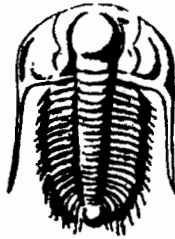


15-007-22727

34-32s-10w



**TRILOBITE**  
**TESTING, INC.**

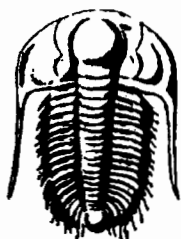
DRILL STEM TEST REPORT

Prepared for

Molz Oil Co  
19159 SW Clairmont  
Kiowa Kansas 67070

Mary #1  
34-32s-10w  
Barber co KS

Trilobite Testing, Inc  
PO Box 362 - Hays, Kansas - 67601  
ph: 785-625-4778 fax: 785-625-5620  
e-mail: [trilobite@eaglecom.net](mailto:trilobite@eaglecom.net)



# TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT  
 Molz Oil Co  
 19159 SW Clairmont  
 Kiowa Kansas 67070

Well name#:	Mary #1	Date:	1/12/2003
Location#:	34-32s-10w Barber co KS	Ticket #:	16543
		DST#	1

General Informaion:

Formation:	Pawnee	Test Type:	Conventional	BHT:	109
Interval:	4276-4300	Tester:	Gary Pevoteaux	OIL API:	
Total Depth:	4300	Elevation:	1420 ft(KB)	H2O Salinity:	8000
Hole Diameter:	7 7/8"		1409 ft(CF)		
Start Data:	1/12/2003	Tool Weight:	2100	Mud Type:	Chemical
Start Time:	11:30:00	Weight Set on Packers:	20000	Mud Weight:	9
Time tool opened:	13:57:00	Weight to Pull Loose:	51000	Viscosity:	47
Time Off Btm:	17:13:00	Initial String Weight:	46000	Water Loss:	8
End Date:	1/12/03	Final String Weight:	46000	Resistivity:	
End Time:	19:30:00	Drill Pipe Length:	4228	Salinity:	8000
		Drill Collar Length:	30		

Test Comment:

ISI: Strong blow - bottom of bucket in 50 seconds

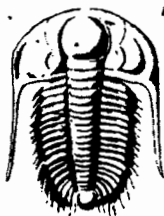
FSI: Strong blow - Bottom of bucket immediately  
 Gas to surface in 32 minutes TSTM

Recovery

Length(ft): 20 Slightly gas cut mud 8%gas 92%mud

Gas Volume Report

Recorder #:	13222	O Min:	Ins. Of water PSIG	Orifice size	MCF/D
Pressure Summary:	Time:(min)				
Initial Hydro-static:	2097				
Open to Flow (1):	63 30				
Shut-in (1):	53 45				
End Shut-in (1):	1360				
Open to Flow (2):	49 60				
Shut-in (2):	32 60				
End Shut-in (2):	1250				
Final Hydro-static:	2072				



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

# 5342

Cary [Signature]  
Home 620 622 9790  
No 16543

## Test Ticket

Well Name & No. Mary #1 Test No. 1 Date 1-12-2003  
 Company Moly Oil Co. Zone Tested Parsons  
 Address 19159 S.W. Clairmont, Kiowa Ks. 67070 Elevation 1420 KB 1409 GL  
 Co. Rep / Geo. Gordon Keen Cont. Duke Daly #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 34 Twp. 32S Rge. 10W Co. Barber State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 4276 - 4300' Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 46,000  
 Anchor Length 24' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 51,000  
 Top Packer Depth 4271' Tool Weight 2100 #  
 Bottom Packer Depth 4276' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 4300' Wt. Pipe Run None Drill Collar Run 30'  
 Mud Wt. 9.0 LCM 0 Vis. 47 WL 8.0cc Drill Pipe Size 4 1/2" X # Ft. Run 4228'  
 Blow Description IF: Strong blow. B.O.B. in 50 sec. ISI: No blow.

FF: Strong blow. B.O.B. immediately. GTS in 32 mins. TSTM  
FSI: No blow

Recovery — Total Feet 20 GIP yes Ft. in DC 20 Ft. in DP 2  
 Rec. 20 Feet Of SGCM %gas 8 %oil      %water 92 %mud       
 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       
 BHT 109 °F Gravity N/A °API @      °F Corrected Gravity N/A °API  
 RW N.C. @ °F Chlorides 8,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2058</u>		PSI Recorder No. <u>10290</u>	T-On Location <u>1020</u>
(B) First Initial Flow Pressure	<u>30</u>		PSI (depth) <u>4292'</u>	T-Started <u>1130</u>
(C) First Final Flow Pressure	<u>26</u>		PSI Recorder No. <u>13222</u>	T-Open <u>1357</u>
(D) Initial Shut-In Pressure	<u>1342</u>		PSI (depth) <u>4291'</u>	T-Pulled <u>1713</u>
(E) Second Initial Flow Pressure	<u>30</u>		PSI Recorder No. <u>    </u>	T-Out <u>1930</u>
(F) Second Final Flow Pressure	<u>22</u>		PSI (depth) <u>    </u>	T-Off Location <u>2010</u>
(G) Final Shut-in Pressure	<u>1228</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800<sup>00</sup></u>
(Q) Final Hydrostatic Mud	<u>2026</u>		PSI Initial Shut-in <u>45</u>	Jars <input checked="" type="checkbox"/> <u>200<sup>00</sup></u>
			Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>500<sup>00</sup></u>
			Final Shut-in <u>60</u>	Straddle <u>    </u>
				Circ. Sub <u>    </u>
				Sampler <u>    </u>
				Extra Packer <u>    </u>
				Elec. Rec. <u>    </u>
				Mileage <input checked="" type="checkbox"/> <u>50<sup>00</sup></u>
				Other <u>    </u>
				TOTAL PRICE <input checked="" type="checkbox"/> <u>1100<sup>00</sup></u>

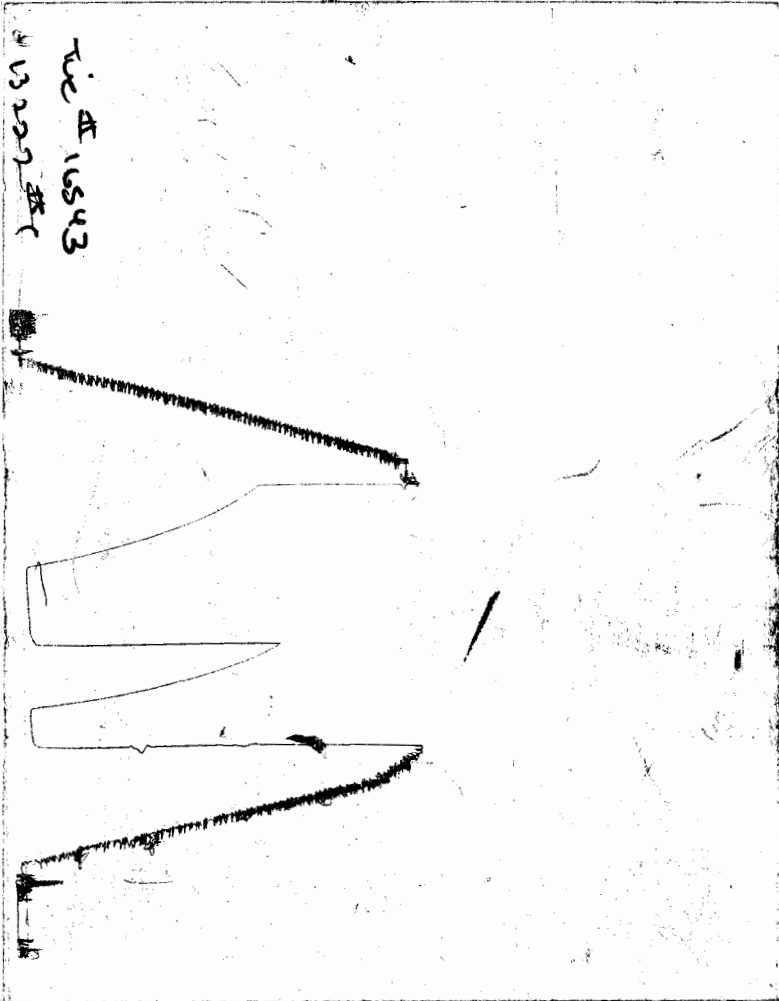
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Approved By Gordon W. Keen

Our Representative Cary [Signature]

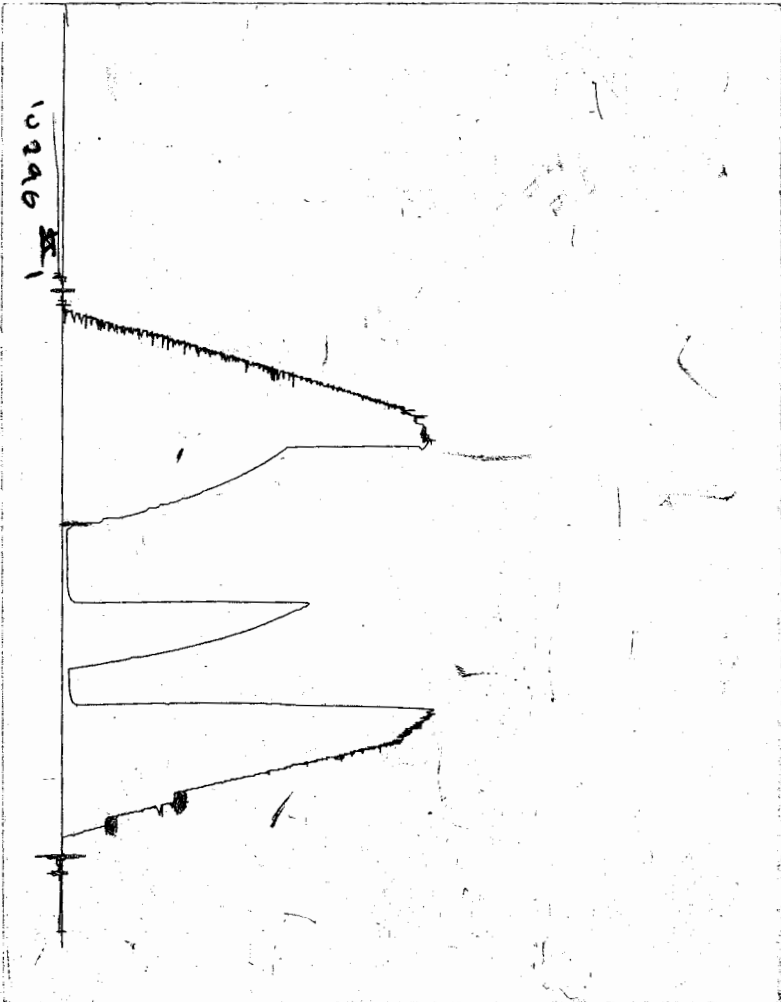
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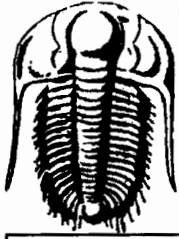
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# CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





# TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT  
 Molz Oil Co  
 19159 SW Clairmont  
 Kiowa Kansas 67070

Well name#:	Mary #1	Date:	1/13/2003
Location#:	34-32s-10w Barber co KS	Ticket #:	16544
		DST#	2

General Informaion:

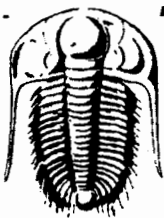
Formation:	Mississippi	Test Type:	Conventional	BHT:	111
Interval:	4386-4425	Tester:	Gary Pevoteaux	OIL API:	
Total Depth:	4425	Elevation:	1420 ft(KB)	H2O Salinity:	8000
Hole Diameter:	7 7/8"		1409 ft(CF)		
Start Date:	1/13/2003	Tool Weight:	2100	Mud Type:	Chemical
Start Time:	9:00:00	Weight Set on Packers:	20000	Mud Weight:	9.3
Time tool opened:	11:17:00	Weight to Pull Loose:	58000	Viscosity:	43
Time Off Btm:	13:51:00	Initial String Weight:	48000	Water Loss:	10
End Date:	1/13/03	Final String Weight:	49000	Resistivity:	
End Time:	16:40:00	Drill Pipe Length:	4354	Salinity:	8000
		Drill Collar Length:	30		

Test Comment:  
 ISI: Strong blow Gas to surface in 2 minutes  
 FSI: Strong blow

Recovery  
 Length(ft):  
 150 Gas cut watery mud w/a tract of oil 18%gas 15%water 67%mud

Gas Volume Report

Recorder #:	10290	Min:	Ins. Of water PSIG	Orifice size	MCF/D
Pressure Summary:	Time:(min)				
Initial Hydro-static:	2180	1	2	.75	GTS
Open to Flow (1):	290 30	1	10	40	794
Shut-in (1):	347 30	1	20	74	1285
End Shut-in (1):	<del>1946</del> 874	1	30	83	1415
Open to Flow (2):	337 30	2	10	80	1372
Shut-in (2):	371 60	2	20	95	1589
End Shut-in (2):	<del>1049</del> 874	2	30	98	1633
Final Hydro-static:	2172				



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

620  
296  
4558

No 16544

## Test Ticket

Well Name & No. Mary #1 Test No. 2 Date 1-13-2003  
 Company Maly Oil Co Zone Tested Miss.  
 Address 19159 Clairmont, Kiowa Co. 67070 Elevation 1420 KB 149 GL  
 Co. Rep / Geo. Corden Keen Cont. Duke Dalg. #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 34 Twp. 32<sup>s</sup> Rge. 10<sup>w</sup> Co. Barber State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 4386 - 4425' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 49,000  
 Anchor Length 39' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 58,000  
 Top Packer Depth 4381' Tool Weight 2100#  
 Bottom Packer Depth 4386' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 4425' Wt. Pipe Run None Drill Collar Run 30'  
 Mud Wt. 9.3 LCM 0 Vis. 43 WL 10.0cc Drill Pipe Size 4 1/2" x. H. Ft. Run 4354  
 Blow Description IF: Strong below. GTS in 2 mins. (see gas volume report)  
ISI: No below.  
FF: Strong below. (see gas volume report) FST: No below.

Recovery — Total Feet 150 GIP yes Ft. in DC 30 Ft. in DP 120  
 Rec. 150 Feet Of GCWM @ a 18 %gas %oil 15 %water 67 %mud  
 Rec.      Feet Of Trace of oil %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  
 BHT 111 °F Gravity N/A °API @      °F Corrected Gravity N/A °API  
 RW N.C. @      °F Chlorides 8,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2170</u>		<u>10290</u>	<u>0750</u>
(B) First Initial Flow Pressure	<u>222</u>		PSI (depth) <u>4437'</u>	T-Started <u>0900</u>
(C) First Final Flow Pressure	<u>339</u>		PSI Recorder No. <u>13222</u>	T-Open <u>1117</u>
(D) Initial Shut-In Pressure	<u>864</u>		PSI (depth) <u>4422'</u>	T-Pulled <u>1351</u>
(E) Second Initial Flow Pressure	<u>335</u>		PSI Recorder No. <u>    </u>	T-Out <u>1240</u>
(F) Second Final Flow Pressure	<u>361</u>		PSI (depth) <u>    </u>	T-Off Location <u>1730</u>
(G) Final Shut-in Pressure	<u>868</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800<sup>00</sup></u>
(Q) Final Hydrostatic Mud	<u>2110</u>		PSI Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/> <u>200<sup>00</sup></u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50<sup>00</sup></u>
			Final Shut-in <u>60</u>	Straddle <u>    </u>
				Circ. Sub <u>    </u>
				Sampler <u>    </u>
				Extra Packer <u>    </u>
				Elec. Rec. <u>    </u>
				Mileage <input checked="" type="checkbox"/> <u>50<sup>00</sup></u>
				Other <u>    </u>
				TOTAL PRICE <input checked="" type="checkbox"/> <u>1100<sup>00</sup></u>

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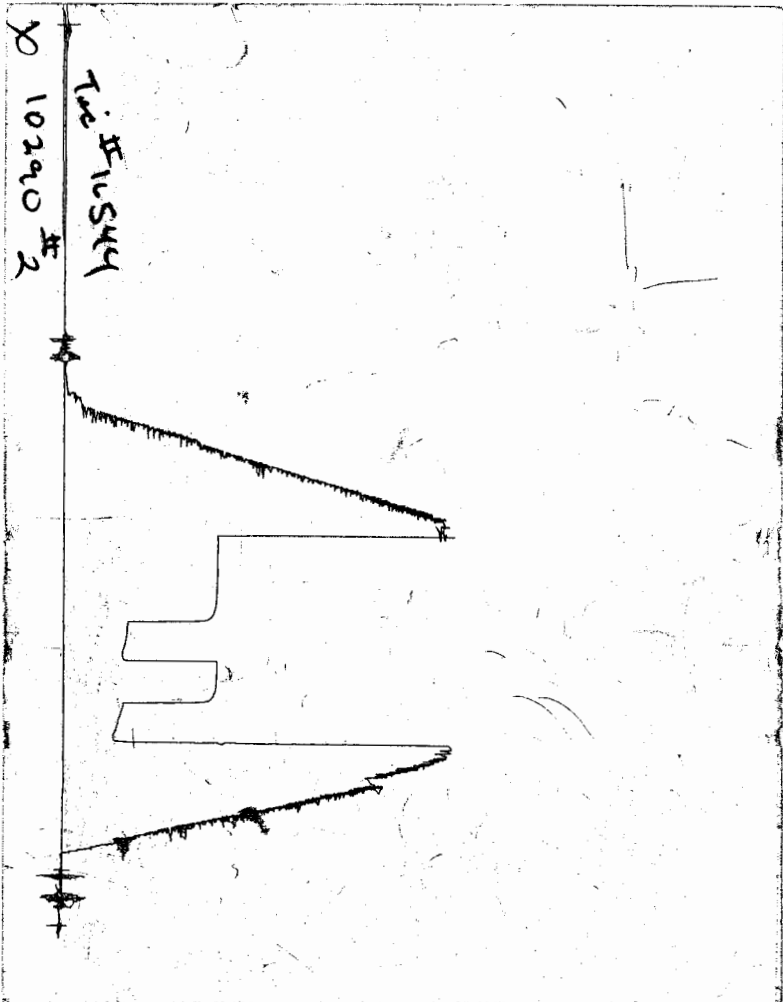
Approved By Corden W. Keen  
Our Representative Cory P. ...

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# CHART PAGE

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# CHART PAGE

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