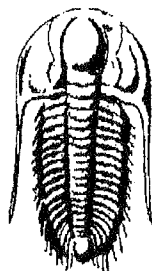


15-095-22005

3-28s-5w

ORIGINAL



TRILOBITE
TESTING, INC.

CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 South Market
Wichita, Kansas 67202

ATTN: Robert Bayer

3-28s-05w Kingman

Hill #1-3

Start Date: 2005.11.17 @ 16:08:23

End Date: 2005.11.18 @ 00:07:53

Job Ticket #: 23430

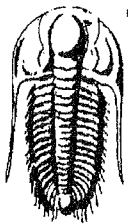
DST #: 1

RECEIVED
MAY 10 2006
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 South Market
Wichita, Kansas 67202
ATTN: Robert Bayer

Hill #1-3

3-28s-05w Kingman

Job Ticket: 23430

DST#: 1

Test Start: 2005.11.17 @ 16:08:23

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:17:33

Time Test Ended: 00:07:53

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 19

Interval: 3768.00 ft (KB) To 3786.00 ft (KB) (TVD)

Total Depth: 3786.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1442.00 ft (KB)

1434.00 ft (CF)

KB to GRVCF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 41.43 psig @ 3769.00 ft (KB)

Start Date: 2005.11.17

End Date: 2005.11.18

Capacity: 7000.00 psig

Last Calib.: 2005.11.18

Start Time: 16:08:28

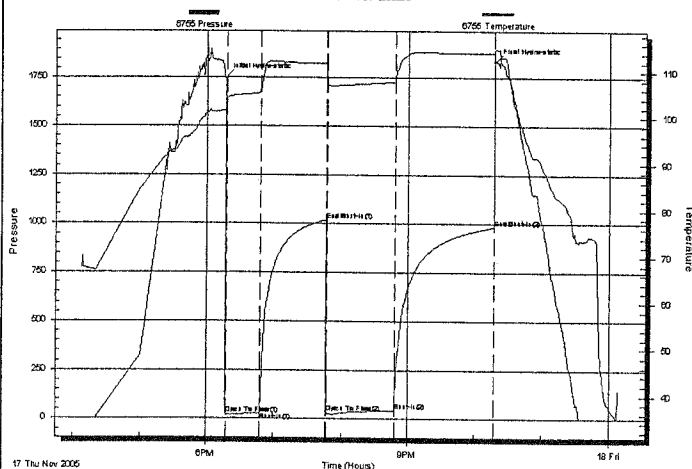
End Time: 00:07:52

Time On Btm: 2005.11.17 @ 18:16:43

Time Off Btm: 2005.11.17 @ 22:18:08

TEST COMMENT: IF: Strong blow . B.O.B. in 30 secs. GTS in 11 mins.
IS: No blow
FF: Strong blow . B.O.B. in 10 secs. (See Gas Flow Report)
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

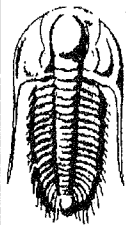
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.69	101.47	Initial Hydro-static
1	21.67	103.91	Open To Flow (1)
32	31.64	105.39	Shut-In(1)
90	1018.40	111.83	End Shut-In(1)
91	33.66	106.88	Open To Flow (2)
151	41.43	107.79	Shut-In(2)
241	983.84	114.13	End Shut-In(2)
242	1832.32	114.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GCM 5%g 95% m	0.71
0.00	3771' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.00	144.36
Last Gas Rate	0.25	10.50	39.50
Max. Gas Rate	0.25	10.50	39.50



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas

Hill #1-3

301 South Market
Wichita, Kansas 67202

3-28s-05w Kingman

Job Ticket: 23430

DST#: 1

ATTN: Robert Bayer

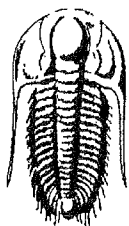
Test Start: 2005.11.17 @ 16:08:23

Tool Information

Drill Pipe:	Length:	3771.00 ft	Diameter:	3.83 inches	Volume:	53.74 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:	70000.00 lb
					Total Volume:	53.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft							
Depth to Top Packer:	3768.00 ft							
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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3745.00	
Hydraulic tool	5.00			3750.00	
Jars	5.00			3755.00	
Safety Joint	3.00			3758.00	
Packer	5.00			3763.00	28.00 Bottom Of Top Packer
Packer	5.00			3768.00	
Stubb	1.00			3769.00	
Recorder	0.00	6755	Inside	3769.00	
Perforations	14.00			3783.00	
Recorder	0.00	11019	Outside	3783.00	
Bullnose	3.00			3786.00	18.00 Bottom Packers & Anchor

Total Tool Length: 46.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

Hill #1-3

301 South Market
Wichita, Kansas 67202

3-28s-05w Kingman

Job Ticket: 23430

DST#: 1

ATTN: Robert Bayer

Test Start: 2005.11.17 @ 16:08:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

5000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GCM 5%g 95%m	0.712
0.00	3771' GIP	0.000

Total Length: 50.00 ft

Total Volume: 0.712 bbl

Num Fluid Samples: 0

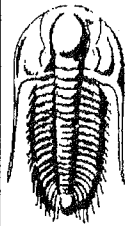
Num Gas Bombs: 1

Serial #: ga-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Lario Oil & Gas

Hill #1-3

301 South Market
Wichita, Kansas 67202

3-28s-05w Kingman

Job Ticket: 23430

DST#: 1

ATTN: Robert Bayer

Test Start: 2005.11.17 @ 16:08:23

Gas Rates Information

Temperature: 59 deg C

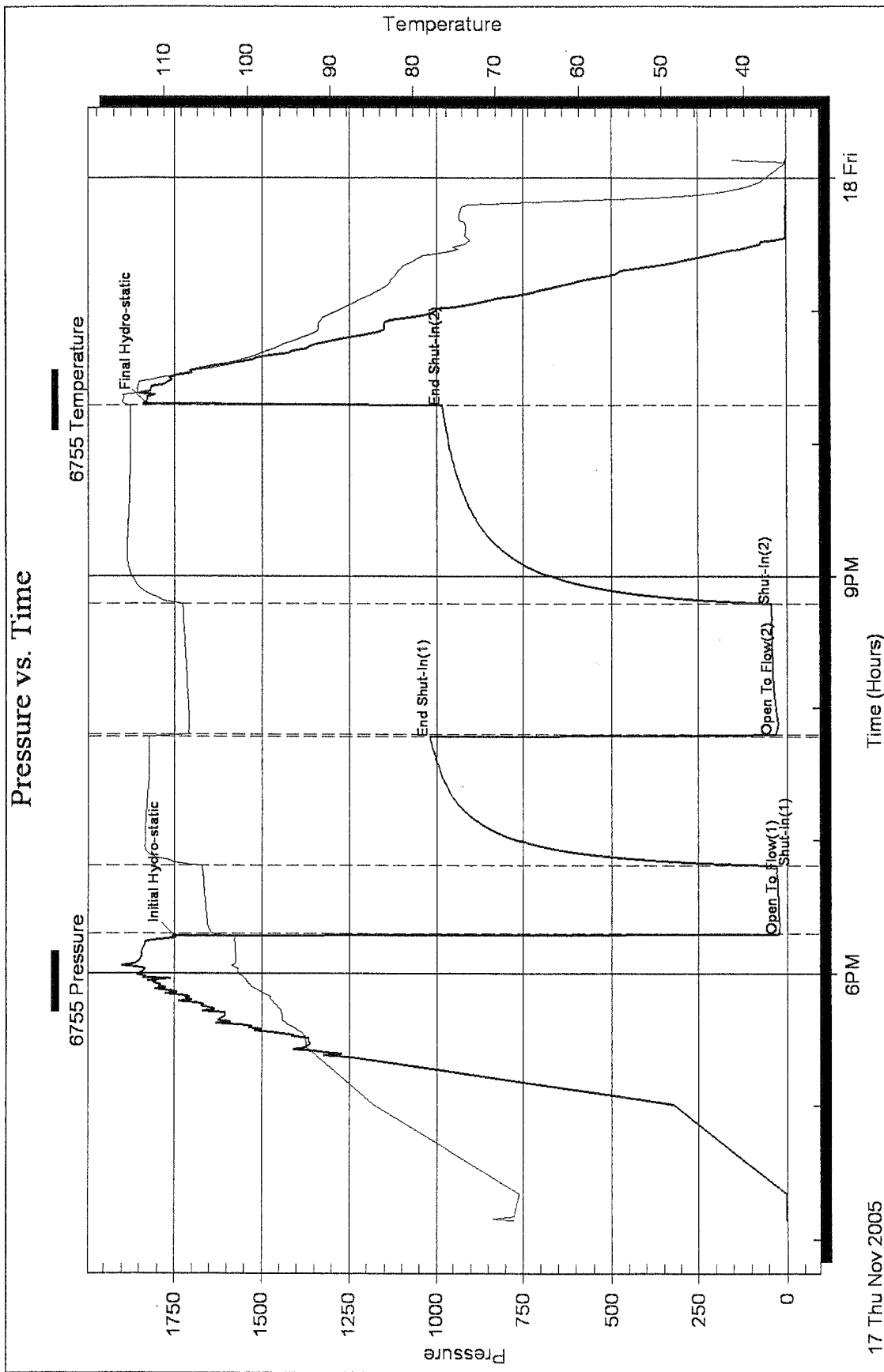
Relative Density: 0.65

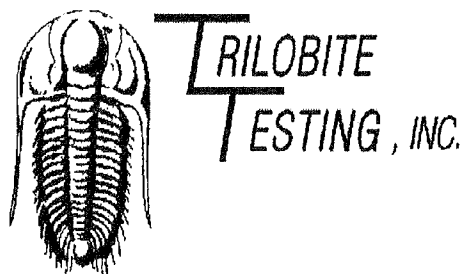
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	2	0.50	7.00	144.36
2	10	0.25	5.00	30.78
2	20	0.25	8.00	35.54
2	30	0.25	10.00	38.71
2	40	0.25	10.50	39.50
2	50	0.25	10.50	39.50
2	60	0.25	10.50	39.50

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas**

301 South Market
Wichita, Kansas 67202

ATTN: Robert Bayer

3-28s-05w Kingman

Hill #1-3

Start Date: 2005.11.18 @ 06:12:49

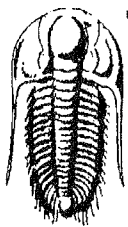
End Date: 2005.11.18 @ 12:47:19

Job Ticket #: 23431 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
301 South Market
Wichita, Kansas 67202
ATTN: Robert Bayer

Hill #1-3
3-28s-05w Kingman
Job Ticket: 23431 DST#: 2
Test Start: 2005.11.18 @ 06:12:49

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 07:42:19
Time Test Ended: 12:47:19

Test Type: **Conventional Bottom Hole**
Tester: **Gerald Adams**
Unit No: **19**

Interval: **3786.00 ft (KB) To 3806.00 ft (KB) (TVD)**
Total Depth: **3786.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1442.00 ft (KB)**
1434.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 6755

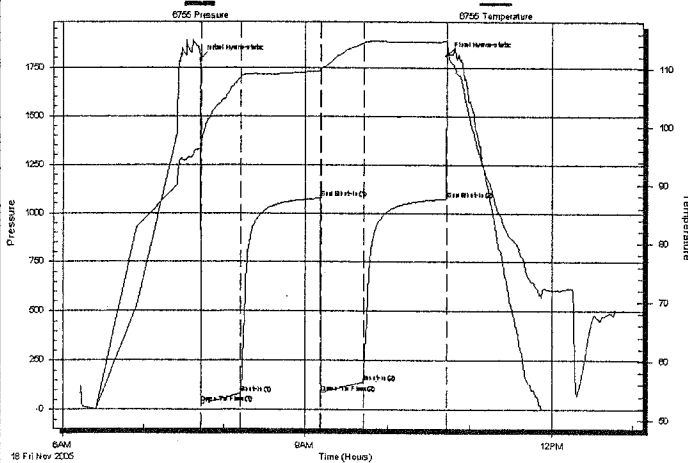
Inside

Press@RunDepth: **141.44 psig @ 3787.00 ft (KB)**
Start Date: **2005.11.18** End Date: **2005.11.18**
Start Time: **06:12:54** End Time: **12:47:18**

Capacity: **7000.00 psig**
Last Calib.: **2005.11.18**
Time On Btmr: **2005.11.18 @ 07:41:59**
Time Off Btmr: **2005.11.18 @ 10:43:04**

TEST COMMENT: IF: Strong blow . B.O.B. in 7 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 7 mins.
FSI: Weak blow . 1/8".

Pressure vs. Time



PRESSURE SUMMARY

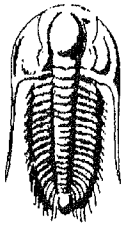
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.49	96.37	Initial Hydro-static
1	30.86	95.70	Open To Flow (1)
31	82.40	108.60	Shut-In (1)
90	1075.40	109.67	End Shut-In (1)
90	85.15	109.64	Open To Flow (2)
121	141.44	114.44	Shut-In (2)
181	1072.55	114.75	End Shut-In (2)
182	1809.68	115.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	GCW m w/o specs. 3%g 1%o 62%w 34%2.78	
150.00	GCW w/o specs. 3%g 2%o 95%w	2.14
0.00	660' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas

Hill #1-3

301 South Market
Wichita, Kansas 67202

3-28s-05w Kingman

Job Ticket: 23431

DST#: 2

ATTN: Robert Bayer

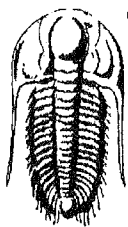
Test Start: 2005.11.18 @ 06:12:49

Tool Information

Drill Pipe:	Length: 3772.00 ft	Diameter: 3.83 inches	Volume: 53.75 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: 72000.00 lb
			Total Volume: 53.75 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3786.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 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
Shut In Tool	5.00			3763.00	
Hydraulic tool	5.00			3768.00	
Jars	5.00			3773.00	
Safety Joint	3.00			3776.00	
Packer	5.00			3781.00	28.00 Bottom Of Top Packer
Packer	5.00			3786.00	
Stubb	1.00			3787.00	
Recorder	0.00	6755	Inside	3787.00	
Perforations	16.00			3803.00	
Recorder	0.00	13255	Outside	3803.00	
Bullnose	3.00			3806.00	20.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

Hill #1-3

301 South Market
Wichita, Kansas 67202

3-28s-05w Kingman

Job Ticket: 23431

DST#: 2

ATTN: Robert Bayer

Test Start: 2005.11.18 @ 06:12:49

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:

5000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	GCW m w/o specs. 3%g 1%o 62%w 34%m	2.779
150.00	GCW w/o specs. 3%g 2%o 95%m	2.137
0.00	660' GIP	0.000

Total Length: 345.00 ft

Total Volume: 4.916 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

Inside

Lario Oil & Gas

3-28s-05w Kingman

DST Test Number: 2

