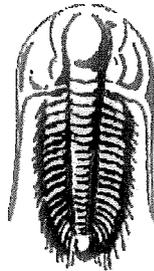


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31-22s-11w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **LaVeta Oil & Gas**

PO Box 780
Middleberg, VA 20118

ATTN: Bruce Reed

31-22-11 Stafford,KS

Heyen B # 13

Start Date: 2011.06.11 @ 17:37:12

End Date: 2011.06.12 @ 00:34:12

Job Ticket #: 042457 DST #: 1

LaVeta Oil & Gas

Heyen B # 13

31-22-11 Stafford,KS

DST # 1

Lansing KC H-J

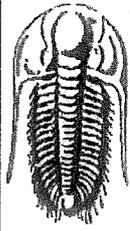
2011.06.11

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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KCC WICHITA



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

LaVeta Oil & Gas
 PO Box 780
 Middleberg, VA 20118
 ATTN: Bruce Reed

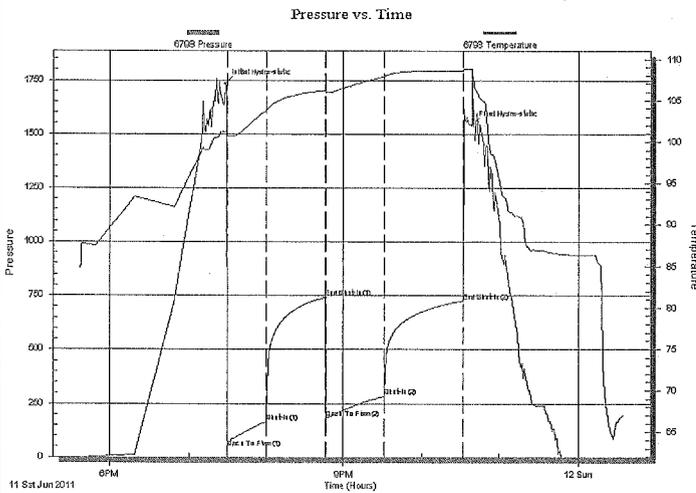
Heyen B # 13
 31-22-11 Stafford, KS
 Job Ticket: 042457 DST#: 1
 Test Start: 2011.06.11 @ 17:37:12

GENERAL INFORMATION:

Formation: **Lansing KC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:29:42
 Time Test Ended: 00:34:12
 Interval: **3350.00 ft (KB) To 3402.00 ft (KB) (TVD)**
 Total Depth: 3402.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1820.00 ft (KB)
 1815.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 284.59 psig @ 3351.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.11 End Date: 2011.06.12 Last Calib.: 2011.06.12
 Start Time: 17:37:13 End Time: 00:34:12 Time On Btm: 2011.06.11 @ 19:28:12
 Time Off Btm: 2011.06.11 @ 22:38:42

TEST COMMENT: IF: Fair Blow, BOB in 12 minutes
 IS: Bled Off, No Blow back
 FF: Fair Blow, BOB in 19 minutes
 FS: Bled Off, No Blow back



PRESSURE SUMMARY

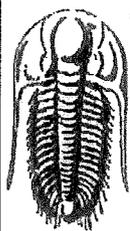
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1733.95	101.22	Initial Hydro-static
2	43.64	100.76	Open To Flow (1)
32	164.93	103.79	Shut-In(1)
78	743.14	106.22	End Shut-In(1)
79	183.38	106.03	Open To Flow (2)
124	284.59	107.92	Shut-In(2)
184	724.78	108.55	End Shut-In(2)
191	1543.05	108.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Water	4.19
31.00	SOMCW 2%O 40%M 58%W	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LaVeta Oil & Gas
PO Box 780
Middleberg, VA 20118
ATTN: Bruce Reed

Heyen B # 13
31-22-11 Stafford,KS
Job Ticket: 042457 **DST#: 1**
Test Start: 2011.06.11 @ 17:37:12

Tool Information

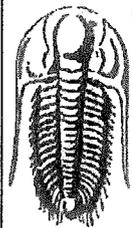
Drill Pipe:	Length: 3239.00 ft	Diameter: 3.80 inches	Volume: 45.43 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.25 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3350.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 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			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Recorder	0.00	6798	Inside	3351.00	
Recorder	0.00	8367	Outside	3351.00	
Perforations	10.00			3361.00	
Change Over Sub	1.00			3362.00	
Drill Pipe	31.00			3393.00	
Change Over Sub	1.00			3394.00	
Perforations	5.00			3399.00	
Bullnose	3.00			3402.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LaVeta Oil & Gas
 PO Box 780
 Middleberg, VA 20118
 ATTN: Bruce Reed

Heyen B # 13
 31-22-11 Stafford, KS
 Job Ticket: 042457 DST#: 1
 Test Start: 2011.06.11 @ 17:37:12

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:	110000 ppm
Viscosity: 80.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7600.00 ppm			
Filter Cake: 0.20 inches			

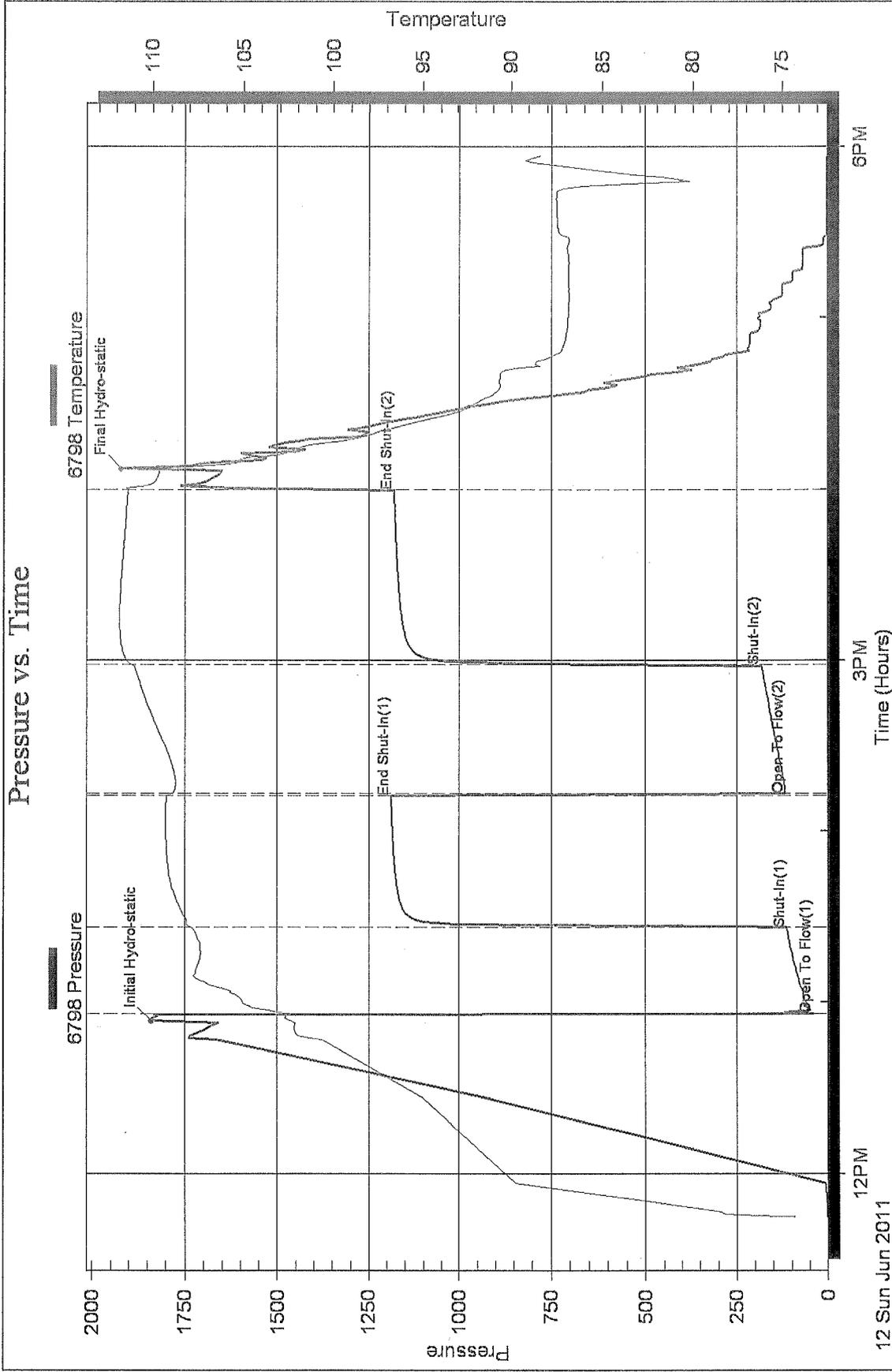
Recovery Information

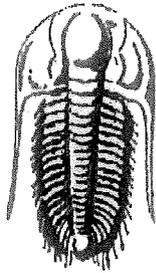
Recovery Table

Length ft	Description	Volume bbl
420.00	Water	4.194
31.00	SOMCW 2%O 40%M 58%W	0.435

Total Length: 451.00 ft Total Volume: 4.629 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RWw as .075 @ 70 degrees

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **LaVeta Oil & Gas**
PO Box 780
Middleberg, VA 20118

ATTN: Bruce Reed

31-22-11 Stafford,KS

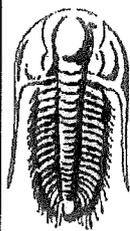
Heyen B # 13

Start Date: 2011.06.12 @ 11:44:29

End Date: 2011.06.12 @ 17:56:29

Job Ticket #: 042458 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LaVeta Oil & Gas
PO Box 780
Middleberg, VA 20118
ATTN: Bruce Reed

Heyen B # 13
31-22-11 Stafford,KS
Job Ticket: 042458 **DST#: 2**
Test Start: 2011.06.12 @ 11:44:29

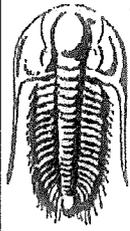
Tool Information

Drill Pipe:	Length: 3366.00 ft	Diameter: 3.80 inches	Volume: 47.22 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.25 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3503.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3488.00	
Hydraulic tool	5.00			3493.00	
Packer	5.00			3498.00	20.00 Bottom Of Top Packer
Packer	5.00			3503.00	
Stubb	1.00			3504.00	
Recorder	0.00	6798	Inside	3504.00	
Recorder	0.00	8367	Outside	3504.00	
Perforations	20.00			3524.00	
Bullnose	3.00			3527.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LaVeta Oil & Gas

Heyen B # 13

PO Box 780
Middleberg, VA 20118

31-22-11 Stafford,KS

Job Ticket: 042458

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.06.12 @ 11:44:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	320 feet gip	0.000
121.00	GSY OCM 30%G 20%O 50%M	0.000
380.00	Clean Gassy Oil 10%G 90%O	5.330

Total Length: 501.00 ft Total Volume: 5.330 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

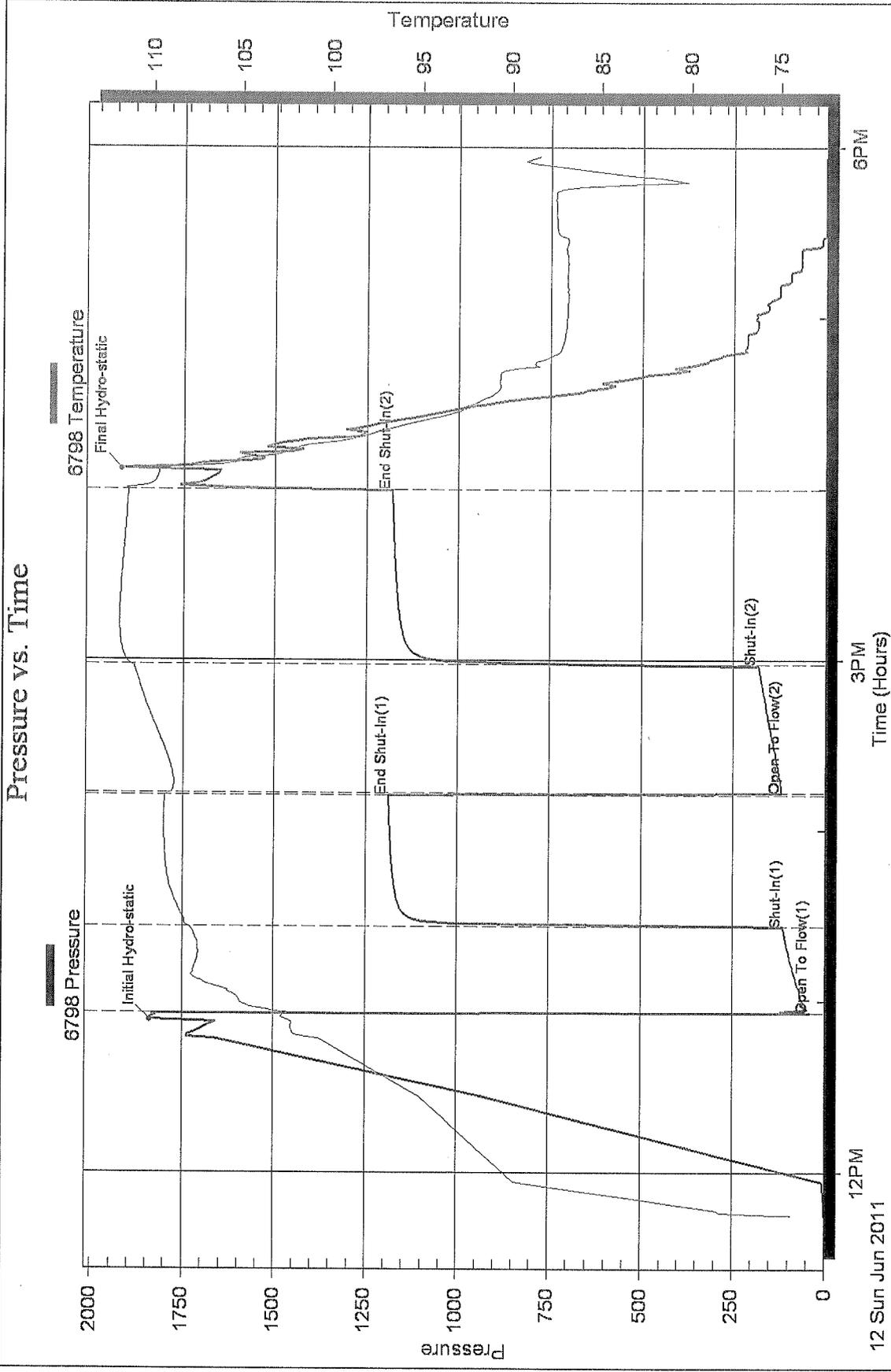
Serial #:

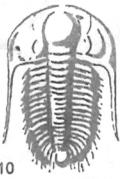
Laboratory Name:

Laboratory Location:

Recovery Comments: Oil was 33.8 @ 80 degrees = 31.8

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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JUN 13 2011

Test Ticket

NO. 042457 15902

Well Name & No. Heyen B #13 BY: _____ Test No. 1 Date 06/11/11
 Company Laveta Oil & Gas Elevation 1820 KB 1815 GL _____
 Address PO Box 780 Middleburg Va 20118
 Co. Rep / Geo. Bruce Reed Rig Petromark Rig #2
 Location: Sec. 31 Twp. 22S Rge. 11W Co. Stafford State KS

Interval Tested 3350 - 3402 Zone Tested Lansing / KC H-J
 Anchor Length 52 Drill Pipe Run 3239 Mud Wt. 9.1
 Top Packer Depth 3345 Drill Collars Run 121 Vis 80
 Bottom Packer Depth 3350 Wt. Pipe Run 0 WL 10.4
 Total Depth 3402 Chlorides 7600 ppm System LCM _____

Blow Description IF: Fair Blow, BOB in 12 minutes
TSI: Bled off, NO Blowback
FF: Fair Blow, BOB in 19 minutes
FSF: Bled off,

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>SOMCW</u>	<u>2</u>	<u>58</u>	<u>40</u>	
<u>420</u>	<u>water</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

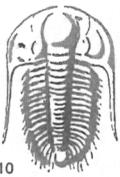
Rec Total 451 BHT 109° Gravity N/C API RW .075 @ 70 ° F Chlorides 110,000 ppm
 (A) Initial Hydrostatic 1734 Test 1125 T-On Location 16:45
 (B) First Initial Flow 44 Jars _____ T-Started 17:37
 (C) First Final Flow 165 Safety Joint _____ T-Open 19:29
 (D) Initial Shut-In 743 Circ Sub _____ T-Pulled 22:31
 (E) Second Initial Flow 183 Hourly Standby _____ T-Out 00:34
 (F) Second Final Flow 285 Mileage (800) 112° Comments _____
 (G) Final Shut-In 725 Sampler _____
 (H) Final Hydrostatic 1543 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 8
 Final Shut-In 60 Day Standby _____ Total 1237
 Accessibility _____ MP/DST Disc't *
 Sub Total 1237

Approved By Bruce Reed

Our Representative _____

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 13 2011

Test Ticket

NO. 042458

Well Name & No. Heyen B #13 Test No. 2 Date 06/12/11
 Company LAVETA Oil & Gas Elevation 1820 KB 1815 GL
 Address PO BOX 780 Middleburg Va 20118
 Co. Rep / Geo. Bruce Reed Rig Petromark Rig #2
 Location: Sec. 31 Twp. 22S Rge. 11W Co. Stafford State KS

Interval Tested 3503 - 3527 Zone Tested Arbuckle
 Anchor Length 24 Drill Pipe Run 3366 Mud Wt. 9.2
 Top Packer Depth 3498 Drill Collars Run 121 Vis 66
 Bottom Packer Depth 3503 Wt. Pipe Run 0 WL 10.8
 Total Depth 3527 Chlorides 9000 ppm System LCM

Blow Description IF: Fair Blow, BOB in 12 minutes
ISI: Bled off, blowback built to 1 inch
FF: Fair Blow, BOB in 15 minutes
FST: Bled off, NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>320</u>	<u>GIP</u>				
<u>380</u>	<u>Clean Gassy Oil</u>	<u>10%</u>	<u>90%</u>		
<u>121</u>	<u>GSY OCM</u>	<u>30%</u>	<u>20%</u>		<u>50%</u>
<u>501</u>	<u>BHT 111</u>	<u>31.8</u>	<u>API RW N/C</u>	<u>@ NK° F</u>	<u>Chlorides N/C ppm</u>

(A) Initial Hydrostatic 1939 Test 1125 T-On Location 11:15
 (B) First Initial Flow 41 Jars T-Started 11:44
 (C) First Final Flow 113 Safety Joint T-Open 12:55
 (D) Initial Shut-In 1188 Circ Sub T-Pulled 15:59
 (E) Second Initial Flow 117 Hourly Standby T-Out 17:56
 (F) Second Final Flow 182 Mileage (80) 112 Comments
 (G) Final Shut-In ~~1180~~ 1180 Sampler
 (H) Final Hydrostatic 1920 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1237
 Accessibility MP/DST Disc't
 Sub Total 1237

Approved By Bruce A. Reed Our Representative [Signature]
 TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.