

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

Start Date: 2014.05.15 @ 14:26:09

End Date: 2014.05.15 @ 21:30:09

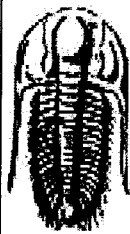
Job Ticket #: 59053 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Red Oak Energy
26-11s-32w Logan,KS
Weber #1-26
DST # 1
E
2014.05.15



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan, KS

Weber #1-26

Job Ticket: 59053

DST#: 1

Test Start: 2014.05.15 @ 14:26:09

GENERAL INFORMATION:

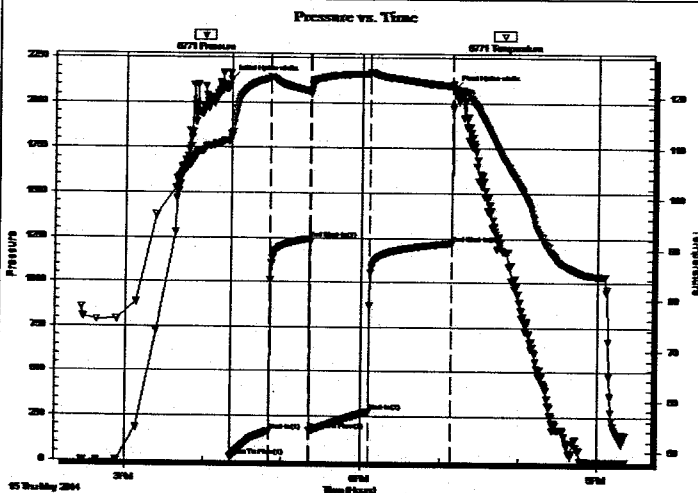
Formation: E
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:20:24
Time Test Ended: 21:30:09
Interval: 4125.00 ft (KB) To 4136.00 ft (KB) (TVD)
Total Depth: 4136.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3031.00 ft (KB)
3020.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: 279.24 psig @ 4126.00 ft (KB)
Start Date: 2014.05.15 End Date: 2014.05.15
Start Time: 14:26:09 End Time: 21:21:09
Capacity: 8000.00 psig
Last Calib.: 2014.05.15
Time On Btm: 2014.05.15 @ 16:19:54
Time Off Btm: 2014.05.15 @ 19:09:39

TEST COMMENT: B.O.B. in 24 min.
No return
B.O.B. in 26 min.
No return



PRESSURE SUMMARY

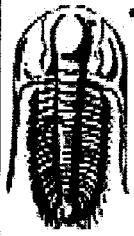
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.33	112.75	Initial Hydro-static
1	23.36	112.05	Open To Flow (1)
31	166.71	123.63	Shut-In(1)
61	1243.99	121.13	End Shut-In(1)
61	168.44	120.65	Open To Flow (2)
106	279.24	124.61	Shut-In(2)
169	1221.85	122.27	End Shut-In(2)
170	2079.76	121.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	water w/oil spots 100%w	3.74
130.00	s m c w w/oil spots 10%w 90%w	1.82
0.00	show of free oil on top 2" in	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

Red Oak Energy
 7701 E Kellogg Dr. Ste 710
 Wichita, KS 67207-1738
 ATTN: Sean Deenihan

26-11s-32w Logan,KS

Weber #1-26
 Job Ticket: 59053 DST#: 1
 Test Start: 2014.05.15 @ 14:26:09

GENERAL INFORMATION:

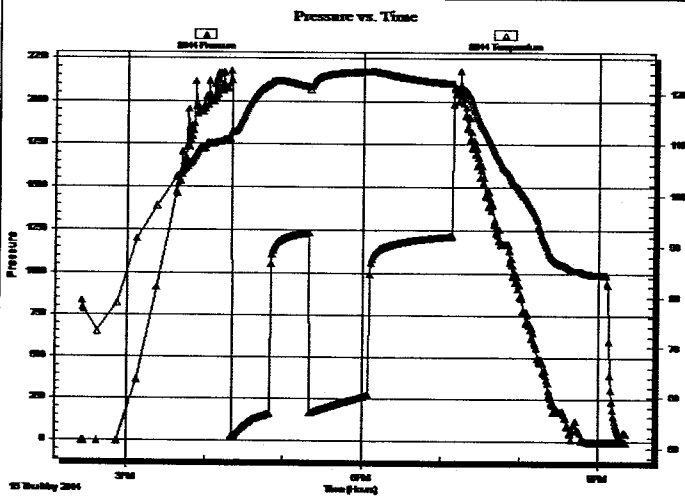
Formation: E
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:20:24
 Time Test Ended: 21:30:09
 Interval: **4125.00 ft (KB) To 4136.00 ft (KB) (TVD)**
 Total Depth: 4136.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3031.00 ft (KB)
 3020.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8844

Outside

Press@RunDepth: psig @ 4126.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.15 End Date: 2014.05.15 Last Calib.: 2014.05.15
 Start Time: 14:25:54 End Time: 21:20:39 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. in 24 min.
 No return
 B.O.B. in 26 min.
 No return



PRESSURE SUMMARY

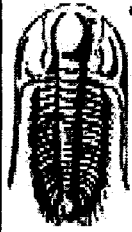
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
420.00	water w/oil spots 100%w	3.74
130.00	s m c w w/oil spots 10%w 90%w	1.82
0.00	show of free oil on top 2" in	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59053 **DST#: 1**
Test Start: 2014.05.15 @ 14:26:09

Tool Information

Drill Pipe:	Length: 3879.00 ft	Diameter: 3.80 inches	Volume: 54.41 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: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 55.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4125.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4098.00	
Shut In Tool	5.00			4103.00	
Hydraulic tool	5.00			4108.00	
Jars	5.00			4113.00	
Safety Joint	3.00			4116.00	
Packer	5.00			4121.00	28.00 Bottom Of Top Packer
Packer	4.00			4125.00	
Stubb	1.00			4126.00	
Recorder	0.00	6771	Inside	4126.00	
Recorder	0.00	8844	Outside	4126.00	
Perforations	5.00			4131.00	
Bullnose	5.00			4136.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59053 **DST#: 1**
Test Start: 2014.05.15 @ 14:26:09

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:	26500 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.14 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 2.00 inches			

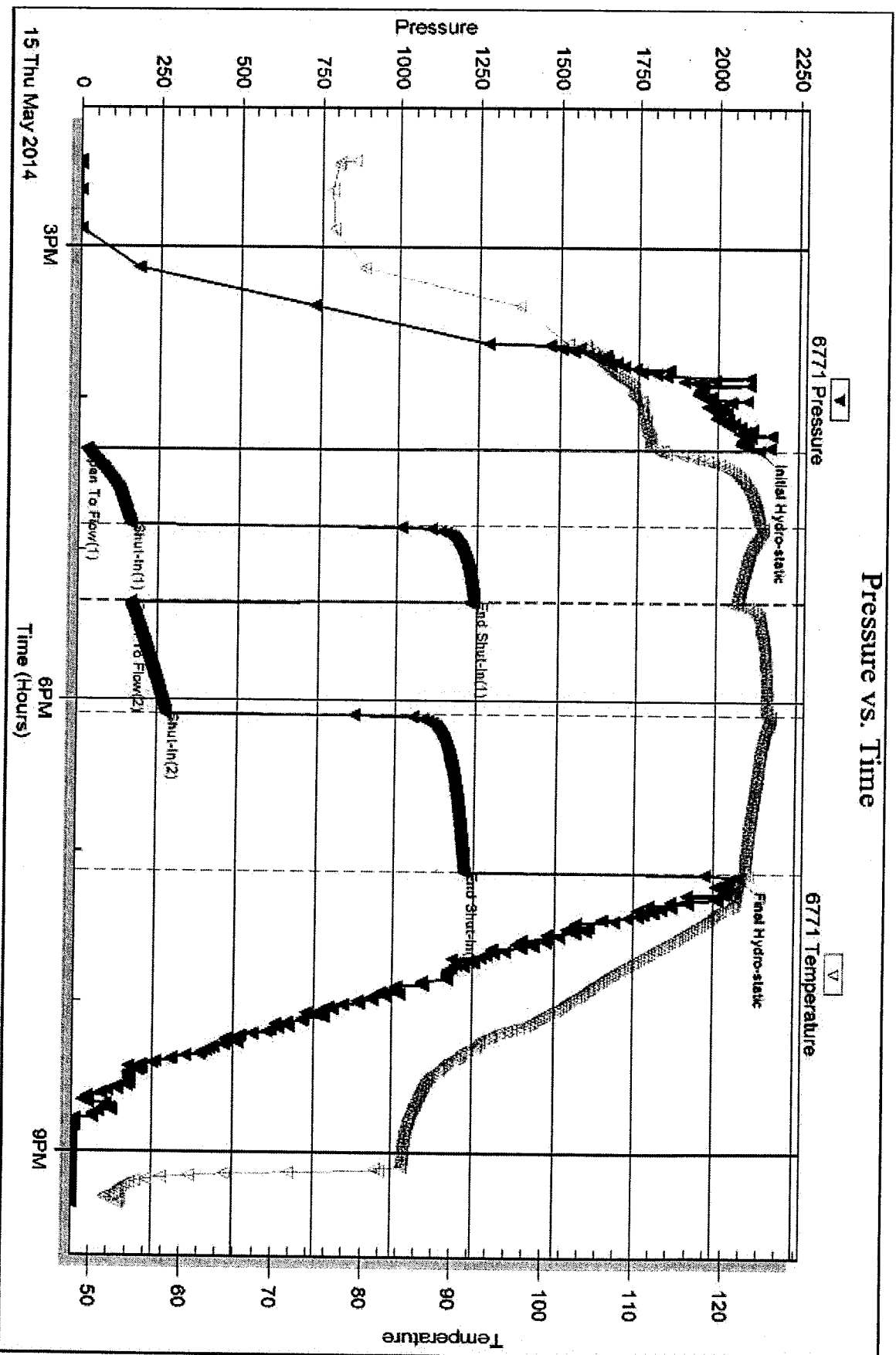
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	water w/oil spots 100%w	3.742
130.00	s m c w w/oil spots 10%m 90%w	1.824
0.00	show of free oil on top 2" in	0.000

Total Length: 550.00 ft Total Volume: 5.566 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw .335 @ 57*f = 26,500

Pressure vs. Time

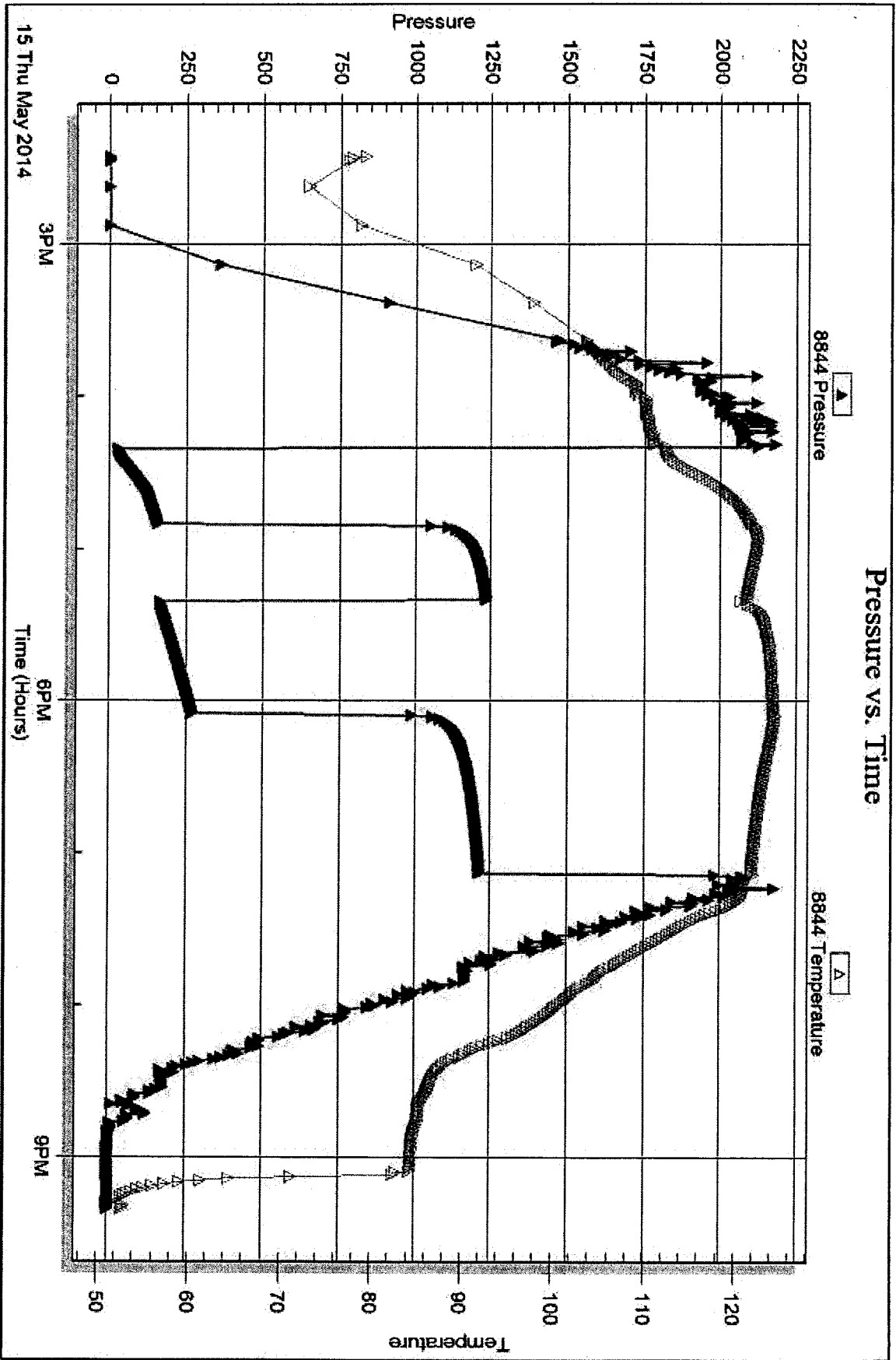


Serial #: 8844

Outside Red Oak Energy

Weber #1-26

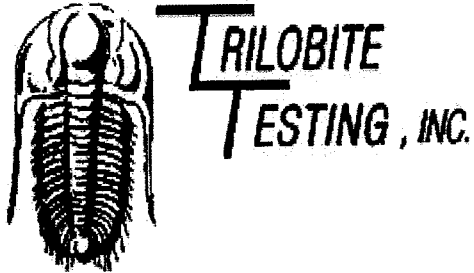
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 59053

Printed: 2014.05.21 @ 09:47:30



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

Start Date: 2014.05.16 @ 06:45:17

End Date: 2014.05.16 @ 12:50:32

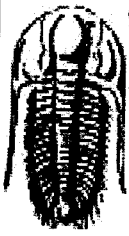
Job Ticket #: 59054 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.21 @ 09:47:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy
 7701 E Kellogg Dr. Ste 710
 Wichita, KS 67207-1738
 ATTN: Sean Deenihan

26-11s-32w Logan,KS

Weber #1-26

Job Ticket: 59055

DST#: 3

Test Start: 2014.05.16 @ 18:35:28

GENERAL INFORMATION:

Formation: I
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:35:43
 Time Test Ended: 00:29:13

Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55

Interval: 4224.00 ft (KB) To 4248.00 ft (KB) (TVD)
 Total Depth: 4248.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

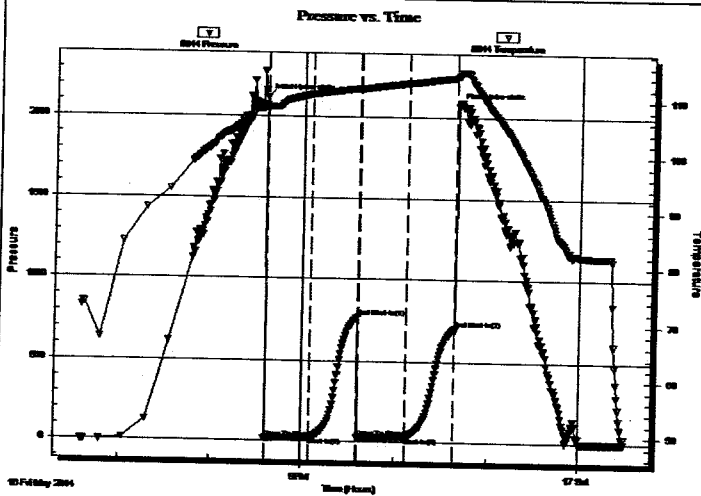
Reference Elevations: 3031.00 ft (KB)
 3020.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8844 Outside

Press@RunDepth: 32.30 psig @ 4225.00 ft (KB)
 Start Date: 2014.05.16 End Date: 2014.05.17
 Start Time: 18:35:28 End Time: 00:29:13

Capacity: 8000.00 psig
 Last Calib.: 2014.05.17
 Time On Btm: 2014.05.16 @ 20:35:28
 Time Off Btm: 2014.05.16 @ 22:38:58

TEST COMMENT: 3/4" blow
 No return
 1 1/8" blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.45	109.05	Initial Hydro-static
1	16.03	108.20	Open To Flow (1)
30	23.35	111.05	Shut-in(1)
60	772.76	112.09	End Shut-in(1)
61	25.51	111.85	Open To Flow (2)
91	32.30	113.09	Shut-in(2)
123	703.81	114.13	End Shut-in(2)
124	2074.55	114.46	Final Hydro-static

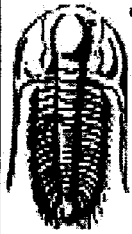
Recovery

Length (ft)	Description	Volume (bbl)
30.00	s g o c m 3%g 27%o 70%m	0.15
0.00	150' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

GENERAL INFORMATION:

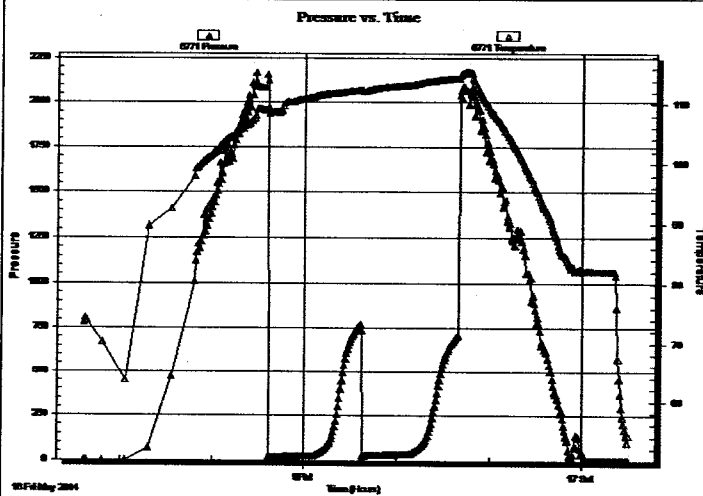
Formation: I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:35:43
Time Test Ended: 00:29:13
Interval: **4224.00 ft (KB) To 4248.00 ft (KB) (TVD)**
Total Depth: 4248.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3031.00 ft (KB)
3020.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: psig @ 4225.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.16 End Date: 2014.05.17 Last Calib.: 2014.05.17
Start Time: 18:36:11 End Time: 00:30:11 Time On Btm:
Time Off Btm:

TEST COMMENT: 3/4" blow
No return
1 1/8" blow
No return



PRESSURE SUMMARY

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

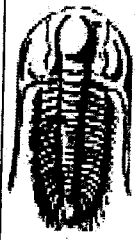
Recovery

Length (ft)	Description	Volume (bbl)
30.00	s g o c m 3%g 27%o 70%m	0.15
0.00	150' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

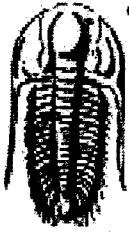
Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 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: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 56.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4224.00 ft			Final 74000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4197.00	
Shut In Tool	5.00			4202.00	
Hydraulic tool	5.00			4207.00	
Jars	5.00			4212.00	
Safety Joint	3.00			4215.00	
Packer	5.00			4220.00	28.00 Bottom Of Top Packer
Packer	4.00			4224.00	
Stubb	1.00			4225.00	
Recorder	0.00	6771	Inside	4225.00	
Recorder	0.00	8844	Outside	4225.00	
Perforations	18.00			4243.00	
Bullnose	5.00			4248.00	24.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

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:	0 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.76 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	s g o c m 3%g 27%o 70%m	0.148
0.00	150' weak gas in pipe	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

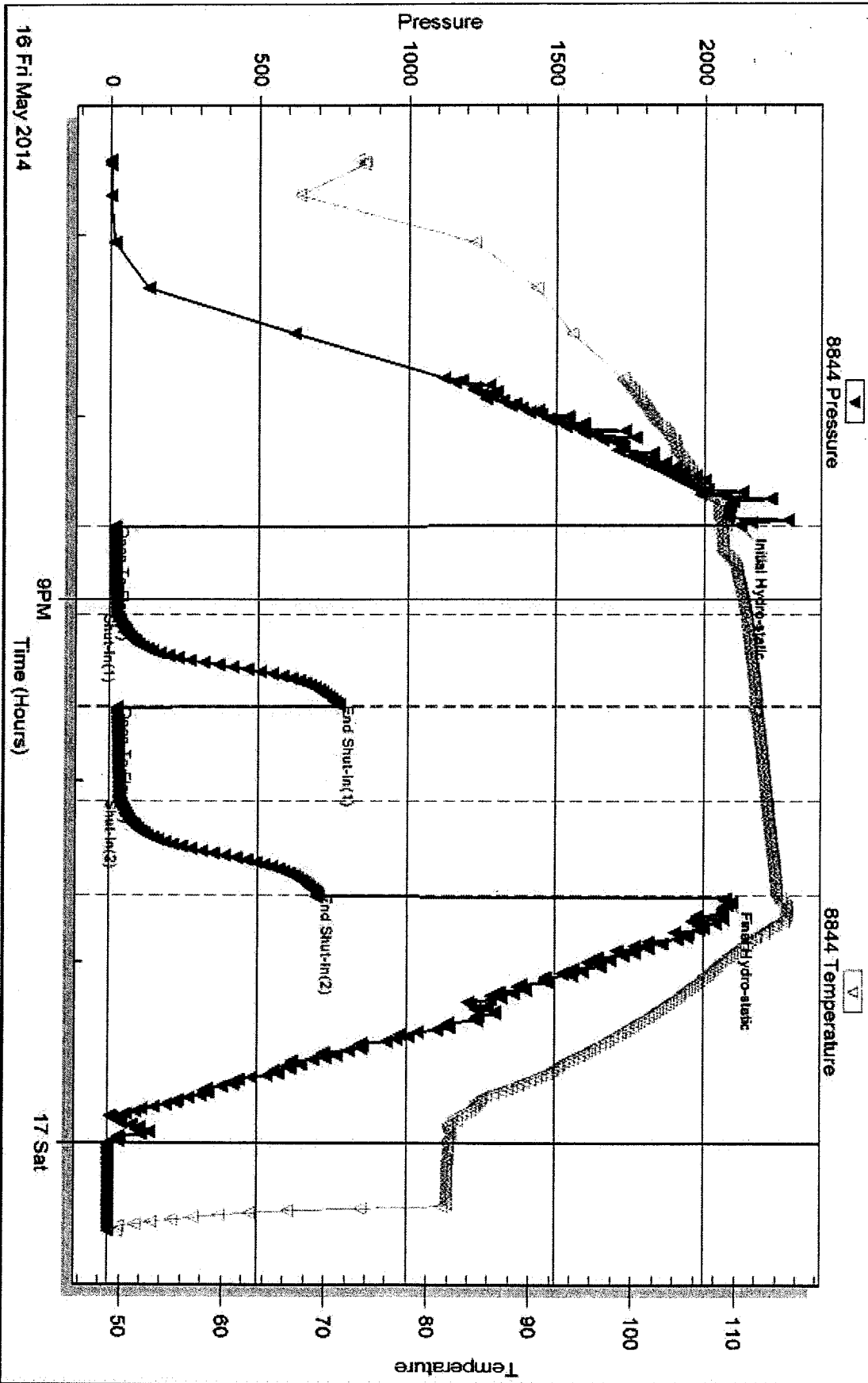
Serial #: 8844

Outside Red Oak Energy

Weber #1-26

DST Test Number: 3

Pressure vs. Time



T-Mobile Testing, Inc

Ref. No: 59055

Printed: 2014.05.21 @ 09:48:40

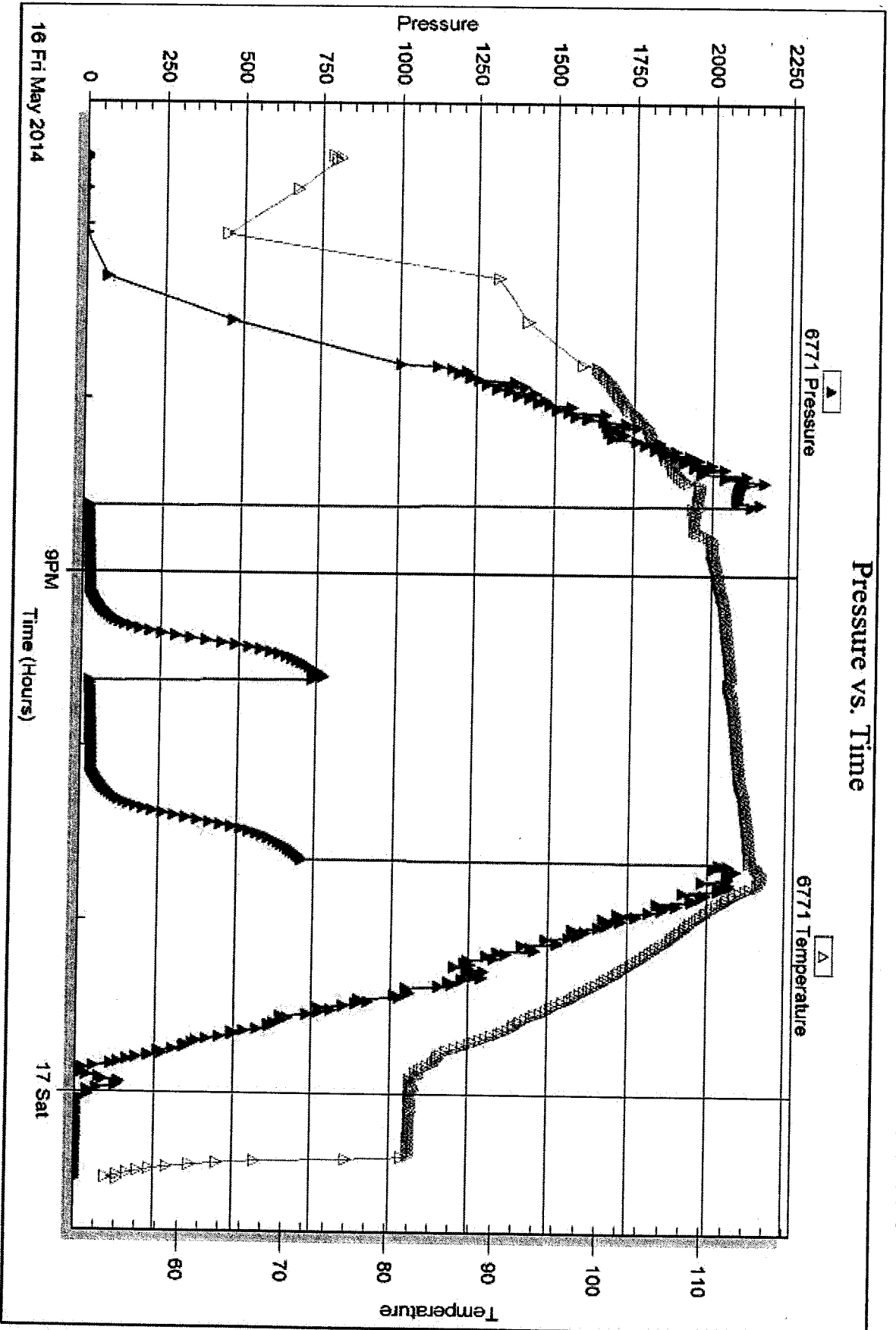
Serial #: 6771

Inside

Red Oak Energy

Weber #1-26

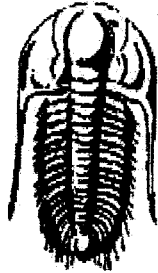
DST Test Number: 3



Traffic Testing, Inc

Ref. No: 59055

Printed: 2014.05.21 @ 09:48:40



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

Start Date: 2014.05.16 @ 18:35:28

End Date: 2014.05.17 @ 00:29:13

Job Ticket #: 59055 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Red Oak Energy

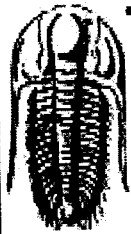
26-11s-32w Logan,KS

Weber #1-26

DST # 3

1

2014.05.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan, KS

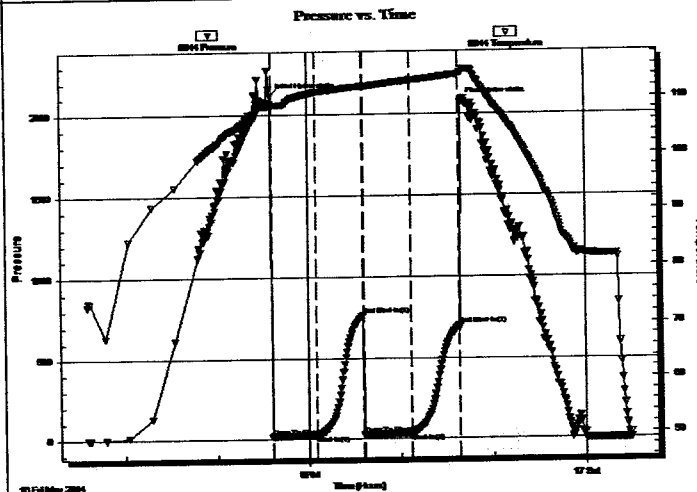
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

GENERAL INFORMATION:

Formation: I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:35:43
Time Test Ended: 00:29:13
Interval: **4224.00 ft (KB) To 4248.00 ft (KB) (TVD)**
Total Depth: 4248.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3031.00 ft (KB)
3020.00 ft (CF)
KB to GRVCF: 11.00 ft

Serial #: 8844 Outside
Press@RunDepth: 32.30 psig @ 4225.00 ft (KB)
Start Date: 2014.05.16 End Date: 2014.05.17
Start Time: 18:35:28 End Time: 00:29:13
Capacity: 8000.00 psig
Last Calib.: 2014.05.17
Time On Btm: 2014.05.16 @ 20:35:28
Time Off Btm: 2014.05.16 @ 22:38:58

TEST COMMENT: 3/4" blow
No return
1 1/8" blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.45	109.05	Initial Hydro-static
1	16.03	108.20	Open To Flow (1)
30	23.35	111.05	Shut-In(1)
60	772.76	112.09	End Shut-In(1)
61	25.51	111.85	Open To Flow (2)
91	32.30	113.09	Shut-In(2)
123	703.81	114.13	End Shut-In(2)
124	2074.55	114.46	Final Hydro-static

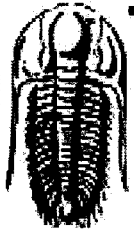
Recovery

Length (ft)	Description	Volume (bbl)
30.00	s g o c m 3%g 27%o 70%m	0.15
0.00	150' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

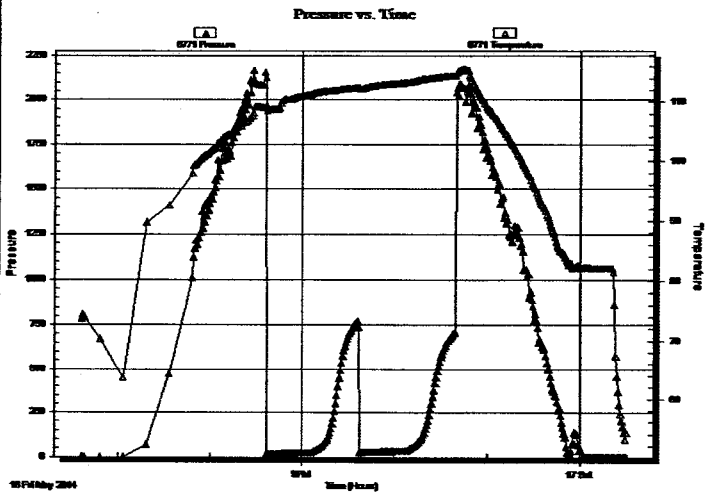
26-11s-32w Logan, KS
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

GENERAL INFORMATION:

Formation: **I**
Deviated: **No Whipstock:** ft (KB)
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Time Test Ended: 00:29:13
Interval: **4224.00 ft (KB) To 4248.00 ft (KB) (TVD)**
Total Depth: 4248.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3031.00 ft (KB)
3020.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771 Inside
Press@RunDepth: psig @ 4225.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.16 End Date: 2014.05.17 Last Calib.: 2014.05.17
Start Time: 18:36:11 End Time: 00:30:11 Time On Btm:
Time Off Btm:

TEST COMMENT: 3/4" blow
No return
1 1/8" blow
No return



PRESSURE SUMMARY

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

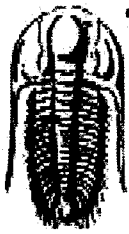
Recovery

Length (ft)	Description	Volume (bbl)
30.00	s g o c m 3%g 27%o 70%m	0.15
0.00	150' weak gas in pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan, KS
Weber #1-26
Job Ticket: 59055 **DST#: 3**
Test Start: 2014.05.16 @ 18:35:28

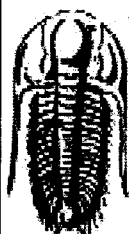
Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 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: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 56.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4224.00 ft			Final 74000.00 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
Change Over Sub	1.00			4197.00	
Shut In Tool	5.00			4202.00	
Hydraulic tool	5.00			4207.00	
Jars	5.00			4212.00	
Safety Joint	3.00			4215.00	
Packer	5.00			4220.00	28.00 Bottom Of Top Packer
Packer	4.00			4224.00	
Stubb	1.00			4225.00	
Recorder	0.00	6771	Inside	4225.00	
Recorder	0.00	8844	Outside	4225.00	
Perforations	18.00			4243.00	
Bullnose	5.00			4248.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

26-11s-32w Logan, KS

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

Weber #1-26

Job Ticket: 59055

DST#: 3

ATTN: Sean Deenihan

Test Start: 2014.05.16 @ 18:35:28

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 6.76 in³

Resistivity: 0.00 ohm.m

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	s g o c m 3%g 27%o 70%m	0.148
0.00	150' weak gas in pipe	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

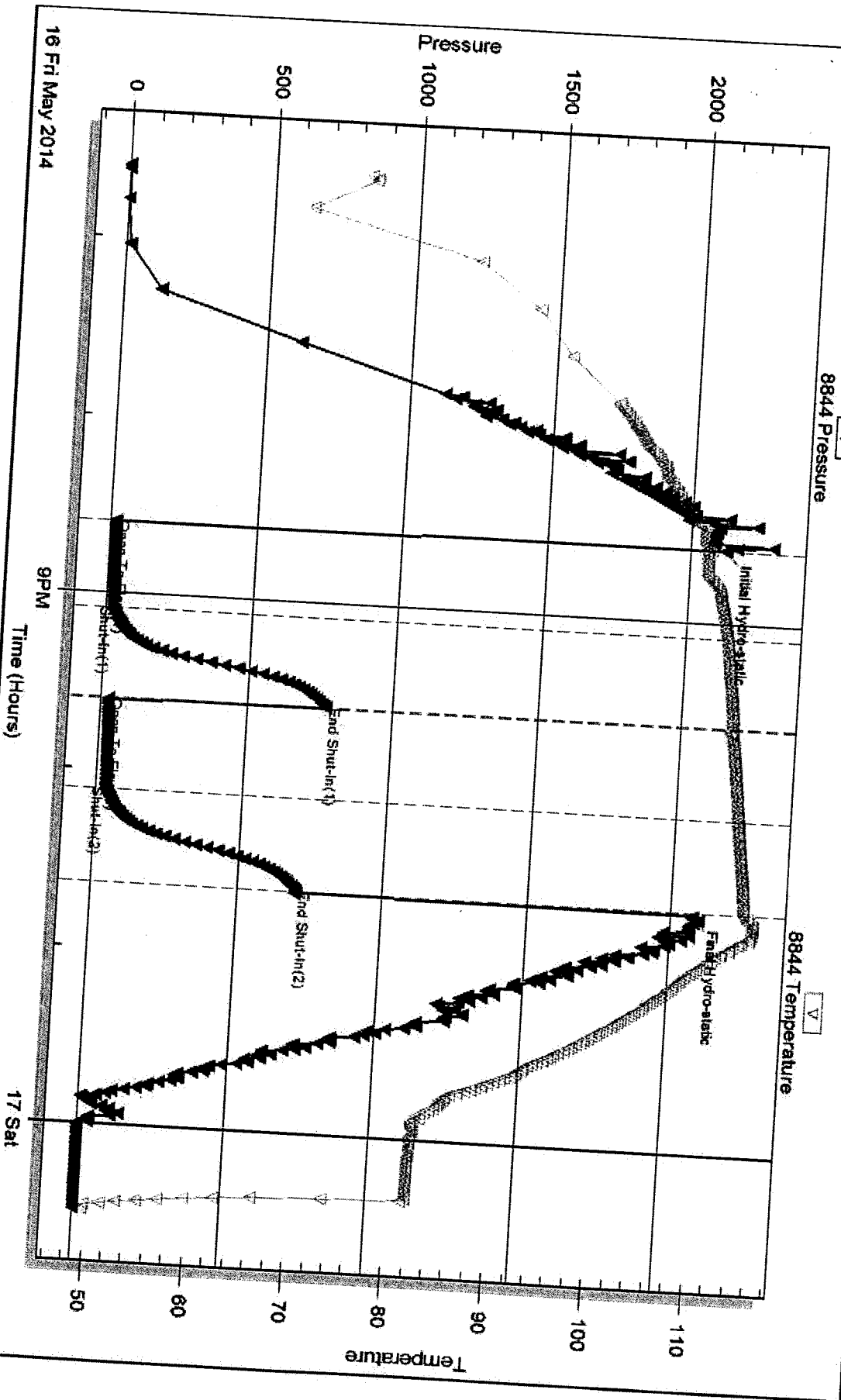
Serial #: 8844

Outside Red Oak Energy

Weber #1-26

DST Test Number: 3

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 58055

Printed: 2014.05.21 @ 08:48:40

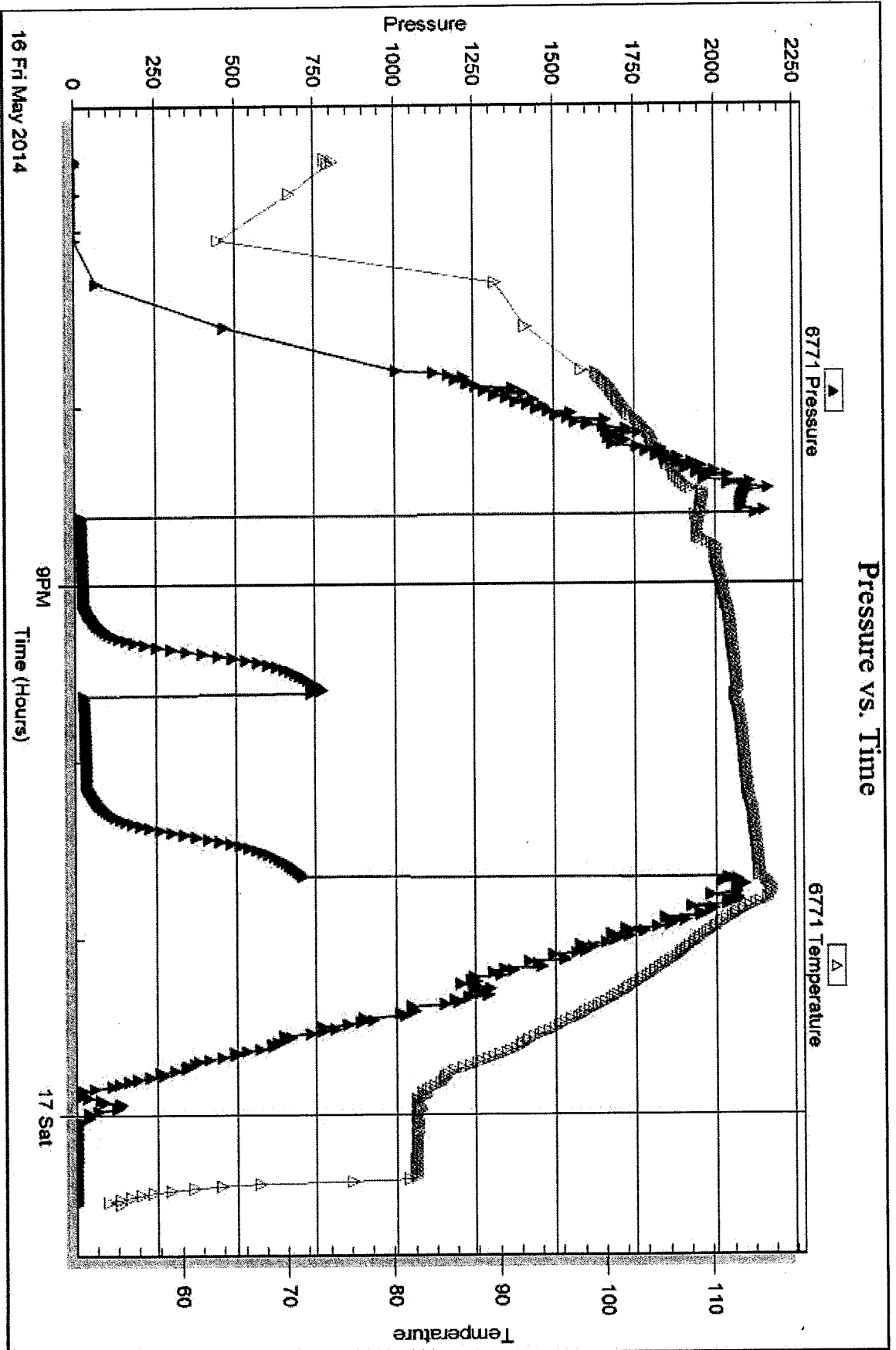
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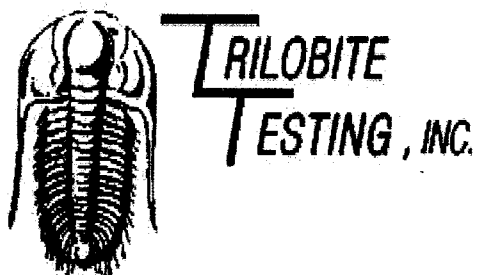
Inside

Rad Oak Energy

Weber #1-26

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

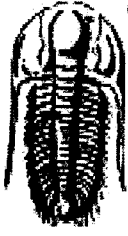
Start Date: 2014.05.17 @ 07:01:00

End Date: 2014.05.17 @ 14:44:30

Job Ticket #: 59056 DST #: 4

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

Printed: 2014.05.21 @ 09:46:15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59056 **DST#: 4**
Test Start: 2014.05.17 @ 07:01:00

GENERAL INFORMATION:

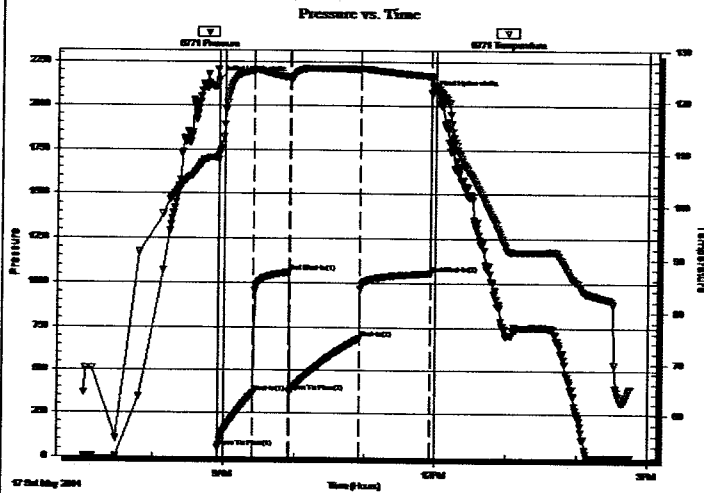
Formation: **J**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 08:54:45
Time Test Ended: 14:44:30
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Shane McBride**
Unit No: **55**
Interval: **4249.00 ft (KB) To 4278.00 ft (KB) (TVD)**
Total Depth: **4278.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Reference Elevations: **3031.00 ft (KB)**
3020.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6771

Inside

Press@RunDepth: **689.58 psig @ 4250.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2014.05.17** End Date: **2014.05.17** Last Calib.: **2014.05.17**
Start Time: **07:01:00** End Time: **14:44:30** Time On Btm: **2014.05.17 @ 08:54:30**
Time Off Btm: **2014.05.17 @ 11:56:00**

TEST COMMENT: B.O.B. in 5 min.
7 1/2" return blow
B.O.B. in 2 min.
B.O.B. return in 43 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2146.71	109.81	Initial Hydro-static
1	53.54	108.93	Open To Flow (1)
30	363.73	125.98	Shut-In(1)
60	1058.60	124.69	End Shut-In(1)
61	370.44	124.35	Open To Flow (2)
121	689.58	126.35	Shut-In(2)
181	1055.98	125.02	End Shut-In(2)
182	2073.30	124.68	Final Hydro-static

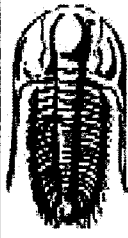
Recovery

Length (ft)	Description	Volume (bbl)
126.00	under circ sub s g & o c w 5g 3o 92w	0.62
432.00	s g & o c w 5g 5o 90w	5.06
620.00	s g o & m c w 5g 10o 15m 70w	8.70
268.00	c g o 20g 80o	3.76
0.00	660' gas in pipe	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Red Oak Energy
 7701 E Kellogg Dr. Ste 710
 Wichita, KS 67207-1738
 ATTN: Sean Deenihan

26-11s-32w Logan, KS
Weber #1-26
 Job Ticket: 59056 **DST#: 4**
 Test Start: 2014.05.17 @ 07:01:00

GENERAL INFORMATION:

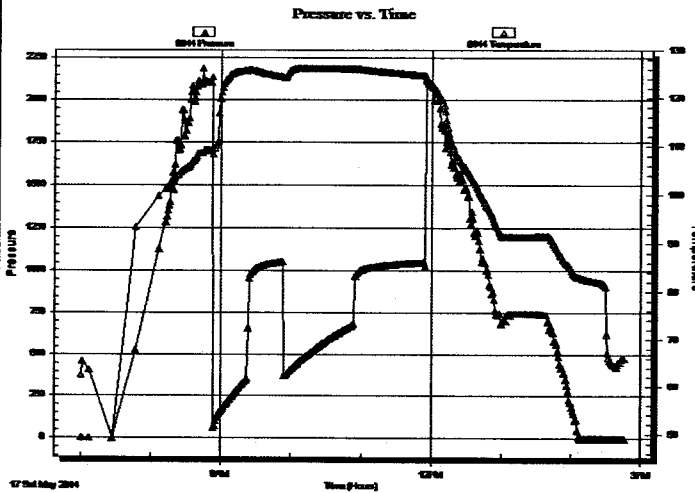
Formation: **J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:54:45
 Time Test Ended: 14:44:30
 Interval: **4249.00 ft (KB) To 4278.00 ft (KB) (TVD)**
 Total Depth: **4278.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 3031.00 ft (KB)
 3020.00 ft (CF)
 KB to GR/CF: 11.00 ft
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55

Serial #: 8844

Outside

Press@RunDepth: psig @ 4250.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.17 End Date: 2014.05.17 Last Calib.: 2014.05.17
 Start Time: 07:00:20 End Time: 14:46:20 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. in 5 min.
 7 1/2" return blow
 B.O.B. in 2 min.
 B.O.B. return in 43 min.



PRESSURE SUMMARY

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

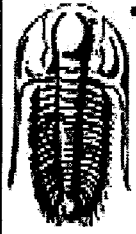
Recovery

Length (ft)	Description	Volume (bbl)
126.00	under circ sub s g & o c w 5g 3o 92w	0.62
432.00	s g & o c w 5g 5o 90w	5.06
620.00	s g o & m c w 5g 10o 15m 70w	8.70
268.00	c g o 20g 80o	3.76
0.00	660' gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59056 **DST#: 4**
Test Start: 2014.05.17 @ 07:01:00

Tool Information

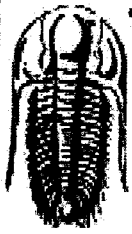
Drill Pipe:	Length: 4007.00 ft	Diameter: 3.80 inches	Volume: 56.21 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4249.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	57.00 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			4222.00	
Shut In Tool	5.00			4227.00	
Hydraulic tool	5.00			4232.00	
Jars	5.00			4237.00	
Safety Joint	3.00			4240.00	
Packer	5.00			4245.00	28.00 Bottom Of Top Packer
Packer	4.00			4249.00	
Stubb	1.00			4250.00	
Recorder	0.00	6771	Inside	4250.00	
Recorder	0.00	8844	Outside	4250.00	
Perforations	23.00			4273.00	
Bullnose	5.00			4278.00	29.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

26-11s-32w Logan, KS

Weber #1-26
Job Ticket: 59056 **DST#: 4**
Test Start: 2014.05.17 @ 07:01:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38500 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.77 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2500.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	under circ sub s g & o c w 5g 3o 92w	0.620
432.00	s g & o c w 5g 5o 90w	5.058
620.00	s g o & m c w 5g 10o 15m 70w	8.697
268.00	c g o 20g 80o	3.759
0.00	660' gas in pipe	0.000

Total Length: 1446.00 ft Total Volume: 18.134 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .215 @ 65*f = 38,500

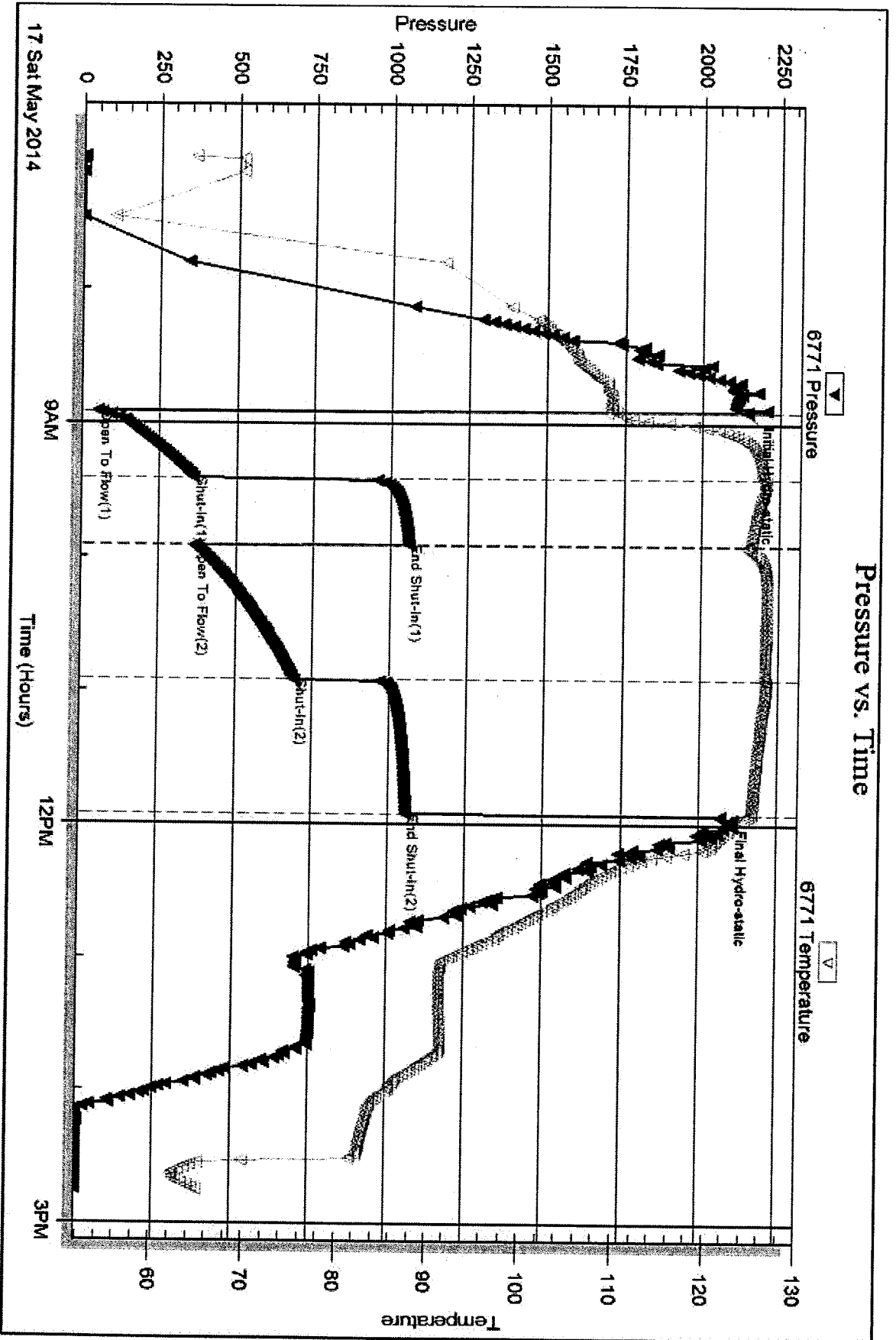
Serial #: 6771

Inside

Red Oak Energy

Weber #1-26

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 58056

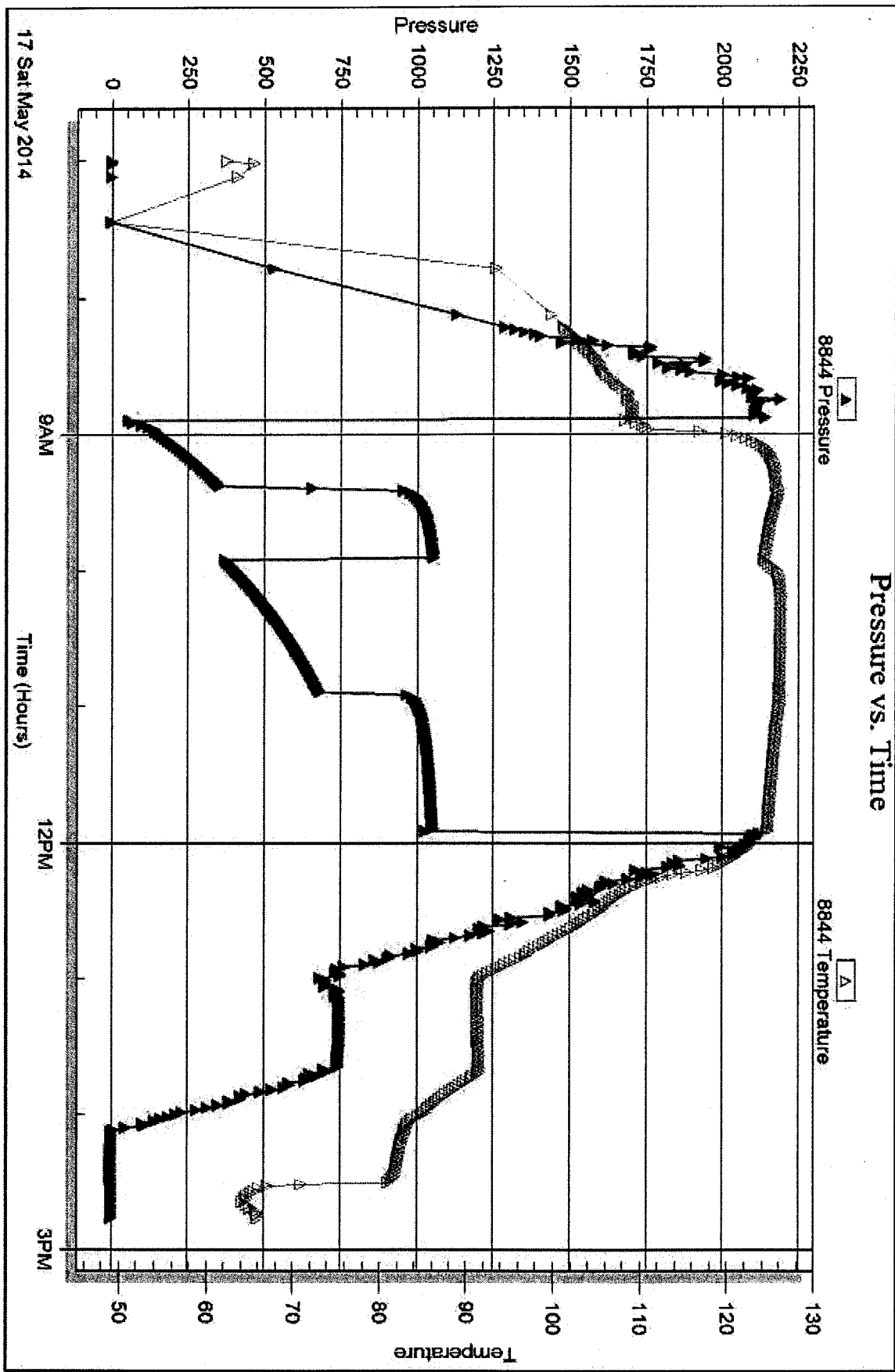
Printed: 2014.05.21 @ 09:46:16

Serial #: 8844

Outside Red Oak Energy

Weber #1-26

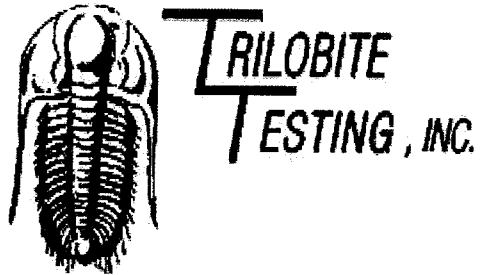
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 59056

Printed: 2014.05.21 @ 09:46:18



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

Start Date: 2014.05.18 @ 11:10:29

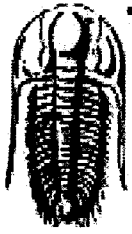
End Date: 2014.05.18 @ 18:13:44

Job Ticket #: 59057 DST #: 5

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

Printed: 2014.05.21 @ 09:45:51

Red Oak Energy 26-11s-32w Logan,KS Weber #1-26 DST # 5 Johnson 2014.05.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

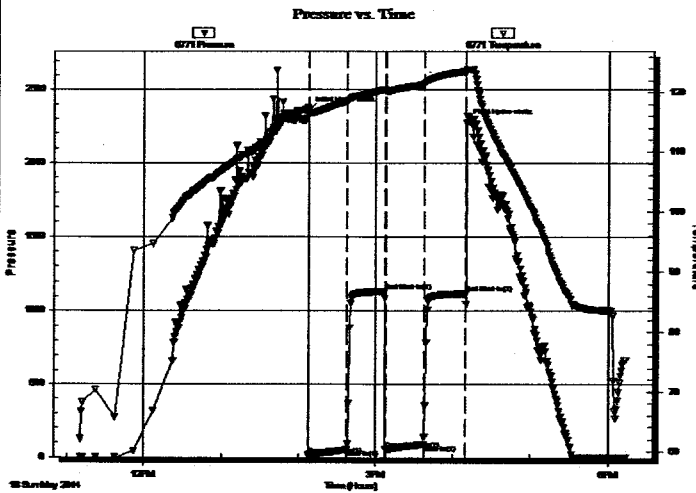
26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59057 **DST#: 5**
Test Start: 2014.05.18 @ 11:10:29

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:07:29
Time Test Ended: 18:13:44
Interval: **4584.00 ft (KB) To 4616.00 ft (KB) (TVD)**
Total Depth: 4616.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3031.00 ft (KB)
3020.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771 Inside
Press@RunDepth: 90.64 psig @ 4585.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.18 End Date: 2014.05.18 Last Calib.: 2014.05.18
Start Time: 11:10:29 End Time: 18:13:44 Time On Btm: 2014.05.18 @ 14:07:14
Time Off Btm: 2014.05.18 @ 16:10:44

TEST COMMENT: 3/4" blow
No return
3/4" blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.91	117.16	Initial Hydro-static
1	20.21	116.29	Open To Flow (1)
31	54.71	118.52	Shut-In(1)
60	1134.49	120.54	End Shut-In(1)
61	58.53	120.19	Open To Flow (2)
91	90.64	121.42	Shut-In(2)
123	1117.93	123.53	End Shut-In(2)
124	2272.13	123.87	Final Hydro-static

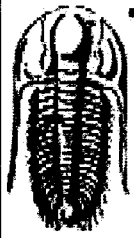
Recovery

Length (ft)	Description	Volume (bbl)
125.00	thick mud w/oil spots 100%am	0.61

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

26-11s-32w Logan,KS

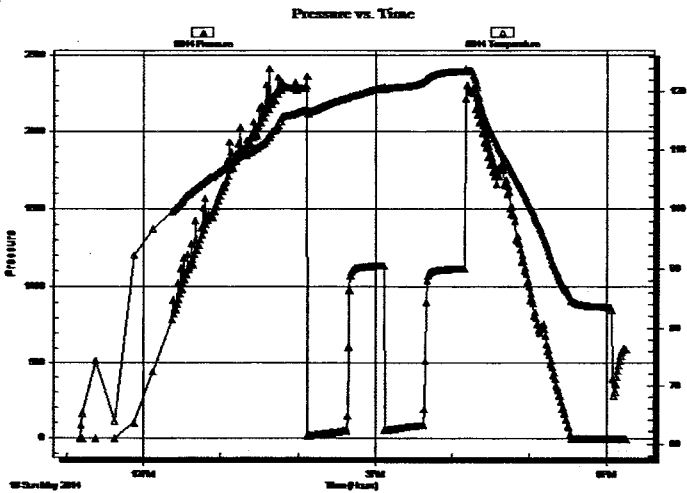
Weber #1-26
Job Ticket: 59057 **DST#: 5**
Test Start: 2014.05.18 @ 11:10:29

GENERAL INFORMATION:

Formation: Johnson	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Shane McBride
Time Tool Opened: 14:07:29	Unit No: 55
Time Test Ended: 18:13:44	
Interval: 4584.00 ft (KB) To 4616.00 ft (KB) (TVD)	Reference Elevations: 3031.00 ft (KB)
Total Depth: 4616.00 ft (KB) (TVD)	3020.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 11.00 ft

Serial #: 8844	Outside		
Press@RunDepth: psig @ 4585.00 ft (KB)	Capacity: 8000.00 psig		
Start Date: 2014.05.18	End Date: 2014.05.18	Last Calib.: 2014.05.18	
Start Time: 11:10:35	End Time: 18:14:05	Time On Btm:	
		Time Off Btm:	

TEST COMMENT: 3/4" blow
No return
3/4" blow
No return



PRESSURE SUMMARY

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

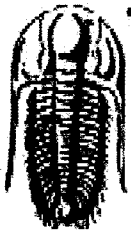
Recovery

Length (ft)	Description	Volume (bbl)
125.00	thick mud w/oil spots 100% m	0.61

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy

26-11s-32w Logan,KS

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

Weber #1-26

Job Ticket: 59057

DST#: 5

ATTN: Sean Deenihan

Test Start: 2014.05.18 @ 11:10:29

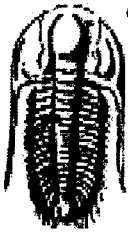
Tool Information

Drill Pipe:	Length: 4348.00 ft	Diameter: 3.80 inches	Volume: 60.99 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: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 93000.00 lb
			Total Volume: 62.15 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4584.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4557.00	
Shut In Tool	5.00			4562.00	
Hydraulic tool	5.00			4567.00	
Jars	5.00			4572.00	
Safety Joint	3.00			4575.00	
Packer	5.00			4580.00	28.00 Bottom Of Top Packer
Packer	4.00			4584.00	
Stubb	1.00			4585.00	
Recorder	0.00	6771	Inside	4585.00	
Recorder	0.00	8844	Outside	4585.00	
Perforations	26.00			4611.00	
Bullnose	5.00			4616.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

26-11s-32w Logan, KS

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

Weber #1-26

Job Ticket: 59057

DST#: 5

ATTN: Sean Deenihan

Test Start: 2014.05.18 @ 11:10:29

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:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	thick mud w /oil spots 100%m	0.615

Total Length: 125.00 ft Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

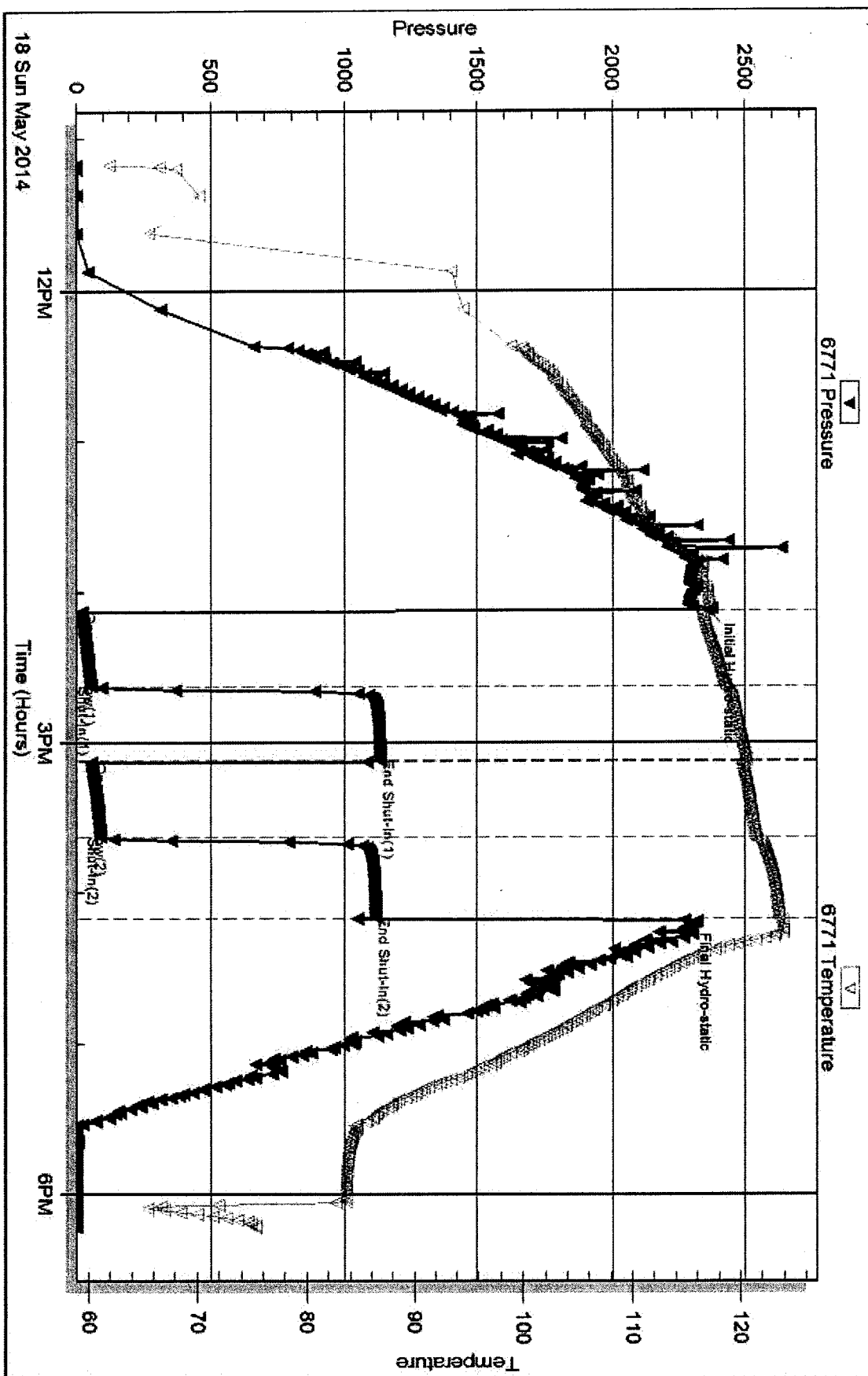
Inside

Red Oak Energy

Weber #1-26

DST Test Number: 5

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 59057

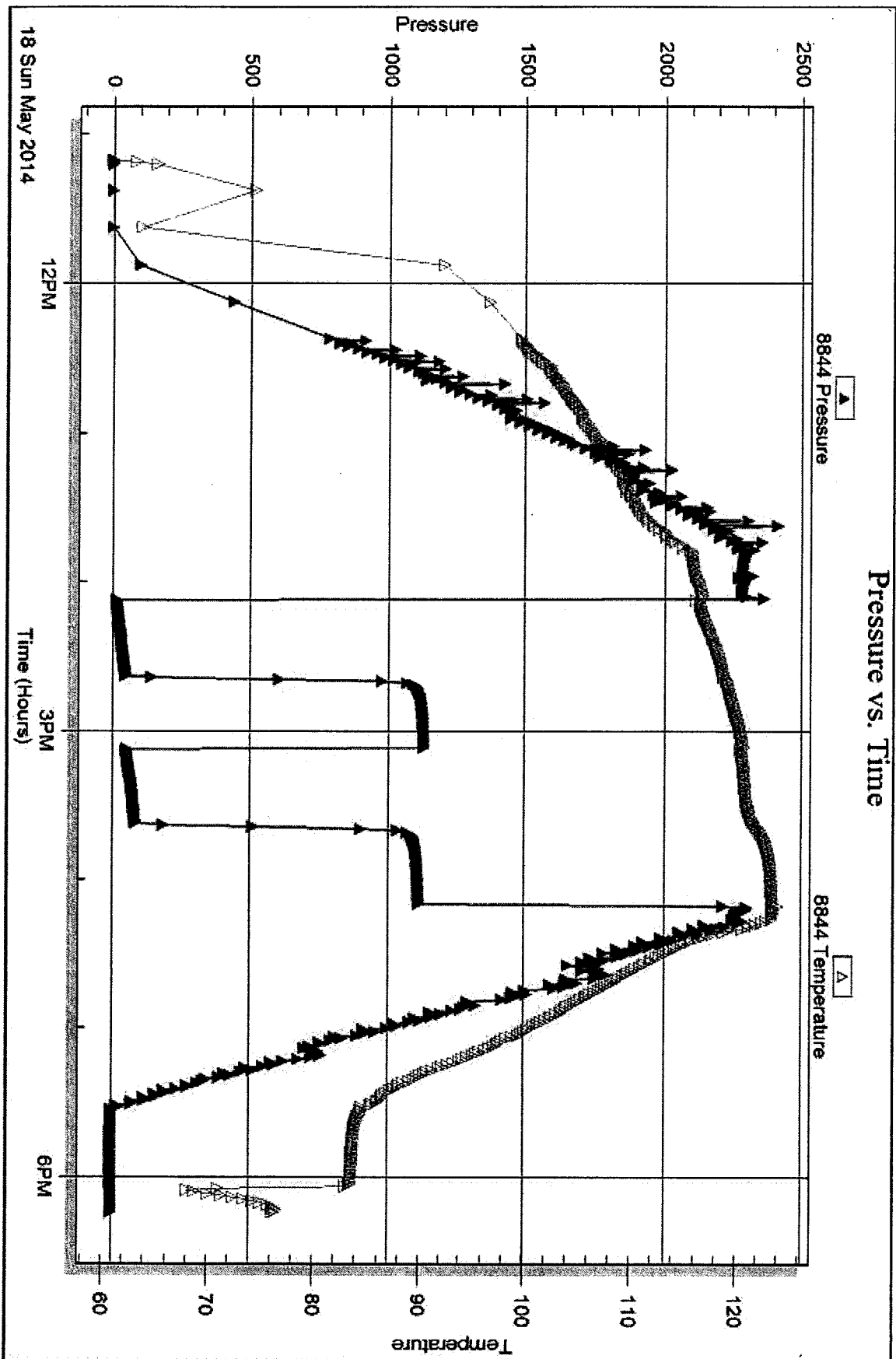
Printed: 2014.05.21 @ 09:45:52

Serial #: 8844

Outside Red Oak Energy

Weber #1-26

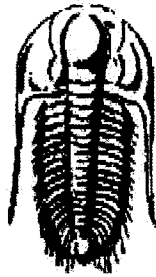
DST Test Number: 5



Mobile Testing, Inc

Ref. No: 59057

Printed: 2014.05.21 @ 09:45:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

ATTN: Sean Deenihan

Weber #1-26

26-11s-32w Logan,KS

Start Date: 2014.05.19 @ 00:45:43

End Date: 2014.05.19 @ 08:30:58

Job Ticket #: 59058 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.21 @ 09:45:17

Red Oak Energy

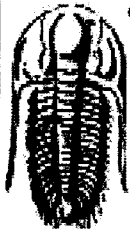
26-11s-32w Logan,KS

Weber #1-26

Job #

Johnson

2014.05.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

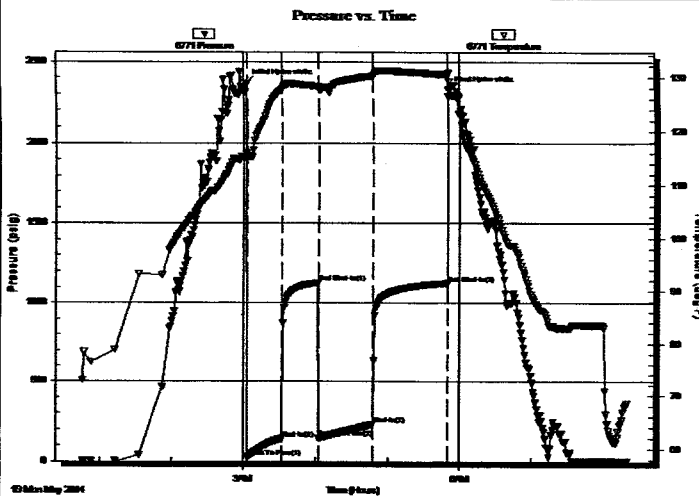
26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59058 **DST#: 6**
Test Start: 2014.05.19 @ 00:45:43

GENERAL INFORMATION:

Formation: **Johnson Sand**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 03:03:13 Tester: Shane McBride
Time Test Ended: 08:30:58 Unit No: 55
Interval: **4614.00 ft (KB) To 4642.00 ft (KB) (TVD)** Reference Elevations: 3031.00 ft (KB)
Total Depth: 4642.00 ft (KB) (TVD) 3020.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6771 Inside
Press@RunDepth: 227.36 psig @ 4615.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.19 End Date: 2014.05.19 Last Calib.: 2014.05.19
Start Time: 00:45:43 End Time: 08:19:58 Time On Btm: 2014.05.19 @ 03:02:58
Time Off Btm: 2014.05.19 @ 05:50:28

TEST COMMENT: B.O.B. in 27 min.
No return
B.O.B in 31 min
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2362.82	115.99	Initial Hydro-static
1	24.75	115.42	Open To Flow (1)
30	139.88	127.64	Shut-In(1)
60	1127.32	128.28	End Shut-In(1)
60	145.33	127.63	Open To Flow (2)
105	227.36	130.19	Shut-In(2)
167	1124.99	130.48	End Shut-In(2)
168	2323.30	130.63	Final Hydro-static

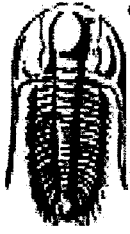
Recovery

Length (ft)	Description	Volume (bbl)
248.00	water w/oil scum 100%w	1.33
124.00	s o & m c w 5o 10m 85w	1.74
62.00	o & w c m 25o 35w 40m	0.87
72.00	c o trace of gas 100o	1.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan, KS
Weber #1-26
Job Ticket: 59058 **DST#: 6**
Test Start: 2014.05.19 @ 00:45:43

GENERAL INFORMATION:

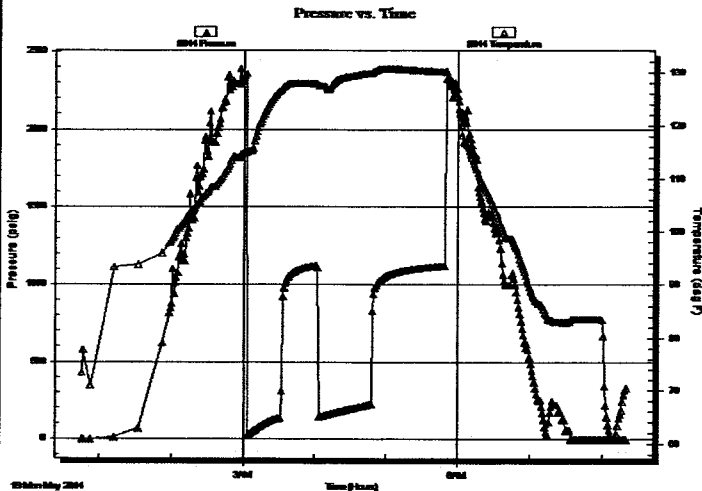
Formation: **Johnson Sand**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 03:03:13 Tester: Shane McBride
Time Test Ended: 08:30:58 Unit No: 55
Interval: **4614.00 ft (KB) To 4642.00 ft (KB) (TVD)** Reference Elevations: 3031.00 ft (KB)
Total Depth: 4642.00 ft (KB) (TVD) 3020.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8844

Outside

Press@RunDepth: psig @ 4615.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.19 End Date: 2014.05.19 Last Calib.: 2014.05.19
Start Time: 00:45:51 End Time: 08:19:51 Time On Btm:
Time Off Btm:

TEST COMMENT: B.O.B. in 27 min.
No return
B.O.B in 31 min
No return



PRESSURE SUMMARY

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

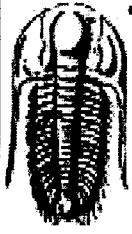
Recovery

Length (ft)	Description	Volume (bbl)
248.00	water w/oil scum 100%w	1.33
124.00	s o & m c w 5o 10m 85w	1.74
62.00	o & w c m 25o 35w 40m	0.87
72.00	c o trace of gas 100o	1.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy

26-11s-32w Logan,KS

7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738

Weber #1-26

Job Ticket: 59058

DST#: 6

ATTN: Sean Deenihan

Test Start: 2014.05.19 @ 00:45:43

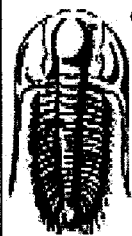
Tool Information

Drill Pipe:	Length: 4380.00 ft	Diameter: 3.80 inches	Volume: 61.44 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: 25000.00 lb
Drill Collar:	Length: 236.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 62.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4614.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4587.00	
Shut In Tool	5.00			4592.00	
Hydraulic tool	5.00			4597.00	
Jars	5.00			4602.00	
Safety Joint	3.00			4605.00	
Packer	5.00			4610.00	28.00 Bottom Of Top Packer
Packer	4.00			4614.00	
Stubb	1.00			4615.00	
Recorder	0.00	6771	Inside	4615.00	
Recorder	0.00	8844	Outside	4615.00	
Perforations	22.00			4637.00	
Bullnose	5.00			4642.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E Kellogg Dr. Ste 710
Wichita, KS 67207-1738
ATTN: Sean Deenihan

26-11s-32w Logan,KS
Weber #1-26
Job Ticket: 59058 **DST#: 6**
Test Start: 2014.05.19 @ 00:45:43

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 19 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 40000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	w ater w /oil scum 100%w	1.329
124.00	s o & m c w 5o 10m 85w	1.739
62.00	o & w c m 25o 35w 40m	0.870
72.00	c o trace of gas 100o	1.010

Total Length: 506.00 ft Total Volume: 4.948 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw .177 @ 70*f= 40,000

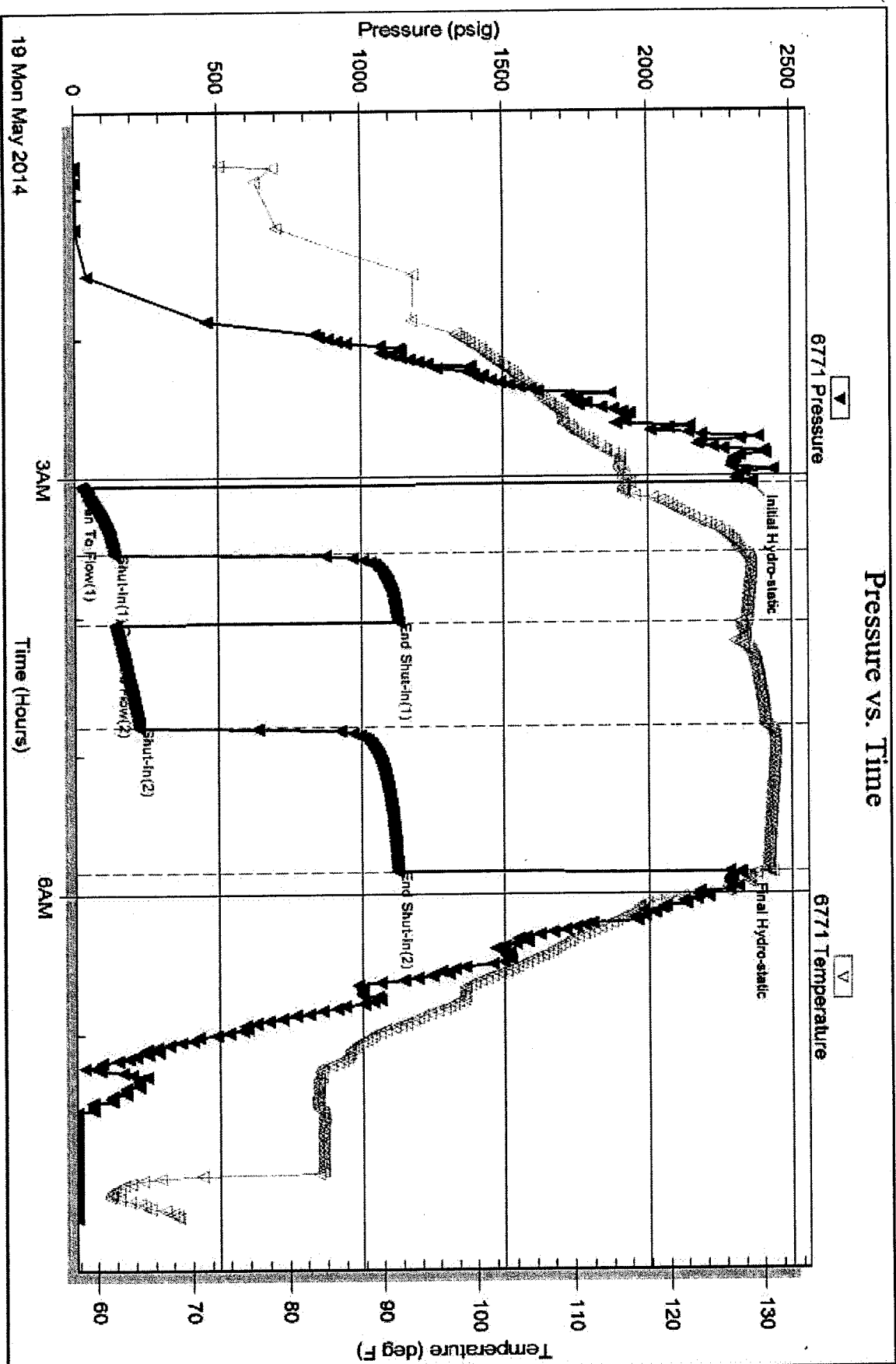
Serial #: 6771

Inside

Red Oak Energy

Weber #1-26

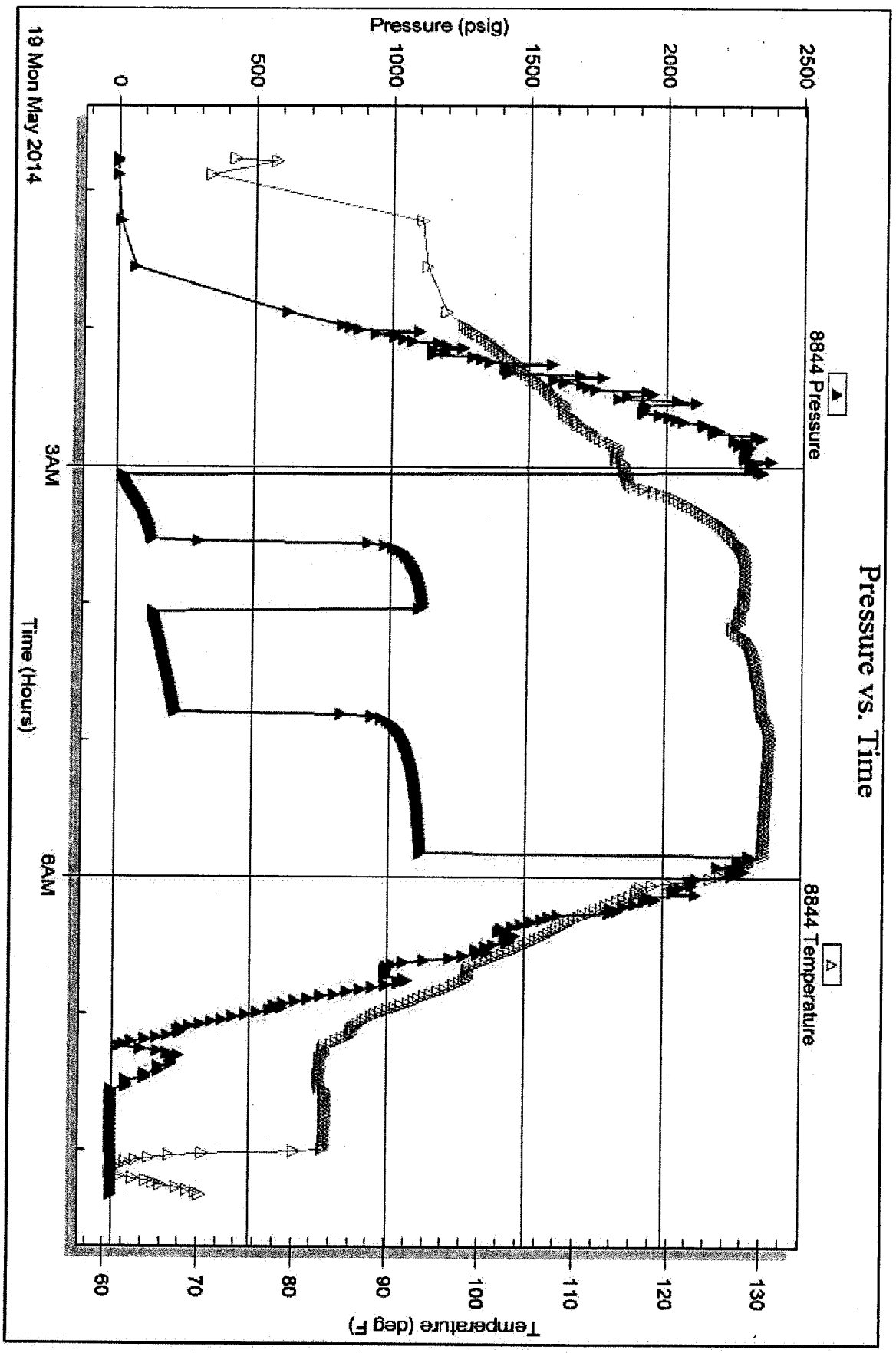
DST Test Number: 6



Traffic Testing, Inc

Ref No: 59058

Printed: 2014.05.21 @ 09:45:18





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59053

Well Name & No. Weber # 1-26 Test No. #1 Date 5/15/14
 Company Red Owl Energy Elevation 3031 KB 3020 GL
 Address 7701 E Kellogg Dr. Ste 7100 Wichita, Kas 67207-1738
 Co. Rep / Geo. Sean Deenihan Rig Wynkin # 22
 Location: Sec. 26 Twp. 11S Rge. 32W Co. Logan State Ks

Interval Tested 4125 4136 Zone Tested E
 Anchor Length 11 Drill Pipe Run 3879 Mud Wt. 9.0
 Top Packer Depth 4120 Drill Collars Run 236 Vis 47
 Bottom Packer Depth 4125 Wt. Pipe Run --- WL 7.2
 Total Depth 4136 Chlorides 2300 ppm System LCM #3

Blow Description B.O.B. in 24 min.
No return
B.O.B. in 26 min.
No return

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Show of free Oil on Top 2"</u>				
Rec <u>130'</u>	Feet of <u>SMCW</u>	<u>Spots</u>	<u>90</u>	<u>10</u>	
Rec <u>420</u>	Feet of <u>Water</u>	<u>Spots</u>	<u>100</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 550' BHT 125° Gravity --- API RW .335 @ 57° F Chlorides 26,500 ppm

(A) Initial Hydrostatic <u>2129</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>13:05</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>13:25</u>
(C) First Final Flow <u>1166</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>14:20</u>
(D) Initial Shut-In <u>1243</u>	<input checked="" type="checkbox"/> Circ Sub <u>n/c</u>	T-Pulled <u>19:05</u>
(E) Second Initial Flow <u>168</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:30</u>
(F) Second Final Flow <u>279</u>	<input checked="" type="checkbox"/> Mileage <u>86.0</u> 133.30	Comments
(G) Final Shut-In <u>1221</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2079</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>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1708.30</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1708.30</u>	

Approved By _____ Our Representative _____
 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. 59054

Well Name & No. Weber # 1-26 Test No. #2 Date 5/16/14
 Company Red Oak Energy Elevation 3031 KB 3020 GL
 Address 2701 E. Kellogg Dr. Ste. 710 Wichita, KS 67207-4738
 Co. Rep / Geo. Sean Deenihan Rig Martin # 22
 Location: Sec. 26 Twp. 115 Rge. 32W Co. Logan State KS

Interval Tested 4191 4224 Zone Tested H
 Anchor Length 35 Drill Pipe Run 3945 Mud Wt. 9.0
 Top Packer Depth 4184 Drill Collars Run 236' Vis 47
 Bottom Packer Depth 4191 Wt. Pipe Run --- WL 7.2
 Total Depth 4226 Chlorides 2300 ppm System LCM #3

Blow Description 1/4" SW @ open dead back to a surface blow
No return
Weak surface blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40'</u>	<u>OCM</u>	<u>15</u>	<u>---</u>	<u>85</u>	<u>---</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 117° Gravity --- API RW --- @ --- F Chlorides --- ppm

- (A) Initial Hydrostatic 2159
- (B) First Initial Flow 19
- (C) First Final Flow 29
- (D) Initial Shut-In 1094
- (E) Second Initial Flow 31
- (F) Second Final Flow 41
- (G) Final Shut-In 1021
- (H) Final Hydrostatic 2125

- Test 1250
- Jars 250
- Safety Joint 75
- Circ Sub n/c
- Hourly Standby
- Mileage 86 RT 133.30
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1708.30

T-On Location 06:12
 T-Started 06:45
 T-Open 08:43
 T-Pulled 10:43
 T-Out 12:50

Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1708.30

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

Approved By _____ Our Representative [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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59055

Well Name & No. Wesber #1-26 Test No. #3 Date 5/16/14
 Company Red Oak Energy Elevation 3031 KB 3020 GL
 Address 7201 E Kellogg Dr Ste 710 Wichita, KS 67207-1738
 Co. Rep / Geop Sean Deenihan Rig Mustard #22
 Location: Sec. 26 Twp. 115 Rge. 32w Co. Logan State Ks

Interval Tested 4224 4248 Zone Tested I
 Anchor Length 24 Drill Pipe Run 3975 Mud Wt. 9.4
 Top Packer Depth 4219 Drill Collars Run 236' Vis 47
 Bottom Packer Depth 4224 Wt. Pipe Run _____ WL 6.8
 Total Depth 4248 Chlorides 2500 ppm System LCM #3

Blow Description 3/4" in blow
No return
1 1/8" in blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>30'</u>	<u>Sgocm</u>	<u>3</u>	<u>27</u>	<u>70</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>(150' weak Gas in pipe)</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30' BHT 114° Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

- (A) Initial Hydrostatic 2117
- (B) First Initial Flow 16
- (C) First Final Flow 23
- (D) Initial Shut-In 772
- (E) Second Initial Flow 25
- (F) Second Final Flow 32
- (G) Final Shut-In 703
- (H) Final Hydrostatic 2074

- Test 1250
- Jars 250
- Safety Joint 75
- Circ Sub N/K
- Hourly Standby _____
- Mileage ELERT 133.30
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____
- Sub Total 1708.30

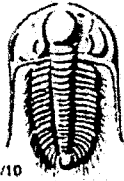
- T-On Location 18:15
- T-Started 18:35
- T-Open 20:35
- T-Pulled 22:35
- T-Out 00:30

- Comments _____
- Ruined Shale Packer _____
 - Ruined Packer _____
 - Extra Copies _____
 - Sub Total 0
 - Total 1708.30
 - MP/DST Disc't _____

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

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59056

Well Name & No. Weber #1-26 Test No. #1 Date 5/12/14
 Company Red Oak Energy Elevation 3031 KB 3020 GL
 Address 7701 E. Kellogg Dr. Ste. 710, Wichita, KS 67207-1738
 Co. Rep / Geo Sean Desrihan Rig Musker #22
 Location: Sec. 26 Twp. 11S Rge. RW Co. Logan State Ks

Interval Tested 4249 4278 Zone Tested N
 Anchor Length 29 Drill Pipe Run 4007 Mud Wt. 9.3
 Top Packer Depth 4244 Drill Collars Run 236' Vis 56
 Bottom Packer Depth 4249 Wt. Pipe Run --- WL 6.8
 Total Depth 4278 Chlorides 2500 ppm System LCM #1

Blow Description B.O.B. in 5min
7 1/2" in Return blow
B.O.B. in 2min
Returns to B.O.B. in 43 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>268</u>	<u>C90</u>	<u>20</u>	<u>80</u>		
<u>620</u>	<u>590' MCW</u>	<u>5</u>	<u>10</u>	<u>70</u>	<u>15</u>
<u>432</u>	<u>590' CW</u>	<u>5</u>	<u>5</u>	<u>90</u>	
<u>126</u>	<u>(under sub) 590' CW</u>	<u>5</u>	<u>3</u>	<u>92</u>	
	<u>(600' Gas in pipe)</u>				

Rec Total 1446 BHT 126 Gravity 38 API RW 1215 @ 65 °F Chlorides 38,500 ppm

(A) Initial Hydrostatic 2146 Test 1250 T-On Location 06:15
 (B) First Initial Flow 53 Jars 250 T-Started 07:00
 (C) First Final Flow 363 Safety Joint 75 T-Open 08:55
 (D) Initial Shut-In 1058 Circ St 50 T-Pulled 11:55
 (E) Second Initial Flow 370 Hourly Standby _____ T-Out 14:45
 (F) Second Final Flow 689 Mileage 86.41 133.30
 (G) Final Shut-In 1055 Sampler _____
 (H) Final Hydrostatic 2073 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60
 Sub Total 0
 Total 1758.30

Approved By [Signature] Our Representative [Signature]
 Sub Total 1758.30 MP/DST Disc't _____

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. 59057

Well Name & No. Weber #1-26 Test No. #5 Date 5/18/14
 Company Red Oak Energy Elevation 3031 KB 3020 GL
 Address 701 E Kellogg Dr Ste 710 Wichita, KS 67207-1938
 Co. Rep / Geop. Sean Delnihan Rig Muslow #22
 Location: Sec. 26 Twp. 11S Rge. 32W Co. Loeprn State Ks

Interval Tested 4584 4616 Zone Tested Johnson
 Anchor Length 32 Drill Pipe Run 4348 Mud Wt. 9.3
 Top Packer Depth 4579 Drill Collars Run 236' Vis SS
 Bottom Packer Depth 4584 Wt. Pipe Run --- WL 6.8
 Total Depth 4616 Chlorides 3500 ppm System LCM #4

Blow Description 3/4" in blow
no return
3/4" in blow
no return

Rec	Feet of	%gas	%oil	%water	%mud
<u>125'</u>	<u>thick mud w/ oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 125' BHT 124° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2360</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:10</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:10</u>
(C) First Final Flow <u>54</u>	<input checked="" type="checkbox"/> Safety Joint <u>175</u>	T-Open <u>14:04</u>
(D) Initial Shut-In <u>1134</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>16:06</u>
(E) Second Initial Flow <u>58</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:20</u>
(F) Second Final Flow <u>90</u>	<input checked="" type="checkbox"/> Mileage <u>86.81</u> 133.30	Comments
(G) Final Shut-In <u>1117</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2272</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1708.30
 Total 1708.30
 MP/DST Disc't ---

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59058

Well Name & No. Wobser #1-26 Test No. #6 Date 5/19/14
 Company Red Oak Energy Elevation 3031 KB 3020 GL
 Address 7701 E. Kellogg Dr Ste 710 Wichita, KS 67217-1738
 Co. Rep / Geo. Sean Deenihan Rig Miller # 22
 Location: Sec. 26 Twp. 11s Rge. 32w Co. Logan State Ks

Interval Tested 46014 46012 Zone Tested Johnson Sand
 Anchor Length 28 Drill Pipe Run 1380 Mud Wt. 9.3
 Top Packer Depth 4609 Drill Collars Run 234 Vis 55
 Bottom Packer Depth 4614 Wt. Pipe Run --- WL 7.2
 Total Depth 46012 Chlorides 3500 ppm System LCM #4

Blow Description B.O.B. in 27 min.
No return
B.O.B. in 31 min
No return

Rec	Feet of	True %gas	%oil	%water	%mud
72	CO	100			
62	0 3/4 w cm	25	35	40	
124	5 0 3/4 w cm	5	85	10	
248	water w/oil scum	Scum	100		

Rec Total 506' BHT 131° Gravity 19 API RW .177@ 70 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>2362</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>00:10</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Bars 250	T-Started <u>00:45</u>
(C) First Final Flow <u>139</u>	<input checked="" type="checkbox"/> Safety Joint 75/	T-Open <u>03:02</u>
(D) Initial Shut-In <u>1127</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>05:47</u>
(E) Second Initial Flow <u>145</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>08:30</u>
(F) Second Final Flow <u>227</u>	<input checked="" type="checkbox"/> Mileage <u>Blot</u> 266.60	Comments <u>Released & Loaded</u>
(G) Final Shut-In <u>1124</u>	<input type="checkbox"/> Sampler	<u>Tools @ 23:30 5/19/14</u>
(H) Final Hydrostatic <u>2323</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1841.60

MP/DST Dist

Approved By [Signature] Our Representative [Signature]

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