



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

Zerger#1-1

310 S. Market
Wichita Ks. 67202

1-28s-5w Kingman Ks.

Job Ticket: 31240

DST#1

ATTN: Vern Schrag

Test Start: 2008.04.20 @ 03:27:38

GENERAL INFORMATION:

Formation: **Indian Cave**

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

Time Tool Opened: 05:03:23

Time Test Ended: 09:34:53

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **1698.00 ft (KB) To 1745.00 ft (KB) (TVD)**

Total Depth: **1745.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1443.00 ft (KB)**

1433.00 ft (CF)

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

Serial #: 8167

Inside

Press@RunDepth: **606.20 psig @ 1699.00 ft (KB)**

Start Date: **2008.04.20**

End Date:

2008.04.20

Capacity: **7000.00 psig**

Last Calib.: **2008.04.20**

Start Time: **03:27:43**

End Time:

09:34:52

Time On Btm: **2008.04.20 @ 05:01:38**

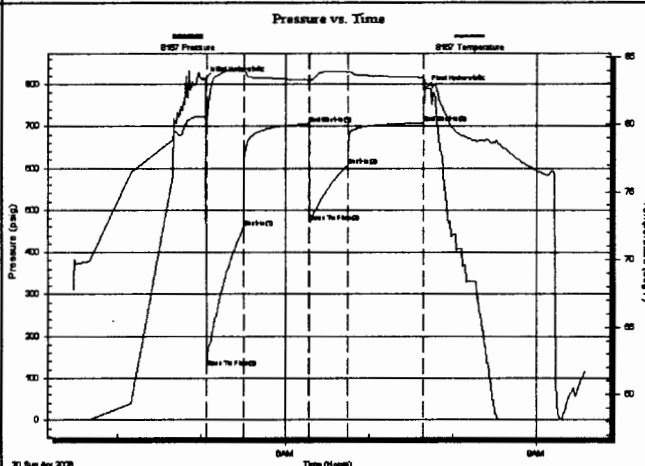
Time Off Btm: **2008.04.20 @ 07:40:23**

TEST COMMENT: IF: Strong blow. B.O.B. in 1 1/2 mins.

ISI: Weak blow. 1/2 - 1".

Strong blow. B.O.B. in 1 1/2 mins.

FSI: Weak blow. 1".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	811.68	80.57	Initial Hydro-static
2	126.55	80.42	Open To Flow(1)
29	459.51	83.90	Shut-In(1)
76	705.60	83.26	End Shut-In(1)
76	470.81	83.17	Open To Flow(2)
104	606.20	83.86	Shut-In(2)
158	707.39	83.45	End Shut-In(2)
159	789.34	83.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1075.00	GCW 6%g 94%w /Rw.11 ohms@ 51 deg	12.89
185.00	GCMW 6%g 22%w 72%w	2.60
0.00	Trace of GIP	0.00

Gas Rates

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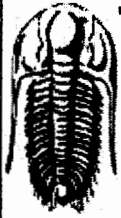
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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

Zenger#1-1

310 S. Market
Wichita Ks. 67202

1-28s-5w Kingman Ks.

Job Ticket: 31240

DST#:1

ATTN: Vern Schrag

Test Start: 2008.04.20 @ 03:27:38

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:

94000 ppm

Viscosity: 35.00 sec/qt

Cushion Volume:

bbl

Water Loss: 27.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1075.00	GCW 6%g 94%w /Rw.11 ohms@ 51 deg	12.893
185.00	GCMW 6%g 22%w 72%w	2.595
0.00	Trace of GIP	0.000

Total Length: 1260.00 ft

Total Volume: 15.488 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

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DST Test Number: 1

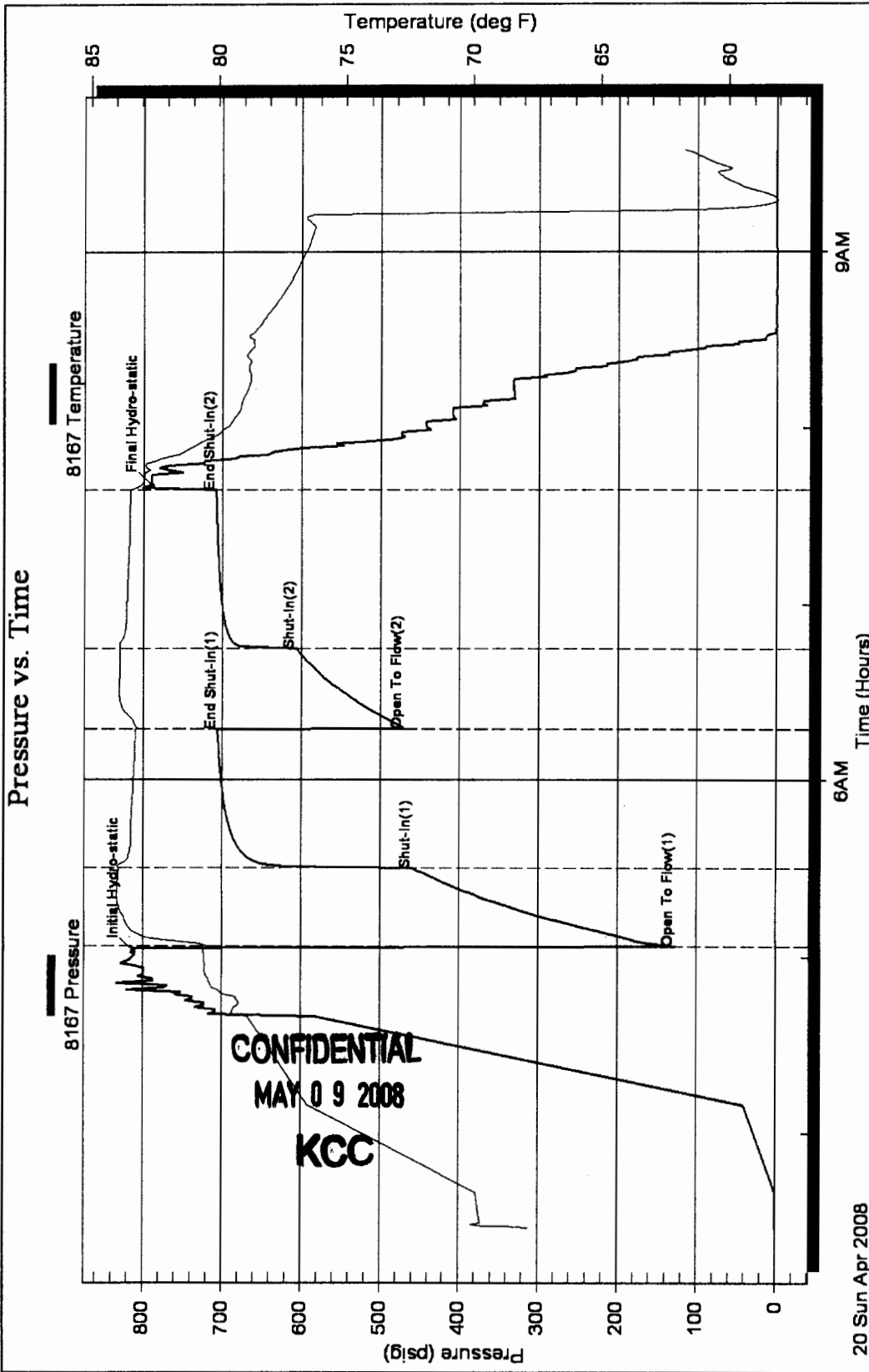
1-28s-5w Kingman Ks.

Lario Oil & Gas Co.

Inside

Serial #: 8167

Pressure vs. Time



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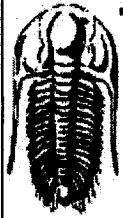
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Ref. No: 31240

Trilobite Testing, Inc

Printed: 2008.04.21 @ 08:51:37 Page 3



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

310 S. Market
Wichita Ks. 67202

ATTN: Vern Schrag

Zenger#1-1

1-28s-5w Kingman Ks.

Job Ticket: 31241

DST#:2

Test Start: 2008.04.24 @ 16:44:30

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:26:30

Time Test Ended: 00:15:15

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 3758.00 ft (KB) To 3820.00 ft (KB) (TVD)

Total Depth: 3820.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1443.00 ft (KB)

1433.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 123.48 psig @ 3759.00 ft (KB)

Start Date: 2008.04.24

End Date:

2008.04.25

Capacity: 7000.00 psig

Last Calib.: 2008.04.25

Start Time: 16:44:35

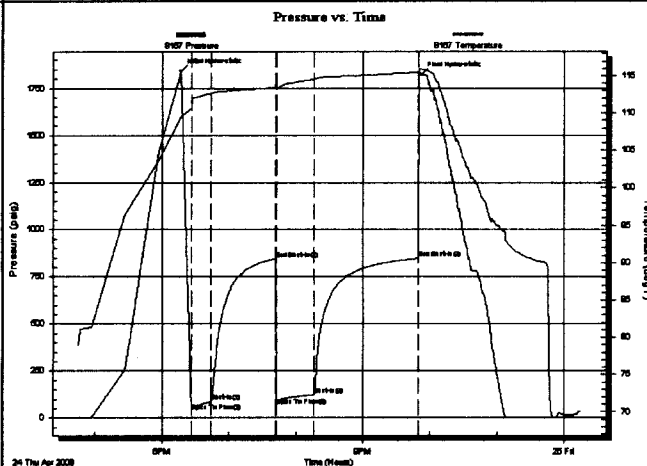
End Time:

00:15:14

Time On Btm: 2008.04.24 @ 18:16:30

Time Off Btm: 2008.04.24 @ 21:51:30

TEST COMMENT: IF: Strong blow. B.O.B. in 1 min.
ISI: No blow.
FF: Strong blow. B.O.B. in 3 secs.
FSI: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1840.83	109.60	Initial Hydro-static
10	36.25	110.63	Open To Flow(1)
28	86.53	112.67	Shut-In(1)
86	846.07	113.42	End Shut-In(1)
87	63.18	113.22	Open To Flow(2)
120	123.48	114.58	Shut-In(2)
213	846.77	115.46	End Shut-In(2)
215	1821.14	115.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Drig. mud	0.98
80.00	WM 13%w 87% m	0.76
0.00	2980 ft. of GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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1-28s-5w Kingman Ks.

Job Ticket: 31241

DST#: 2

ATTN: Vern Schrag

Test Start: 2008.04.24 @ 16:44:30

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:

4100 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	Drill mud	0.984
80.00	WM 13%w 87%w	0.758
0.00	2980 ft. of GIP	0.000

Total Length: 280.00 ft

Total Volume: 1.742 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

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DST Test Number: 2

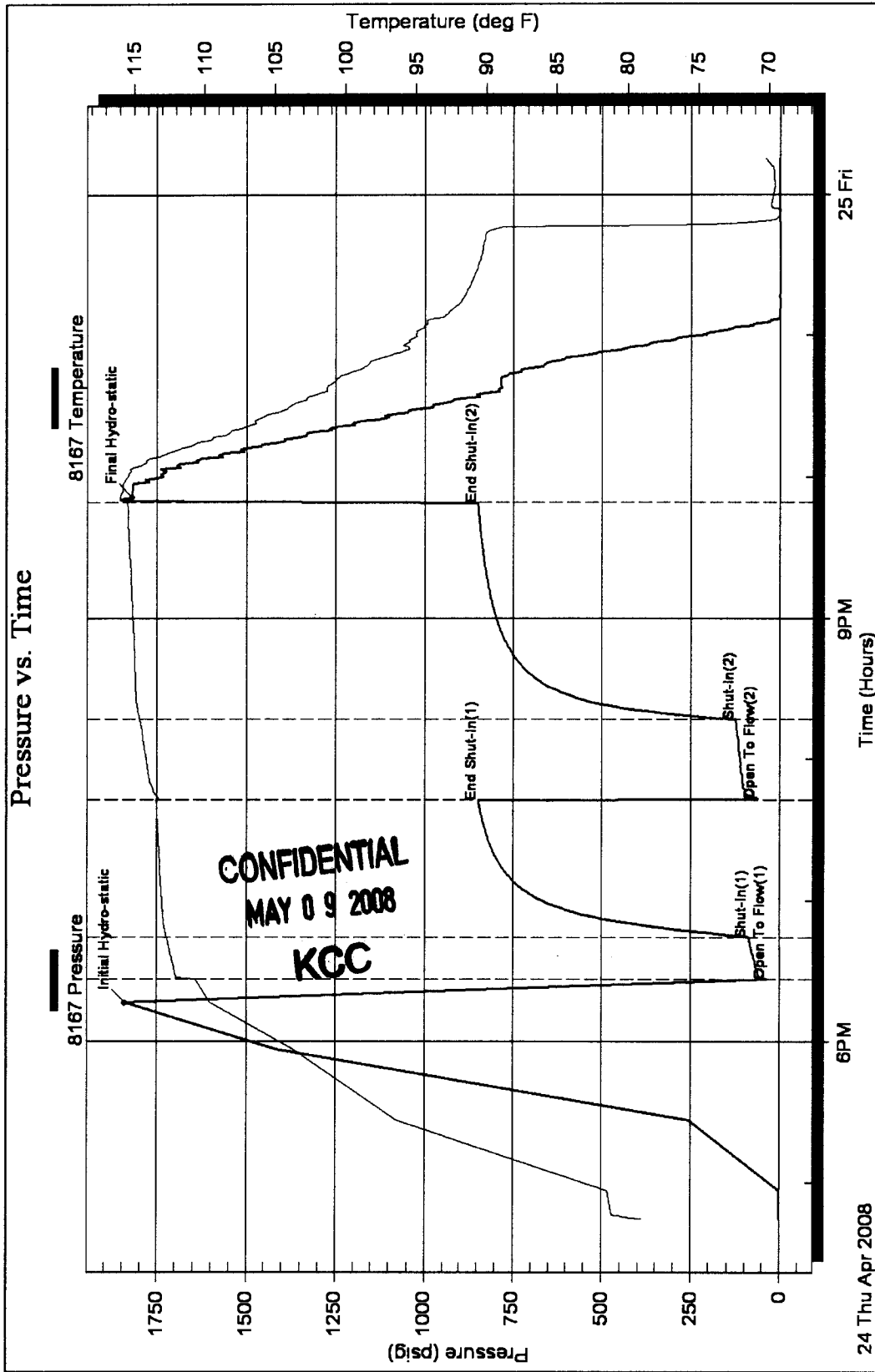
1-28s-5w Kingman Ks.

Lario Oil & Gas Co.

Inside

Serial #: 8167

Pressure vs. Time



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Printed: 2008.04.25 @ 08:43:07 Page 3