



## DRILL STEM TEST REPORT

Prepared For: **Molz Oil Co.Inc.**

19159 Clairmont  
Kiowa Ks. 67070

ATTN: Doug McGinness II

**35- 32s-10w Barber K**

**Lawrence #4 OWWO**

Start Date: 2001.10.12 @ 09:37:55

End Date: 2001.10.12 @ 15:52:54

Job Ticket #: 15327                      DST #: 1

Trilobite Testing, Inc  
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**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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 19159 Clairmont  
 Kiowa Ks. 67070  
 ATTN: Doug McGinness II

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**35- 32s-10w Barber K**  
 Job Ticket: 15327      **DST#: 1**  
 Test Start: 2001.10.12 @ 09:37:55

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:42:54  
 Time Test Ended: 15:52:54  
 Test Type: Conventional Bottom Hole  
 Tester: Gary Pevoteaux  
 Unit No: 13  
 Interval: **4590.00 ft (KB) To 4697.00 ft (KB) (TVD)**  
 Total Depth: 4697.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Reference Elevations: 1411.00 ft (KB)  
 1403.00 ft (CF)  
 KB to GR/CF: 8.00 ft

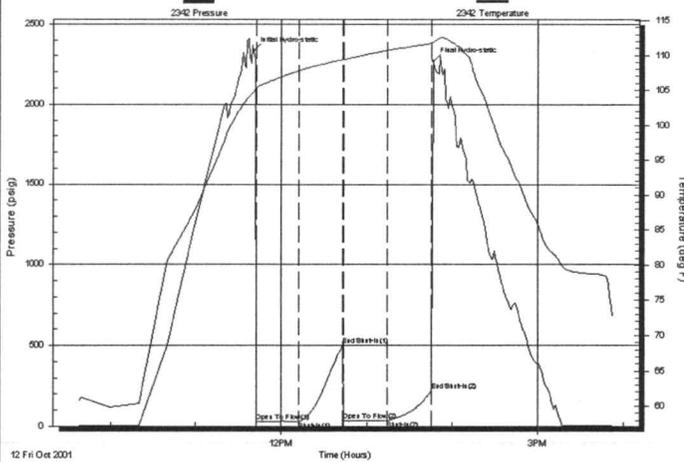
## Serial #: 2342

Inside

Press@RunDepth: 33.48 psig @ 4591.00 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2001.10.12 End Date: 2001.10.12 Last Calib.: 2001.09.17  
 Start Time: 09:37:55 End Time: 15:52:54 Time On Btm: 2001.10.12 @ 11:40:54  
 Time Off Btm: 2001.10.12 @ 13:46:24

TEST COMMENT: IF:Weak blow . 1/2"  
 IS:No blow .  
 FF:Very weak blow . (surface)  
 FS:No blow .

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2333.10	104.76	Initial Hydro-static
2	28.69	105.31	Open To Flow (1)
32	30.62	107.84	Shut-In(1)
62	497.85	109.37	End Shut-In(1)
63	32.47	109.39	Open To Flow (2)
94	33.48	110.70	Shut-In(2)
125	217.36	111.71	End Shut-In(2)
126	2269.15	111.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w with an oil trace.	0.14

## Gas Rates

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



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TOOL DIAGRAM

Molz Oil Co. Inc.

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Job Ticket: 15327

**DST#: 1**

ATTN: Doug McGinness II

Test Start: 2001.10.12 @ 09:37:55

### Tool Information

Drill Pipe:	Length: 4575.00 ft	Diameter: 3.80 inches	Volume: 64.18 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: 74000.00 lb
			<b>Total Volume: 64.18 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4590.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4564.00	
S.I. Tool	5.00			4569.00	
HMV	5.00			4574.00	
Jars	5.00			4579.00	
Safety Joint	2.00			4581.00	
Packer	4.00			4585.00	27.00 Bottom Of Top Packer
Packer	5.00			4590.00	
Stubb	1.00			4591.00	
Recorder	0.00	2342	Inside	4591.00	
Perforations	4.00			4595.00	
C.O. Sub	1.00			4596.00	
Blank Spacing	93.00			4689.00	
C.O. Sub	1.00			4690.00	
Perforations	2.00			4692.00	
Recorder	0.00	10248	Outside	4692.00	
Bullnose	5.00			4697.00	107.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>134.00</b>				



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**FLUID SUMMARY**

Molz Oil Co. Inc.

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Job Ticket: 15327

**DST#: 1**

ATTN: Doug McGinness II

Test Start: 2001.10.12 @ 09:37:55

### 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:

23000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 23000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with an oil trace.	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 2342

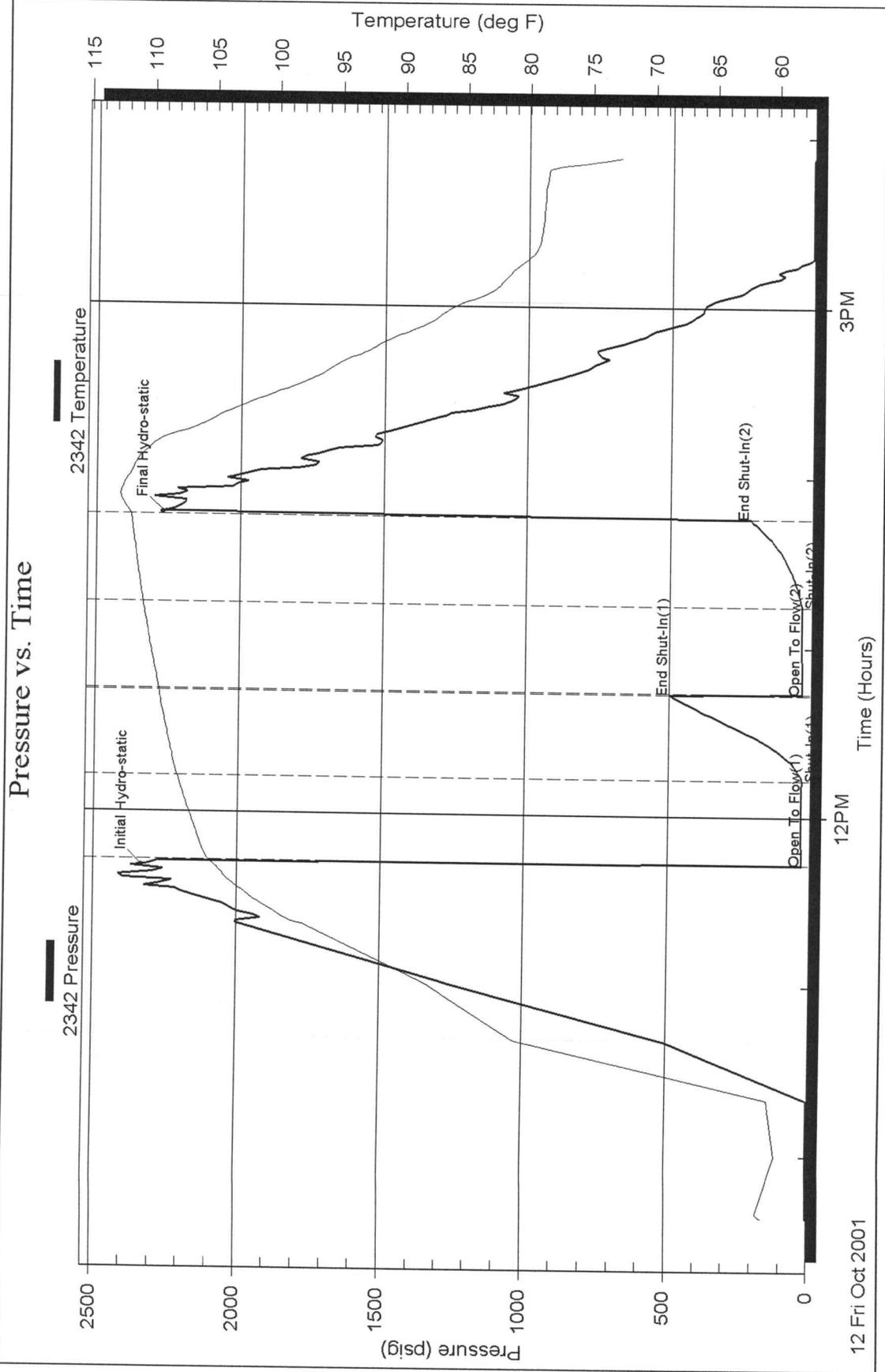
Inside

Molz Oil Co. Inc.

35- 32s-10w Barber K

DST Test Number: 1

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 15327