



## DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration LLC**

204 W Mill St.  
Plainville KS 67663

ATTN: Marc Downing

**Janice #8-1**

**6-12s-33w Logan,KS**

Start Date: 2016.10.23 @ 03:11:15

End Date: 2016.10.23 @ 09:47:00

Job Ticket #: 65625                      DST #: 1

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

Printed: 2016.10.28 @ 10:18:39



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65625

**DST#: 1**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 03:11:15

## GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:27:30

Time Test Ended: 09:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 4061.00 ft (KB) To 4095.00 ft (KB) (TVD)**

Reference Elevations: 3142.00 ft (KB)

Total Depth: 4065.00 ft (KB) (TVD)

3137.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 499.55 psig @ 4062.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.23

End Date:

2016.10.23

Last Calib.:

2016.10.23

Start Time: 03:11:15

End Time:

09:47:00

Time On Btm:

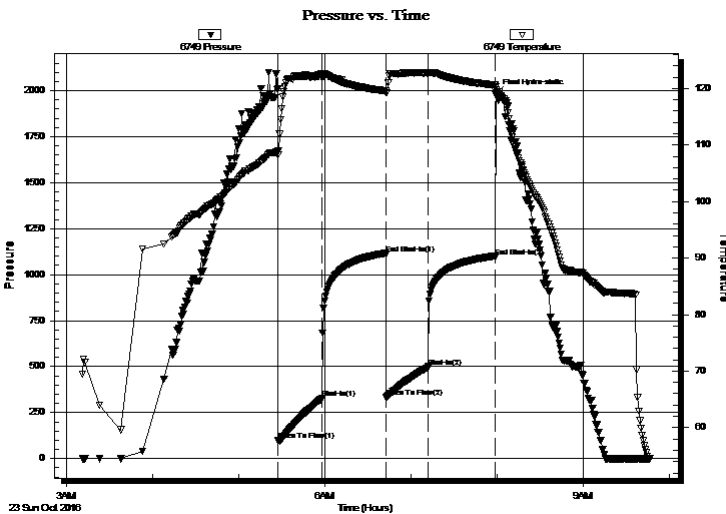
2016.10.23 @ 05:27:15

Time Off Btm:

2016.10.23 @ 07:59:30

**TEST COMMENT:** IF:BOB in 5 min.  
IS:No return blow  
FF:BOB in 5 min.  
FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.99	108.83	Initial Hydro-static
1	99.65	108.29	Open To Flow (1)
31	326.73	122.48	Shut-In(1)
76	1110.57	119.55	End Shut-In(1)
76	331.92	119.22	Open To Flow (2)
105	499.55	122.74	Shut-In(2)
152	1094.23	120.58	End Shut-In(2)
153	1986.44	119.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	sw 100%sw	0.30
60.00	ocw 2%o 98%sw	0.30
868.00	ocmw 2% o 40%m 58%w	12.18
40.00	ocw m 10%o 40%w 50%m	0.56
5.00	free oil 100%o	0.07

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65625

**DST#: 1**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 03:11:15

## Tool Information

Drill Pipe:	Length: 3930.00 ft	Diameter: 3.80 inches	Volume: 55.13 bbl	Tool Weight: 1500.00 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 55.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4061.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4034.00	
Shut In Tool	5.00			4039.00	
Hydraulic tool	5.00			4044.00	
Jars	5.00			4049.00	
Safety Joint	3.00			4052.00	
Packer	5.00			4057.00	28.00 Bottom Of Top Packer
Packer	4.00			4061.00	
Stubb	1.00			4062.00	
Recorder	0.00	8672	Inside	4062.00	
Recorder	0.00	6749	Outside	4062.00	
Perforations	28.00			4090.00	
Bullnose	5.00			4095.00	34.00 Bottom Packers & Anchor

**Total Tool Length: 62.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65625

**DST#: 1**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 03:11:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.13 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	sw 100%sw	0.295
60.00	ocw 2%o 98%sw	0.304
868.00	ocmw 2% o 40%m 58%w	12.176
40.00	ocw m 10%o 40%w 50%m	0.561
5.00	free oil 100%o	0.070

Total Length: 1033.00 ft      Total Volume: 13.406 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

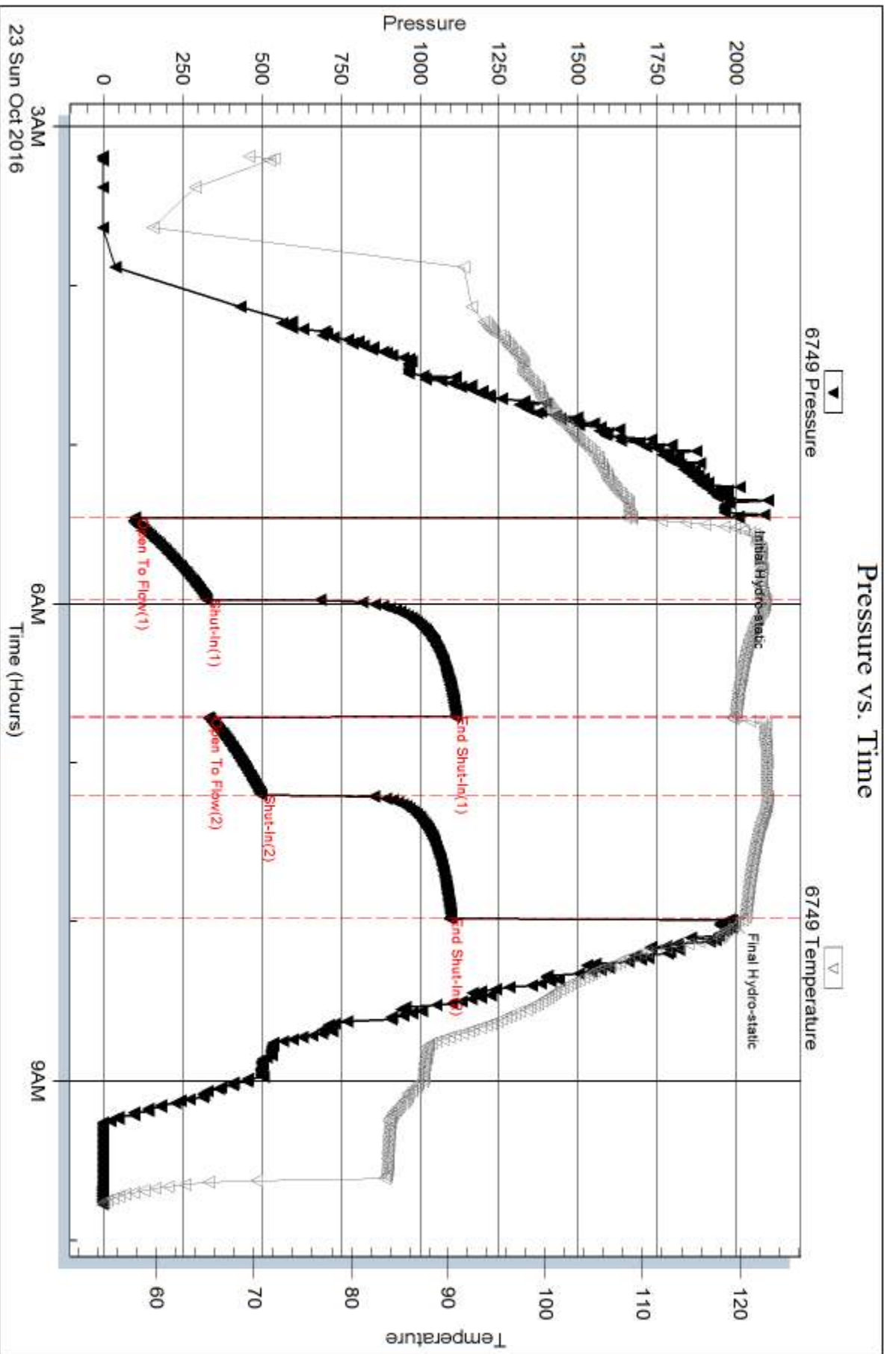
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .692@54.4=14,000 ppm

API 33 @ 60 corrected to 33



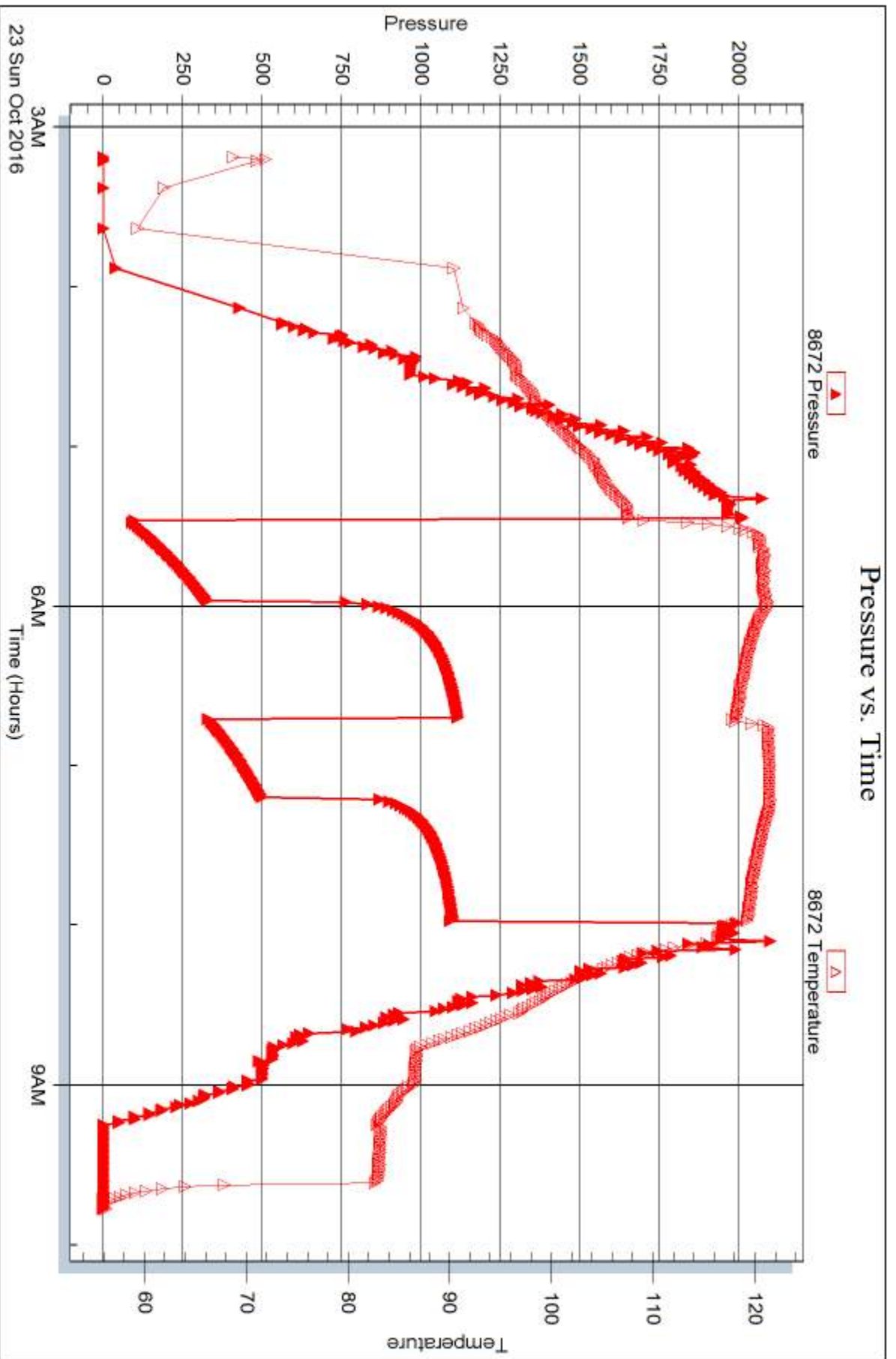
Serial #: 8672

Inside

StrataKan Exploration LLC

Janice #8-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65625

Printed: 2016.10.28 @ 10:18:41



## DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration LLC**

204 W Mill St.  
Plainville KS 67663

ATTN: Marc Downing

**Janice #8-1**

**6-12s-33w Logan,KS**

Start Date: 2016.10.23 @ 18:48:15

End Date: 2016.10.24 @ 00:52:15

Job Ticket #: 65576                      DST #: 2

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

Printed: 2016.10.28 @ 10:18:18





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65576

**DST#: 2**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 18:48:15

## GENERAL INFORMATION:

Formation: **LKC E**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:26:45  
 Time Test Ended: 00:52:15  
 Interval: **4136.00 ft (KB) To 4158.00 ft (KB) (TVD)**  
 Total Depth: 4158.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 81  
 Reference Elevations: 3142.00 ft (KB)  
 3137.00 ft (CF)  
 KB to GR/CF: 5.00 ft

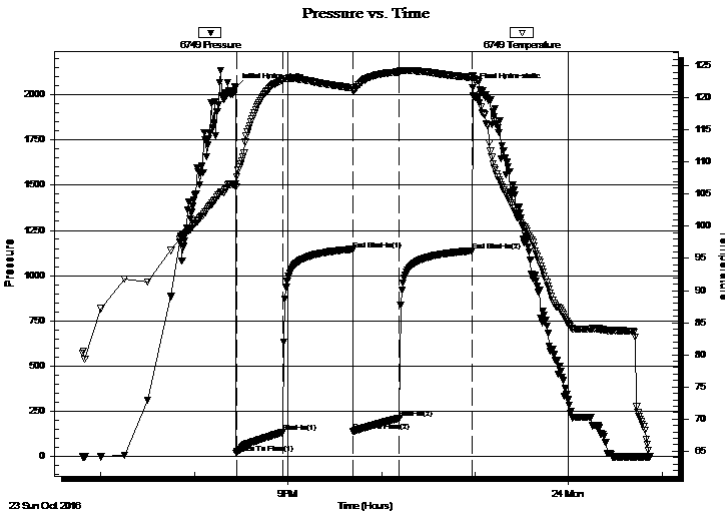
## Serial #: 6749

**Outside**

Press@RunDepth: 212.82 psig @ 4153.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.10.23 End Date: 2016.10.24 Last Calib.: 2016.10.24  
 Start Time: 18:48:15 End Time: 00:52:15 Time On Btm: 2016.10.23 @ 20:26:30  
 Time Off Btm: 2016.10.23 @ 22:58:30

TEST COMMENT: IF:BOB in 14 min.  
 IS:No return blow  
 FF:BOB in 16 min.  
 FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.63	106.62	Initial Hydro-static
1	19.81	106.11	Open To Flow (1)
31	133.98	122.73	Shut-In(1)
75	1144.26	121.53	End Shut-In(1)
76	139.73	121.12	Open To Flow (2)
105	212.82	124.03	Shut-In(2)
152	1137.39	123.15	End Shut-In(2)
152	2037.89	123.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	sw 100% sw (collars)	0.59
278.00	ocw m 2%o 38%w 60%m	3.90
30.00	free oil 100% oil	0.42

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65576

**DST#: 2**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 18:48:15

## Tool Information

Drill Pipe:	Length: 4032.00 ft	Diameter: 3.80 inches	Volume: 56.56 bbl	Tool Weight: 1500.00 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4136.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4117.00	
Shut In Tool	5.00			4122.00	
Hydraulic tool	5.00			4127.00	
Packer	5.00			4132.00	20.00 Bottom Of Top Packer
Packer	4.00			4136.00	
Stubb	1.00			4137.00	
Perforations	16.00			4153.00	
Recorder	0.00	8672	Inside	4153.00	
Recorder	0.00	6749	Outside	4153.00	
Bullnose	5.00			4158.00	22.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>42.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65576

**DST#: 2**

ATTN: Marc Downing

Test Start: 2016.10.23 @ 18:48:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14500 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.73 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
119.00	sw 100% sw (collars)	0.585
278.00	ocw m 2%o 38%w 60%m	3.900
30.00	free oil 100% oil	0.421

Total Length: 427.00 ft      Total Volume: 4.906 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

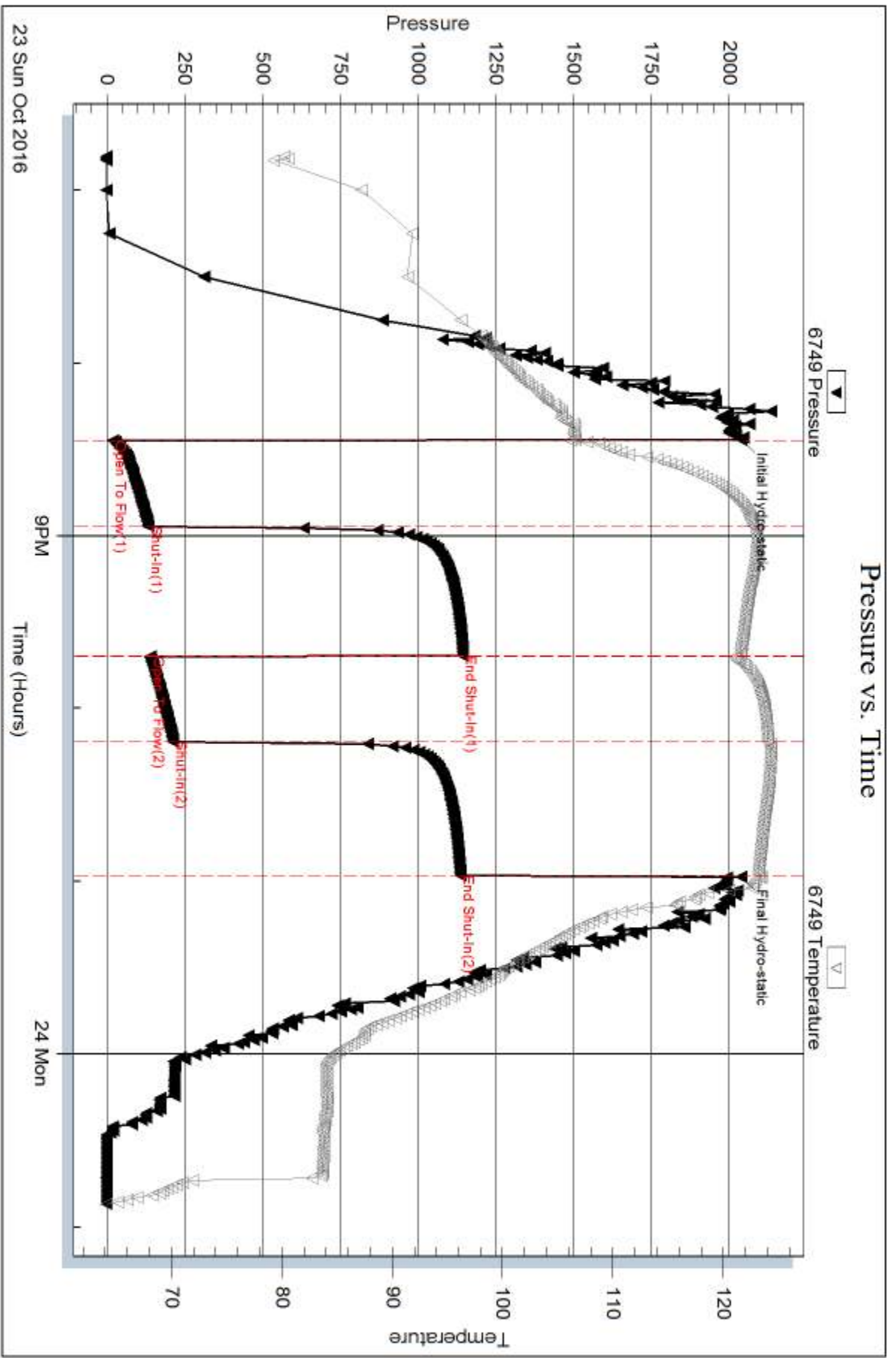
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 29 @ 60 corrected to 29

RW= .721@56.1 = 14,500 ppm



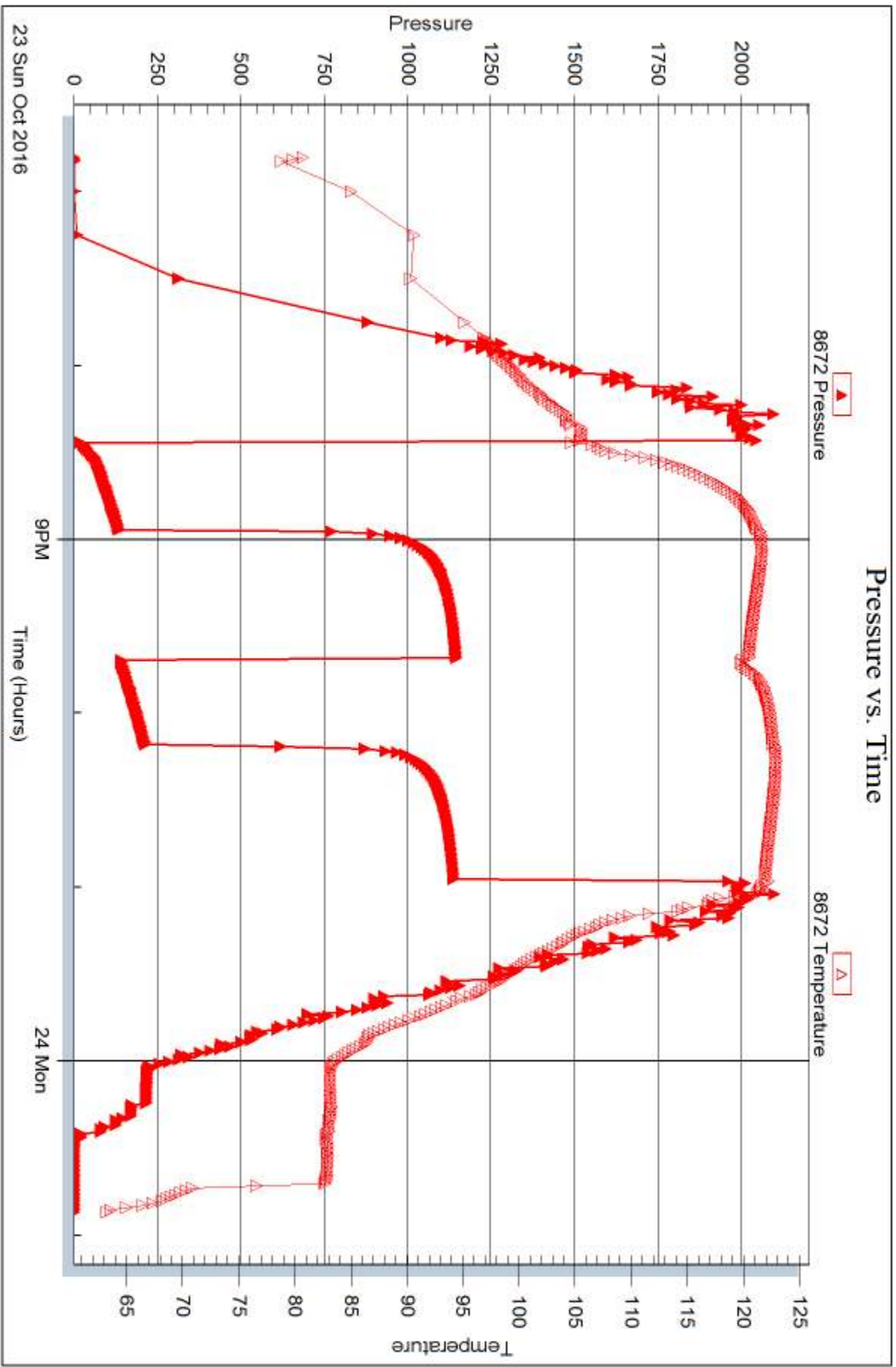
Serial #: 8672

Inside

StrataKan Exploration LLC

Janice #8-1

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration LLC**

204 W Mill St.  
Plainville KS 67663

ATTN: Marc Downing

**Janice #8-1**

**6-12s-33w Logan,KS**

Start Date: 2016.10.24 @ 13:51:15

End Date: 2016.10.24 @ 20:31:30

Job Ticket #: 65577                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.10.28 @ 10:17:56



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65577

**DST#: 3**

ATTN: Marc Downing

Test Start: 2016.10.24 @ 13:51:15

## GENERAL INFORMATION:

Formation: **LKC H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:36:45

Time Test Ended: 20:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4221.00 ft (KB) To 4257.00 ft (KB) (TVD)**

Reference Elevations: 3142.00 ft (KB)

Total Depth: 4257.00 ft (KB) (TVD)

3137.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 363.90 psig @ 4252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.24

End Date:

2016.10.24

Last Calib.: 2016.10.24

Start Time: 13:51:15

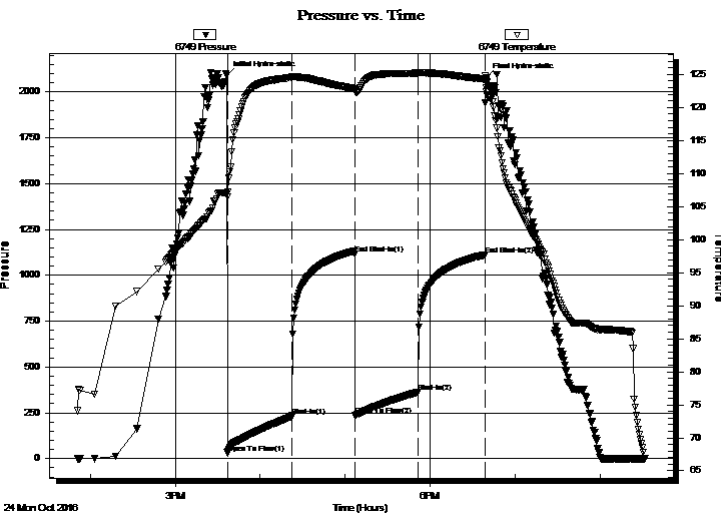
End Time:

20:31:30

Time On Btm: 2016.10.24 @ 15:36:30

Time Off Btm: 2016.10.24 @ 18:39:30

TEST COMMENT: IF: Built to 6" blow  
IS: No return blow  
FF: BOB in 38 min.  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.84	106.94	Initial Hydro-static
1	31.09	106.53	Open To Flow (1)
46	233.06	124.56	Shut-In(1)
91	1117.89	122.83	End Shut-In(1)
91	235.41	122.46	Open To Flow (2)
135	363.90	125.18	Shut-In(2)
182	1111.30	124.28	End Shut-In(2)
183	2077.43	122.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
367.00	sw 100% sw	4.06
372.00	w cm 40%w 60%m	5.22
10.00	ocw m 2%o 38%w 60%m	0.14

## Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65577

**DST#: 3**

ATTN: Marc Downing

Test Start: 2016.10.24 @ 13:51:15

## Tool Information

Drill Pipe:	Length: 4102.00 ft	Diameter: 3.80 inches	Volume: 57.54 bbl	Tool Weight: 1500.00 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4221.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4202.00	
Shut In Tool	5.00			4207.00	
Hydraulic tool	5.00			4212.00	
Packer	5.00			4217.00	20.00 Bottom Of Top Packer
Packer	4.00			4221.00	
Stubb	1.00			4222.00	
Perforations	30.00			4252.00	
Recorder	0.00	8672	Inside	4252.00	
Recorder	0.00	6749	Outside	4252.00	
Bullnose	5.00			4257.00	36.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>56.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65577

**DST#: 3**

ATTN: Marc Downing

Test Start: 2016.10.24 @ 13:51:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

15000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.55 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
367.00	sw 100% sw	4.064
372.00	w cm 40%w 60%m	5.218
10.00	ocw m 2%o 38%w 60%m	0.140

Total Length: 749.00 ft      Total Volume: 9.422 bbl

Num Fluid Samples: 0

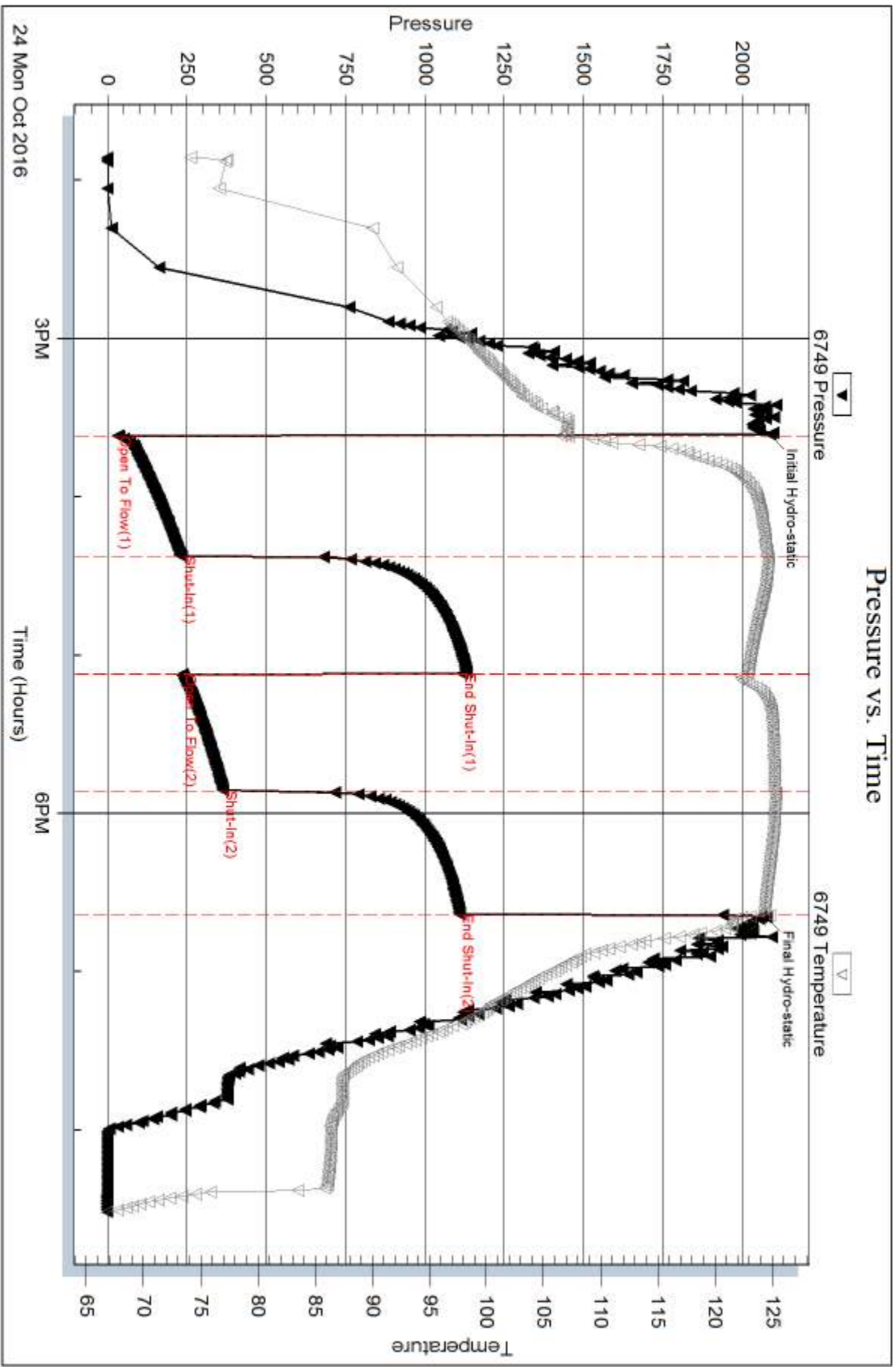
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .779@65.7=15000 ppm



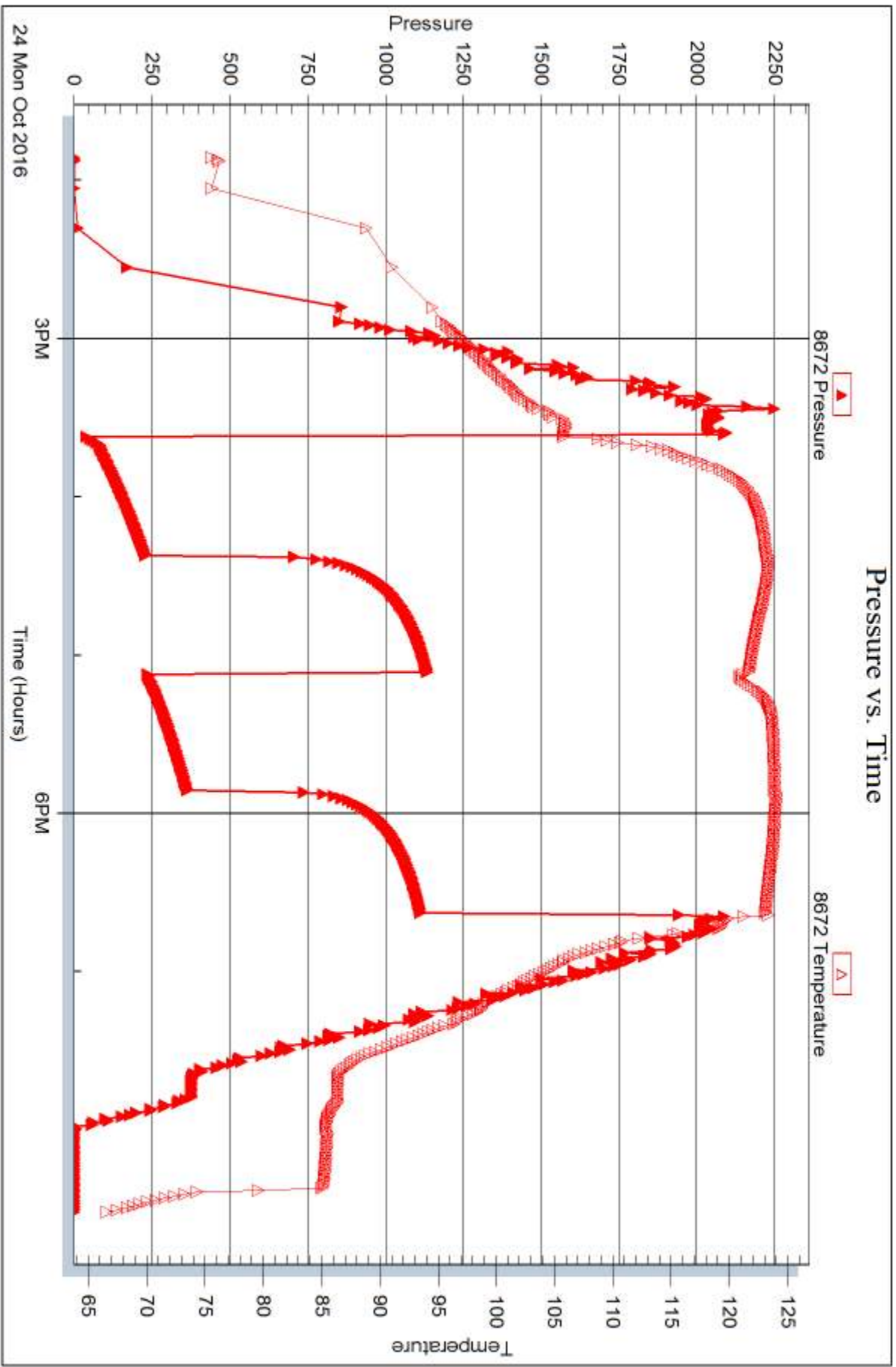
Serial #: 8672

Inside

StrataKan Exploration LLC

Janice #8-1

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration LLC**

204 W Mill St.  
Plainville KS 67663

ATTN: Marc Downing

**Janice #8-1**

**6-12s-33w Logan,KS**

Start Date: 2016.10.26 @ 07:26:15

End Date: 2016.10.26 @ 14:13:00

Job Ticket #: 65578                      DST #: 4

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

Printed: 2016.10.28 @ 10:17:29



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65578

**DST#: 4**

ATTN: Marc Downing

Test Start: 2016.10.26 @ 07:26:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:13:30

Time Test Ended: 14:13:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4581.00 ft (KB) To 4670.00 ft (KB) (TVD)**

Reference Elevations: 3142.00 ft (KB)

Total Depth: 4670.00 ft (KB) (TVD)

3137.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 803.22 psig @ 4650.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.26

End Date:

2016.10.26

Last Calib.:

2016.10.26

Start Time: 07:26:15

End Time:

14:13:00

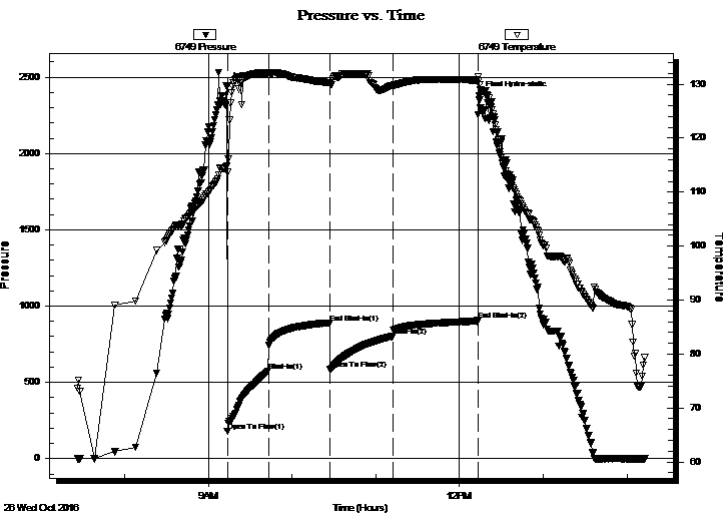
Time On Btm:

2016.10.26 @ 09:13:15

Time Off Btm:

2016.10.26 @ 12:14:00

TEST COMMENT: IF:BOB in 2 min.  
IS:No return blow  
FF:BOB in 4 min.  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2436.21	114.77	Initial Hydro-static
1	178.74	113.68	Open To Flow (1)
30	573.58	132.12	Shut-In(1)
74	890.27	130.27	End Shut-In(1)
74	583.84	130.09	Open To Flow (2)
119	803.22	129.75	Shut-In(2)
180	905.48	130.77	End Shut-In(2)
181	2377.97	130.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
305.00	sw 100% sw	3.19
620.00	m cw 30% m 70% sw	8.70
310.00	w com 2% w 3% o 95% m	4.35
372.00	o cm 3% o 97% m	5.22

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65578

**DST#: 4**

ATTN: Marc Downing

Test Start: 2016.10.26 @ 07:26:15

## Tool Information

Drill Pipe:	Length: 4444.00 ft	Diameter: 3.80 inches	Volume: 62.34 bbl	Tool Weight: 1500.00 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4581.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4554.00	
Shut In Tool	5.00			4559.00	
Hydraulic tool	5.00			4564.00	
Jars	5.00			4569.00	
Safety Joint	3.00			4572.00	
Packer	5.00			4577.00	28.00 Bottom Of Top Packer
Packer	4.00			4581.00	
Stubb	1.00			4582.00	
Perforations	3.00			4585.00	
Change Over Sub	1.00			4586.00	
Drill Pipe	63.00			4649.00	
Change Over Sub	1.00			4650.00	
Recorder	0.00	8672	Inside	4650.00	
Recorder	0.00	6749	Outside	4650.00	
Perforations	15.00			4665.00	
Bullnose	5.00			4670.00	89.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>117.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65578

**DST#: 4**

ATTN: Marc Downing

Test Start: 2016.10.26 @ 07:26:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
305.00	sw 100% sw	3.194
620.00	mcw 30% <sub>m</sub> 70% <sub>sw</sub>	8.697
310.00	w com 2% <sub>w</sub> 3% <sub>o</sub> 95% <sub>m</sub>	4.348
372.00	ocm 3% <sub>o</sub> 97% <sub>m</sub>	5.218

Total Length: 1607.00 ft      Total Volume: 21.457 bbl

Num Fluid Samples: 0

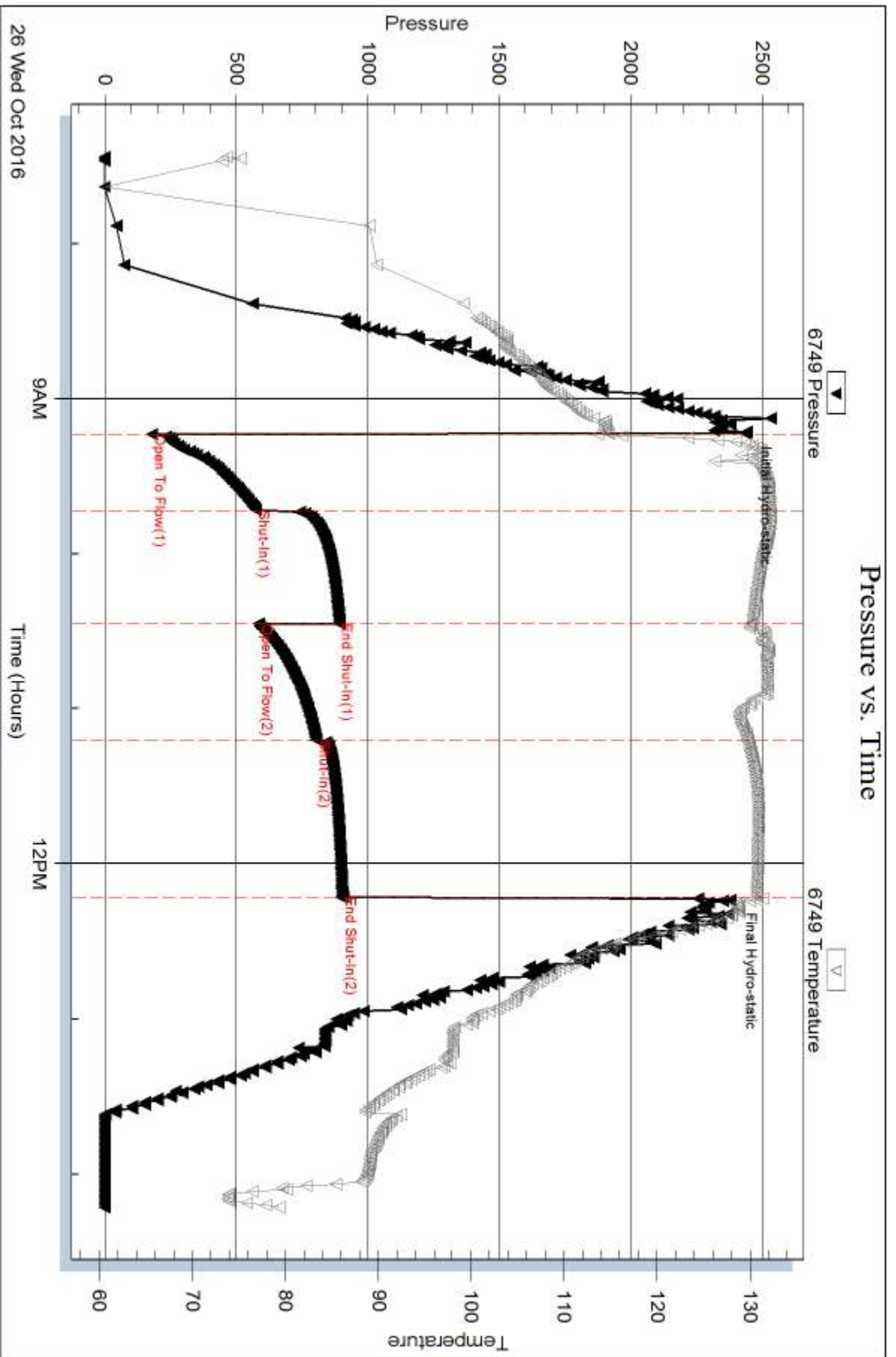
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.387 @ 82.6= 17,000 ppm



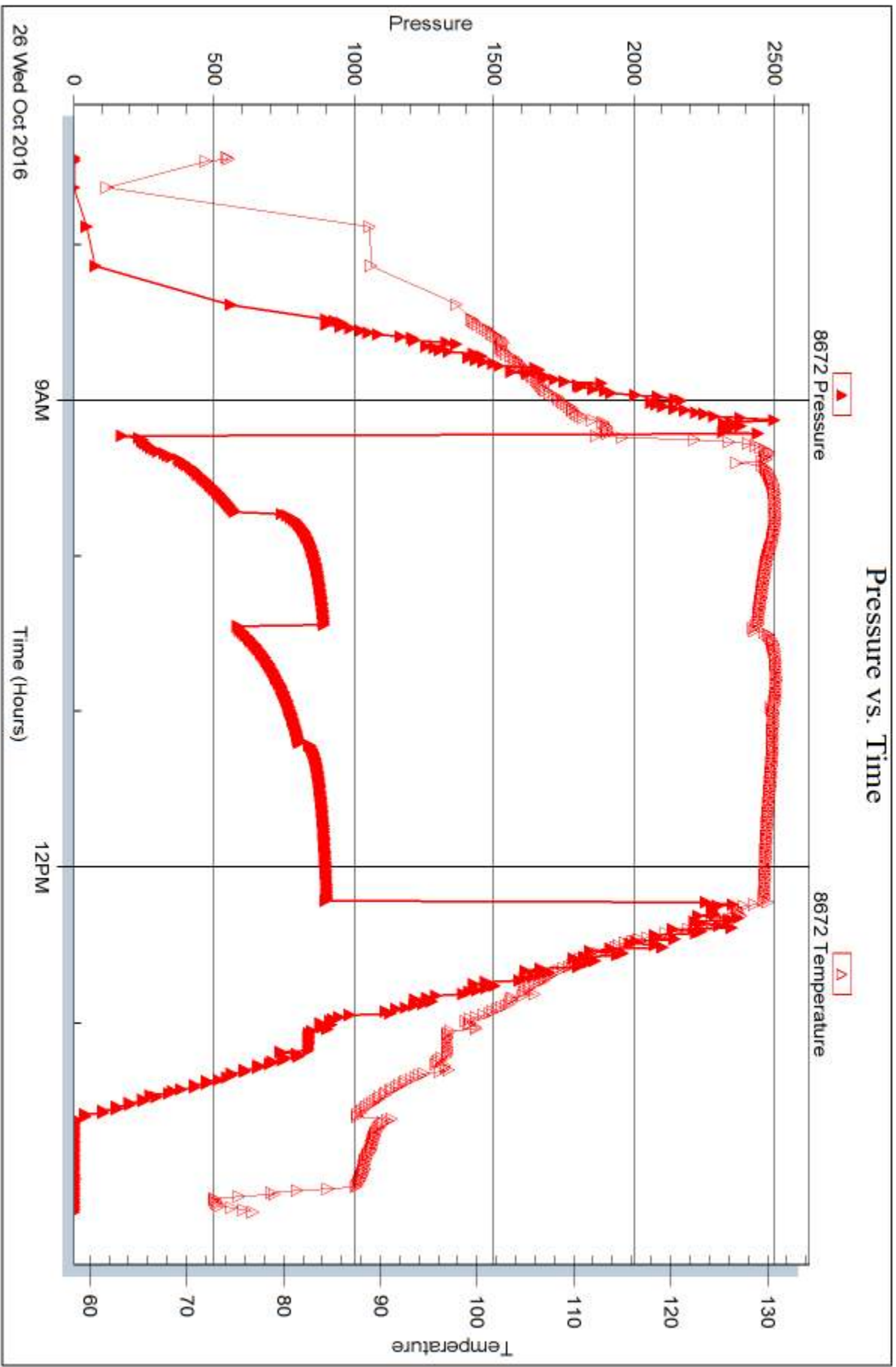
Serial #: 8672

Inside

StrataKan Exploration LLC

Janice #8-1

DST Test Number: 4



26 Wed Oct 2016

9AM

Time (Hours)

12PM



## DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration LLC**

204 W Mill St.  
Plainville KS 67663

ATTN: Marc Downing

**Janice #8-1**

**6-12s-33w Logan,KS**

Start Date: 2016.10.27 @ 13:52:15

End Date: 2016.10.27 @ 21:42:30

Job Ticket #: 65579                      DST #: 5

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

Printed: 2016.10.28 @ 10:16:37



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65579

**DST#: 5**

ATTN: Marc Downing

Test Start: 2016.10.27 @ 13:52:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:00

Time Test Ended: 21:42:30

Test Type: Conventional Straddle (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4602.00 ft (KB) To 4654.00 ft (KB) (TVD)**

Reference Elevations: 3142.00 ft (KB)

Total Depth: 4755.00 ft (KB) (TVD)

3137.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 657.18 psig @ 4646.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.27 End Date: 2016.10.27

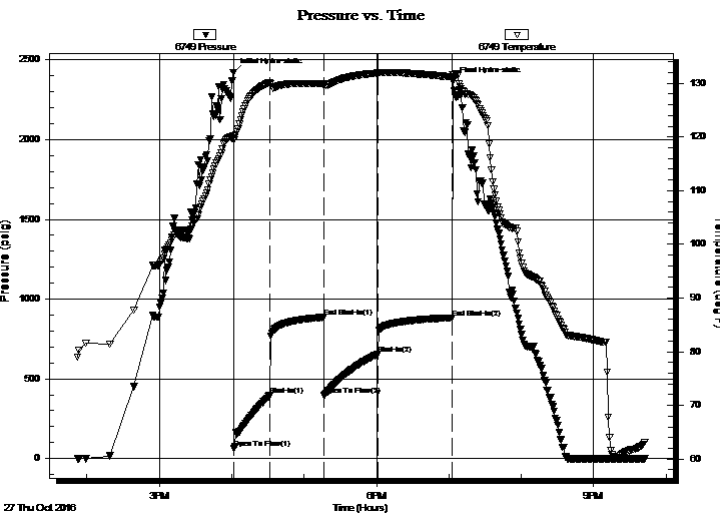
Last Calib.: 2016.10.27

Start Time: 13:52:15 End Time: 21:42:30

Time On Btm: 2016.10.27 @ 16:01:45

Time Off Btm: 2016.10.27 @ 19:03:15

TEST COMMENT: IF:BOB in 4 min.  
IS:No return blow  
FF:BOB in 8 min.  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2422.33	120.26	Initial Hydro-static
1	63.81	119.53	Open To Flow (1)
30	398.99	130.18	Shut-In(1)
75	886.37	129.88	End Shut-In(1)
75	396.54	129.67	Open To Flow (2)
120	657.18	131.92	Shut-In(2)
181	883.46	131.20	End Shut-In(2)
182	2364.73	131.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	sw 100% sw	0.59
930.00	ocmw 2%o 20%m 78%w	13.05
310.00	ocw m 2%o 48%w 50%m	4.35
25.00	free oil 100%o	0.35

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65579

**DST#: 5**

ATTN: Marc Downing

Test Start: 2016.10.27 @ 13:52:15

## GENERAL INFORMATION:

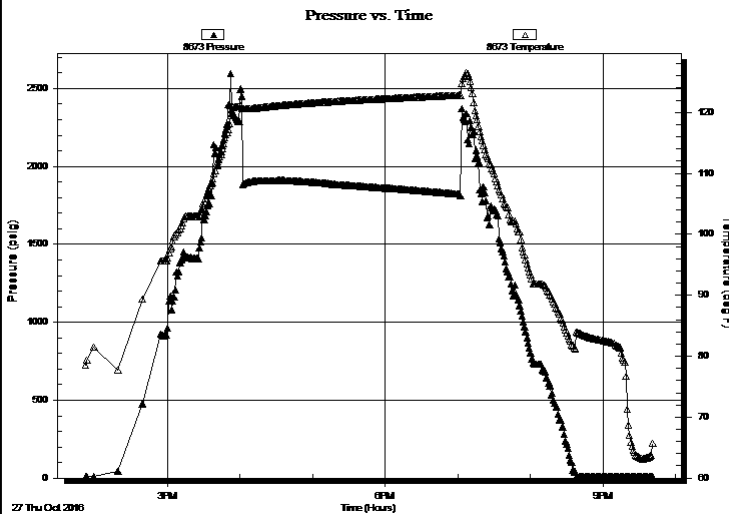
Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:02:00  
 Time Test Ended: 21:42:30  
 Interval: **4602.00 ft (KB) To 4654.00 ft (KB) (TVD)**  
 Total Depth: 4755.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)  
 Tester: Mike Roberts  
 Unit No: 81  
 Reference Elevations: 3142.00 ft (KB)  
 3137.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8673 Below (Straddle)**

Press@RunDepth: psig @ 4656.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.10.27 End Date: 2016.10.27 Last Calib.: 2016.10.27  
 Start Time: 13:52:15 End Time: 21:42:00 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF:BOB in 4 min.  
 IS:No return blow  
 FF:BOB in 8 min.  
 FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	sw 100% sw	0.59
930.00	ocmw 2%o 20%m 78%w	13.05
310.00	ocw m 2%o 48%w 50%m	4.35
25.00	free oil 100%o	0.35

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65579

**DST#: 5**

ATTN: Marc Downing

Test Start: 2016.10.27 @ 13:52:15

## GENERAL INFORMATION:

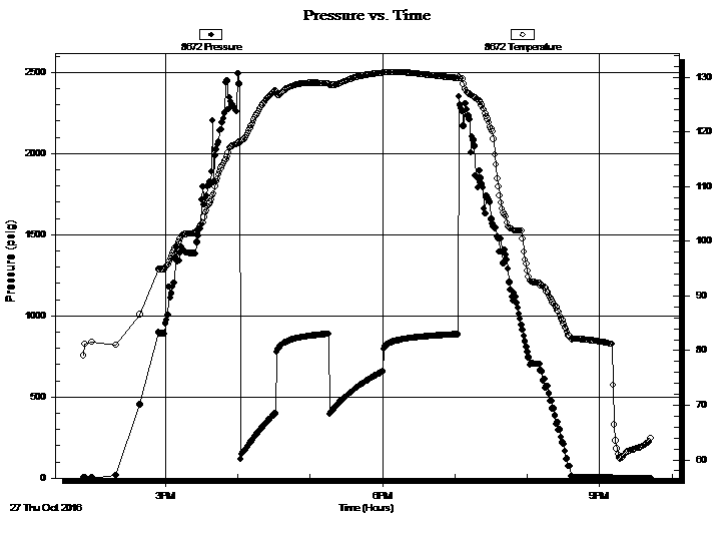
Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:02:00  
 Time Test Ended: 21:42:30  
**Interval: 4602.00 ft (KB) To 4654.00 ft (KB) (TVD)**  
 Total Depth: 4755.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Mike Roberts  
 Unit No: 81  
 Reference Elevations: 3142.00 ft (KB)  
 3137.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8672 Inside**  
 Press@RunDepth: psig @ 4646.00 ft (KB)  
 Start Date: 2016.10.27 End Date: 2016.10.27  
 Start Time: 13:52:15 End Time: 21:42:15  
 Capacity: 8000.00 psig  
 Last Calib.: 2016.10.27  
 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF:BOB in 4 min.  
 IS:No return blow  
 FF:BOB in 8 min.  
 FS:No return blow

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation



## Recovery

Length (ft)	Description	Volume (bbl)
119.00	sw 100% sw	0.59
930.00	ocmw 2%o 20%m 78%w	13.05
310.00	ocw m 2%o 48%w 50%m	4.35
25.00	free oil 100%o	0.35

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65579

**DST#: 5**

ATTN: Marc Downing

Test Start: 2016.10.27 @ 13:52:15

## Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 bbl	Tool Weight: 1500.00 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4602.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	4650.00 ft			
Interval between Packers:	48.00 ft			
Tool Length:	180.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Hydraulic tool	1.00			4575.00	
Drill Collar	5.00			4580.00	
Hydraulic tool	5.00			4585.00	
Jars	5.00			4590.00	
Safety Joint	3.00			4593.00	
Packer	5.00			4598.00	28.00 Bottom Of Top Packer
Packer	4.00			4602.00	
Stubb	1.00			4603.00	
Perforations	10.00			4613.00	
Change Over Sub	1.00			4614.00	
Drill Pipe	32.00			4646.00	
Recorder	0.00	8672	Inside	4646.00	
Recorder	0.00	6749	Outside	4646.00	
Change Over Sub	1.00			4647.00	
Perforations	2.00			4649.00	
Blank Off Sub	1.00			4650.00	48.00 Tool Interval
Packer	4.00			4654.00	
Stubb	1.00			4655.00	
Change Over Sub	1.00			4656.00	
Recorder	0.00	8673	Below	4656.00	
Perforations	29.00			4685.00	
Drill Pipe	63.00			4748.00	
Change Over Sub	1.00			4749.00	
Bullnose	5.00			4754.00	104.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>180.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

StrataKan Exploration LLC

**6-12s-33w Logan,KS**

204 W Mill St.  
Plainville KS 67663

**Janice #8-1**

Job Ticket: 65579

**DST#: 5**

ATTN: Marc Downing

Test Start: 2016.10.27 @ 13:52:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
119.00	sw 100% sw	0.585
930.00	ocmw 2%o 20%m 78%w	13.045
310.00	ocw m 2%o 48%w 50%m	4.348
25.00	free oil 100%o	0.351

Total Length: 1384.00 ft      Total Volume: 18.329 bbl

Num Fluid Samples: 0

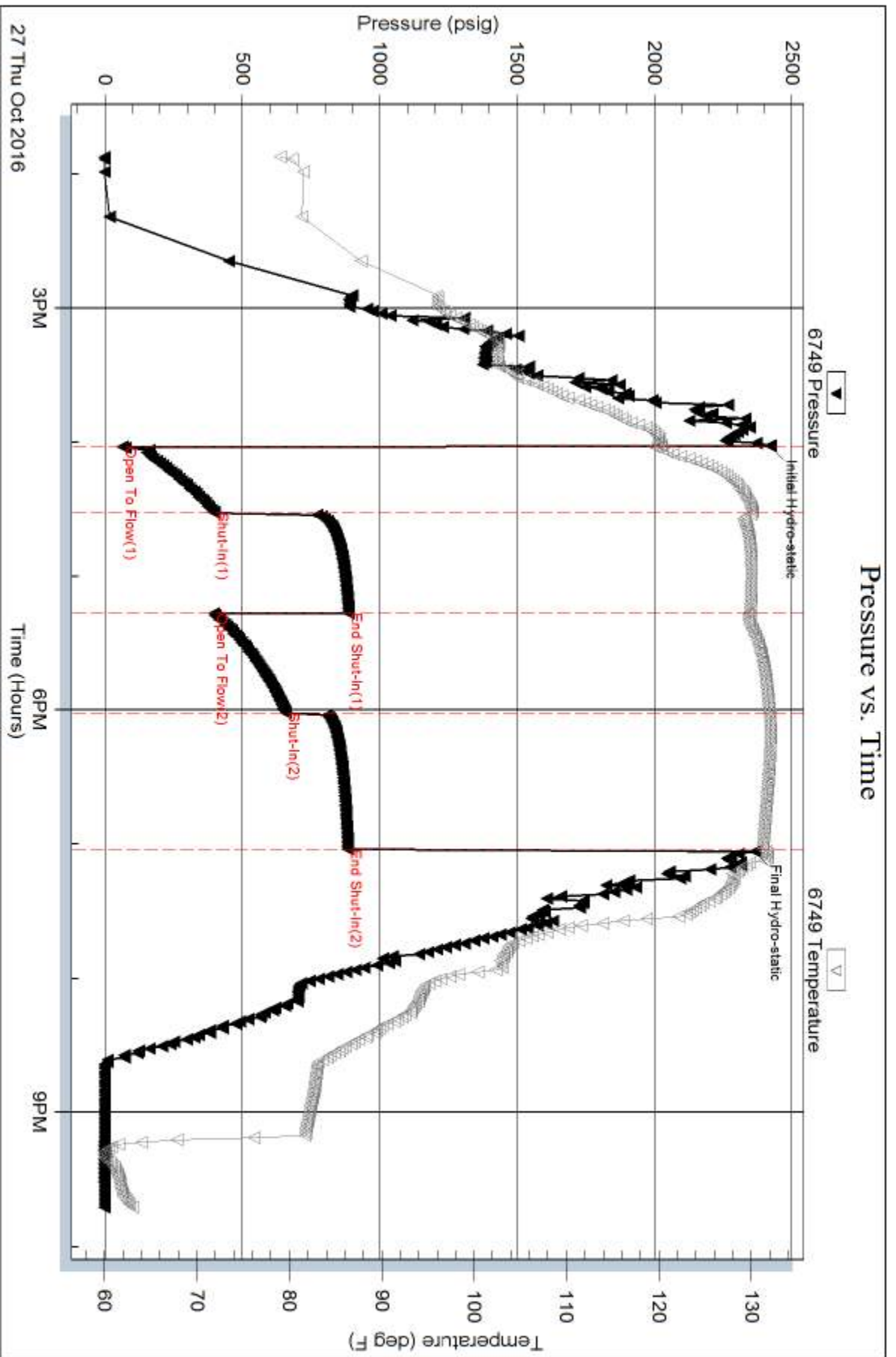
Num Gas Bombs: 0

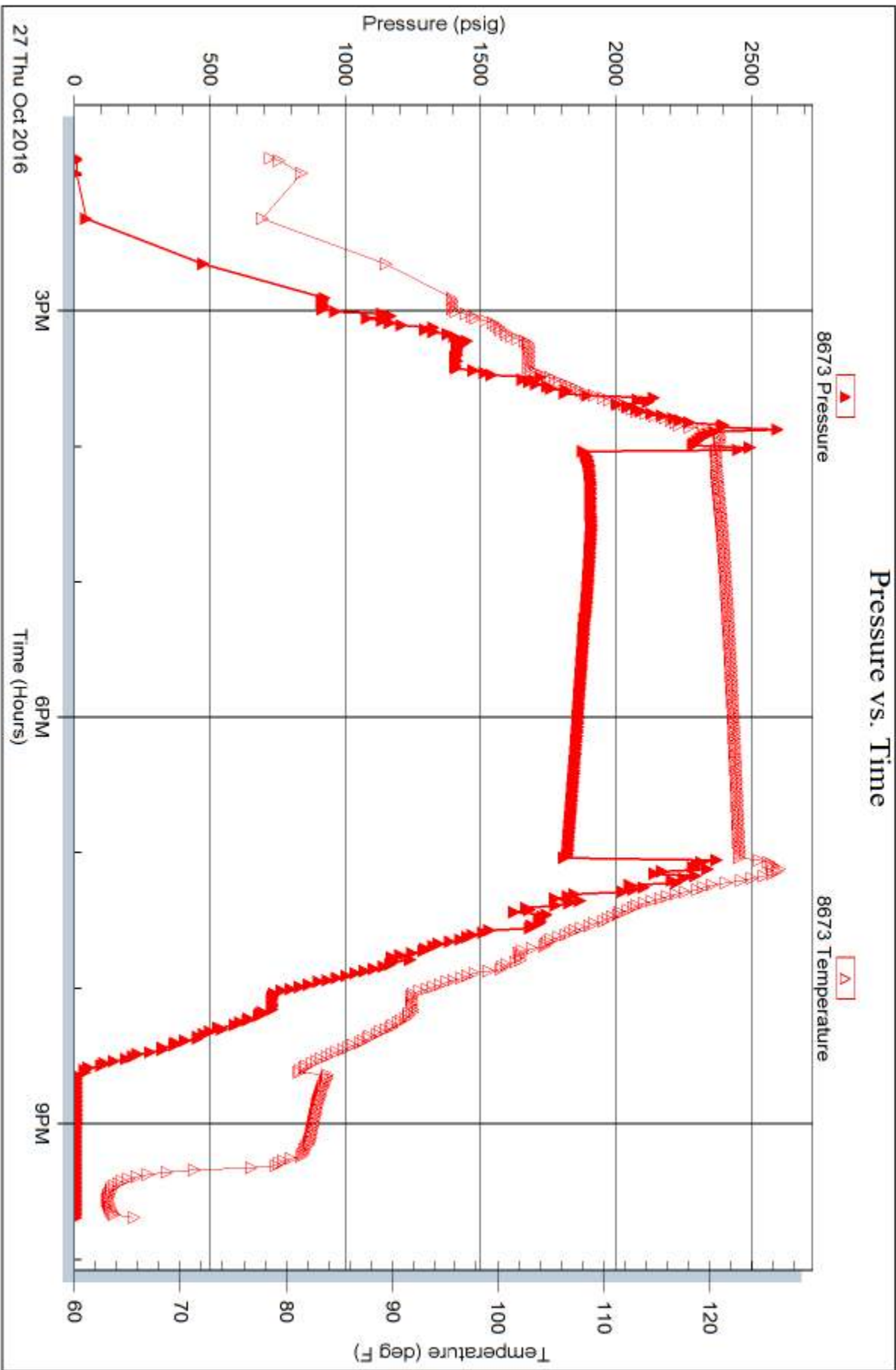
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 31 @ 60 corrected to 31  
RW=.372@ 81.4=17,000 ppm





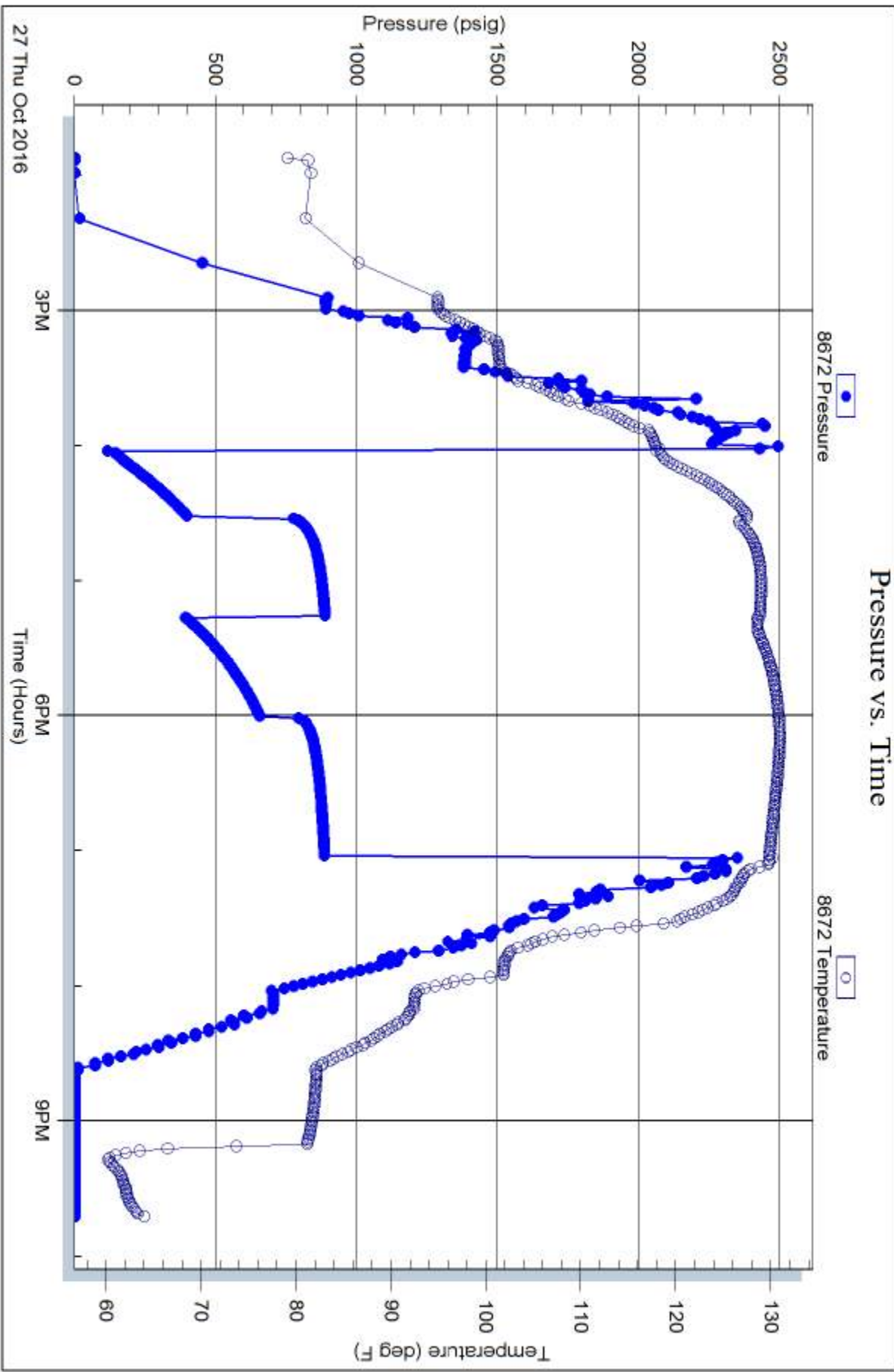
Serial #: 8672

Inside

StrataKan Exploration LLC

Janice #8-1

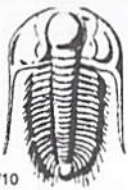
DST Test Number: 5



Triobite Testing, Inc

Ref. No: 65579

Printed: 2016.10.28 @ 10:16:39



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65625**

23

Well Name & No. Janice #8-1 Test No. 1 Date 10-~~10~~-16  
 Company Stratakan Exploration LLC Elevation 3142 KB 3137 GL  
 Address 204 W. Mill St. Plainville KS 67663  
 Co. Rep / Geo. Marc Downing Rig WW2  
 Location: Sec. 6 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4061-4095 Zone Tested A  
 Anchor Length 34 Drill Pipe Run 3930 Mud Wt. 8.6  
 Top Packer Depth 4056 Drill Collars Run 119 Vis 52  
 Bottom Packer Depth 4061 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4095 Chlorides 2000 ppm System LCM 2  
 Blow Description IF: BOB in 5 min.  
IS: NO Return Blow  
FF: BOB in 5 min  
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>7 40</u>	<u>Feet of OCWM</u>	<u>10</u>	<u>40</u>	<u>50</u>	
<u>7 5</u>	<u>Feet of Free Oil</u>	<u>100</u>	<u>Ø</u>	<u>Ø</u>	
<u>868</u>	<u>Feet of OCWM</u>	<u>2</u>	<u>58</u>	<u>40</u>	
<u>60</u>	<u>Feet of OCW</u>	<u>2</u>	<u>98</u>		
<u>60</u>	<u>Feet of SW</u>		<u>100</u>		

Rec Total 1033 BHT 120 Gravity 33 API RW 1.692 @ 54.4 °F Chlorides 14000 ppm

(A) Initial Hydrostatic <u>2007</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>01:30</u>
(B) First Initial Flow <u>99</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>03:11</u>
(C) First Final Flow <u>326</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>05:27</u>
(D) Initial Shut-In <u>1110</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>07:57</u>
(E) Second Initial Flow <u>331</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>09:47</u>
(F) Second Final Flow <u>499</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT = \$75.00/-</u>	Comments
(G) Final Shut-In <u>1094</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1986</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1550</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>\$1550.00/-</u>	

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65576**

Well Name & No. Janice #8-1 Test No. 2 Date 10-~~20~~<sup>23</sup>-16  
 Company Stratakan Exploration LLC Elevation 3142 KB 3137 GL  
 Address 204 W. Mill St. Plainville KS 67663  
 Co. Rep / Geo. Marc Downing Rig WW 2  
 Location: Sec. 6 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4136-4158 Zone Tested E  
 Anchor Length 22 Drill Pipe Run 4032 Mud Wt. 9.3  
 Top Packer Depth 4131 Drill Collars Run 119 Vis 65  
 Bottom Packer Depth 4136 Wt. Pipe Run Ø WL 8.8  
 Total Depth 4158 Chlorides 2000 ppm System LCM 2  
 Blow Description IF: BOB in 14 Min  
IS: No Return Blow  
FF: BOB in 16 Min  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Free oil</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>278</u>	<u>OCWM</u>	<u>2</u>	<u>38</u>	<u>60</u>	<u>0</u>
<u>119</u>	<u>SW</u>	<u>0</u>	<u>100</u>	<u>0</u>	<u>0</u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

Rec Total 427 BHT 123 Gravity 29 API RW 721 @ 56.1° F Chlorides 14500 ppm

- (A) Initial Hydrostatic 2038
- (B) First Initial Flow 19
- (C) First Final Flow 133
- (D) Initial Shut-In 1144
- (E) Second Initial Flow 139
- (F) Second Final Flow 212
- (G) Final Shut-In 1137
- (H) Final Hydrostatic 2037

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 30  
 Final Shut-In 45

Test \$1150.00/- T-On Location 18:20  
 Jars \_\_\_\_\_ T-Started 18:48  
 Safety Joint \_\_\_\_\_ T-Open 20:27  
 Circ Sub NC T-Pulled 22:57  
 Hourly Standby \_\_\_\_\_ T-Out 00:52  
 Mileage 100RT = \$75.00/- Comments \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total \$1225.00/-

Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1225  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_

Our Representative Mike Roberts

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65577**

Well Name & No. Janice #8-1 Test No. 3 Date 10-24-16  
 Company Stratakan Exploration LLC Elevation 3142 KB 3137 GL  
 Address 204 W. Mill St. Plainville KS 67663  
 Co. Rep / Geo. Marc Downing Rig NW 2  
 Location: Sec. 6 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4221-4257 Zone Tested H  
 Anchor Length 36 Drill Pipe Run 4102 Mud Wt. 9.3  
 Top Packer Depth 4216 Drill Collars Run 119 Vis 51  
 Bottom Packer Depth 4221 Wt. Pipe Run Ø WL 7.6  
 Total Depth 4257 Chlorides 4500 ppm System LCM 4  
 Blow Description IF: Built to 6" Blow  
IS: No Return Blow  
FF: BOB in 38 Min  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>OCwm</u>	<u>2</u>	<u>38</u>	<u>60</u>	
<u>372</u>	<u>WCM</u>		<u>40</u>	<u>60</u>	
<u>367</u>	<u>SW</u>		<u>100</u>		

Rec Total 749 BHT 124 Gravity — API RW 779 @ 65.7 °F Chlorides 19500 ppm  
 (A) Initial Hydrostatic 2089  Test \$1150.00/- T-On Location 12:20  
 (B) First Initial Flow 31  Jars — T-Started 13:51  
 (C) First Final Flow 233  Safety Joint — T-Open 15:37  
 (D) Initial Shut-In 1117  Circ Sub NC T-Pulled 18:37  
 (E) Second Initial Flow 235  Hourly Standby — T-Out 20:31  
 (F) Second Final Flow 363  Mileage 100 RT = \$75.00/- Comments —  
 (G) Final Shut-In 1111  Sampler —  
 (H) Final Hydrostatic 2077  Straddle —  Ruined Shale Packer —  
 Shale Packer —  Ruined Packer —  
 Extra Packer —  Extra Copies —  
 Extra Recorder — Sub Total 0  
 Day Standby — Total 1225  
 Accessibility — MP/DST Disc't —  
 Sub Total \$1225.00/-

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65578**

Well Name & No. Janice #8-1 Test No. 4 Date 10-26-16  
 Company Stratakan Exploration LLC Elevation 3142 KB 3137 GL  
 Address 204 W. Mill St. Plainville KS 67663  
 Co. Rep / Geo. Marc Downing Rig WW2  
 Location: Sec. 6 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4581-4670 Zone Tested Johnson  
 Anchor Length 89 Drill Pipe Run 4444 Mud Wt. 9.5  
 Top Packer Depth 4576 Drill Collars Run 119 Vis 52  
 Bottom Packer Depth 4581 Wt. Pipe Run 6 WL 8.0  
 Total Depth 4670 Chlorides 11000 ppm System LCM 4  
 Blow Description IF: BOB IN 2 Min  
IS: No Return Blow  
FF: BOB IN 4 Min  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>0cm</u>	<u>3</u>		<u>97</u>	
<u>310</u>	<u>WCOM</u>	<u>3</u>	<u>2</u>	<u>95</u>	
<u>620</u>	<u>MCW</u>		<u>70</u>	<u>30</u>	
<u>305</u>	<u>SW</u>		<u>100</u>		
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1607 BHT 131 Gravity NA API RW 387 @ 82.4 °F Chlorides 17000 ppm

(A) Initial Hydrostatic <u>2436</u>	<input checked="" type="checkbox"/> Test <u>\$ 1150.00</u>	T-On Location <u>06:50</u>
(B) First Initial Flow <u>178</u>	<input checked="" type="checkbox"/> Jars <u>\$ 250.00</u>	T-Started <u>07:26</u>
(C) First Final Flow <u>573</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$ 75.00/-</u>	T-Open <u>09:13</u>
(D) Initial Shut-In <u>890.</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>12:13</u>
(E) Second Initial Flow <u>583</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:13</u>
(F) Second Final Flow <u>803:</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT = \$ 75.00/-</u>	Comments
(G) Final Shut-In <u>905.</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2377</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1550</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>\$ 1550.00/-</u>	

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65579**

Well Name & No. Janice # 8-1 Test No. 5 Date 10-27-16  
 Company Stratakan Exploration Elevation 3142 KB 3137 GL  
 Address 204 W. Mill St. Plainville KS 67463  
 Co. Rep / Geo. Marc Downing Rig WW2  
 Location: Sec. 6 Twp. 12 Rge. 33 Co. Logan State KS

Interval Tested 4602-4654- Zone Tested Johnson  
 Anchor Length 52 Drill Pipe Run 4474 Mud Wt. 9.3  
 Top Packer Depth 4597 Drill Collars Run 119 Vis 56  
 Bottom Packer Depth 4602 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4755 Chlorides 8000 ppm System LCM 4  
 Blow Description IF: BOB in 4 Min.  
IS: No Return Blow  
FF: BOB in 8 Min.  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>Free Oil</u>	<u>100</u>			
<u>310</u>	<u>OCWM</u>	<u>2</u>	<u>48</u>	<u>50</u>	
<u>930</u>	<u>OCMLW</u>	<u>2</u>	<u>78</u>	<u>20</u>	
<u>119</u>	<u>SW</u>		<u>100</u>		

Rec Total 1384 BHT 131 Gravity 31 API RW 372 @ 81.4°F Chlorides 17000 ppm

(A) Initial Hydrostatic <u>2422</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>11:50</u>
(B) First Initial Flow <u>63</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>13:52</u>
(C) First Final Flow <u>398</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>16:00</u>
(D) Initial Shut-In <u>886</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>19:00</u>
(E) Second Initial Flow <u>396</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:42</u>
(F) Second Final Flow <u>657</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT \$75.00/-</u>	Comments
(G) Final Shut-In <u>883</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2364</u>	<input checked="" type="checkbox"/> Straddle <u>\$600.00/-</u>	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Total <u>2150</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't
	<input type="checkbox"/> Accessibility	
	Sub Total <u>\$2150.00/-</u>	

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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