

31-22s-11w

15-185-23439

15-185-23439

La Veta Oil & Gas LLC

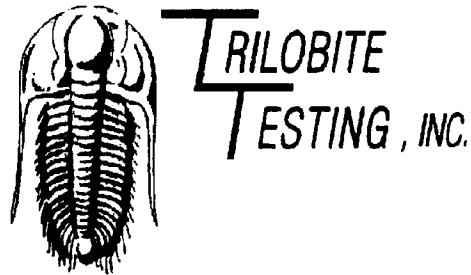
Allen #10

31 22 11 Stafford KS

DST # 1

L/KC A-D

2007.08.04



DRILL STEM TEST REPORT

Prepared For: **La Veta Oil & Gas LLC**

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

31 22 11 Stafford KS

Allen #10

Start Date: 2007.08.04 @ 17:14:51

End Date: 2007.08.04 @ 23:20:21

Job Ticket #: 28807 DST #: 1

15-185-23439

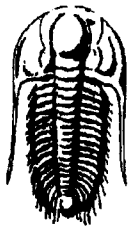
SW NE SE SW

760 FSL 2215 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28807

DST#: 1

ATTN: Bruce Reed

Test Start: 2007.08.04 @ 17:14:51

GENERAL INFORMATION:

Formation: **L/KC A-D**

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

Time Tool Opened: 19:24:01

Time Test Ended: 23:20:21

Test Type: **Conventional Bottom Hole**

Tester: **Zach Stover**

Unit No: **23**

Interval: **3244.00 ft (CF) To 3300.00 ft (CF) (TVD)**

Total Depth: **3300.00 ft (CF) (TVD)**

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

Reference Elevations: **1818.00 ft (KB)**

1813.00 ft (CF)

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

Serial #: 8289

Inside

Press@RunDepth: **33.24 psig @ 3245.50 ft (CF)**

Start Date: **2007.08.04**

End Date: **2007.08.04**

Capacity: **7000.00 psig**

Last Calib.: **2007.08.04**

Start Time: **17:14:56**

End Time: **23:20:20**

Time On Btm: **2007.08.04 @ 19:23:51**

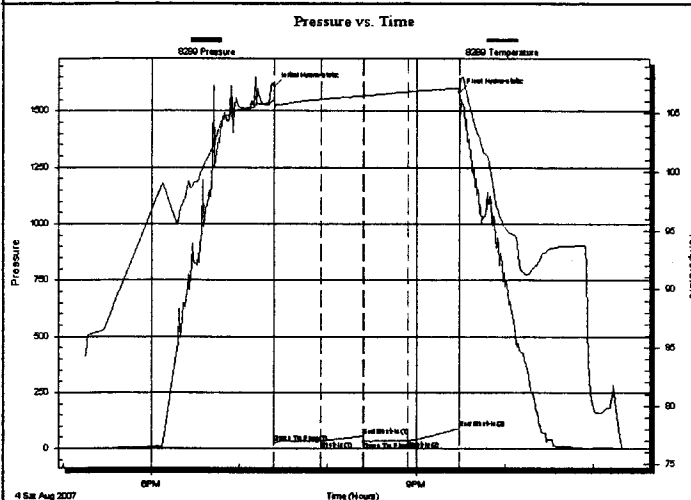
Time Off Btm: **2007.08.04 @ 21:28:51**

TEST COMMENT: **IF Surface blow Died in 10 min.**

ISI No blow

FF Weak surface blow

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.44	106.08	Initial Hydro-static
1	28.25	105.32	Open To Flow (1)
32	33.81	106.17	Shut-In (1)
61	56.05	106.47	End Shut-In (1)
61	30.75	106.47	Open To Flow (2)
91	33.24	106.82	Shut-In (2)
125	90.95	107.13	End Shut-In (2)
125	1583.47	108.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling Mud	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28807

DST#: 1

ATTN: Bruce Reed

Test Start: 2007.08.04 @ 17:14:51

Tool Information

Drill Pipe:	Length: 3107.00 ft	Diameter: 3.80 inches	Volume: 43.58 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume: 44.17 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3244.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	83.00 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			3218.00	
Shut In Tool	5.00			3223.00	
Hydraulic tool	5.00			3228.00	
Jars	5.00			3233.00	
Safety Joint	2.00			3235.00	
Packer	4.00			3239.00	27.00 Bottom Of Top Packer
Packer	5.00			3244.00	
Stubb	1.00			3245.00	
Change Over Sub	0.50			3245.50	
Recorder	0.00	8289	Inside	3245.50	
Blank Spacing	31.00			3276.50	
Change Over Sub	0.50			3277.00	
Perforations	18.00			3295.00	
Recorder	0.00	13789	Outside	3295.00	
Bullnose	5.00			3300.00	56.00 Bottom Packers & Anchor

Total Tool Length: 83.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28807

DST#: 1

ATTN: Bruce Reed

Test Start: 2007.08.04 @ 17:14:51

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: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 12.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	Drilling Mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbf

Num Fluid Samples: 0

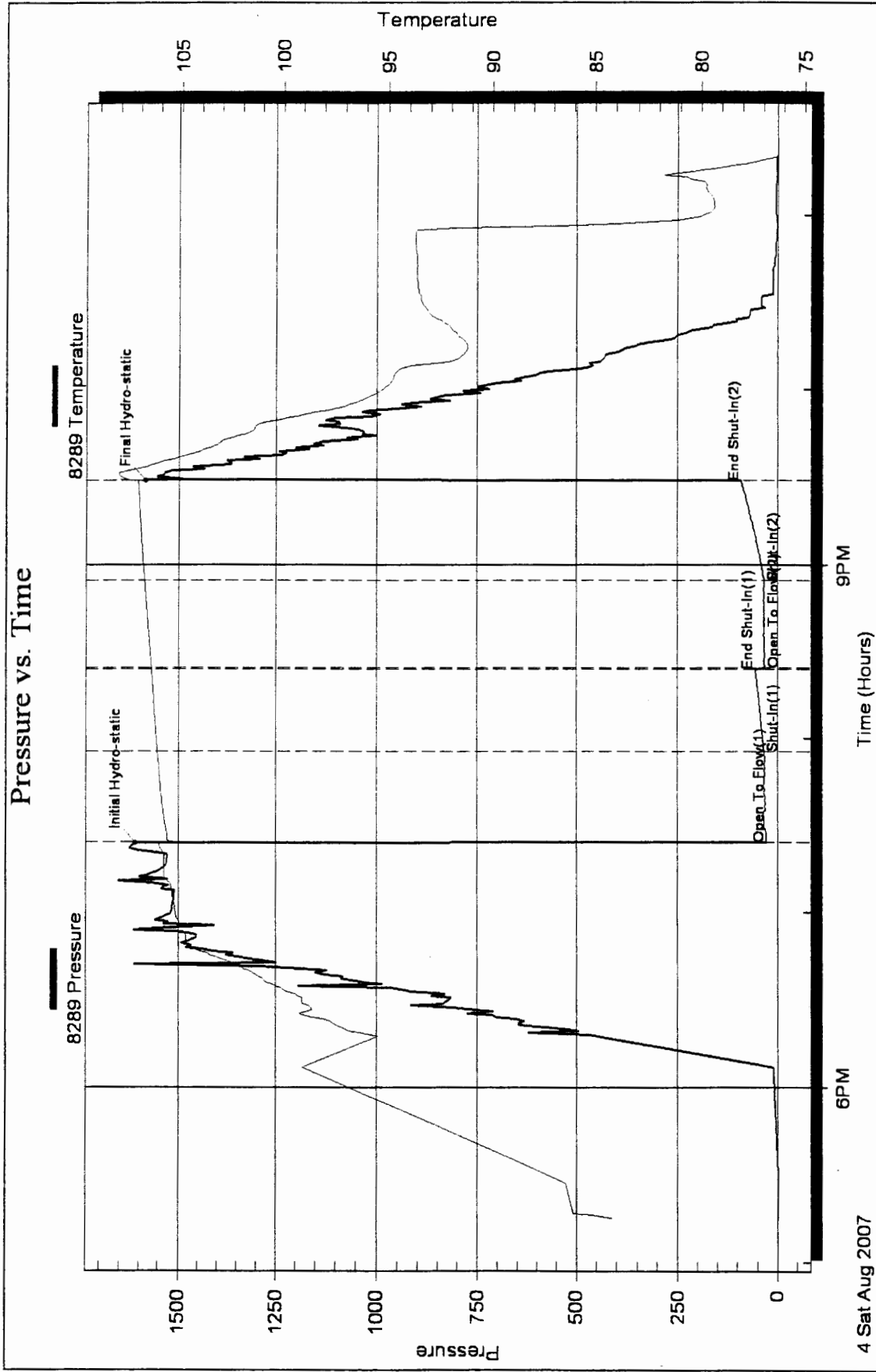
Num Gas Bombs: 0

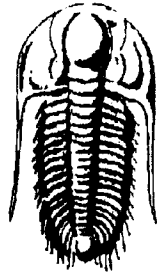
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **La Veta Oil & Gas LLC**

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

31 22 11 Stafford KS

Allen #10

Start Date: 2007.08.05 @ 19:19:08

End Date: 2007.08.06 @ 03:08:17

Job Ticket #: 28808 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

La Veta Oil & Gas LLC

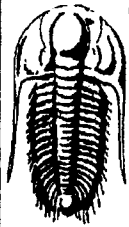
Allen #10

31 22 11 Stafford KS

DST # 2

L/KC

2007.08.05



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

La Veta Oil & Gas LLC

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

Allen #10

31 22 11 Stafford KS

Job Ticket: 28808

DST#: 2

Test Start: 2007.08.05 @ 19:19:08

GENERAL INFORMATION:

Formation: **L/KC**

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

Time Tool Opened: 21:11:08

Time Test Ended: 03:08:17

Test Type: **Conventional Bottom Hole**

Tester: **Zach Stover**

Unit No: **23**

Interval: **3370.00 ft (CF) To 3420.00 ft (CF) (TVD)**

Total Depth: **3420.00 ft (CF) (TVD)**

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

Reference Elevations: **1818.00 ft (KB)**

1813.00 ft (CF)

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

Serial #: 8289

Inside

Press@RunDepth: **112.03 psig @ 3373.50 ft (CF)**

Start Date: **2007.08.05** End Date: **2007.08.06**

Start Time: **19:19:13** End Time: **03:08:18**

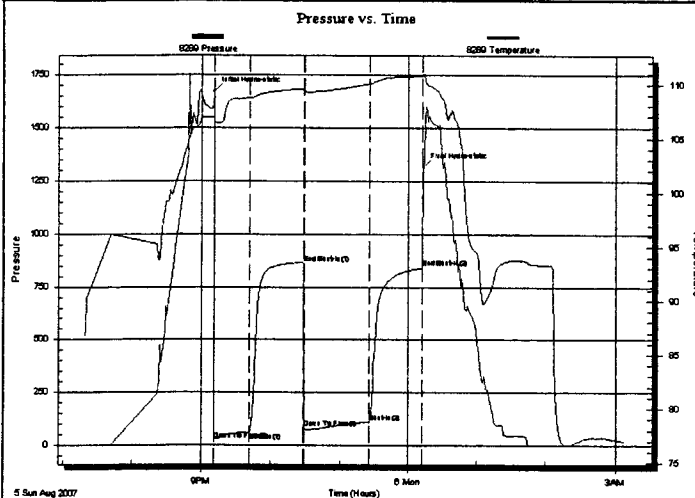
Capacity: **7000.00 psig**

Last Calib.: **2007.08.06**

Time On Btm: **2007.08.05 @ 21:10:38**

Time Off Btm: **2007.08.06 @ 00:12:48**

TEST COMMENT: IF Fair blow BOB in 30 min.
ISI Surface blow Died in 20 min.
FF Fair blow BOB in 25 min.
FSI Surface blow Died in 30 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.45	106.97	Initial Hydro-static
1	25.35	106.53	Open To Flow (1)
31	61.23	108.72	Shut-In (1)
78	864.33	109.57	End Shut-In (1)
78	80.58	109.36	Open To Flow (2)
136	112.03	110.03	Shut-In (2)
182	842.85	110.76	End Shut-In (2)
183	1316.95	110.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSWM 1%O 44%W 55%M	0.30
60.00	OCMV 5%O 70%W 25%M	0.30
60.00	GSY M&OCW 5%G 10%O 45%W 40%M	0.84
60.00	GSY W&OCM 10%G 30%O 10%W 50%M	0.84
0.00		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

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28808

DST#:2

ATTN: Bruce Reed

Test Start: 2007.08.05 @ 19:19:08

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	45.84 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3370.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	77.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3344.00	
Shut In Tool	5.00			3349.00	
Hydraulic tool	5.00			3354.00	
Jars	5.00			3359.00	
Safety Joint	2.00			3361.00	
Packer	4.00			3365.00	27.00 Bottom Of Top Packer
Packer	5.00			3370.00	
Stubb	1.00			3371.00	
Perforations	2.00			3373.00	
Change Over Sub	0.50			3373.50	
Recorder	0.00	8289	Inside	3373.50	
Blank Spacing	31.00			3404.50	
Change Over Sub	0.50			3405.00	
Perforations	10.00			3415.00	
Recorder	0.00	13789	Outside	3415.00	
Bullnose	5.00			3420.00	50.00 Bottom Packers & Anchor

Total Tool Length: 77.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28808

DST#: 2

ATTN: Bruce Reed

Test Start: 2007.08.05 @ 19:19:08

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:

32000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OSWM 1%O 44%W 55%M	0.295
60.00	OCMV 5%O 70%W 25%M	0.295
60.00	GSY M&OCW 5%G 10%O 45%W 40%M	0.842
60.00	GSY W&OCM 10%G 30%O 10%W 50%M	0.842
0.00		0.000

Total Length: 240.00 ft

Total Volume: 2.274 bbl

Num Fluid Samples: 0

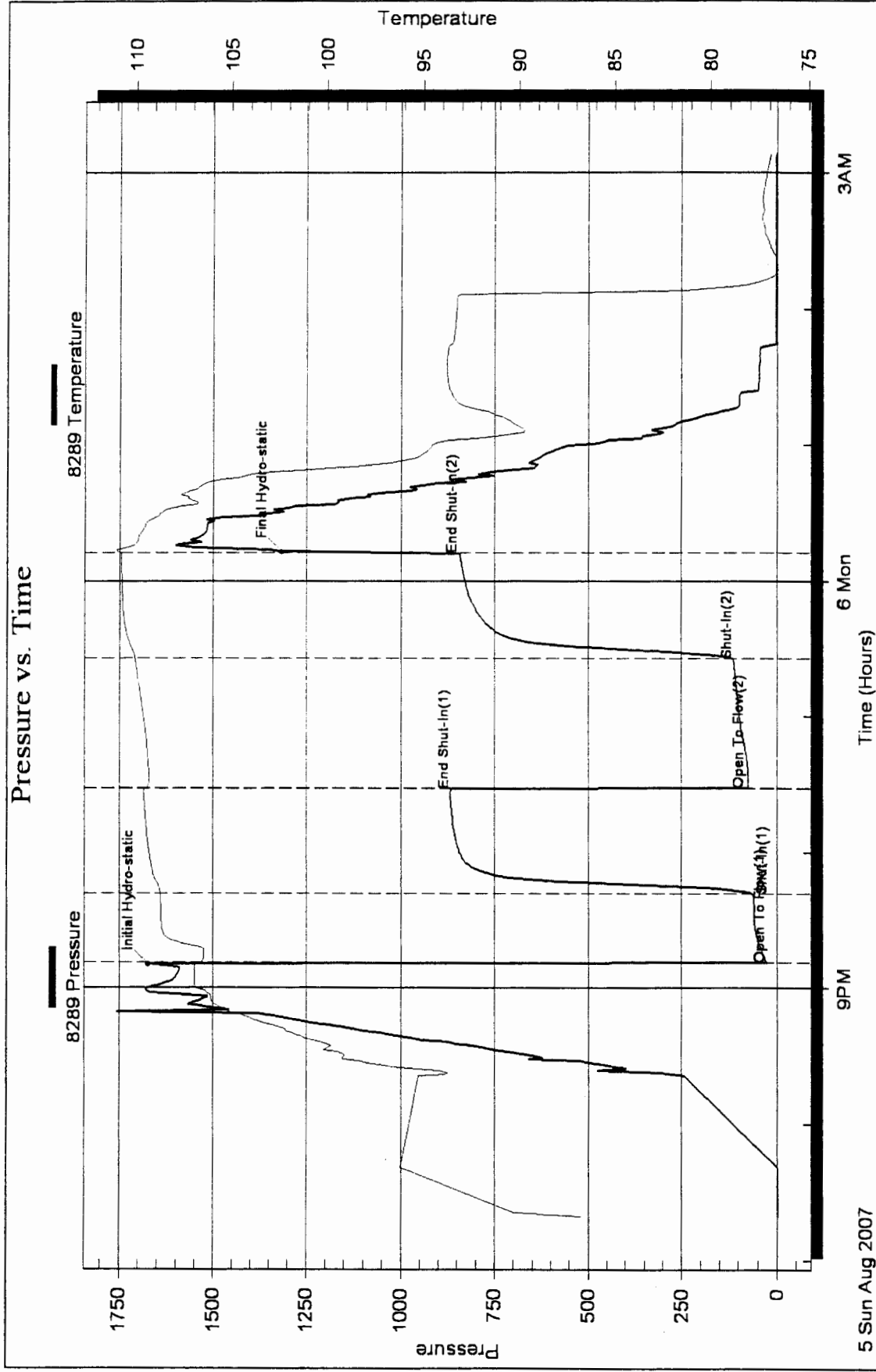
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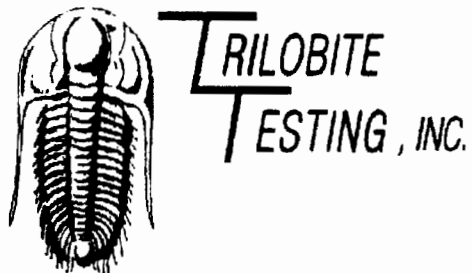
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **La Veta Oil & Gas LLC**

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

31 22 11 Stafford KS

Allen #10

Start Date: 2007.08.04 @ 17:14:56

End Date: 2007.08.04 @ 23:20:20

Job Ticket #: 28809 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

La Veta Oil & Gas LLC

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

Allen #10

31 22 11 Stafford KS

Job Ticket: 28809

DST#: 3

Test Start: 2007.08.04 @ 17:14:56

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 19:24:01

Time Test Ended: 23:20:20

Test Type: **Conventional Bottom Hole**

Tester: **Zach Stover**

Unit No: **23**

Interval: **3481.00 ft (CF) To 3530.00 ft (CF) (TVD)**

Total Depth: **3300.00 ft (CF) (TVD)**

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

Reference Elevations: **1818.00 ft (KB)**

1813.00 ft (CF)

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

Serial #: 8289

Inside

Press@RunDepth: **psig @ 3482.50 ft (CF)**

Start Date: **2007.08.04**

End Date:

2007.08.04

Capacity:

7000.00 psig

Start Time:

17:14:56

End Time:

23:20:20

Last Calib.:

2007.08.04

Time On Btm:

2007.08.04 @ 19:23:51

Time Off Btm:

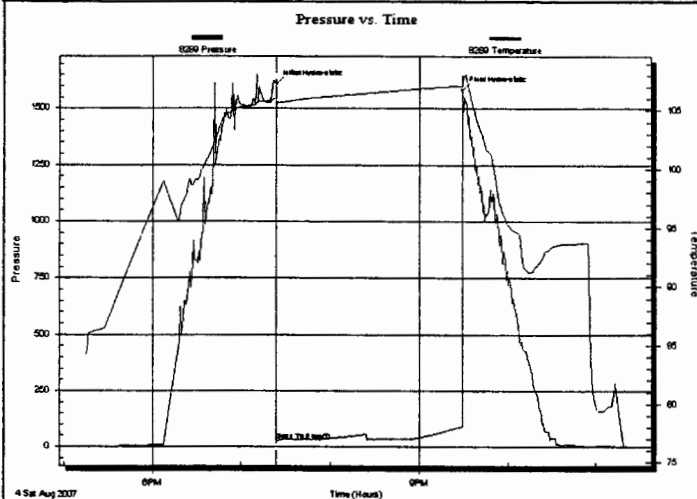
2007.08.04 @ 21:28:51

TEST COMMENT: IF Weak surface blow died in 5 min

ISI No blow

FF No blow

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.44	106.08	Initial Hydro-static
1	28.25	105.32	Open To Flow(1)
125	1583.47	108.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling mud	0.10

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28809

DST#: 3

ATTN: Bruce Reed

Test Start: 2007.08.04 @ 17:14:56

Tool Information

Drill Pipe:	Length: 3352.00 ft	Diameter: 3.80 inches	Volume: 47.02 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 47.61 bbl	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3481.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 ft				
Tool Length:	83.00 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			3455.00	
Shut In Tool	5.00			3460.00	
Hydraulic tool	5.00			3465.00	
Jars	5.00			3470.00	
Safety Joint	2.00			3472.00	
Packer	4.00			3476.00	27.00 Bottom Of Top Packer
Packer	5.00			3481.00	
Stubb	1.00			3482.00	
Change Over Sub	0.50			3482.50	
Recorder	0.00	8289	Inside	3482.50	
Blank Spacing	31.00			3513.50	
Change Over Sub	0.50			3514.00	
Perforations	18.00			3532.00	
Recorder	0.00	13789	Outside	3532.00	
Bullnose	5.00			3537.00	56.00 Bottom Packers & Anchor
Total Tool Length:		83.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28809

DST#: 3

ATTN: Bruce Reed

Test Start: 2007.08.04 @ 17:14:56

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8289

Inside

La Veta Oil & Gas LLC

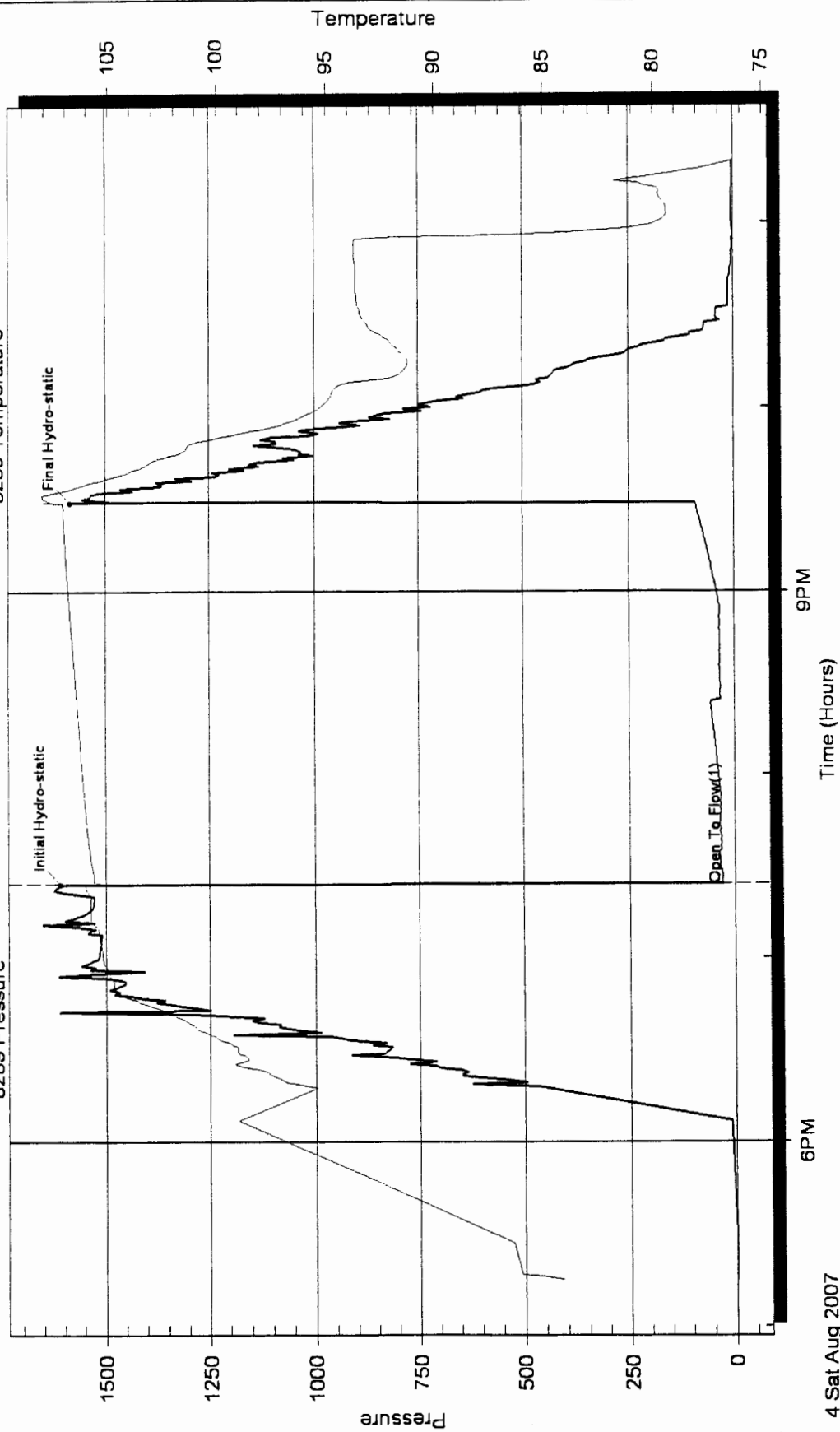
31 22 11 Stafford KS

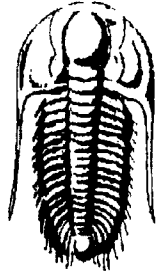
DST Test Number: 3

Pressure vs. Time

8289 Pressure

8289 Temperature





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **La Veta Oil & Gas LLC**

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

31 22 11 Stafford KS

Allen #10

Start Date: 2007.08.07 @ 04:13:11

End Date: 2007.08.07 @ 10:28:11

Job Ticket #: 28810 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

La Veta Oil & Gas LLC

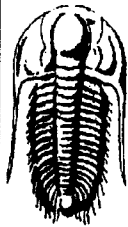
Allen #10

31 22 11 Stafford KS

DST # 4

Arbuckle

2007.08.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

La Veta Oil & Gas LLC

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

Allen #10

31 22 11 Stafford KS

Job Ticket: 28810

DST#: 4

Test Start: 2007.08.07 @ 04:13:11

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 06:05:51

Time Test Ended: 10:28:11

Interval: **3528.00 ft (CF) To 3534.00 ft (CF) (TVD)**

Total Depth: 3300.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Reference Elevations: 1818.00 ft (KB)

1813.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289

Inside

Press@RunDepth: 93.11 psig @ 3529.00 ft (CF)

Start Date: 2007.08.07

End Date: 2007.08.07

Start Time: 04:13:16

End Time: 10:28:10

Capacity: 7000.00 psig

Last Calib.: 2007.08.07

Time On Btm: 2007.08.07 @ 06:04:51

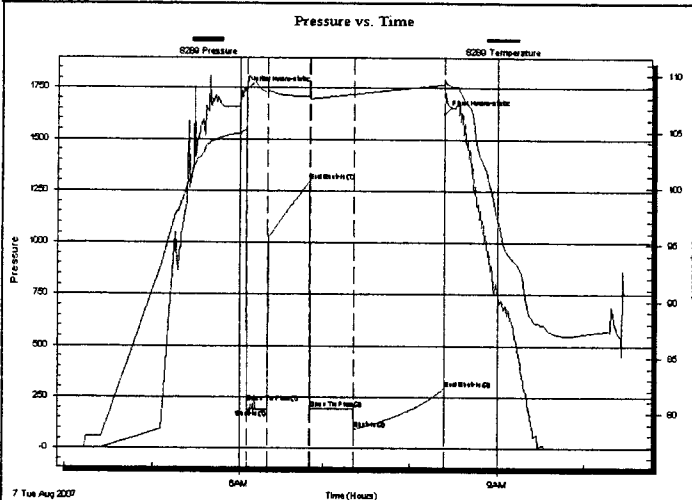
Time Off Btm: 2007.08.07 @ 08:23:51

TEST COMMENT: IF Strong blow BOB immediately Weakend to surface at 15 min.

ISI No blow

FF No blow

FSI No blow



PRESSURE SUMMARY

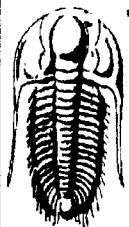
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1737.68	105.16	Initial Hydro-static
1	219.77	108.94	Open To Flow (1)
16	187.32	108.42	Shut-In(1)
45	1298.27	108.19	End Shut-In(1)
46	194.13	107.88	Open To Flow (2)
77	93.11	108.36	Shut-In(2)
139	292.77	109.20	End Shut-In(2)
139	1622.46	109.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
350.00	Drilling mud	3.82

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28810

DST#: 4

ATTN: Bruce Reed

Test Start: 2007.08.07 @ 04:13:11

Tool Information

Drill Pipe:	Length: 3390.00 ft	Diameter: 3.80 inches	Volume: 47.55 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 48.14 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3528.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	33.00 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			3502.00	
Shut In Tool	5.00			3507.00	
Hydraulic tool	5.00			3512.00	
Jars	5.00			3517.00	
Safety Joint	2.00			3519.00	
Packer	4.00			3523.00	27.00 Bottom Of Top Packer
Packer	5.00			3528.00	
Stubb	1.00			3529.00	
Recorder	0.00	8289	Inside	3529.00	
Perforations	3.00			3532.00	
Recorder	0.00	13789	Outside	3532.00	
Bullnose	2.00			3534.00	6.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28810

DST#: 4

ATTN: Bruce Reed

Test Start: 2007.08.07 @ 04:13:11

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 13400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
350.00	Drilling mud	3.816

Total Length: 350.00 ft

Total Volume: 3.816 bbl

Num Fluid Samples: 0

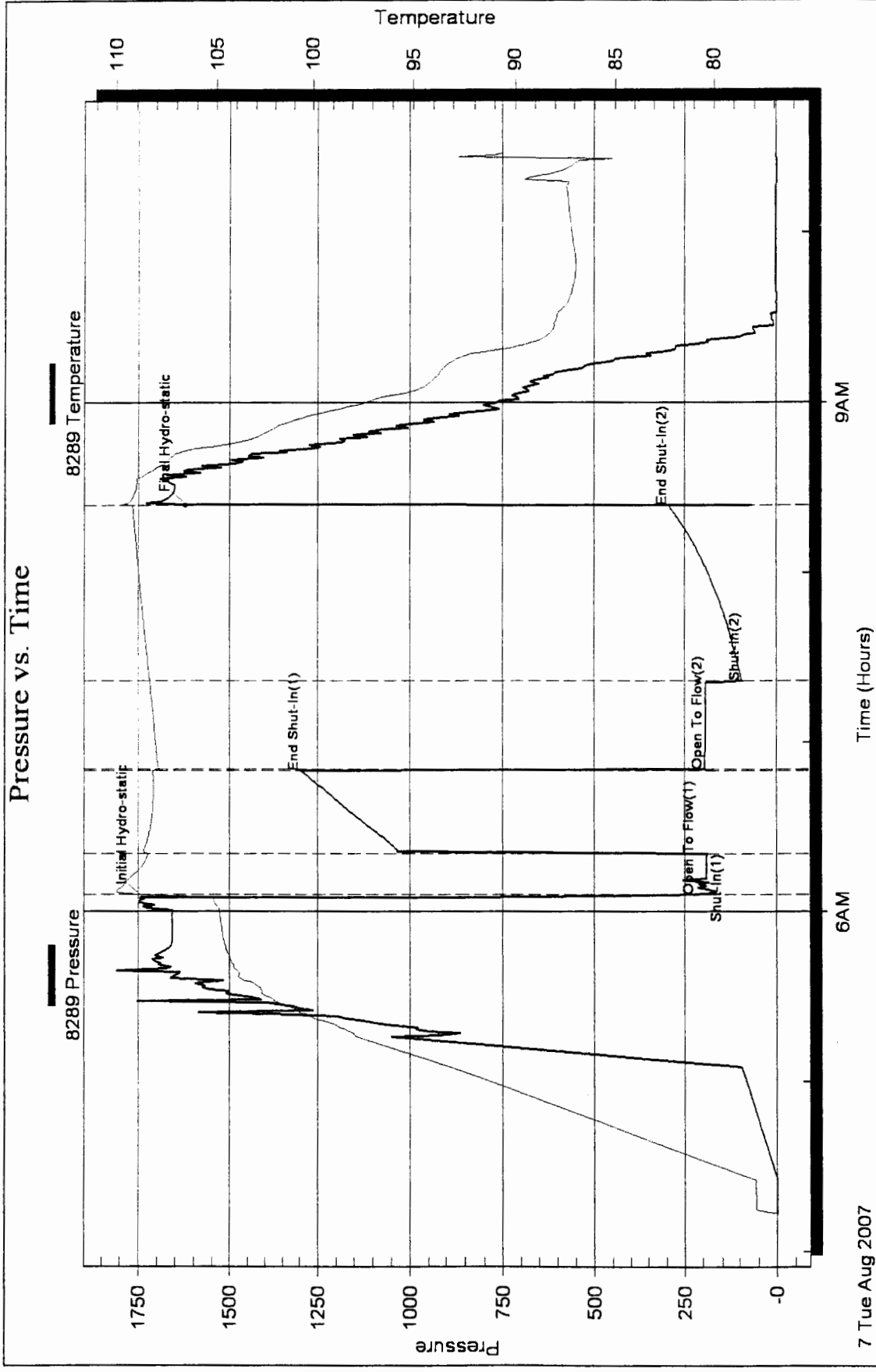
Num Gas Bombs: 0

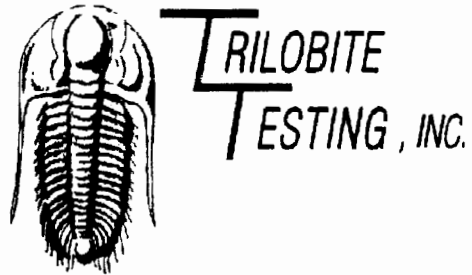
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **La Veta Oil & Gas LLC**

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

31 22 11 Stafford KS

Allen #10

Start Date: 2007.08.07 @ 19:10:19

End Date: 2007.08.08 @ 04:28:49

Job Ticket #: 28811 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

La Veta Oil & Gas LLC

PO Box 780
Middleburg VA 20118

ATTN: Bruce Reed

Allen #10

31 22 11 Stafford KS

Job Ticket: 28811

DST#: 5

Test Start: 2007.08.07 @ 19:10:19

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 22:25:19

Time Test Ended: 04:28:49

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: **3466.00 ft (CF) To 3535.00 ft (CF) (TVD)**

Total Depth: 3535.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1818.00 ft (KB)

1813.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289

Inside

Press@RunDepth: 257.34 psig @ 3472.50 ft (CF)

Start Date: 2007.08.07

End Date:

2007.08.08

Start Time: 19:10:24

End Time:

04:28:49

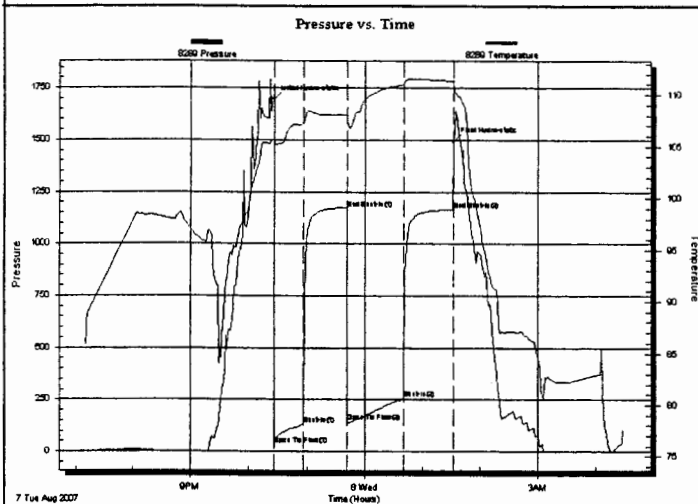
Capacity: 7000.00 psig

Last Calib.: 2007.08.08

Time On Btm: 2007.08.07 @ 22:25:09

Time Off Btm: 2007.08.08 @ 01:32:18

TEST COMMENT: IF Strong blow BOB in 17 min.
ISI Fair blow Built to 6 in . Weekend to 1 in.
FF Strong blow BOB in 10 min.
FSI Fair blow Built to 4 in. Died in 30 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.84	105.70	Initial Hydro-static
1	34.49	105.10	Open To Flow (1)
31	131.43	107.30	Shut-In (1)
76	1170.72	108.04	End Shut-In (1)
76	145.59	107.44	Open To Flow (2)
135	257.34	111.01	Shut-In (2)
187	1165.43	111.31	End Shut-In (2)
188	1494.14	111.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GSY O&WCM 5%G 30%O 10%W 55%M1.01	
420.00	GSY O 5%G 95%O	5.89
0.00	450 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

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28811

DST#: 5

ATTN: Bruce Reed

Test Start: 2007.08.07 @ 19:10:19

Tool Information

Drill Pipe:	Length: 3324.00 ft	Diameter: 3.80 inches	Volume: 46.63 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	47.22 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3466.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	96.00 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			3440.00	
Shut In Tool	5.00			3445.00	
Hydraulic tool	5.00			3450.00	
Jars	5.00			3455.00	
Safety Joint	2.00			3457.00	
Packer	4.00			3461.00	27.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Perforations	5.00			3472.00	
Change Over Sub	0.50			3472.50	
Recorder	0.00	8289	Inside	3472.50	
Blank Spacing	31.00			3503.50	
Change Over Sub	0.50			3504.00	
Perforations	26.00			3530.00	
Recorder	0.00	13789	Outside	3530.00	
Bullnose	5.00			3535.00	69.00 Bottom Packers & Anchor
Total Tool Length:		96.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

La Veta Oil & Gas LLC

Allen #10

PO Box 780
Middleburg VA 20118

31 22 11 Stafford KS

Job Ticket: 28811

DST#: 5

ATTN: Bruce Reed

Test Start: 2007.08.07 @ 19:10:19

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 18500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GSY O&WCM 5%G 30%O 10%W 55%M	1.011
420.00	GSY O 5%G 95%O	5.891
0.00	450 GIP	0.000

Total Length: 570.00 ft

Total Volume: 6.902 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

