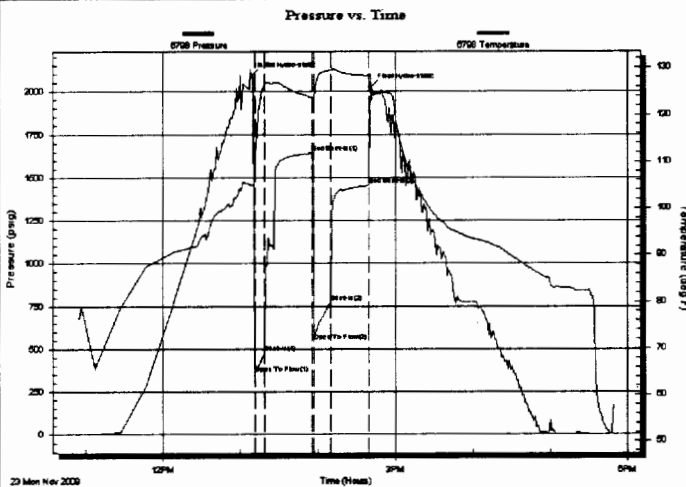
Time Off Btm: **2009.11.23 @ 14:40:30**

TEST COMMENT: **F: Strong blow . B.O.B. in 2 1/4 mins**
IS: Weak blow . Built to 1 1/4"
FF: Strong blow . B.O.B. in 2 mins.
FST: Fair blow . B.O.B. in 16 mins.

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PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.80	104.96	Initial Hydro-static
3	356.10	111.36	Open To Flow (1)
10	478.13	126.42	Shut-In(1)
47	1641.36	123.61	End Shut-In(1)
48	545.73	122.79	Open To Flow (2)
61	772.46	129.50	Shut-In(2)
91	1454.59	128.33	End Shut-In(2)
92	2023.51	128.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1650.00	Muddy Saltwater 75%w 25% m	19.69
0.00	RW = .440 @ 122 deg.	0.00
0.00		0.00

Gas Rates

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

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DST Test Number: 2

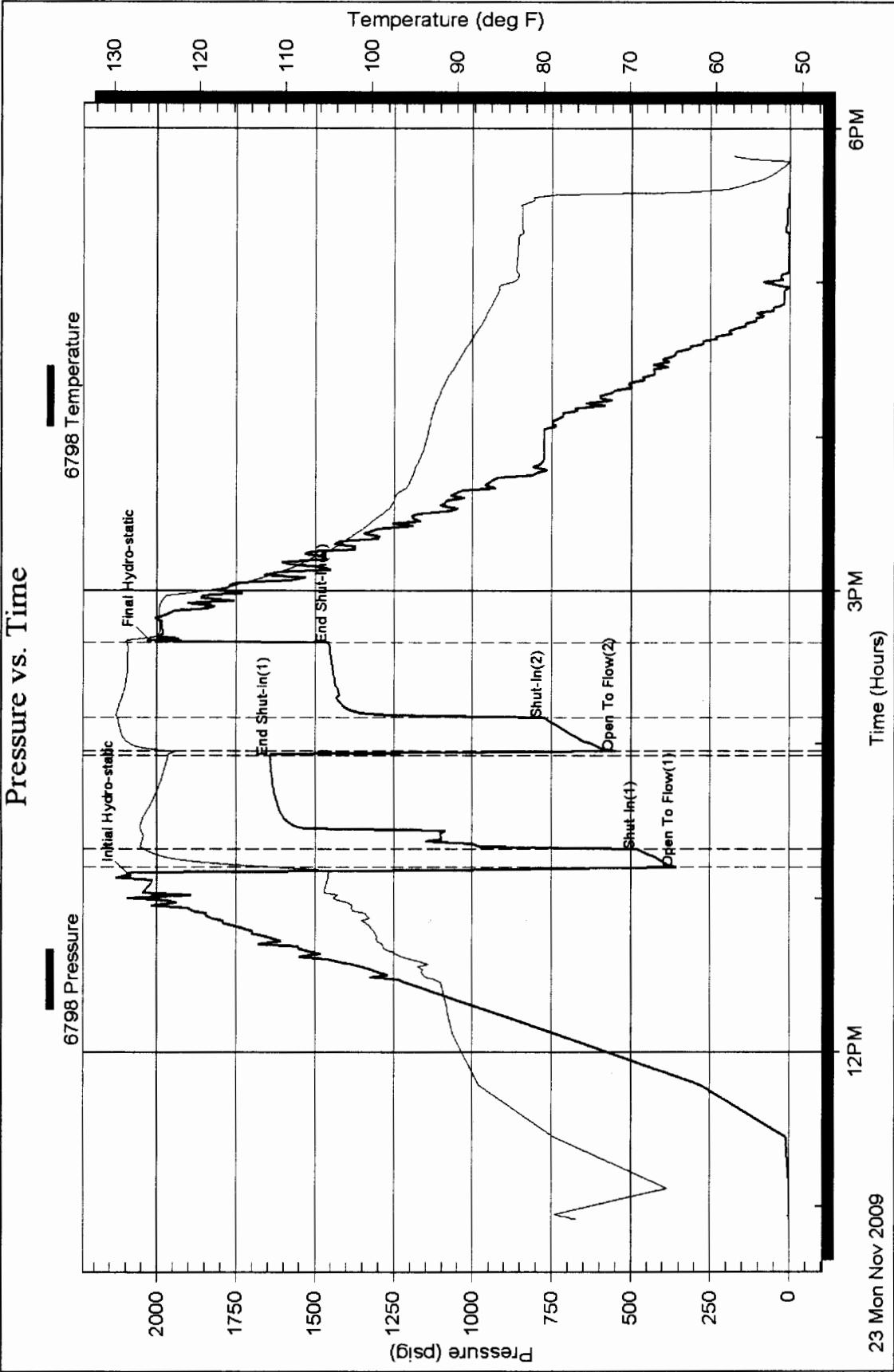
2-33s-1w Sumner Co

Lario Oil & Gas Company

Inside

Serial #: 6798

Pressure vs. Time



23 Mon Nov 2009