



## DRILL STEM TEST REPORT

Prepared For: **Mid Continent Energy Operating co.**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

ATTN: G.M.Canaday

**34-17s-21w Ness KS**

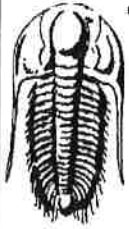
**Halgelgantz # 1**

Start Date: 2002.12.14 @ 12:07:16

End Date: 2002.12.14 @ 17:53:16

Job Ticket #: 16758                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16758

**DST#: 1**

ATTN: G.M.Canaday

Test Start: 2002.12.14 @ 12:07:16

## GENERAL INFORMATION:

Formation: **Cherokee**

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

Time Tool Opened: 14:14:16

Time Test Ended: 17:53:16

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **18**

Interval: **4118.00 ft (KB) To 4146.00 ft (KB) (TVD)**

Total Depth: **4146.00 ft (KB) (TVD)**

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

Reference Elevations: **2147.00 ft (KB)**

**2137.00 ft (CF)**

KB to GR/CF: **10.00 ft**

**Serial #: 3017**

**Inside**

Press@RunDepth: **30.98 psig @ 4123.01 ft (KB)**

Start Date: **2002.12.14**

End Date:

**2002.12.14**

Capacity: **7000.00 psig**

Last Calib.: **2002.12.14**

Start Time: **12:07:18**

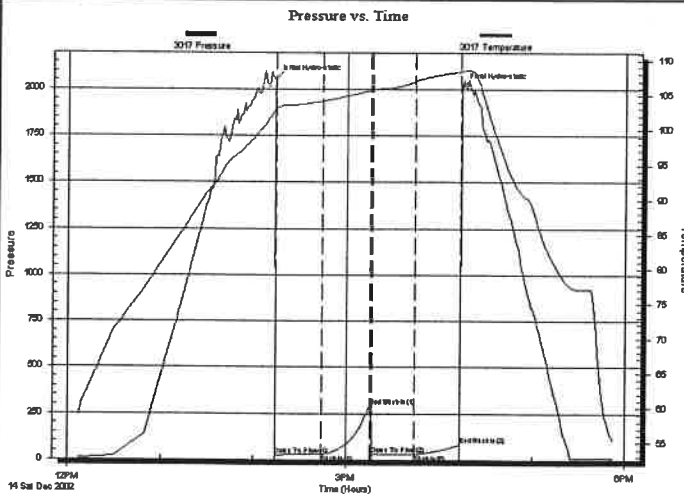
End Time:

**17:53:16**

Time On Btm: **2002.12.14 @ 14:13:46**

Time Off Btm: **2002.12.14 @ 16:13:46**

TEST COMMENT: IF-Weak Dead 20 min.  
FF-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.48	102.88	Initial Hydro-static
1	26.35	103.06	Open To Flow (1)
31	28.65	104.14	Shut-In(1)
62	291.19	105.69	End Shut-In(1)
63	28.81	105.77	Open To Flow (2)
90	30.98	106.95	Shut-In(2)
120	83.27	108.37	End Shut-In(2)
120	2008.21	108.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mid Continent Energy Operating co.

**Halgelgantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16758

**DST#: 1**

ATTN: G.M.Canaday

Test Start: 2002.12.14 @ 12:07:16

### Tool Information

Drill Pipe:	Length: 4104.00 ft	Diameter: 3.80 inches	Volume: 57.57 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 57.57 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	4118.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.02 ft				
Tool Length:	50.02 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			4097.00	
S.I. Tool	5.00			4102.00	
HMV	5.00			4107.00	
Safety Joint	2.00			4109.00	
Packer	4.00			4113.00	22.00 Bottom Of Top Packer
Packer	5.00			4118.00	
Stubb	1.00			4119.00	
Perforations	4.00			4123.00	
Recorder	0.01	3017	Inside	4123.01	
Perforations	20.00			4143.01	
Recorder	0.01	13308	Outside	4143.02	
Bullnose	3.00			4146.02	28.02 Bottom Packers & Anchor

**Total Tool Length: 50.02**



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mid Continent Energy Operating co.

**Halgelgantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16758

**DST#: 1**

ATTN: G.M.Canaday

Test Start: 2002.12.14 @ 12:07:16

## 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: 11.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

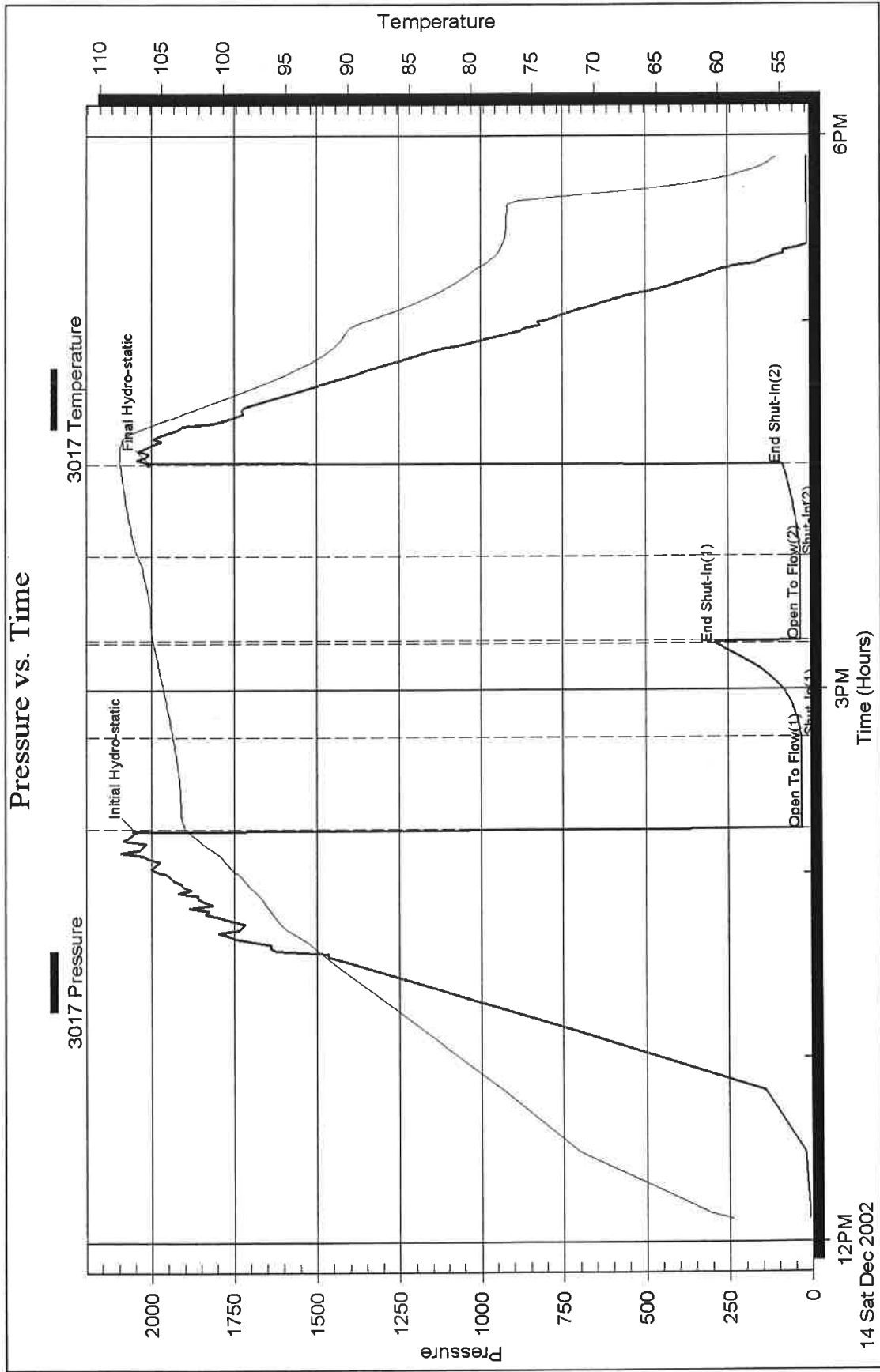
Serial #: 3017

Inside

Mid Continent Energy Operating co.

34-17s-21w Ness KS

DST Test Number: 1







## DRILL STEM TEST REPORT

Prepared For: **Mid Continent Energy Operating co.**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

ATTN: G.M.Canaday

**34-17s-21w Ness KS**

**Halgelgantz # 1**

Start Date: 2002.12.15 @ 02:03:45

End Date: 2002.12.15 @ 08:47:45

Job Ticket #: 16759                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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# DRILL STEM TEST REPORT

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16759

**DST#: 2**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 02:03:45

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:35:45

Time Test Ended: 08:47:45

Test Type: Conventional Bottom Hole

Tester: John Schridt

Unit No: 18

Interval: **4188.00 ft (KB) To 4195.00 ft (KB) (TVD)**

Total Depth: 4195.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2147.00 ft (KB)

2137.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 3017**

**Inside**

Press@RunDepth: 29.78 psig @ 4189.01 ft (KB)

Start Date: 2002.12.15

End Date:

2002.12.15

Start Time: 02:03:47

End Time:

08:47:45

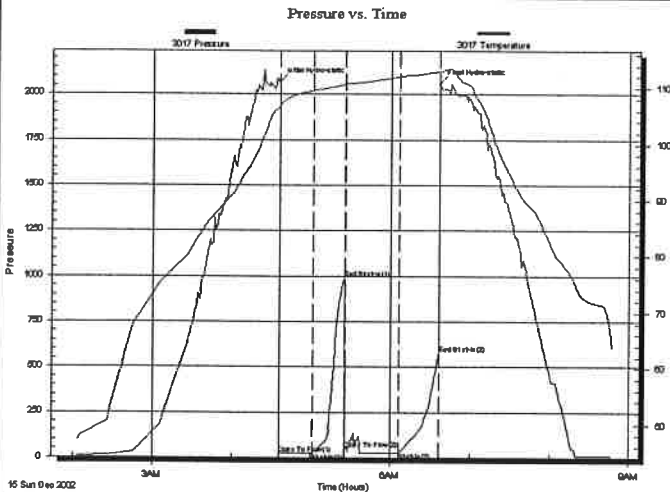
Capacity: 7000.00 psig

Last Calib.: 2002.12.15

Time On Btm: 2002.12.15 @ 04:35:15

Time Off Btm: 2002.12.15 @ 06:36:45

TEST COMMENT: IF-Weak Dead 20 min  
FF-Weak Dead 15 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.85	106.81	Initial Hydro-static
1	22.35	106.96	Open To Flow (1)
26	27.83	109.62	Shut-In(1)
50	985.50	110.72	End Shut-In(1)
51	47.84	110.75	Open To Flow (2)
92	29.78	112.03	Shut-In(2)
121	573.19	112.94	End Shut-In(2)
122	2058.57	112.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with oil skum	0.14

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mid Continent Energy Operating co.

**Halgelgantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16759

**DST#: 2**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 02:03:45

### Tool Information

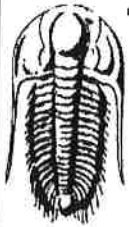
Drill Pipe:	Length: 4183.00 ft	Diameter: 3.80 inches	Volume: 58.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4188.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.01 ft			
Tool Length:	49.01 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4167.00	
S.I. Tool	5.00			4172.00	
HMV	5.00			4177.00	
Safety Joint	2.00			4179.00	
Packer	4.00			4183.00	22.00 Bottom Of Top Packer
Packer	5.00			4188.00	
Stubb	1.00			4189.00	
Recorder	0.01	3017	Inside	4189.01	
Perforations	3.00			4192.01	
Perforations	20.00			4212.01	
Bullnose	3.00			4215.01	27.01 Bottom Packers & Anchor

**Total Tool Length: 49.01**



**TRILOBITE**  
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## DRILL STEM TEST REPORT

FLUID SUMMARY

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16759

**DST#: 2**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 02:03:45

### 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:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	11.16 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	Mud with oil skum	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

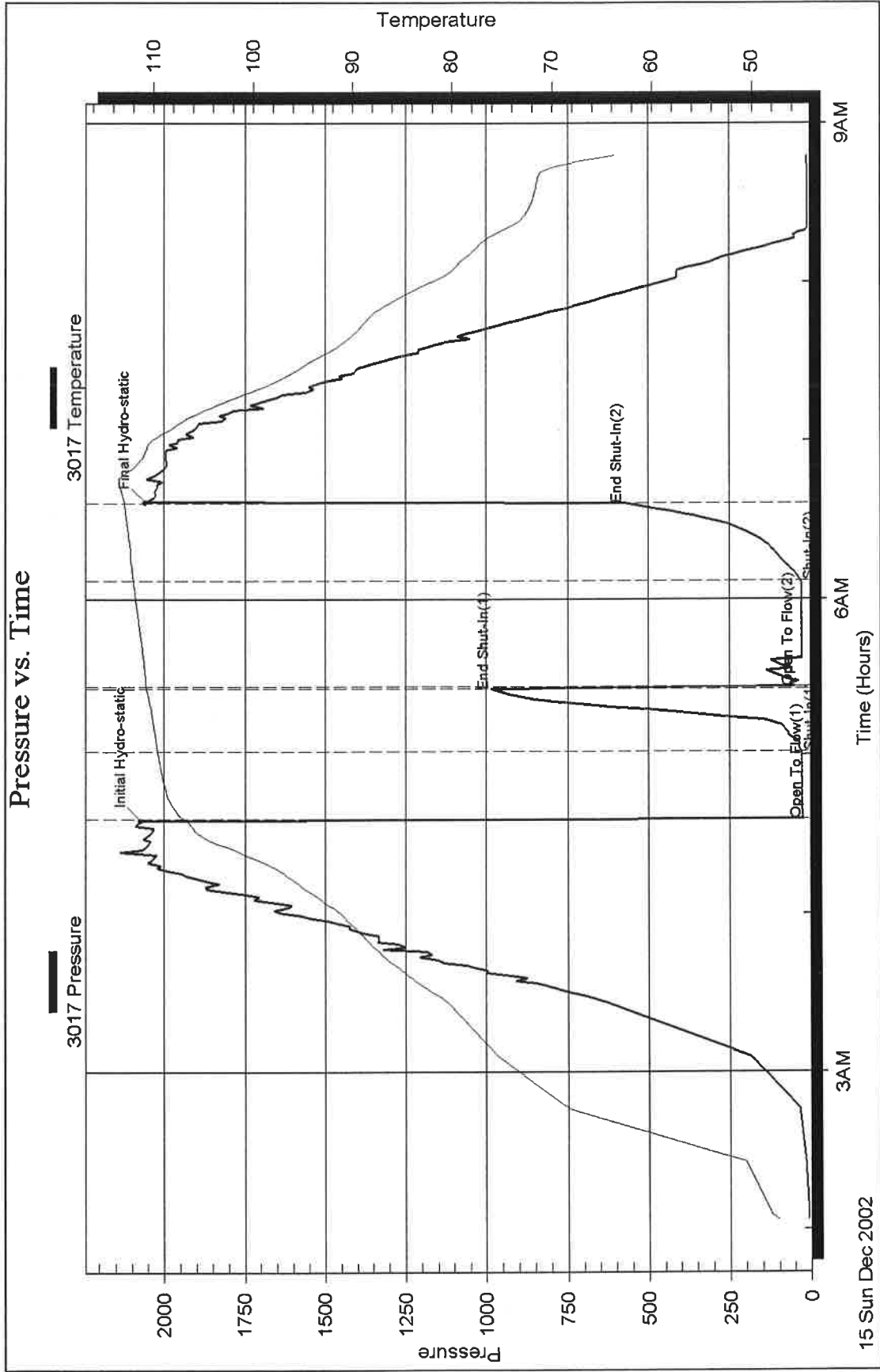
Serial #:

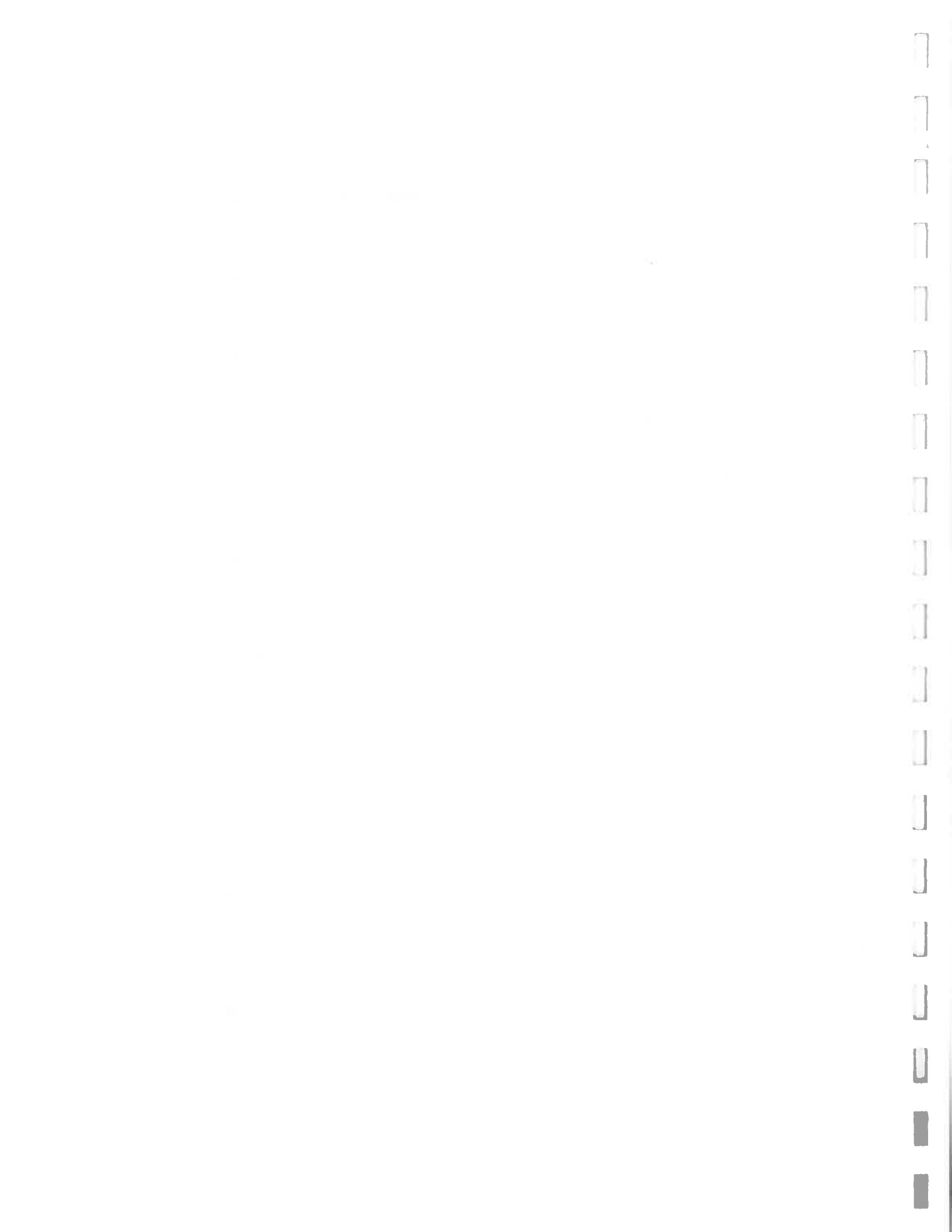
Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Mid Continent Energy Operating co.**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

ATTN: G.M.Canaday

### **34-17s-21w Ness KS**

#### **Halgelgantz # 1**

Start Date: 2002.12.15 @ 14:55:17

End Date: 2002.12.15 @ 22:04:17

Job Ticket #: 16760                      DST #: 3

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# DRILL STEM TEST REPORT

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16760

**DST#: 3**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 14:55:17

## GENERAL INFORMATION:

Formation: **Miss.**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: 16:50:17 Tester: **John Schridt**  
 Time Test Ended: 22:04:17 Unit No: **18**

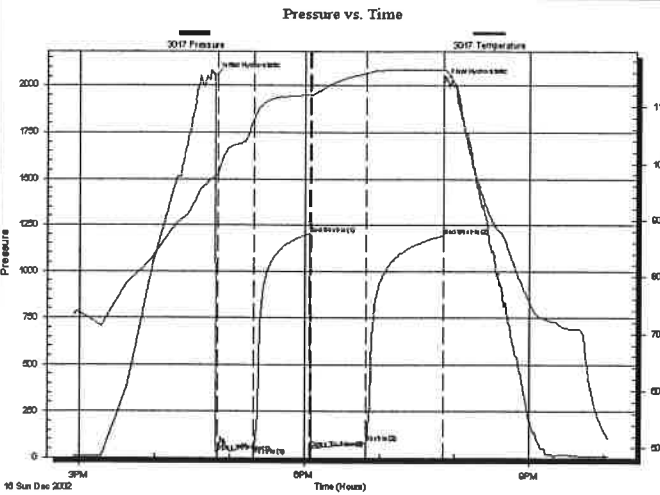
Interval: **4195.00 ft (KB) To 4207.00 ft (KB) (TVD)** Reference Elevations: **2147.00 ft (KB)**  
 Total Depth: **4207.00 ft (KB) (TVD)** **2137.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **10.00 ft**

## Serial #: 3017

**Inside**

Press@RunDepth: **79.70 psig @ 4196.01 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2002.12.15** End Date: **2002.12.15** Last Calib.: **2002.12.15**  
 Start Time: **14:55:19** End Time: **22:04:17** Time On Btm: **2002.12.15 @ 16:48:17**  
 Time Off Btm: **2002.12.15 @ 19:51:17**

TEST COMMENT: IF-Strong B.O.B. 25 min. IS-no blow  
 FF-Strong B.O.B. 20 min. FS-no blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2049.10	97.82	Initial Hydro-static
2	27.57	98.32	Open To Flow (1)
31	59.90	107.70	Shut-In(1)
76	1198.42	112.08	End Shut-In(1)
77	49.94	112.12	Open To Flow (2)
121	79.70	115.86	Shut-In(2)
183	1190.25	116.47	End Shut-In(2)
183	2019.02	116.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	G-M-W-C-oil--10%G--10%M--15%W--65	2.10
390.00	gas in pipe	5.47

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16760

**DST#: 3**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 14:55:17

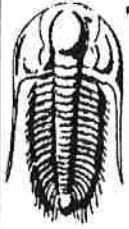
### Tool Information

Drill Pipe:	Length: 4197.00 ft	Diameter: 3.80 inches	Volume: 58.87 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4195.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.02 ft			
Tool Length:	34.02 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			4174.00	
S.I. Tool	5.00			4179.00	
HMV	5.00			4184.00	
Safety Joint	2.00			4186.00	
Packer	4.00			4190.00	22.00 Bottom Of Top Packer
Packer	5.00			4195.00	
Stubb	1.00			4196.00	
Recorder	0.01	3017	Inside	4196.01	
Perforations	8.00			4204.01	
Recorder	0.01	13308	Outside	4204.02	
Bullnose	3.00			4207.02	12.02 Bottom Packers & Anchor

**Total Tool Length: 34.02**



**TRILOBITE  
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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16760

**DST#: 3**

ATTN: G.M.Canaday

Test Start: 2002.12.15 @ 14:55:17

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 28000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.38 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: ppm		
Filter Cake: inches		

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	G-M-W-C-oil--10%G--10%M--15%W--65%oil	2.104
390.00	gas in pipe	5.471

Total Length: 540.00 ft      Total Volume: 7.575 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

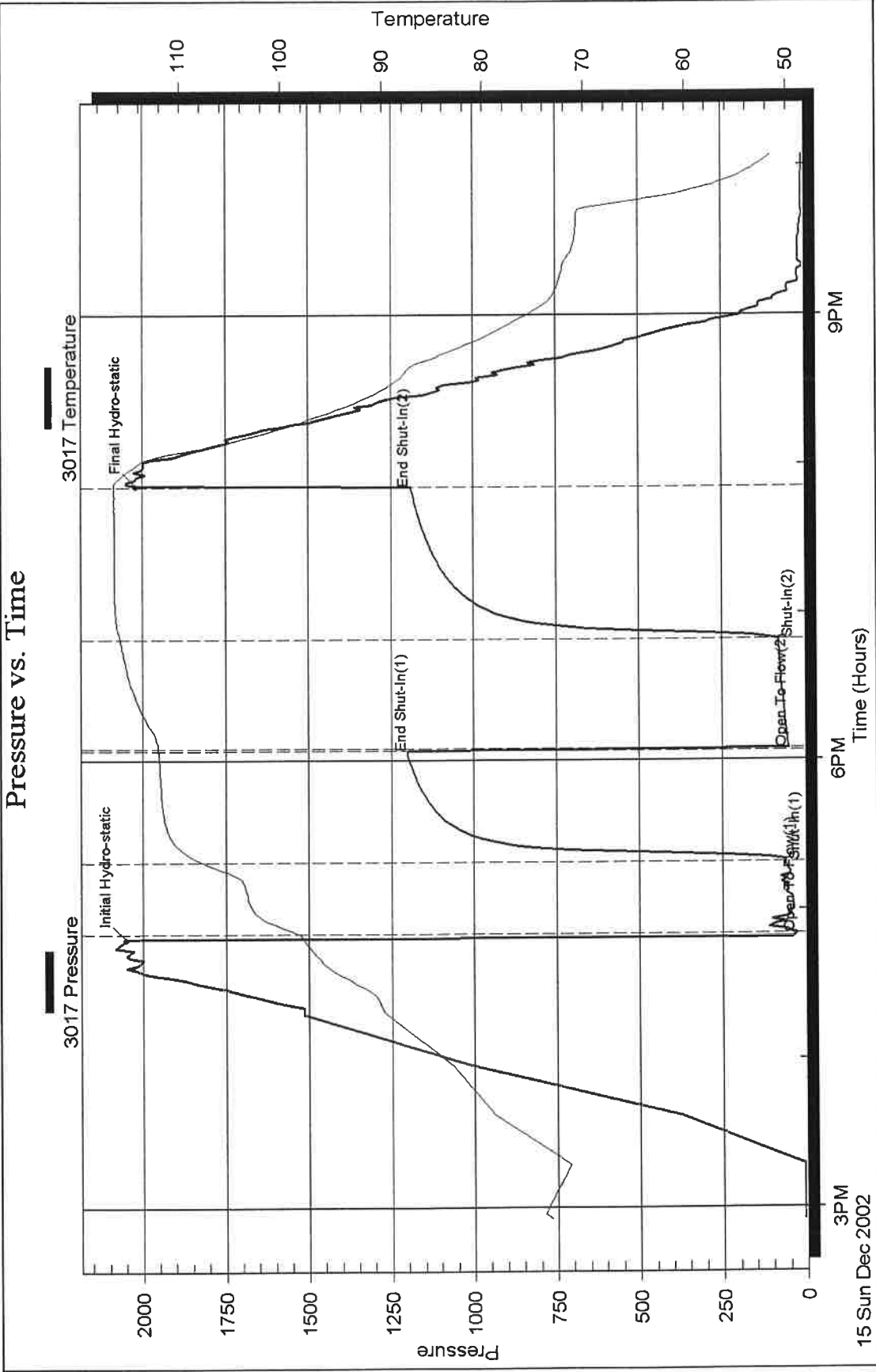
Laboratory Name:

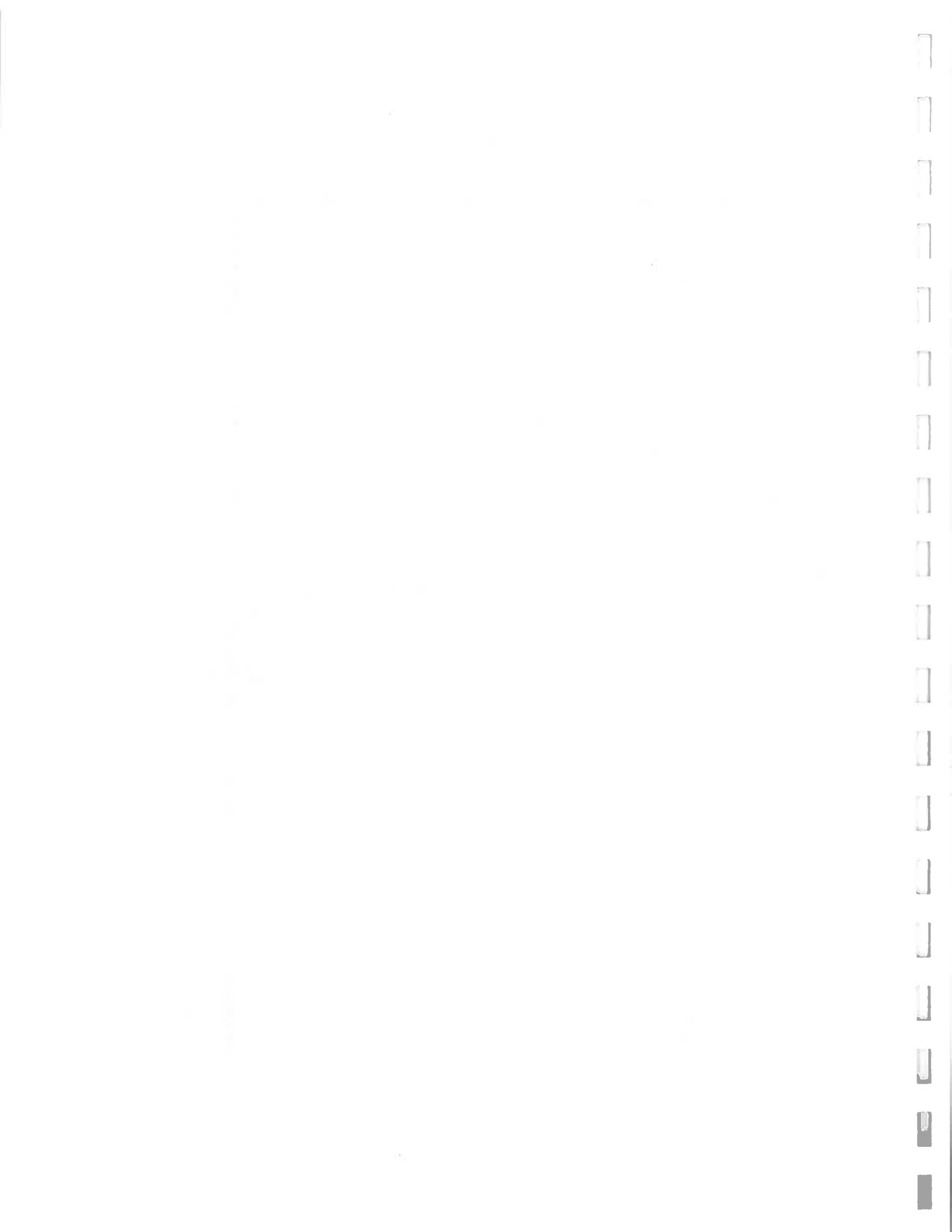
Laboratory Location:

Recovery Comments:



### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Mid Continent Energy Operating co.**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

ATTN: G.M.Canaday

**34-17s-21w Ness KS**

**Halgelgantz # 1**

Start Date: 2002.12.16 @ 05:36:31

End Date: 2002.12.16 @ 12:43:31

Job Ticket #: 16761                      DST #: 4

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

# DRILL STEM TEST REPORT

Mid Continent Energy Operating co.

**Halgelgantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16761

**DST#: 4**

ATTN: G.M.Canaday

Test Start: 2002.12.16 @ 05:36:31

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:44:31

Time Test Ended: 12:43:31

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: **4207.00 ft (KB) To 4217.00 ft (KB) (TVD)**

Reference Elevations: 2147.00 ft (KB)

Total Depth: 4217.00 ft (KB) (TVD)

2137.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 3017**

**Inside**

Press@RunDepth: 219.47 psig @ 4209.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2002.12.16

End Date: 2002.12.16

Last Calib.: 2002.12.16

Start Time: 05:36:33

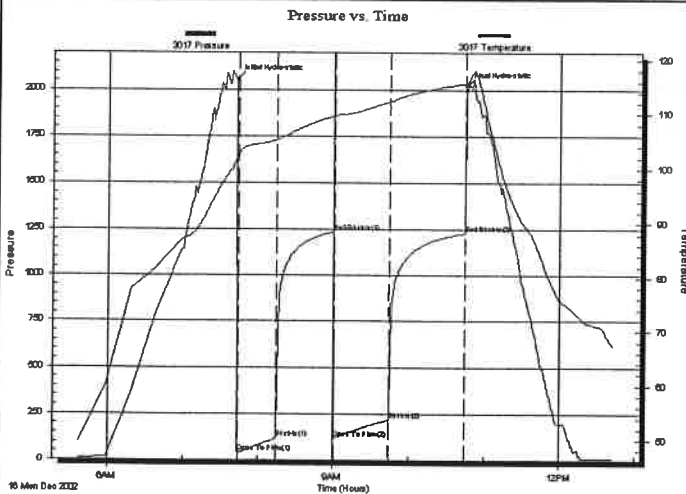
End Time: 12:43:31

Time On Btm: 2002.12.16 @ 07:43:01

Time Off Btm: 2002.12.16 @ 10:45:01

TEST COMMENT: IF-Strong B.O.B.20 min.  
FF-Strong B.O.B.25 min.

ISI-Very weak blow back  
FSI-no blow back



## PRESSURE SUMMARY

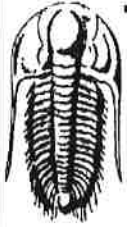
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2056.59	102.17	Initial Hydro-static
2	38.91	102.83	Open To Flow (1)
32	116.15	105.35	Shut-In(1)
77	1235.80	109.73	End Shut-In(1)
78	119.16	109.78	Open To Flow (2)
122	219.47	112.32	Shut-In(2)
182	1230.09	115.67	End Shut-In(2)
182	2018.14	115.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
430.00	Salt Water	6.03
1.00	free oil	0.01
60.00	gas in pipe	0.84

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mid Continent Energy Operating co.

**Halgelantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16761

**DST#: 4**

ATTN: G.M.Canaday

Test Start: 2002.12.16 @ 05:36:31

### Tool Information

Drill Pipe:	Length: 4195.00 ft	Diameter: 3.80 inches	Volume: 58.84 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
		<u>Total Volume:</u>	<u>58.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4207.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.01 ft			
Tool Length:	32.01 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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C.O. Sub	1.00			4186.00	
S.I. Tool	5.00			4191.00	
HMV	5.00			4196.00	
Safety Joint	2.00			4198.00	
Packer	4.00			4202.00	22.00 Bottom Of Top Packer
Packer	5.00			4207.00	
Stubb	1.00			4208.00	
Perforations	1.00			4209.00	
Recorder	0.01	3017	Inside	4209.01	
Perforations	5.00			4214.01	
Bullnose	3.00			4217.01	10.01 Bottom Packers & Anchor

**Total Tool Length: 32.01**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mid Continent Energy Operating co.

**Halgelgantz # 1**

100 W.5 St, Ste. 450  
Tulsa, OK 74103

**34-17s-21w Ness KS**

Job Ticket: 16761

**DST#: 4**

ATTN: G.M.Canaday

Test Start: 2002.12.16 @ 05:36:31

### 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:

50000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	Salt Water	6.032
1.00	free oil	0.014
60.00	gas in pipe	0.842

Total Length: 491.00 ft      Total Volume: 6.888 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3017

Inside

Md Continent Energy Operating co.

34-17s-21w Ness KS

DST Test Number: 4

### Pressure vs. Time

