



## DRILL STEM TEST REPORT

Prepared For: **Alton Oil LLC**

PO Box 117  
Winfield KS 67156

ATTN: Steve Davis

**Donald #1**

**29-30s-5e Cowley,KS**

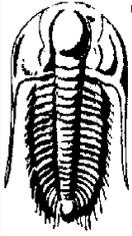
Start Date: 2012.12.03 @ 04:40:31

End Date: 2012.12.03 @ 09:59:46

Job Ticket #: 49741                      DST #: 1

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

Printed: 2012.12.10 @ 09:35:02



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Alton Oil LLC  
 PO Box 117  
 Winfield KS 67156  
 ATTN: Steve Davis

**29-30s-5e Cowley,KS**  
**Donald #1**  
 Job Ticket: 49741      **DST#: 1**  
 Test Start: 2012.12.03 @ 04:40:31

## GENERAL INFORMATION:

Formation: **KC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:15:31  
 Time Test Ended: 09:59:46  
**Interval: 2250.00 ft (KB) To 2280.00 ft (KB) (TVD)**  
 Total Depth: 2280.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 1310.00 ft (KB)  
 1302.00 ft (CF)  
 KB to GR/CF: 8.00 ft

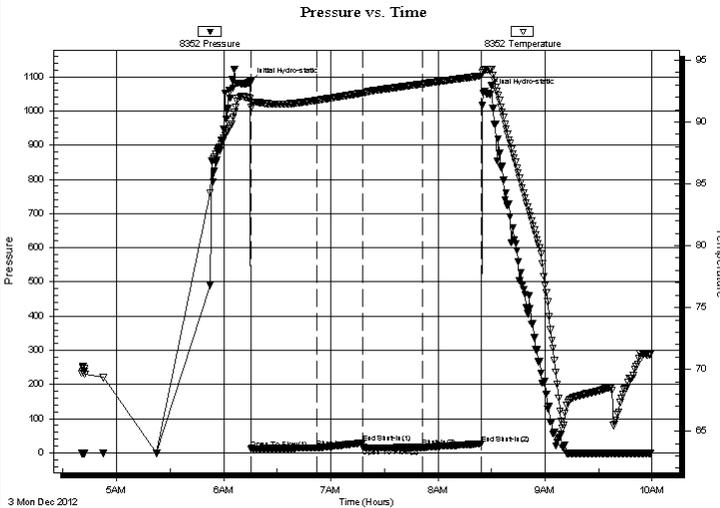
## Serial #: 8352

**Outside**

Press @ RunDepth: 16.03 psig @ 2251.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.12.03      End Date: 2012.12.03      Last Calib.: 2012.12.03  
 Start Time: 04:40:36      End Time: 09:59:45      Time On Btm: 2012.12.03 @ 06:14:46  
 Time Off Btm: 2012.12.03 @ 08:27:31

**TEST COMMENT:** IF:Weak blow . 1/4" decreasing.  
 IS:No blow .  
 FF:No blow .  
 FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1083.70	91.90	Initial Hydro-static
1	11.63	91.17	Open To Flow (1)
38	14.10	91.75	Shut-In(1)
63	29.56	92.34	End Shut-In(1)
64	15.62	92.34	Open To Flow (2)
97	16.03	93.08	Shut-In(2)
130	26.78	93.73	End Shut-In(2)
133	1052.59	94.24	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drig.mud (good odor)	0.01

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49741

**DST#: 1**

ATTN: Steve Davis

Test Start: 2012.12.03 @ 04:40:31

## Tool Information

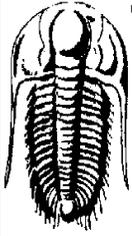
Drill Pipe:	Length: 1866.00 ft	Diameter: 3.80 inches	Volume: 26.18 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 61000.00 lb
			<u>Total Volume: 27.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	2250.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			2223.00	
Shut in tool	5.00			2228.00	
HMV	5.00			2233.00	
Jars	5.00			2238.00	
Safety Joint	3.00			2241.00	
Packer	4.00			2245.00	28.00 Bottom Of Top Packer
Packer	5.00			2250.00	
Stubb	1.00			2251.00	
Recorder	0.00	8370	Inside	2251.00	
Recorder	0.00	8352	Outside	2251.00	
Perforations	24.00			2275.00	
Bullnose	5.00			2280.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 58.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49741

**DST#: 1**

ATTN: Steve Davis

Test Start: 2012.12.03 @ 04:40:31

## 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:

1200 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Drig.mud (good odor)	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

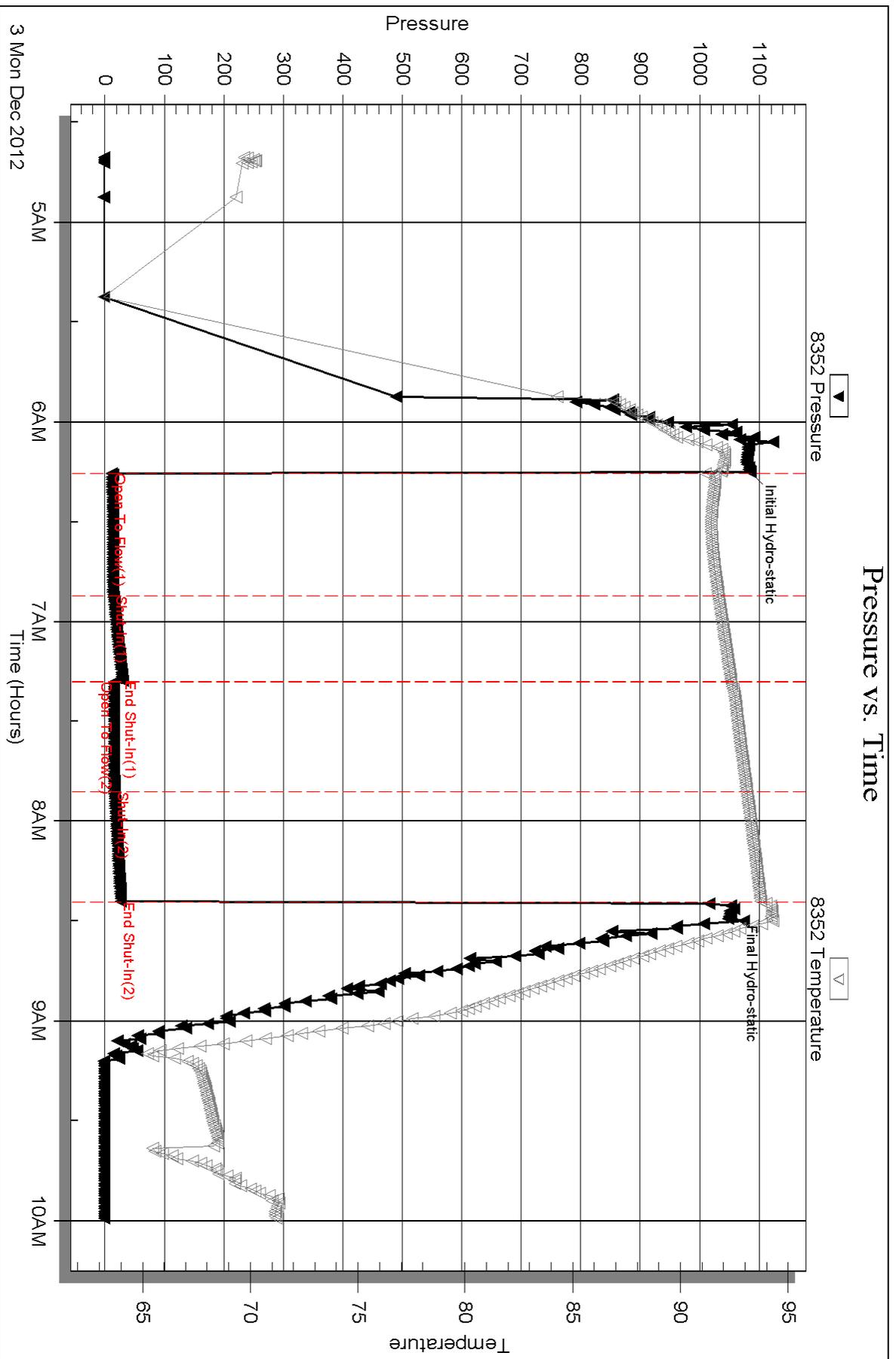
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



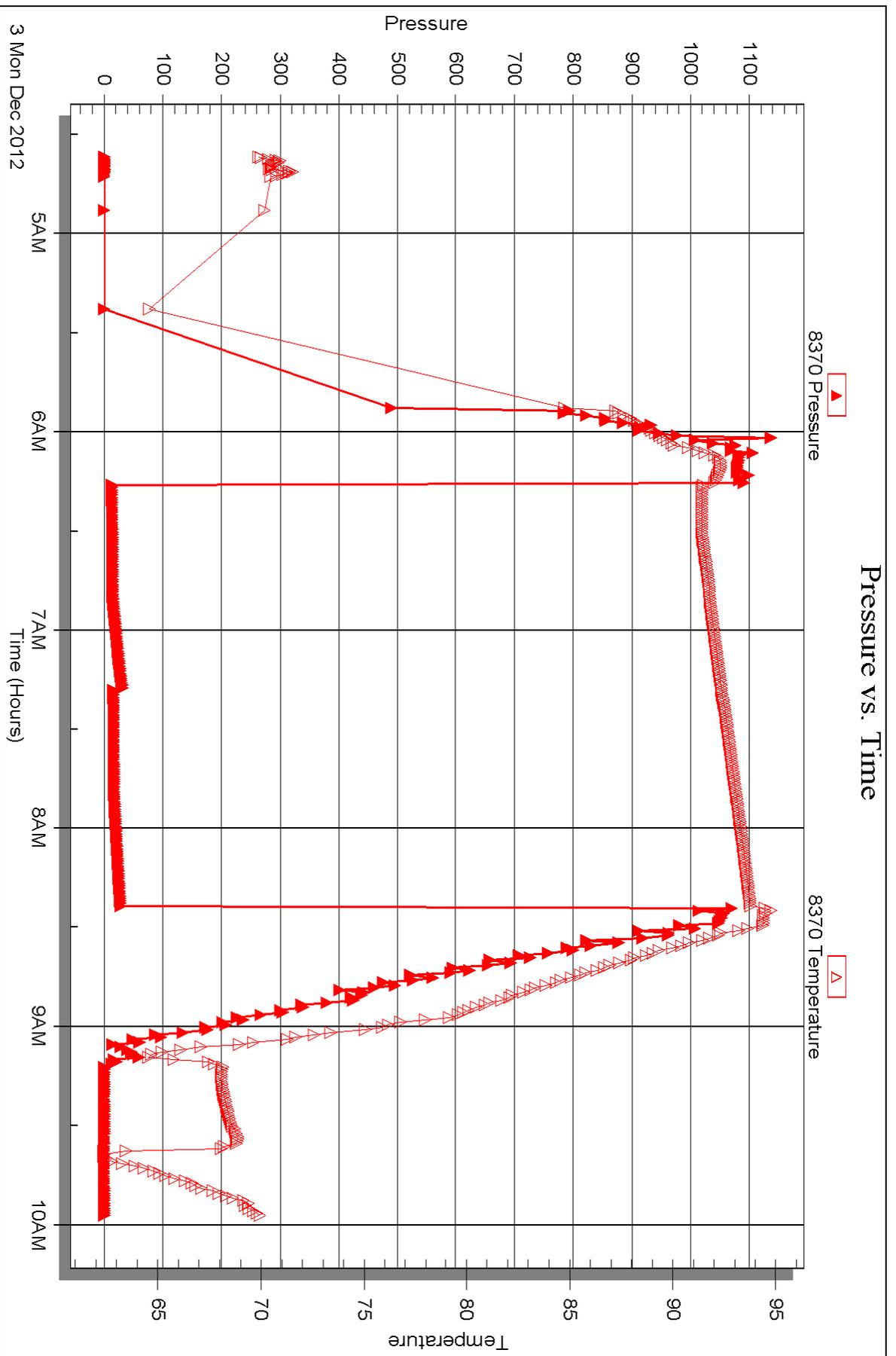
Serial #: 8370

Inside

Alkon Oil LLC

Donald #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Alton Oil LLC**

PO Box 117  
Winfield KS 67156

ATTN: Steve Davis

### **Donald #1**

### **29-30s-5e Cowley,KS**

Start Date: 2012.12.03 @ 18:25:16

End Date: 2012.12.03 @ 23:11:16

Job Ticket #: 49742                      DST #: 2

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

Printed: 2012.12.10 @ 09:34:22



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Alton Oil LLC  
 PO Box 117  
 Winfield KS 67156  
 ATTN: Steve Davis

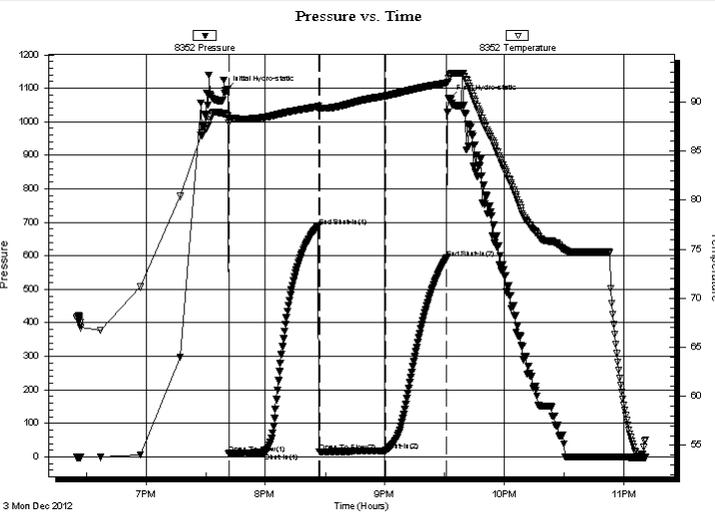
**29-30s-5e Cowley,KS**  
**Donald #1**  
 Job Ticket: 49742      **DST#: 2**  
 Test Start: 2012.12.03 @ 18:25:16

## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 19:41:31      Tester: Gary Pevoteaux  
 Time Test Ended: 23:11:16      Unit No: 56  
 Interval: **2300.00 ft (KB) To 2325.00 ft (KB) (TVD)**      Reference Elevations: 1310.00 ft (KB)  
 Total Depth: 2325.00 ft (KB) (TVD)      1302.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 8.00 ft

**Serial #: 8352      Outside**  
 Press @ Run Depth: 19.35 psig @ 2301.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.12.03      End Date: 2012.12.03      Last Calib.: 2012.12.03  
 Start Time: 18:25:21      End Time: 23:11:15      Time On Btm: 2012.12.03 @ 19:40:01  
 Time Off Btm: 2012.12.03 @ 21:32:16

**TEST COMMENT:** IF: Weak blow . 1/4" - 1/2" decreasing.  
 IS: No blow .  
 FF: No blow .  
 FS: No blow .



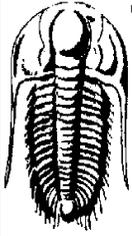
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1094.01	88.66	Initial Hydro-static
2	9.46	87.84	Open To Flow (1)
20	13.30	88.42	Shut-In(1)
47	688.62	89.53	End Shut-In(1)
47	14.22	89.23	Open To Flow (2)
81	19.35	90.61	Shut-In(2)
111	593.01	91.94	End Shut-In(2)
113	1068.25	92.60	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Drig.mud	0.02

\* Recovery from multiple tests

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49742

**DST#: 2**

ATTN: Steve Davis

Test Start: 2012.12.03 @ 18:25:16

## Tool Information

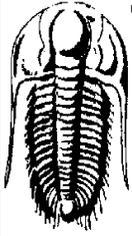
Drill Pipe:	Length: 1932.00 ft	Diameter: 3.80 inches	Volume: 27.10 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 28.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	2300.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			2273.00	
Shut in tool	5.00			2278.00	
HMV	5.00			2283.00	
Jars	5.00			2288.00	
Safety Joint	3.00			2291.00	
Packer	4.00			2295.00	28.00 Bottom Of Top Packer
Packer	5.00			2300.00	
Stubb	1.00			2301.00	
Recorder	0.00	8370	Inside	2301.00	
Recorder	0.00	8352	Outside	2301.00	
Perforations	19.00			2320.00	
Bullnose	5.00			2325.00	25.00 Bottom Packers & Anchor

**Total Tool Length: 53.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49742

**DST#: 2**

ATTN: Steve Davis

Test Start: 2012.12.03 @ 18:25:16

## 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:

1300 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig.mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

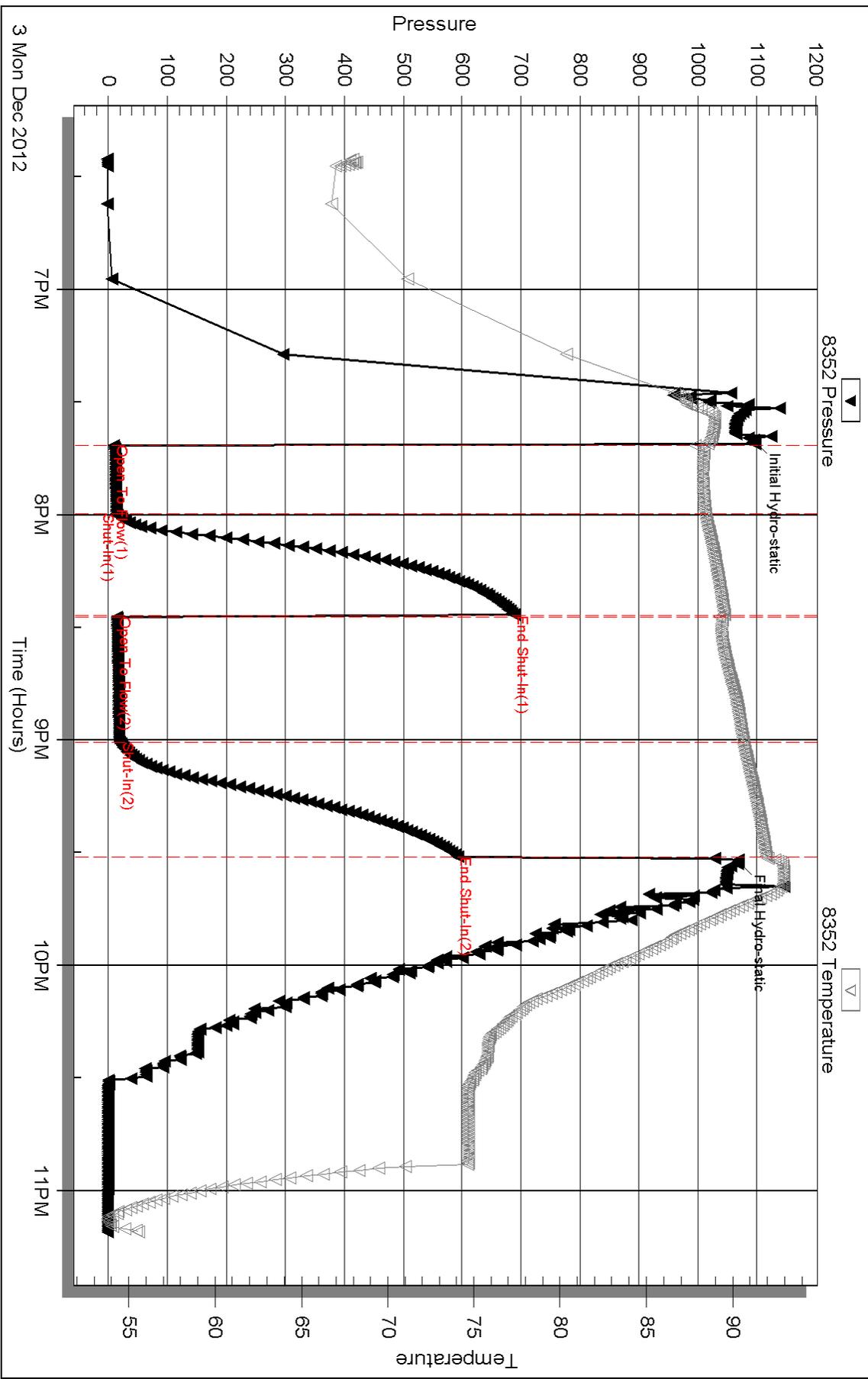
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



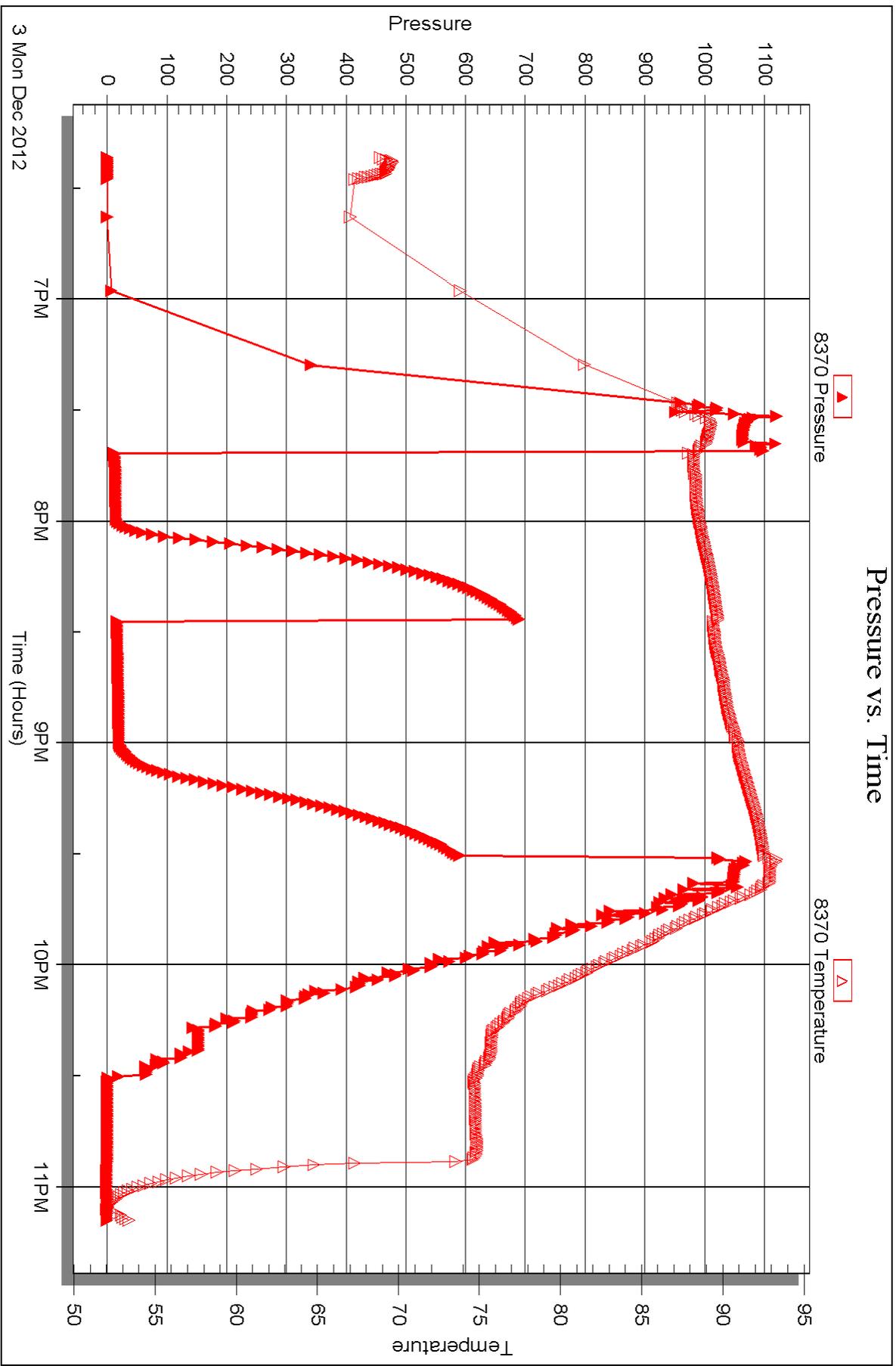
Serial #: 8370

Inside

Alkon Oil LLC

Donald #1

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Alton Oil LLC**

PO Box 117  
Winfield KS 67156

ATTN: Steve Davis

### **Donald #1**

### **29-30s-5e Cowley,KS**

Start Date: 2012.12.05 @ 16:00:37

End Date: 2012.12.05 @ 22:47:22

Job Ticket #: 49743                      DST #: 3

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

Printed: 2012.12.10 @ 09:33:41







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49743

**DST#: 3**

ATTN: Steve Davis

Test Start: 2012.12.05 @ 16:00:37

## Tool Information

Drill Pipe:	Length: 2530.00 ft	Diameter: 3.80 inches	Volume: 35.49 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 37.26 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	2914.00 ft			Final 55500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			2887.00	
Shut in tool	5.00			2892.00	
HMV	5.00			2897.00	
Jars	5.00			2902.00	
Safety Joint	3.00			2905.00	
Packer	4.00			2909.00	28.00 Bottom Of Top Packer
Packer	5.00			2914.00	
Stubb	1.00			2915.00	
Recorder	0.00	8370	Inside	2915.00	
Recorder	0.00	8352	Outside	2915.00	
Perforations	18.00			2933.00	
Bullnose	5.00			2938.00	24.00 Bottom Packers & Anchor

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49743

**DST#: 3**

ATTN: Steve Davis

Test Start: 2012.12.05 @ 16:00:37

## 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:

1600 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GOCM 9%g 6%o 85%m	0.295
25.00	SOCM 1%o 99%m	0.123

Total Length: 85.00 ft

Total Volume: 0.418 bbl

Num Fluid Samples: 0

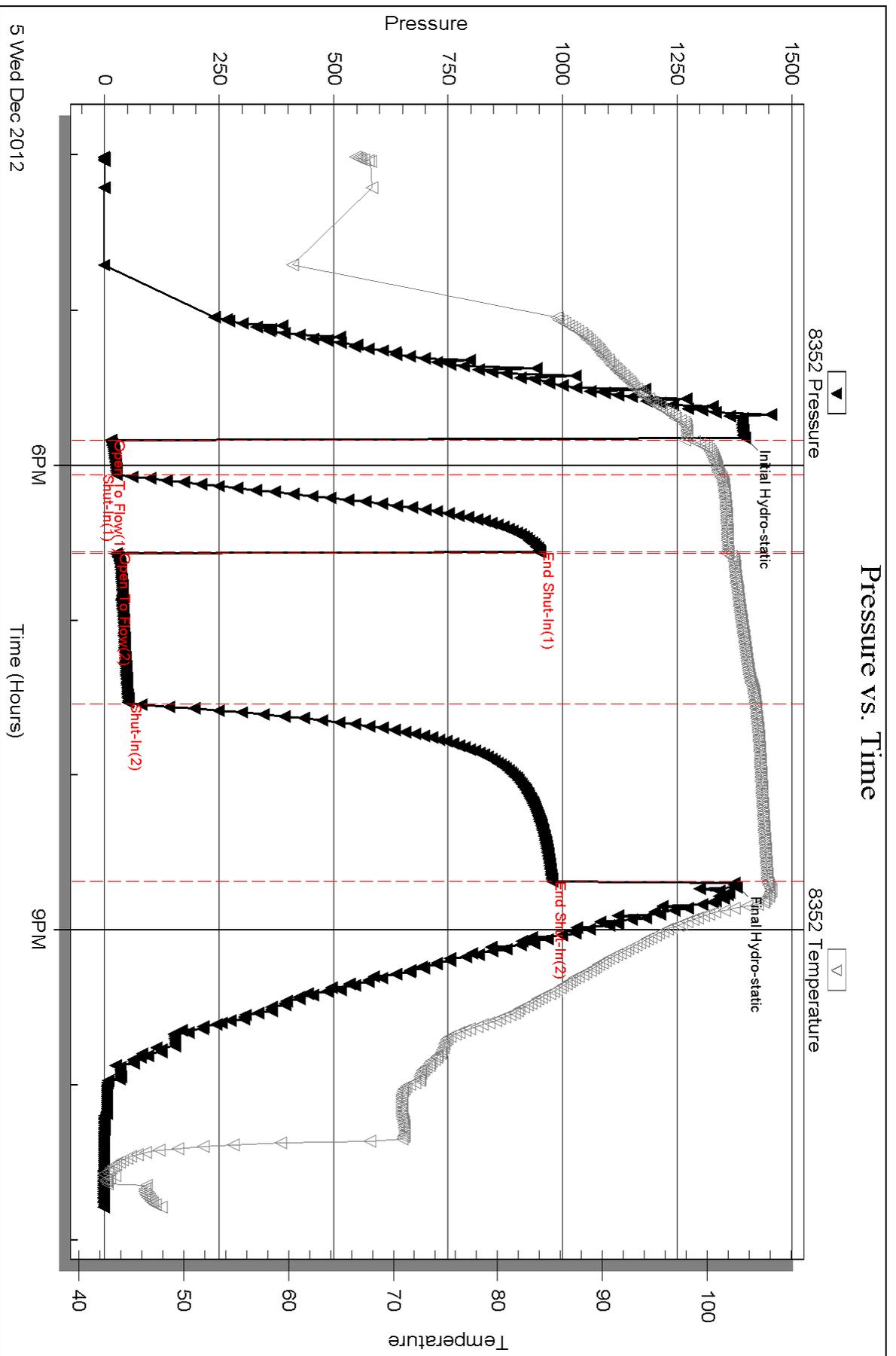
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



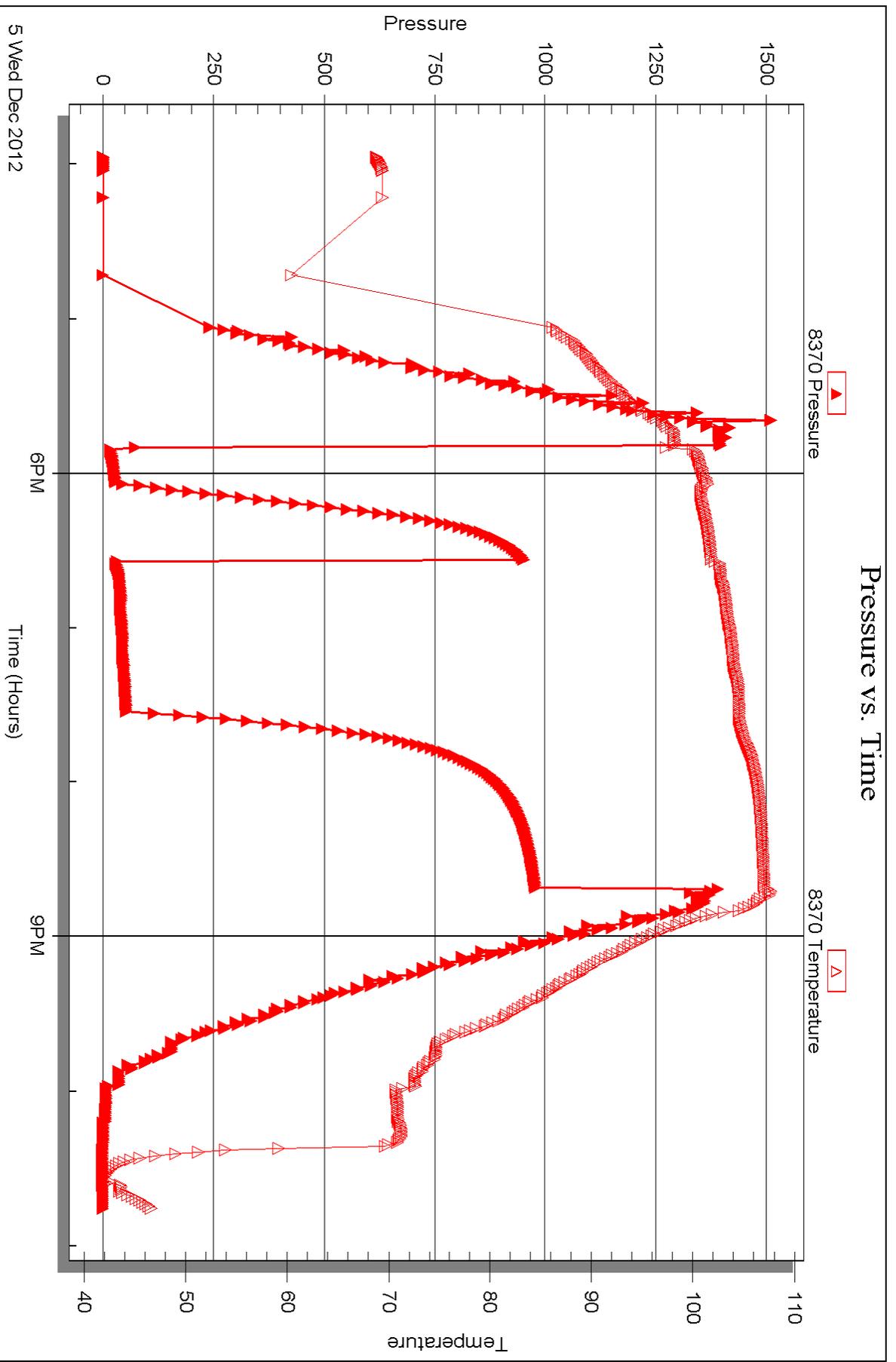
Serial #: 8370

Inside

Alkon Oil LLC

Donald #1

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Alton Oil LLC**

PO Box 117  
Winfield KS 67156

ATTN: Steve Davis

**Donald #1**

**29-30s-5e Cowley,KS**

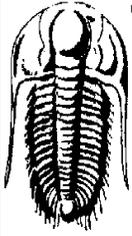
Start Date: 2012.12.07 @ 07:33:14

End Date: 2012.12.07 @ 14:27:59

Job Ticket #: 49744                      DST #: 4

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

Printed: 2012.12.10 @ 09:32:50



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Alton Oil LLC  
PO Box 117  
Winfield KS 67156  
ATTN: Steve Davis

**29-30s-5e Cowley,KS**  
**Donald #1**  
Job Ticket: 49744      **DST#: 4**  
Test Start: 2012.12.07 @ 07:33:14

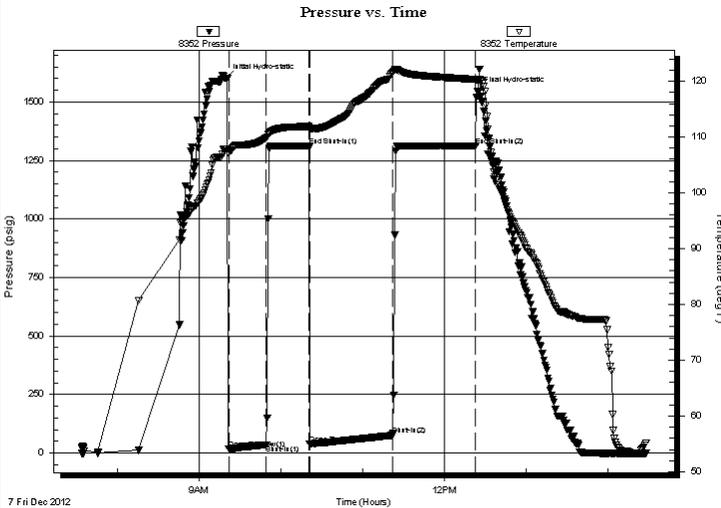
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:21:14  
Time Test Ended: 14:27:59  
Interval: **3354.00 ft (KB) To 3372.00 ft (KB) (TVD)**  
Total Depth: 3372.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Gary Pevoteaux  
Unit No: 56  
Reference Elevations: 1310.00 ft (KB)  
1302.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8352      Outside**  
Press @ Run Depth: 75.39 psig @ 3355.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.12.07      End Date: 2012.12.07      Last Calib.: 2012.12.07  
Start Time: 07:33:19      End Time: 14:27:58      Time On Btm: 2012.12.07 @ 09:19:44  
Time Off Btm: 2012.12.07 @ 12:24:14

TEST COMMENT: IF:Weak blow . 1/4" - 1 1/2".  
IS:No blow .  
FF:Weak blow . 1/4" - 2 1/2".  
FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1601.53	107.85	Initial Hydro-static
2	17.23	107.26	Open To Flow (1)
30	36.17	109.84	Shut-In(1)
61	1313.57	111.91	End Shut-In(1)
61	38.47	111.32	Open To Flow (2)
122	75.39	121.51	Shut-In(2)
183	1313.51	120.36	End Shut-In(2)
185	1547.44	120.26	Final Hydro-static

## Recovery

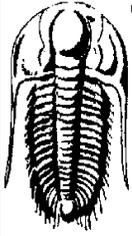
Length (ft)	Description	Volume (bbl)
122.00	MW /w few o specs.46%m 54%w	0.60

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49744

**DST#: 4**

ATTN: Steve Davis

Test Start: 2012.12.07 @ 07:33:14

## Tool Information

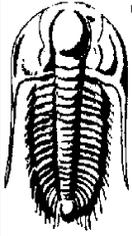
Drill Pipe:	Length: 2973.00 ft	Diameter: 3.80 inches	Volume: 41.70 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 43.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3354.00 ft			Final 60500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 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			3327.00	
Shut in tool	5.00			3332.00	
HMV	5.00			3337.00	
Jars	5.00			3342.00	
Safety Joint	3.00			3345.00	
Packer	4.00			3349.00	28.00 Bottom Of Top Packer
Packer	5.00			3354.00	
Stubb	1.00			3355.00	
Recorder	0.00	8370	Inside	3355.00	
Recorder	0.00	8352	Outside	3355.00	
Perforations	12.00			3367.00	
Bullnose	5.00			3372.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 46.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Alton Oil LLC

**29-30s-5e Cowley,KS**

PO Box 117  
Winfield KS 67156

**Donald #1**

Job Ticket: 49744

**DST#: 4**

ATTN: Steve Davis

Test Start: 2012.12.07 @ 07:33:14

## 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:

24500 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
122.00	MW /w few o specs.46%m 54%w	0.600

Total Length: 122.00 ft      Total Volume: 0.600 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

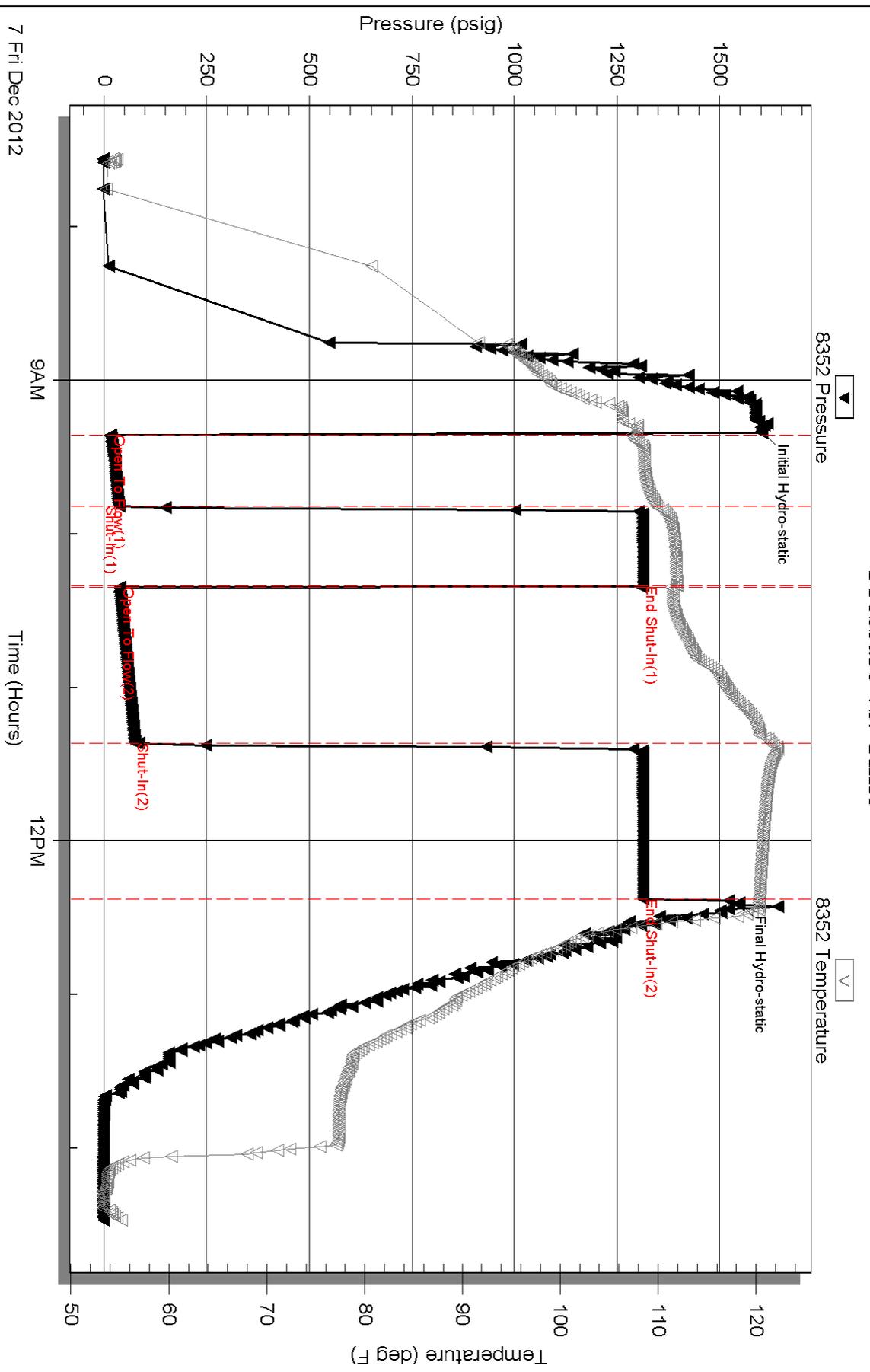
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .39 ohms @50deg.

### Pressure vs. Time



Serial #: 8370

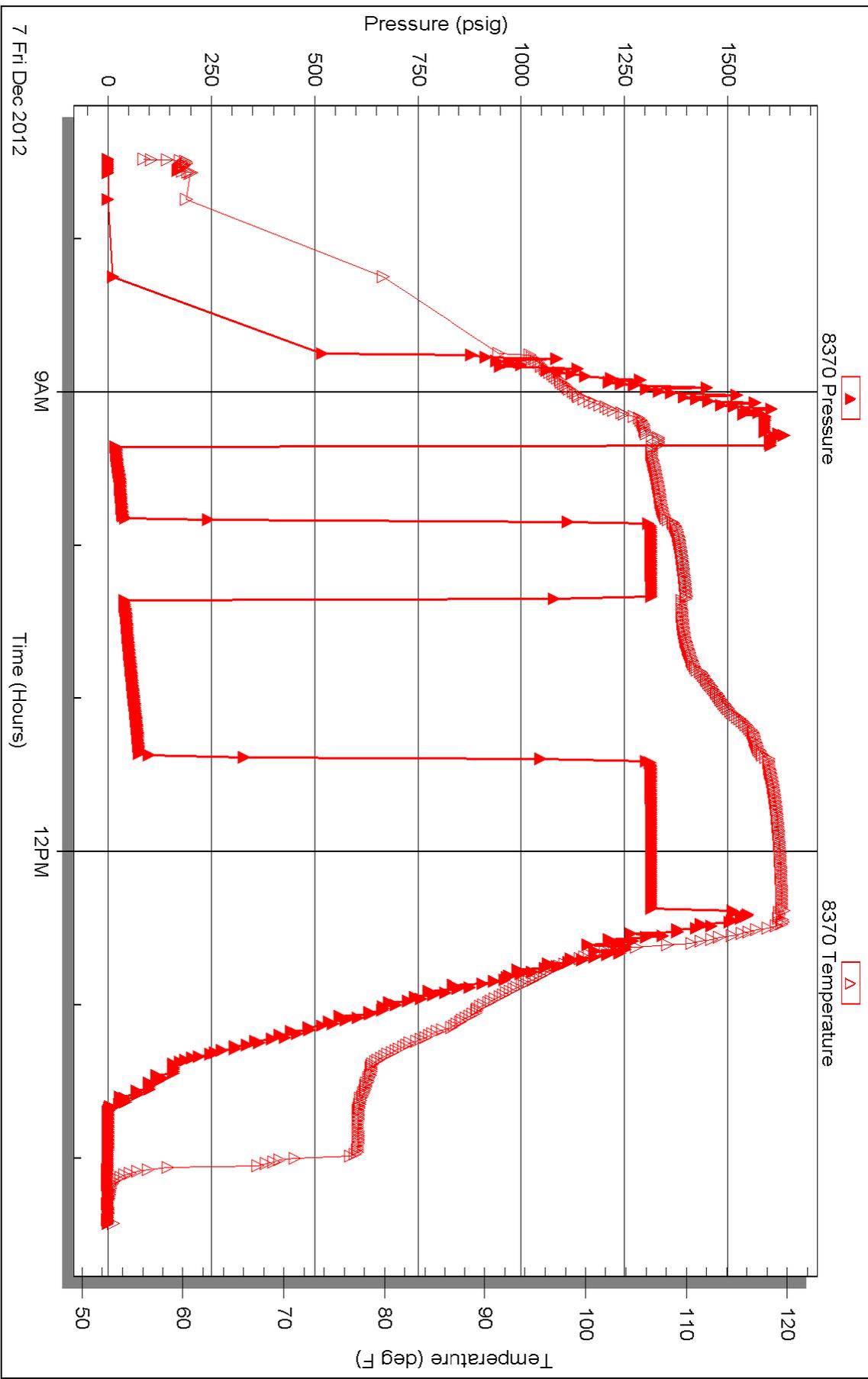
Inside

Alkon Oil LLC

Donald #1

DST Test Number: 4

### Pressure vs. Time





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 49741

4/10

Well Name & No. DONALD # Test No. 1 Date 12-3-12  
 Company ALTON OIL, LLC Elevation 1310 KB 1302 GL  
 Address P.O. Box 117, WINFIELD Ks. 67156  
 Co. Rep / Geo. STEVE DAVIS Rig GOULICK DRUG # 1  
 Location: Sec. 29 Twp. 30<sup>s</sup> Rge. 5<sup>e</sup> Co. COWLEY State Ks

Interval Tested 2250 - 2280' Zone Tested K.C.  
 Anchor Length 30' Drill Pipe Run 1866' Mud Wt. 9.2  
 Top Packer Depth 2245' Drill Collars Run 360' Vis 47  
 Bottom Packer Depth 2250' Wt. Pipe Run 0 WL 9.4 cc  
 Total Depth 2280' Chlorides 1200 ppm System LCM 4<sup>#</sup>  
 Blow Description IF: Wank below. 1/4" decreasing. ISI: No blow.  
FF: No blow FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Duty Mud. (good order)</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3 BHT 94 Gravity N/A API RW N.C. @ ~ °F Chlorides 1200 ppm  
 (A) Initial Hydrostatic 1084  Test 1150 T-On Location 0348  
 (B) First Initial Flow 12  Jars 250 T-Started 0440  
 (C) First Final Flow 14  Safety Joint 75 T-Open 0615  
 (D) Initial Shut-In 30  Circ Sub T-Pulled 0816  
 (E) Second Initial Flow 16  Hourly Standby T-Out 0959  
 (F) Second Final Flow 16  Mileage (248) 384.80 Comments \_\_\_\_\_  
 (G) Final Shut-In 27  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1053  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1859.40

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative Guy 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.

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## Test Ticket

NO. 49742

4/10

Well Name & No. DONALD #1 Test No. 2 Date 12-3-12  
 Company ALTON OIL, LLC Elevation 1310 KB 1302 GL  
 Address P.O. Box 117, Winfield Ks. 67156  
 Co. Rep / Geo. STEVE DAVES Rig QUICK DRILL #1  
 Location: Sec. 29 Twp. 30<sup>S</sup> Rge. 5<sup>E</sup> Co. COWLEY State Ks.

Interval Tested 2300 - 2325 Zone Tested LKC  
 Anchor Length 25 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.2  
 Top Packer Depth 2295 Drill Collars Run \_\_\_\_\_ Vis SD  
 Bottom Packer Depth 2300 Wt. Pipe Run \_\_\_\_\_ WL 8.2 cc  
 Total Depth 2325 Chlorides 1300 ppm System LCM 4 #  
 Blow Description IF: Weak blow. 1/4-1/2" decreasing. ISI No blow.  
FF: No blow. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Dry Mud</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 5 BHT 92° Gravity N/A API RW N/C. @ ~ °F Chlorides 1300 ppm  
 (A) Initial Hydrostatic 1094  Test 1150 T-On Location 18 ~~03~~ 03  
 (B) First Initial Flow 9  Jars 250 T-Started 18 ~~25~~ 25  
 (C) First Final Flow 13  Safety Joint 75 T-Open 19 ~~41~~ 41  
 (D) Initial Shut-In 687  Circ Sub T-Pulled 21 41  
 (E) Second Initial Flow 14  Hourly Standby T-Out 23 11  
 (F) Second Final Flow 19  Mileage (248) 384.40 Comments \_\_\_\_\_  
 (G) Final Shut-In 593  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1068  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 30  Day Standby \_\_\_\_\_ Total 1859.40  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1859.40

Approved By \_\_\_\_\_ Our Representative Steve Daves  
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## Test Ticket

NO. 49743

4/10

Well Name & No. DONALD #1 Test No. 3 Date 12-5-12  
 Company ALTON OIL, LLC Elevation 1310 KB 1302 GL  
 Address P.O. Box 117, WINFIELD Ks. 67156  
 Co. Rep / Geo. STEVE DAVIS Rig COWLEY DRILL #1  
 Location: Sec. 29 Twp. 30<sup>S</sup> Rge. 5<sup>E</sup> Co. Cowley State Ks.

Interval Tested 2914 ~ 2938 Zone Tested MISS -  
 Anchor Length 24' Drill Pipe Run 2530 Mud Wt. 9.2  
 Top Packer Depth 2909' Drill Collars Run 360 Vis 45  
 Bottom Packer Depth 2914' Wt. Pipe Run 0 WL 11.0  
 Total Depth 2938 Chlorides 1600 ppm System LCM 4#  
 Blow Description IF; Strong blow. B.O.B. in 11 sec. ISI; No blow

FF; Strong blow. B.O.B. in 3 sec. GTS in 32 mins. TSTM  
FSI; No blow.

Rec	Feet of	%gas	%oil	%water	%mud
25	SOCM	1		99	
60	GOCM	9	6	85	

Rec Total 85 Flow BHT 106° Gravity N/A API RWN.C. @ ~ °F Chlorides 1600 ppm

(A) Initial Hydrostatic <u>1396</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>1448</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>1600</u>
(C) First Final Flow <u>27</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1750</u>
(D) Initial Shut-In <u>952</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2036</u>
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2247</u>
(F) Second Final Flow <u>62</u>	<input checked="" type="checkbox"/> Mileage <u>(2458)</u> 384.40	Comments _____
(G) Final Shut-In <u>977</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1376</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1859.40</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1859.40</u>	

Approved By [Signature] Our Representative [Signature]  
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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 49744

4/10

Well Name & No. DONALD # 1 Test No. 4 Date 12-7-12  
 Company ALTON OIL, LLC Elevation 1310 KB 1302 GL  
 Address P.O. Box 117, WINFIELD KS. 67156  
 Co. Rep / Geo. STEVE DAVIS Rig GOULICK DRUG #1  
 Location: Sec. 29 Twp. 30S Rge. 5E Co. COWLEY State Ks.

Interval Tested 3354 - 3372' Zone Tested ARBUCKLE  
 Anchor Length 18' Drill Pipe Run 2973 Mud Wt. 9.2  
 Top Packer Depth 3349' Drill Collars Run 360' Vis 47  
 Bottom Packer Depth 3354' Wt. Pipe Run 0 WL 8.2 cc  
 Total Depth 3372' Chlorides 1300 ppm System LCM 4#  
 Blow Description IF: Weak blow. 1/4 - 1 1/2" ISI: No blow.

FF: Weak blow. 1/4 - 2 1/2" FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
122	MW w few speeds			54	46

Rec Total 122 BHT 120 Gravity N/A API RW 39 @ 50 ° F Chlorides 24,500 ppm  
 (A) Initial Hydrostatic 1602  Test 1150 T-On Location 0703  
 (B) First Initial Flow 17  Jars 250 T-Started 0733  
 (C) First Final Flow 36  Safety Joint 75 T-Open 0921  
 (D) Initial Shut-In 1314  Circ Sub T-Pulled 1224  
 (E) Second Initial Flow 38  Hourly Standby T-Out 1427  
 (F) Second Final Flow 75  Mileage (248) 384.40 Comments \_\_\_\_\_  
 (G) Final Shut-In 1314  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1547  Straddle \_\_\_\_\_  
 Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Shale Packer \_\_\_\_\_  
 Final Flow 60  Extra Packer \_\_\_\_\_  
 Final Shut-In 60  Extra Recorder \_\_\_\_\_  
 Sub Total 1859.40  Day Standby 1d 8.25h Total 2134.40  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Approved By [Signature]

Our Representative [Signature]

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