



DRILL STEM TEST REPORT

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

301 S Market
Wichita KS 67202

ATTN: Steve Davis

8 28S 5W Kingman KS

Sowers Trust A 1-22

Start Date: 2007.09.08 @ 00:57:16

End Date: 2007.09.08 @ 08:44:25

Job Ticket #: 28822 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 Co

301 S Market
Wichita KS 67202

ATTN: Steve Davis

Sowers Trust A 1-22

8 28S 5W Kingman KS

Job Ticket: 28822

DST#: 1

Test Start: 2007.09.08 @ 00:57:16

GENERAL INFORMATION:

Formation: **Sw ope**
 Deviated: No Whipstock: ft (CF)
 Time Tool Opened: 03:17:16
 Time Test Ended: 08:44:25

Test Type: Conventional Bottom Hole
 Tester: Zach Stover
 Unit No: 23

Interval: **3340.00 ft (CF) To 3355.00 ft (CF) (TVD)**
 Total Depth: 3355.00 ft (CF) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1389.00 ft (KB)
 1381.00 ft (CF)
 KB to GR/CF: 8.00 ft

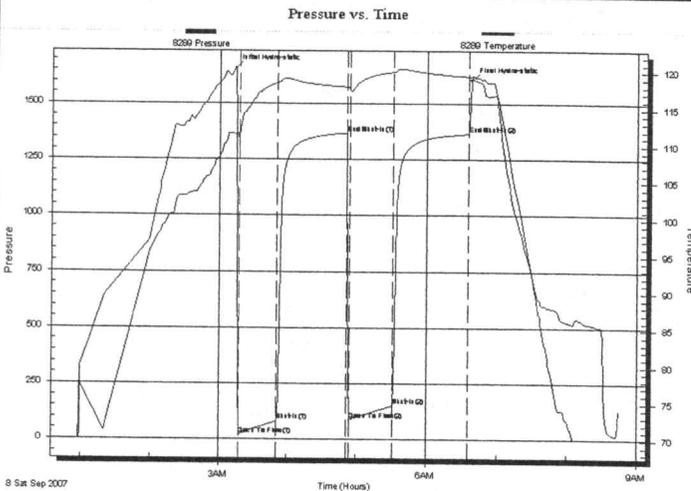
Serial #: 8289

Inside

Press@RunDepth: 150.35 psig @ 3341.00 ft (CF)
 Start Date: 2007.09.08 End Date: 2007.09.08
 Start Time: 00:57:21 End Time: 08:44:26

Capacity: 7000.00 psig
 Last Calib.: 2007.09.08
 Time On Btm: 2007.09.08 @ 03:13:36
 Time Off Btm: 2007.09.08 @ 06:37:46

TEST COMMENT: IF Strong blow Built to 10 in.
 ISI No blow
 FF Weak blow Built to 3 in.
 FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.02	111.62	Initial Hydro-static
4	19.57	110.52	Open To Flow (1)
37	81.77	118.61	Shut-In(1)
98	1369.06	118.01	End Shut-In(1)
101	88.19	117.52	Open To Flow (2)
138	150.35	120.04	Shut-In(2)
203	1365.95	119.44	End Shut-In(2)
205	1604.30	119.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MCW 5%M 95%W	3.51

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

ATTN: Steve Davis

Job Ticket: 28822

DST#: 1

Test Start: 2007.09.08 @ 00:57:16

Tool Information

Drill Pipe:	Length: 3331.00 ft	Diameter: 3.80 inches	Volume: 46.73 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3340.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	42.00 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			3314.00	
Shut In Tool	5.00			3319.00	
Hydraulic tool	5.00			3324.00	
Jars	5.00			3329.00	
Safety Joint	2.00			3331.00	
Packer	4.00			3335.00	27.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	8289	Inside	3341.00	
Perforations	9.00			3350.00	
Recorder	0.00	13789	Outside	3350.00	
Bullnose	5.00			3355.00	15.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 28822

DST#: 1

ATTN: Steve Davis

Test Start: 2007.09.08 @ 00:57:16

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:

95000 ppm

Viscosity: 38.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 13000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	MCW 5%M 95%W	3.507

Total Length: 250.00 ft

Total Volume: 3.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

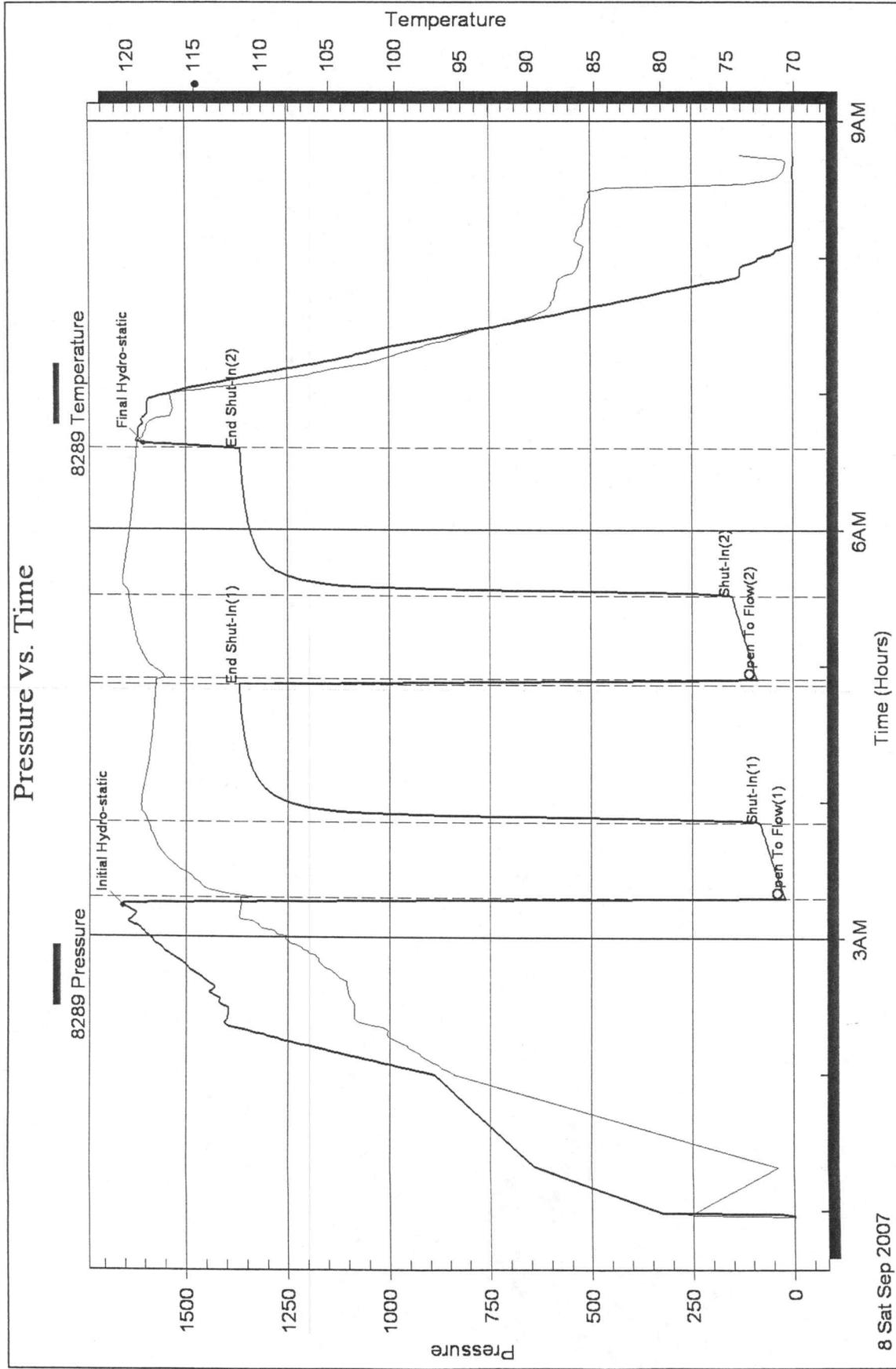
Serial #:

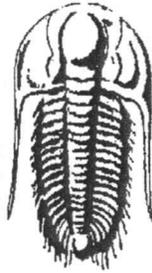
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

301 S Market
Wichita KS 67202

ATTN: Steve Davis

8 28S 5W Kingman KS

Sowers Trust A 1-22

Start Date: 2007.09.09 @ 19:35:14

End Date: 2007.09.10 @ 05:12:33

Job Ticket #: 28823 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

ATTN: Steve Davis

Job Ticket: 28823

DST#: 2

Test Start: 2007.09.09 @ 19:35:14

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (CF)
 Time Tool Opened: 22:03:54
 Time Test Ended: 05:12:33

Test Type: Conventional Bottom Hole
 Tester: Zach Stover
 Unit No: 23

Interval: **3807.00 ft (CF) To 3831.00 ft (CF) (TVD)**
 Total Depth: 3355.00 ft (CF) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

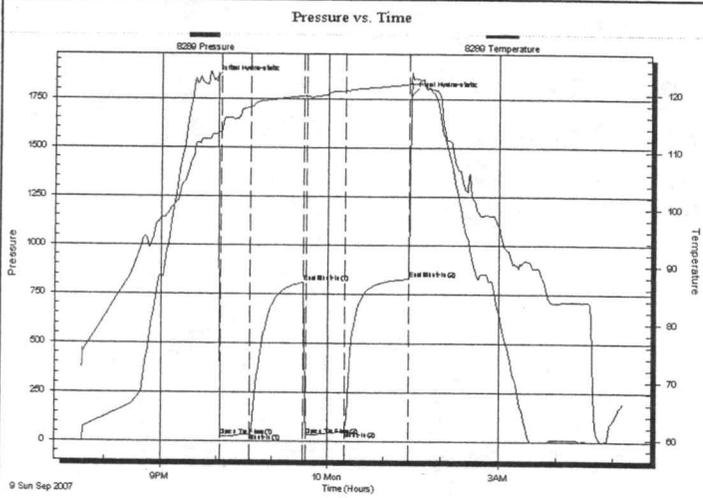
Reference Elevations: 1389.00 ft (KB)
 1381.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Inside

Press@RunDepth: 52.95 psig @ 3813.00 ft (CF)
 Start Date: 2007.09.09 End Date: 2007.09.10
 Start Time: 19:35:19 End Time: 05:12:34

Capacity: 7000.00 psig
 Last Calib.: 2007.09.10
 Time On Btm: 2007.09.09 @ 21:56:24
 Time Off Btm: 2007.09.10 @ 01:28:44

TEST COMMENT: IF Strong blow BOB immediately
 ISI Fair blow Built to 3 in.
 FF BOB immediately GTS in 15 min. Gauged to 12# on 1/8 in choke
 FSI Weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.58	113.09	Initial Hydro-static
8	24.62	113.17	Open To Flow (1)
40	37.76	117.82	Shut-In(1)
98	808.85	119.79	End Shut-In(1)
100	30.94	119.50	Open To Flow (2)
142	52.95	120.62	Shut-In(2)
211	828.36	121.84	End Shut-In(2)
213	1766.56	121.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	GM 5%G 95%M	0.98

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate			
Max. Gas Rate	0.13	10.00	9.13

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

ATTN: Steve Davis

Job Ticket: 28823

DST#: 2

Test Start: 2007.09.09 @ 19:35:14

Tool Information

Drill Pipe:	Length: 3800.00 ft	Diameter: 3.80 inches	Volume: 53.30 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 53.30 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3807.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			3781.00	
Shut In Tool	5.00			3786.00	
Hydraulic tool	5.00			3791.00	
Jars	5.00			3796.00	
Safety Joint	2.00			3798.00	
Packer	4.00			3802.00	27.00 Bottom Of Top Packer
Packer	5.00			3807.00	
Stubb	1.00			3808.00	
Perforations	5.00			3813.00	
Recorder	0.00	8289	Inside	3813.00	
Perforations	13.00			3826.00	
Recorder	0.00	13789	Outside	3826.00	
Bullnose	5.00			3831.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 28823

DST#: 2

ATTN: Steve Davis

Test Start: 2007.09.09 @ 19:35:14

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 38.00 sec/qt

Water Loss: 15.94 in³

Resistivity: ohm.m

Salinity: 13000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	GM 5%G 95%M	0.982

Total Length: 70.00 ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 28823

DST#: 2

ATTN: Steve Davis

Test Start: 2007.09.09 @ 19:35:14

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)
2	15	0.13	5.00	7.26
2	25	0.13	8.00	8.38
2	35	0.13	10.00	9.13
2	45	-999999.00	-999999.00	-999999.00

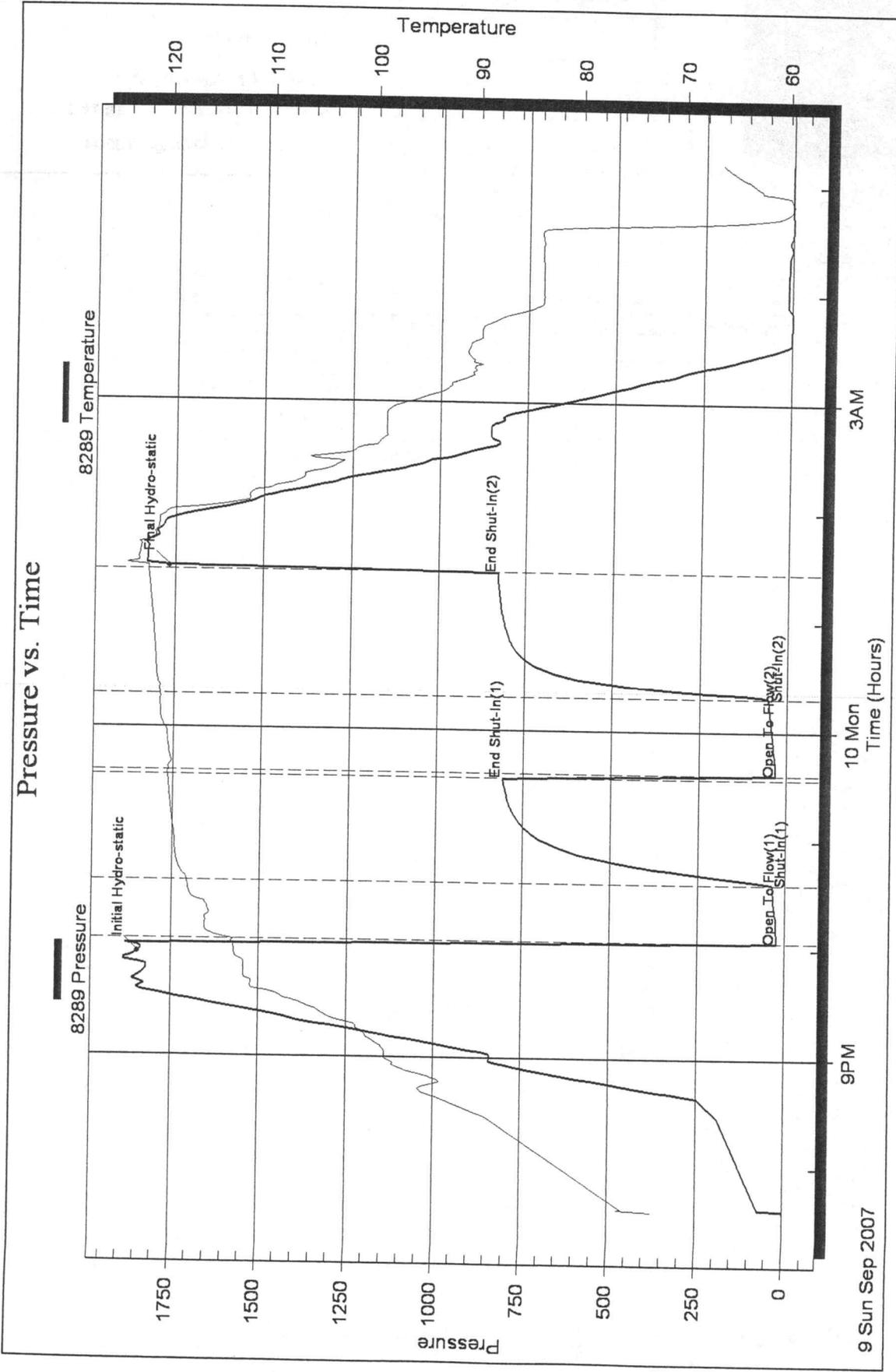
Serial #: 8289

Inside

Lario Oil & Gas Co

8 28S 5W Kingman KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 28823

Printed: 2007.09.13 @ 13:29:55 Page 6



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

301 S Market
Wichita KS 67202

ATTN: Steve Davis

8 28S 5W Kingman KS

Sowers Trust A 1-22

Start Date: 2007.09.10 @ 13:03:00

End Date: 2007.09.10 @ 20:37:15

Job Ticket #: 28284 DST #: 3

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 Co

301 S Market
Wichita KS 67202

ATTN: Steve Davis

Sowers Trust A 1-22

8 28S 5W Kingman KS

Job Ticket: 28284

DST#: 3

Test Start: 2007.09.10 @ 13:03:00

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 15:05:00

Time Test Ended: 20:37:15

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3832.00 ft (CF) To 3853.00 ft (CF) (TVD)**

Total Depth: 3853.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1389.00 ft (KB)

1381.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8289 Inside

Press@RunDepth: 42.74 psig @ 3833.00 ft (CF)

Start Date: 2007.09.10

End Date:

2007.09.10

Capacity: 7000.00 psig

Last Calib.: 2007.09.10

Start Time: 13:03:05

End Time:

20:37:14

Time On Btm: 2007.09.10 @ 14:58:15

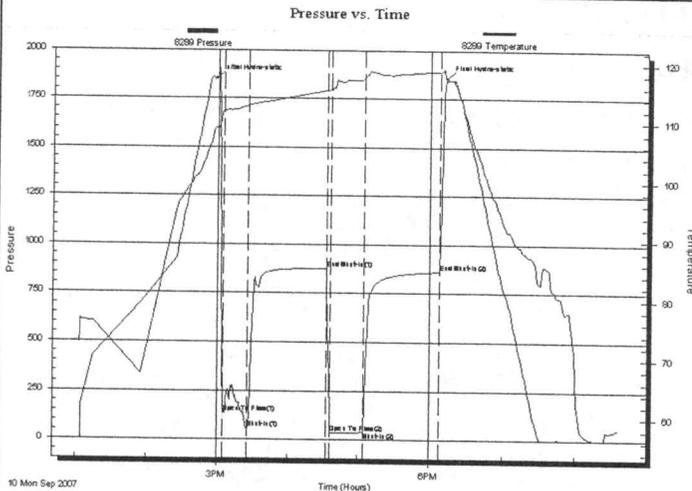
Time Off Btm: 2007.09.10 @ 18:13:00

TEST COMMENT: IF Weak blow 2 - 2 1/2 "

ISI No blow

FF Weak blow 1/4 " or less late in 2nd open

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.90	109.05	Initial Hydro-static
7	136.52	111.95	Open To Flow (1)
28	55.50	112.93	Shut-In(1)
95	877.28	115.48	End Shut-In(1)
99	33.60	115.37	Open To Flow (2)
126	42.74	117.65	Shut-In(2)
190	860.16	118.77	End Shut-In(2)
195	1852.29	117.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	WM 19%W 81%MRw .3 OHMS@61 deg 0.70	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 28284

DST#: 3

ATTN: Steve Davis

Test Start: 2007.09.10 @ 13:03:00

Tool Information

Drill Pipe:	Length: 3814.00 ft	Diameter: 3.80 inches	Volume: 53.50 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: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 77000.00 lb
			<u>Total Volume: 53.50 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3832.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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			3806.00	
Shut In Tool	5.00			3811.00	
Hydraulic tool	5.00			3816.00	
Jars	5.00			3821.00	
Safety Joint	2.00			3823.00	
Packer	4.00			3827.00	27.00 Bottom Of Top Packer
Packer	5.00			3832.00	
Stubb	1.00			3833.00	
Recorder	0.00	8289	Inside	3833.00	
Perforations	15.00			3848.00	
Recorder	0.00	13222	Outside	3848.00	
Bullnose	5.00			3853.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 28284

DST#: 3

ATTN: Steve Davis

Test Start: 2007.09.10 @ 13:03:00

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:

26000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	WM 19%W 81%MRw .3 OHMS@61 deg	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

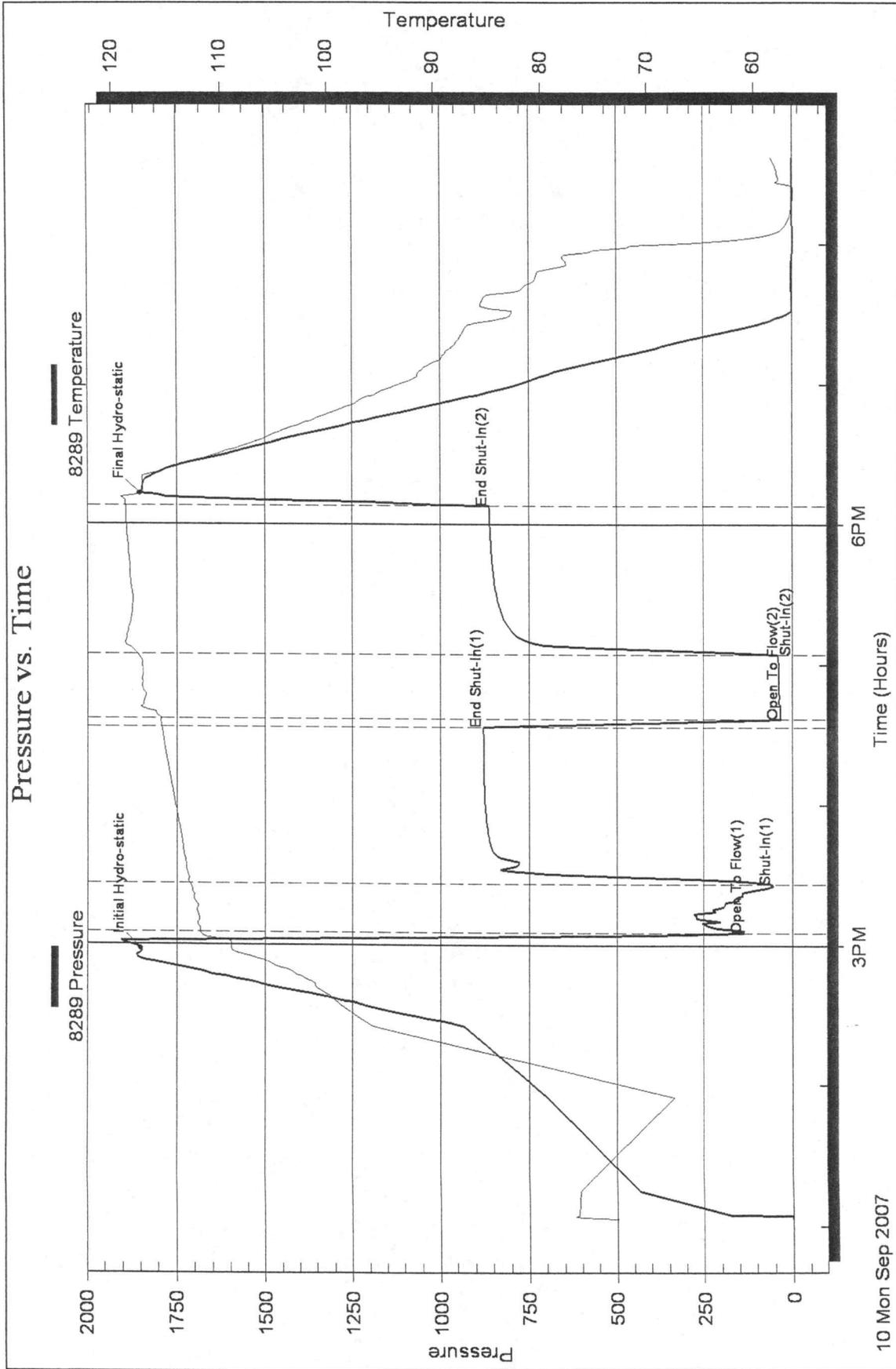
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

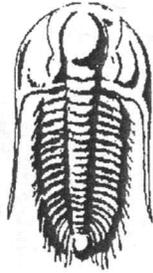


10 Mon Sep 2007

6PM

3PM

Time (Hours)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

301 S Market
Wichita KS 67202

ATTN: Steve Davis

8 28S 5W Kingman KS

Sowers Trust A 1-22

Start Date: 2007.09.11 @ 05:37:23

End Date: 2007.09.11 @ 14:53:53

Job Ticket #: 29389 DST #: 4

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 Co
 301 S Market
 Wichita KS 67202
 ATTN: Steve Davis

Sowers Trust A 1-22
8 28S 5W Kingman KS
 Job Ticket: 29389 **DST#: 4**
 Test Start: 2007.09.11 @ 05:37:23

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (CF)
 Time Tool Opened: 08:17:23
 Time Test Ended: 14:53:53

Test Type: Conventional Bottom Hole
 Tester: Gary Pevoteaux
 Unit No: 39

Interval: **3900.00 ft (CF) To 3910.00 ft (CF) (TVD)**
 Total Depth: 3930.00 ft (CF) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1389.00 ft (KB)
 1381.00 ft (CF)
 KB to GR/CF: 8.00 ft

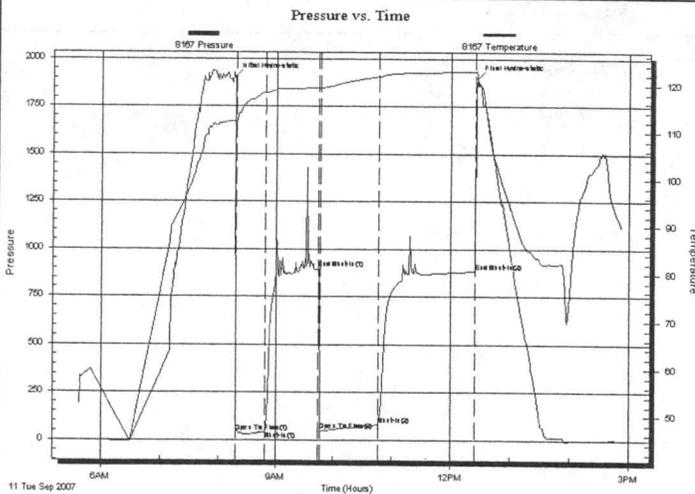
Serial #: 8167

Inside

Press@RunDepth: 79.82 psig @ 3901.00 ft (CF)
 Start Date: 2007.09.11 End Date: 2007.09.11
 Start Time: 05:37:28 End Time: 14:53:53

Capacity: 7000.00 psig
 Last Calib.: 2007.09.11
 Time On Btm: 2007.09.11 @ 08:15:38
 Time Off Btm: 2007.09.11 @ 12:26:53

TEST COMMENT: IF Weak blow Slow increase to 4 1/2 "
 ISI No blow
 FF Weak blow 1/2 - 1 "
 FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.80	112.29	Initial Hydro-static
2	40.74	111.89	Open To Flow (1)
32	46.59	118.32	Shut-In(1)
89	896.32	119.40	End Shut-In(1)
90	48.43	119.19	Open To Flow (2)
151	79.82	121.72	Shut-In(2)
249	882.10	122.83	End Shut-In(2)
252	1899.79	121.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	MW 8%M 92%W R w .06 OHMS@ 83 deg 1.89	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

ATTN: Steve Davis

Job Ticket: 29389

DST#: 4

Test Start: 2007.09.11 @ 05:37:23

Tool Information

Drill Pipe:	Length: 3902.00 ft	Diameter: 3.80 inches	Volume: 54.73 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: 88000.00 lb
			Total Volume: 54.73 bbl	Tool Chased 15.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3900.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			3873.00	
Shut In Tool	5.00			3878.00	
Hydraulic tool	5.00			3883.00	
Jars	5.00			3888.00	
Safety Joint	3.00			3891.00	
Packer	4.00			3895.00	28.00 Bottom Of Top Packer
Packer	5.00			3900.00	
Stubb	1.00			3901.00	
Recorder	0.00	8167	Inside	3901.00	
Perforations	6.00			3907.00	
Recorder	0.00	1051	Outside	3907.00	
travel collar	2.00			3909.00	
Blank Off Sub	1.00			3910.00	30.00 Tool Interval
Packer	0.00			3910.00	
Stubb	1.00			3911.00	
Perforations	14.00			3925.00	
Recorder	0.00	13754	Below	3925.00	
Bullnose	5.00			3930.00	1000057.00 Bottom Packers & Anchor

Total Tool Length: 58.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Sowers Trust A 1-22

301 S Market
Wichita KS 67202

8 28S 5W Kingman KS

Job Ticket: 29389

DST#: 4

ATTN: Steve Davis

Test Start: 2007.09.11 @ 05:37:23

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: 114000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	MW 8%M 92%W Rw .06 OHMS@ 83 deg	1.894

Total Length: 135.00 ft

Total Volume: 1.894 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

Inside

Lario Oil & Gas Co

8 28S 5W Kingman KS

DST Test Number: 4

Pressure vs. Time

