



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Molz Oil Company

19159 SW Clairmont
Kloma KS 67070

ATTN: Arden Ratzlaff

Achenbach B#2

1-35a-12w Barber, KS

Job Ticket: 039281

DST#: 2

Test Start: 2010.11.11 @ 15:27:07

GENERAL INFORMATION:

Formation: Simpson

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:50:07

Time Test Ended: 04:04:07

Interval: 5288.00 ft (KB) To 5330.00 ft (KB) (TVD)

Total Depth: 5330.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Reference Elevations: 1420.00 ft (KB)

1410.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 1090.64 psig @ 5289.00 ft (KB)

Start Date: 2010.11.11

End Date:

2010.11.12

Start Time: 15:27:12

End Time:

04:04:07

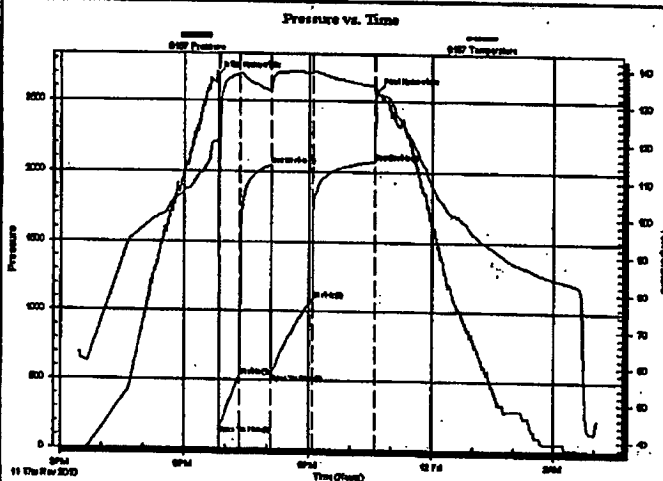
Capacity: 8000.00 psig

Last Calib.: 2010.11.12

Time On Btm: 2010.11.11 @ 18:48:07

Time Off Btm: 2010.11.11 @ 22:39:22

TEST COMMENT: F: Strong blow . B.O.B. in 2.3 mins.
1st Weak blow . 1/4 - 1/2".
FF: Strong blow . B.O.B. in 3 mins.
FSt Weak blow . 1/2 - 1".



PRESSURE SUMMARY

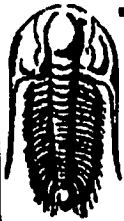
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2679.94	120.83	Initial Hydro-static
2	108.79	119.79	Open To Flow (1)
32	526.82	138.36	Shut-In(1)
77	2045.05	134.07	End Shut-In(1)
77	540.07	133.60	Open To Flow (2)
137	1090.64	138.95	Shut-In(2)
229	2075.74	135.50	End Shut-In(2)
232	2586.95	133.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1870.00	SW/Rw .15@ 45 deg	24.59
275.00	MW 34% m 66% w	3.86
0.00	90 ft. of GP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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1-35e-12w Barber, KS

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End Date:

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Capacity: 8000.00 psig

Last Calib.: 2010.11.12

Start Time: 15:27:12

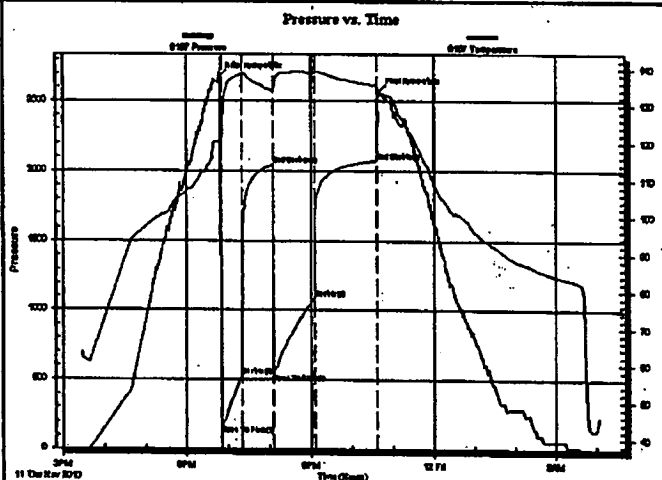
End Time:

04:04:07

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IS: Weak blow . 1/4 - 1/2".
FF: Strong blow . B.O.B. in 3 mins.
FIS: Weak blow . 1/2 - 1".



PRESSURE SUMMARY

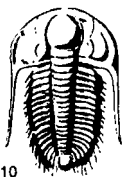
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2679.94	120.83	Initial Hydro-static
2	108.79	119.79	Open To Flow (1)
32	528.82	138.36	Shut-In (1)
77	2045.05	134.07	End Shut-In (1)
77	540.07	133.60	Open To Flow (2)
137	1090.64	138.95	Shut-In (2)
228	2075.74	135.50	End Shut-In (2)
232	2566.95	133.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1870.00	SW/Rw .15 @ 45 deg	24.59
275.00	MW 34% m 66% w	3.86
0.00	90 ft. of GP	0.00

Gas Rates

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

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 03949115047

Well Name & No. Archenbach B#2 Test No. 1 Date 11.09.10
Company Molz Oil Company Elevation 1420 KB 1410 GL
Address 19159 SW Clairmont Kiowa KS 67070
Co. Rep / Geo. Arden Ratzlaff Rig Tomcat Drlg #3
Location: Sec. 1 Twp. 35s Rge. 12w Co. Barber State KS

Interval Tested 5138-5154 Zone Tested Misener
Anchor Length 16 Drill Pipe Run 4944 Mud Wt. 9.0
Top Packer Depth 5133 Drill Collars Run 182 Vis 57
Bottom Packer Depth 5138 Wt. Pipe Run 2 WL 8.0
Total Depth 5154 Chlorides 9000 ppm System LCM 7#

Blow Description IF: Strong blow. BOB in 20 sec. GTS in 5 min. (see gas flow report)

ISI: Fair blow. BOB in 3 min.

FF: Strong blow. BOB in 2 sec.

FSI: Fair blow. BOB in 3 min.

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Oil to surface - Reversed out</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total see comments BHT 132 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2631 ☒ Test 1325-
(B) First Initial Flow 454 ☐ Jars _____
(C) First Final Flow 790 ☒ Safety Joint 75-
(D) Initial Shut-In 2046 ☒ Circ Sub 50
(E) Second Initial Flow 882 ☐ Hourly Standby _____
(F) Second Final Flow 1768 ☒ Mileage 110 R.T. 137.50
(G) Final Shut-In 2048 ☐ Sampler _____
(H) Final Hydrostatic 2662 ☐ Straddle _____

☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☒ Accessibility 150-
Sub Total 1737.50

T-On Location 1245
T-Started 1325
T-Open 1705
T-Pulled 2056
T-Out 0824

Comments Oil to surface upon pulling off from bottom, thus we reversed all the fluid back out the top and recovered none

☐ Ruined Shale Packer _____
☐ Ruined Packer _____

☐ Extra Copies _____

Sub Total 0

Total 1737.50

MP/DST Disc't _____

Approved By Arden Ratzlaff

Our Representative Frank Anderson

TriLOBITE TESTING Inc. shall not be liable for damaged or 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.



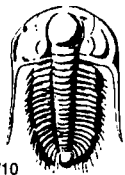
GAS VOLUME REPORT

UME REPORT
Auchenbach B#2

WELL NAME AND NO.

1
DST NO.

Remarks:



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039281

Well Name & No. ACHENBACH B#2 Test No. 2 Date 11-11-10
Company MOLZ OIL COMPANY Elevation 1420 KB 1410 GL
Address 19159 SW. CLAREMONT, KIOWA KS. 67070
Co. Rep / Geo. ARDEN RATZLAFF Rig TEM CAT DRILL #3
Location: Sec. 1 Twp. 35 S Rge. 12 W Co. BARBER State KS.

Interval Tested 5288-5330' Zone Tested SIMPSON
Anchor Length 42' Drill Pipe Run 5094' Mud Wt. 9.0
Top Packer Depth 5283' Drill Collars Run 180' Vis 56
Bottom Packer Depth 5288' Wt. Pipe Run 0 WL 8.8cc
Total Depth 5330' Chlorides 8,000 ppm System LCM 4#
Blow Description IF: STRONG BLOW. BOB IN 2-3 MINS. IST: ~~W~~ WEAK
BLOW. 1/4 - 1/2".
FF: STRONG BLOW. BOB IN 3 MINS. EST: WEAK BLOW. 1/2 - 1".

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>GIP</u>				
<u>275</u>	<u>MW</u>			<u>66</u>	<u>34</u>
<u>1870</u>	<u>SW</u>				

Rec Total 2145 Fluid BHT 139.0 Gravity N/A API RW 15 @ 45 °F Chlorides 8,500 ppm
(A) Initial Hydrostatic 2680 ☒ Test 1325 T-On Location 1452
(B) First Initial Flow 609 ☐ Jars 1527
(C) First Final Flow 527 ☒ Safety Joint 75 T-Open 1850
(D) Initial Shut-In 2045 ☐ Circ Sub 2238
(E) Second Initial Flow 540 ☐ Hourly Standby 1/2 hrs 150 T-Out 03404
(F) Second Final Flow 1091 ☒ Mileage (110) 13750 Comments
(G) Final Shut-In 2076 ☐ Sampler
(H) Final Hydrostatic 2567 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer

Initial Open 30 ☐ Extra Packer ☐ Extra Copies
Initial Shut-In 45 ☐ Extra Recorder
Final Flow 60 ☐ Day Standby
Final Shut-In 90 ☒ Accessibility 150
Sub Total 1837.50 MP/DST Disc't

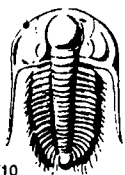
Approved By

Arden Ratzlaff

Our Representative

Gregory P. [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.



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
NOV 16 2010
BY: _____

Test Ticket

NO. 039492

Well Name & No. Auchenbach B#2 Test No. 3 Date 11.13.10
Company Molz Oil Company Elevation 1420 KB 1410 GL
Address 19159 SW Clairmont Kiowa KS 67070
Co. Rep / Geo. Arden Ratzlaff Rig Tomcat Drlg #3
Location: Sec. 1 Twp. 35s Rge. 12w Co. Barber State KS

Interval Tested 5471-5498 Zone Tested Simpson
Anchor Length 27 Drill Pipe Run 5281 Mud Wt. 9.3
Top Packer Depth 5466 Drill Collars Run 182 Vis 66
Bottom Packer Depth 5471 Wt. Pipe Run Q WL 8.6
Total Depth 5498 Chlorides 8000 ppm System LCM 6#

Blow Description IF: Weak surface blow. No more than 1/4"

ISI: No blow.

FF: No blow.

FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>drly mud</u>				

Rec Total 50 BHT 131 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic	(B) First Initial Flow	(C) First Final Flow	(D) Initial Shut-In	(E) Second Initial Flow	(F) Second Final Flow	(G) Final Shut-In	(H) Final Hydrostatic
<u>2876</u>	<u>56</u>	<u>58</u>	<u>335</u>	<u>59</u>	<u>59</u>	<u>137</u>	<u>2845</u>

☒ Test 1325 T-On Location 2200
☐ Jars T-Started ~~2200~~ 2213
☒ Safety Joint 75 T-Open 0414
☐ Circ Sub T-Pulled 0650
☐ Hourly Standby T-Out 0923
☒ Mileage 110 R.T. 137.50 Comments _____

Initial Open	Initial Shut-In	Final Flow	Final Shut-In
<u>30</u>	<u>45</u>	<u>30</u>	<u>45</u>

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total _____
Total _____
MP/DST Disc't _____

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☒ Accessibility 150
Sub Total 11687.50

Approved By Arden Ratzlaff Our Representative Eric H. Haddy

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