



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 S. Market
Wichita, KS 67202

ATTN: Vern Schrag

17-28s-5w-Kingman-KS

Dewey #1-17

Start Date: 2005.10.30 @ 05:45:04

End Date: 2005.10.30 @ 14:36:49

Job Ticket #: 21970 DST #: 1

CONFIDENTIAL

FEB 17 2006

KCC

RECEIVED

FEB 21 2005

KCC WICHITA

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
301 S. Market
Wichita, KS 67202
ATTN: Vern Schrag

Dewey #1-17
17-28s-5w-Kingman-KS
Job Ticket: 21970 DST#: 1
Test Start: 2005.10.30 @ 05:45:04

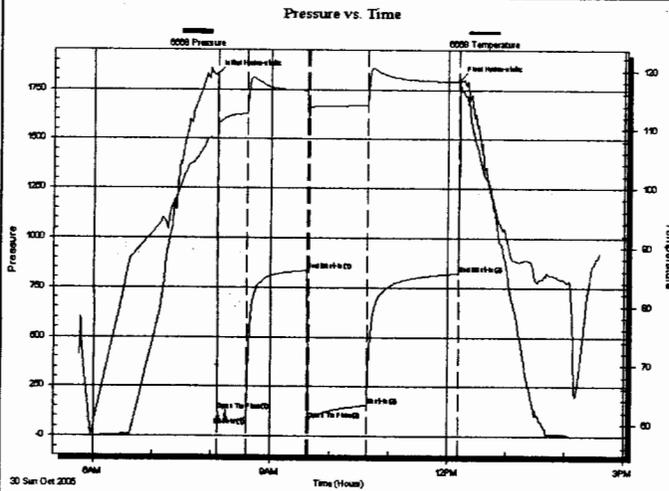
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 08:06:49
Time Test Ended: 14:36:49
Interval: **3782.00 ft (KB) To 3810.00 ft (KB) (TVD)**
Total Depth: **3810.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Reference Elevations: **1396.00 ft (KB)**
1391.00 ft (CF)
KB to GR/CF: **5.00 ft**

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 30

Serial #: 6668 Inside
Press@RunDepth: 155.97 psig @ 3783.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2005.10.30 End Date: 2005.10.30 Last Calib.: 2005.10.30
Start Time: 05:45:05 End Time: 14:36:49 Time On Btm: 2005.10.30 @ 08:05:34
Time Off Btm: 2005.10.30 @ 12:12:19

TEST COMMENT: F: Strong blow, BOB 30 sec. GTS 15 min.
IS: Bled off, weak surface blow back.
FF: Strong blow, BOB immediately.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1823.69	108.56	Initial Hydro-static
2	125.76	110.90	Open To Flow (1)
30	92.74	112.66	Shut-In(1)
92	835.21	116.61	End Shut-In(1)
93	84.36	113.72	Open To Flow (2)
152	155.97	114.13	Shut-In(2)
246	821.92	118.14	End Shut-In(2)
247	1799.77	117.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	w cm 20%w 80%r	2.10
60.00	mcw 15%r 85%w	0.84
0.00	RVF=.067ohm@80degF=104000ppmchl	0.00
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	49.00	100.58
Max. Gas Rate	0.25	49.00	100.58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas
301 S. Market
Wichita, KS 67202

Dewey #1-17
17-28s-5w-Kingman-KS
Job Ticket: 21970 DST#: 1
Test Start: 2005.10.30 @ 05:45:04

ATTN: Vern Schrag

Tool Information

Drill Pipe:	Length: 3776.00 ft	Diameter: 3.80 inches	Volume: 52.97 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 52.97 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3782.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3760.00	
Hydraulic tool	5.00			3765.00	
Jars	5.00			3770.00	
Safety Joint	2.00			3772.00	
Packer	5.00			3777.00	27.00 Bottom Of Top Packer
Packer	5.00			3782.00	
Stubb	1.00			3783.00	
Recorder	0.00	6668	Inside	3783.00	
Perforations	24.00			3807.00	
Recorder	0.00	13266	Outside	3807.00	
Bullnose	3.00			3810.00	28.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

Job Ticket: 21970

DST#: 1

ATTN: Vern Schrag

Test Start: 2005.10.30 @ 05:45:04

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: 36.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 17.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	w cm 20%w 80%m	2.104
60.00	mcw 15%m 85%w	0.842
0.00	RW= .067ohm@80degF=104000ppmchl	0.000
0.00	0	0.000

Total Length: 210.00 ft

Total Volume: 2.946 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

Job Ticket: 21970

DST#: 1

ATTN: Vern Schrag

Test Start: 2005.10.30 @ 05:45:04

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	12.00	41.88
1	20	0.25	12.00	41.88
1	20	0.25	12.00	41.88
1	20	0.25	12.00	41.88
1	25	0.25	17.50	50.61
1	30	0.25	22.00	57.74
2	5	0.25	22.00	57.74
2	10	0.25	30.00	70.44
2	15	0.25	38.00	83.13
2	20	0.25	42.00	89.47
2	25	0.25	45.00	94.23
2	30	0.25	46.00	95.82
2	35	0.25	49.00	100.58
2	40	0.25	49.00	100.58
2	45	0.25	48.00	98.99
2	55	0.25	48.00	98.99
2	60	0.25	49.00	100.58

Serial #: 6668

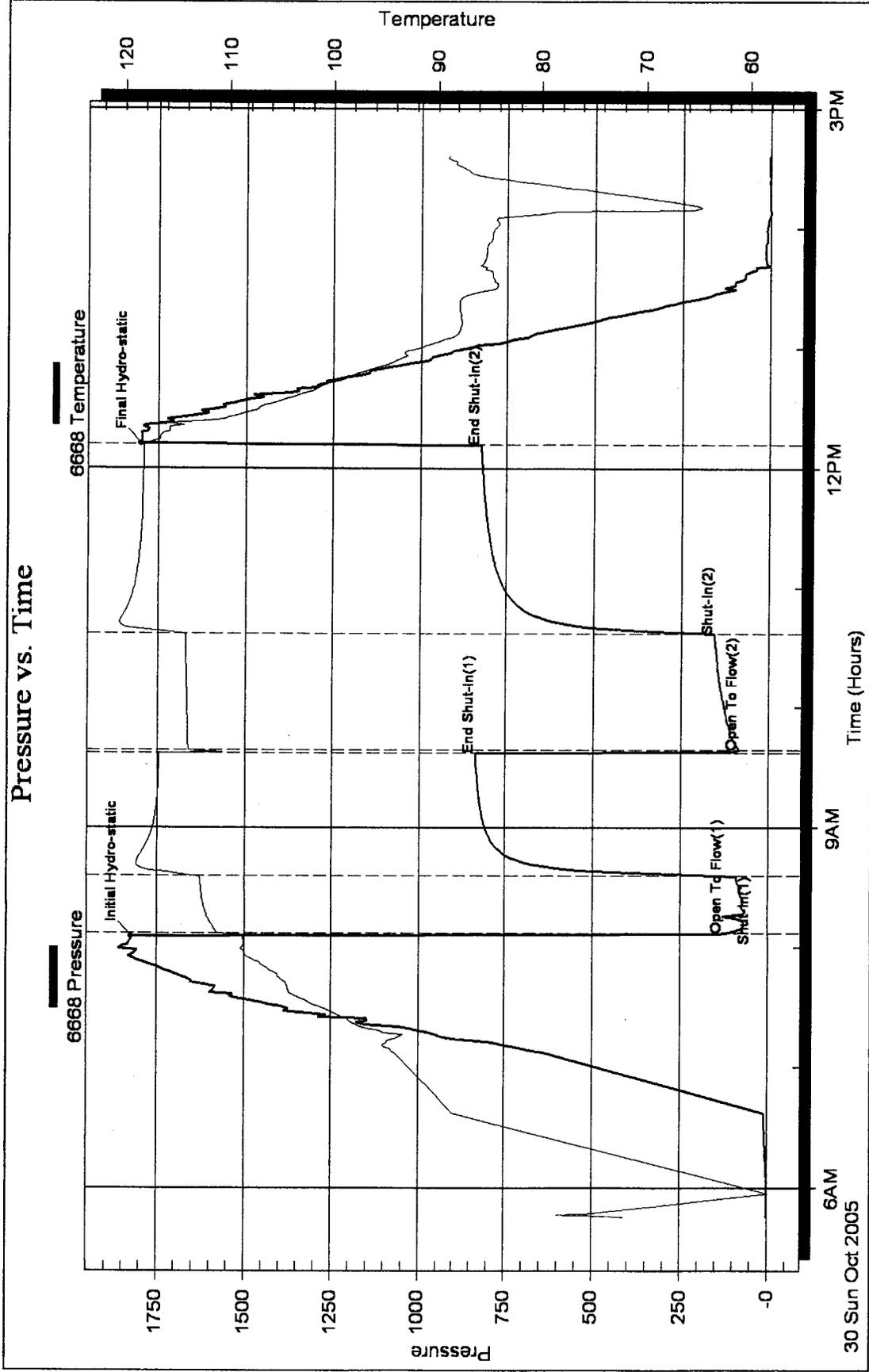
Inside

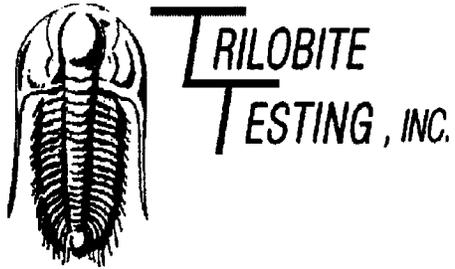
Lario Oil & Gas

17-28s-5w -Kingman-KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 S. Market
Wichita, KS 67202

ATTN: Vern Schrag

17-28s-5w-Kingman-KS

Dewey #1-17

Start Date: 2005.10.30 @ 22:55:02

End Date: 2005.10.31 @ 06:54:47

Job Ticket #: 21971 DST #: 2

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

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

ATTN: Vern Schrag

Job Ticket: 21971

DST#: 2

Test Start: 2005.10.30 @ 22:55:02

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 00:48:47

Time Test Ended: 06:54:47

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **30**

Interval: **3812.00 ft (KB) To 3825.00 ft (KB) (TVD)**

Reference Elevations: **1396.00 ft (KB)**

Total Depth: **3825.00 ft (KB) (TVD)**

1391.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: **6668**

Inside

Press@RunDepth: **30.28 psig @ 3813.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.10.30**

End Date:

2005.10.31

Last Calib.: **2005.10.31**

Start Time: **22:55:03**

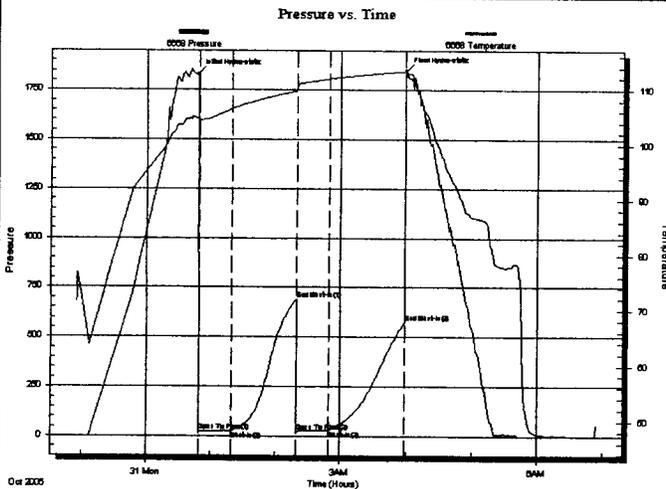
End Time:

06:54:47

Time On Btm: **2005.10.31 @ 00:48:02**

Time Off Btm: **2005.10.31 @ 03:58:32**

TEST COMMENT: IF: Weak surface blow.
IS: Bled off, no blow back.
FF: Weak surface blow.
FSI: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.31	104.81	Initial Hydro-static
1	24.20	104.61	Open To Flow (1)
32	26.23	106.57	Shut-In(1)
92	687.87	109.72	End Shut-In(1)
92	23.61	110.53	Open To Flow (2)
121	30.28	111.97	Shut-In(2)
190	572.67	113.37	End Shut-In(2)
191	1848.02	113.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig mud. 100% m	0.42
0.00	0	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Dewey #1-17
17-28s-5w-Kingman-KS
Job Ticket: 21971 DST#: 2
Test Start: 2005.10.30 @ 22:55:02

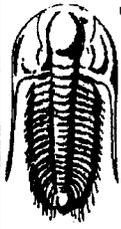
Tool Information

Drill Pipe:	Length: 3812.00 ft	Diameter: 3.80 inches	Volume: 53.47 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 53.47 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3812.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 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
Shut In Tool	5.00			3790.00	
Hydraulic tool	5.00			3795.00	
Jars	5.00			3800.00	
Safety Joint	2.00			3802.00	
Packer	5.00			3807.00	27.00 Bottom Of Top Packer
Packer	5.00			3812.00	
Stubb	1.00			3813.00	
Recorder	0.00	6668	Inside	3813.00	
Perforations	9.00			3822.00	
Recorder	0.00	13266	Outside	3822.00	
Bullnose	3.00			3825.00	13.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

Job Ticket: 21971

DST#: 2

ATTN: Vern Schrag

Test Start: 2005.10.30 @ 22:55:02

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	Drig mud. 100%rn	0.421
0.00	0	0.000

Total Length: 30.00ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

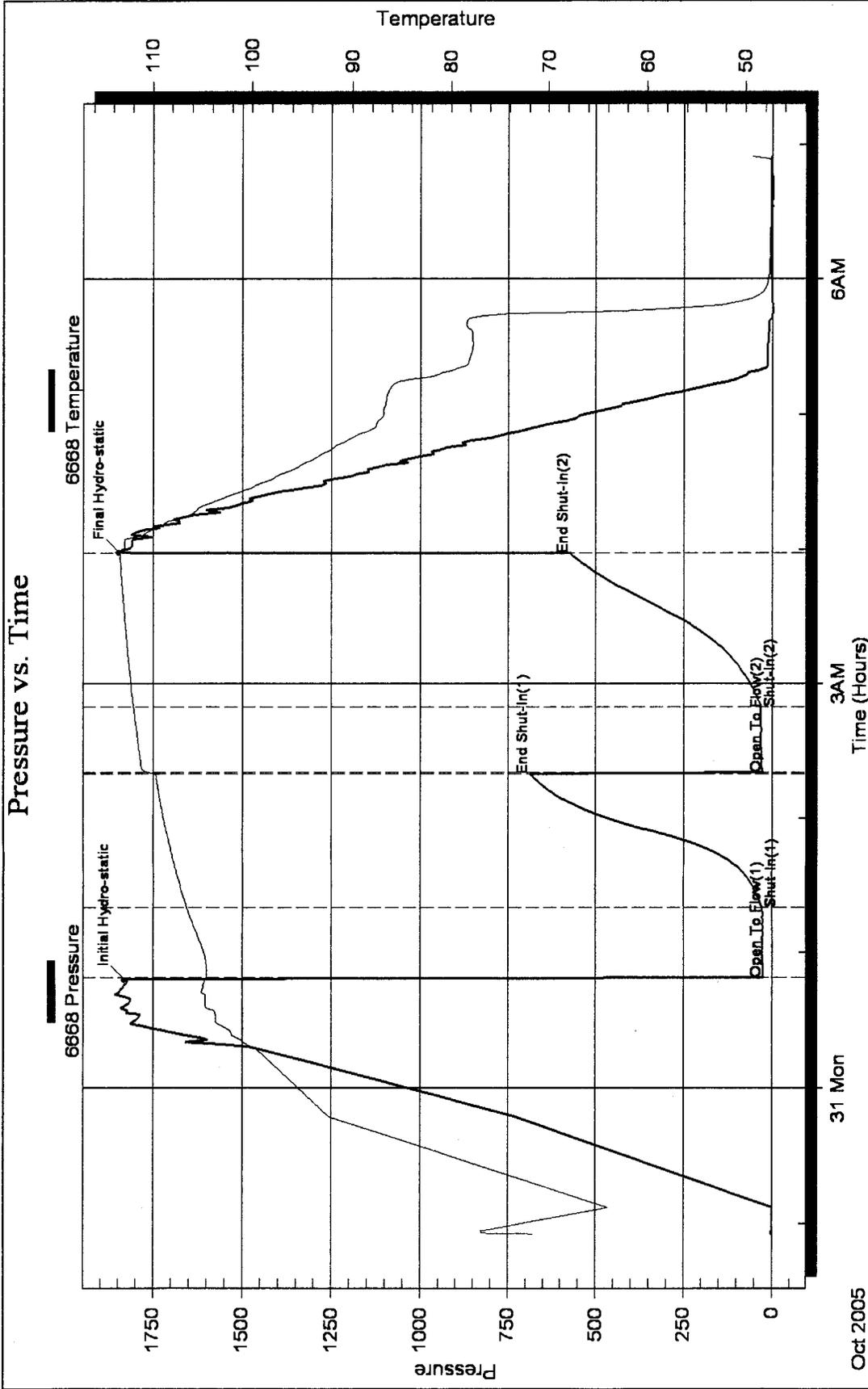
Serial #:

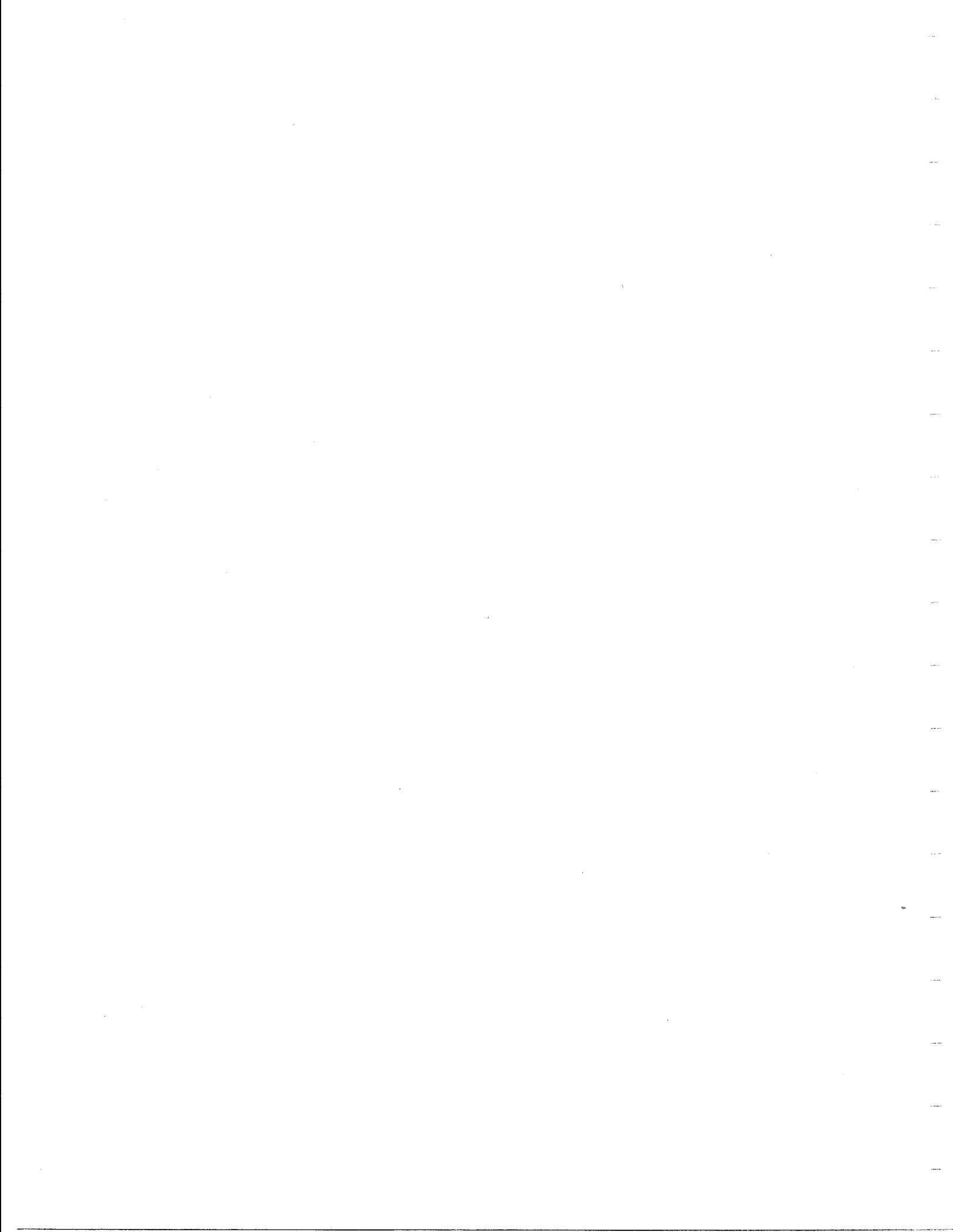
Laboratory Name:

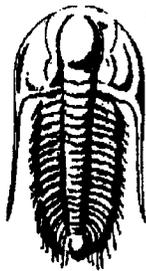
Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 S. Market
Wichita, KS 67202

ATTN: Vern Schrag

17-28s-5w-Kingman-KS

Dewey #1-17

Start Date: 2005.10.31 @ 14:30:23

End Date: 2005.10.31 @ 22:22:38

Job Ticket #: 21972 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Lario Oil & Gas

Dewey #1-17

17-28s-5w-Kingman-KS

DST # 3

Mississippi

, 2005.10.31



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

ATTN: Vern Schrag

Job Ticket: 21972

DST#: 3

Test Start: 2005.10.31 @ 14:30:23

GENERAL INFORMATION:

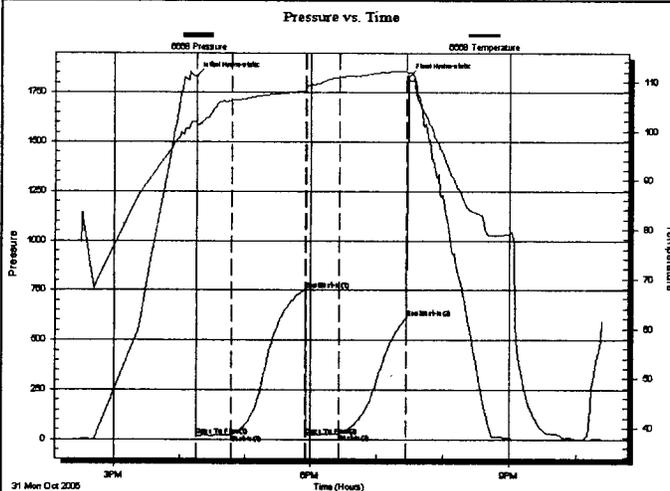
Formation: **Mississippi**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 16:15:38
 Time Test Ended: 22:22:38
 Interval: **3826.00 ft (KB) To 3845.00 ft (KB) (TVD)**
 Total Depth: 6845.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 30
 Reference Elevations: 1396.00 ft (KB)
 1391.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 26.85 psig @ 3827.00 ft (KB)
 Start Date: 2005.10.31 End Date: 2005.10.31
 Start Time: 14:30:24 End Time: 22:22:38
 Capacity: 7000.00 psig
 Last Calib.: 2005.10.31
 Time On Btm: 2005.10.31 @ 16:15:23
 Time Off Btm: 2005.10.31 @ 19:27:38

TEST COMMENT: IF: Weak blow @ surface.
 IS: Bled off, no blow back.
 FF: Weak blow @ surface.
 FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.10	101.82	Initial Hydro-static
1	19.99	101.38	Open To Flow (1)
32	22.80	106.19	Shut-In(1)
100	754.59	108.16	End Shut-In(1)
100	19.57	108.65	Open To Flow (2)
131	26.85	110.91	Shut-In(2)
191	610.09	112.17	End Shut-In(2)
193	1828.27	111.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drig mud 100% m.	0.28
0.00	0	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

Job Ticket: 21972 DST#: 3

ATTN: Vern Schrag

Test Start: 2005.10.31 @ 14:30:23

Tool Information

Drill Pipe:	Length: 3812.00 ft	Diameter: 3.80 inches	Volume: 53.47 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.47 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3826.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3804.00	
Hydraulic tool	5.00			3809.00	
Jars	5.00			3814.00	
Safety Joint	2.00			3816.00	
Packer	5.00			3821.00	27.00 Bottom Of Top Packer
Packer	5.00			3826.00	
Stubb	1.00			3827.00	
Recorder	0.00	6668	Inside	3827.00	
Perforations	15.00			3842.00	
Recorder	0.00	13266	Outside	3842.00	
Bullnose	3.00			3845.00	19.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

Dewey #1-17

301 S. Market
Wichita, KS 67202

17-28s-5w-Kingman-KS

Job Ticket: 21972

DST#: 3

ATTN: Vern Schrag

Test Start: 2005.10.31 @ 14:30:23

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drig mud 100%rn	0.281
0.00	0	0.000

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

