



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum**

1801 Broadway Suite 900
Denver, CO 80202

ATTN: Charlie Sturdavant

#1-4 Dueser

S4-17s-29w Lane,KS

Start Date: 2012.11.01 @ 10:30:00

End Date: 2012.11.01 @ 17:33:30

Job Ticket #: 48481 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.13 @ 13:28:02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum
 1801 Broadway Suite 900
 Denver, CO 80202
 ATTN: Charlie Sturdavant

S4-17s-29w Lane, KS
#1-4 Dueser
 Job Ticket: 48481 **DST#: 1**
 Test Start: 2012.11.01 @ 10:30:00

GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:21:45
 Time Test Ended: 17:33:30
 Interval: **4120.00 ft (KB) To 4260.00 ft (KB) (TVD)**
 Total Depth: 4260.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2833.00 ft (KB)
 2822.00 ft (CF)
 KB to GR/CF: 11.00 ft

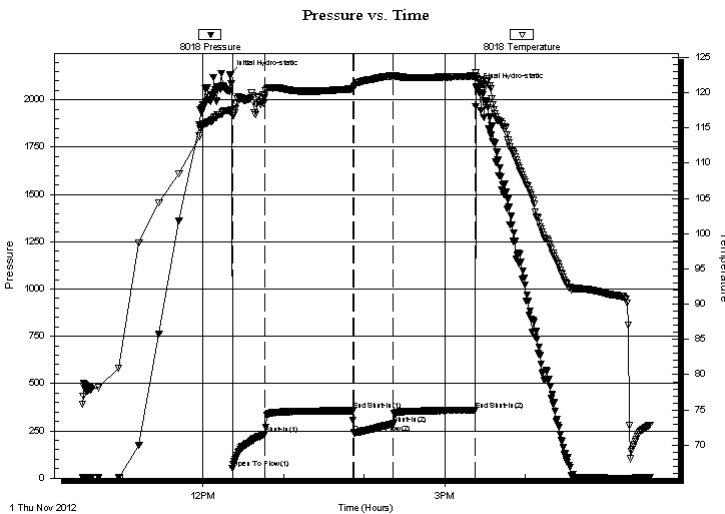
Serial #: 8018

Inside

Press @ Run Depth: 287.50 psig @ 4124.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.01 End Date: 2012.11.01 Last Calib.: 2012.11.01
 Start Time: 10:30:05 End Time: 17:33:29 Time On Btm: 2012.11.01 @ 12:20:00
 Time Off Btm: 2012.11.01 @ 15:23:45

TEST COMMENT: B.O.B. @ 8 1/2 min.
 No return.
 B.O.B. @ 26 min.
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.23	117.44	Initial Hydro-static
2	52.14	116.75	Open To Flow (1)
26	233.74	119.59	Shut-In(1)
92	356.88	120.53	End Shut-In(1)
93	238.19	120.87	Open To Flow (2)
122	287.50	122.39	Shut-In(2)
183	358.77	122.35	End Shut-In(2)
184	2067.62	122.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
297.00	MW 35m 65w	2.03
268.00	M 100m	3.76

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum
 1801 Broadway Suite 900
 Denver, CO 80202
 ATTN: Charlie Sturdavant

S4-17s-29w Lane, KS
#1-4 Dueser
 Job Ticket: 48481 **DST#: 1**
 Test Start: 2012.11.01 @ 10:30:00

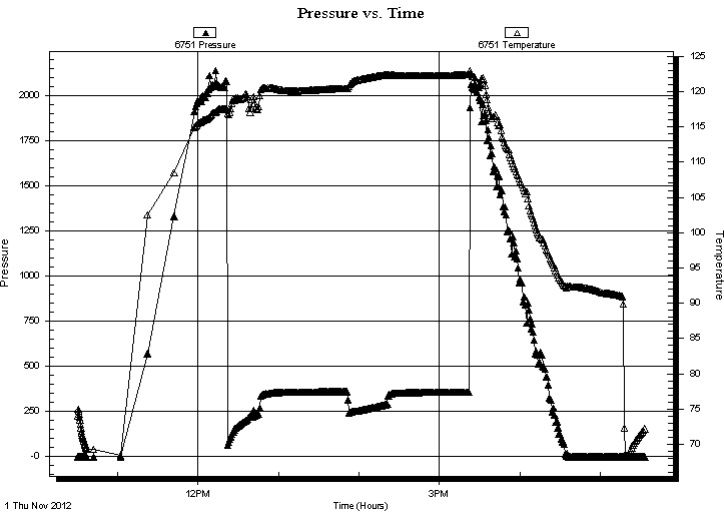
GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:21:45
 Time Test Ended: 17:33:30
 Interval: **4120.00 ft (KB) To 4260.00 ft (KB) (TVD)**
 Total Depth: 4260.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2833.00 ft (KB)
 2822.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6751 Outside

Press @ Run Depth: psig @ 4124.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.01 End Date: 2012.11.01 Last Calib.: 2012.11.01
 Start Time: 10:30:05 End Time: 17:33:24 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. @ 8 1/2 min.
 No return.
 B.O.B. @ 26 min.
 No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
297.00	MW 35m 65w	2.03
268.00	M 100m	3.76

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum
1801 Broadway Suite 900
Denver, CO 80202
ATTN: Charlie Sturdavant

S4-17s-29w Lane,KS
#1-4 Dueser
Job Ticket: 48481 **DST#: 1**
Test Start: 2012.11.01 @ 10:30:00

Tool Information

Drill Pipe:	Length: 3878.00 ft	Diameter: 3.80 inches	Volume: 54.40 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 55.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4120.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	140.00 ft			
Tool Length:	167.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4093.50	
Shut In Tool	5.00			4098.50	
Hydraulic tool	5.00			4103.50	
Jars	5.00			4108.50	
Safety Joint	2.50			4111.00	
Packer	5.00			4116.00	27.50 Bottom Of Top Packer
Packer	4.00			4120.00	
Stubb	1.00			4121.00	
Perforations	3.00			4124.00	
Recorder	0.00	8018	Inside	4124.00	
Recorder	0.00	6751	Outside	4124.00	
Perforations	7.00			4131.00	
Change Over Sub	1.00			4132.00	
Drill Pipe	124.00			4256.00	
Change Over Sub	1.00			4257.00	
Bullnose	3.00			4260.00	140.00 Bottom Packers & Anchor
Total Tool Length:	167.50				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum

S4-17s-29w Lane,KS

1801 Broadway Suite 900
Denver, CO 80202

#1-4 Dueser

Job Ticket: 48481

DST#: 1

ATTN: Charlie Sturdavant

Test Start: 2012.11.01 @ 10:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
297.00	MW 35m 65w	2.025
268.00	M 100m	3.759

Total Length: 565.00 ft Total Volume: 5.784 bbl

Num Fluid Samples: 0

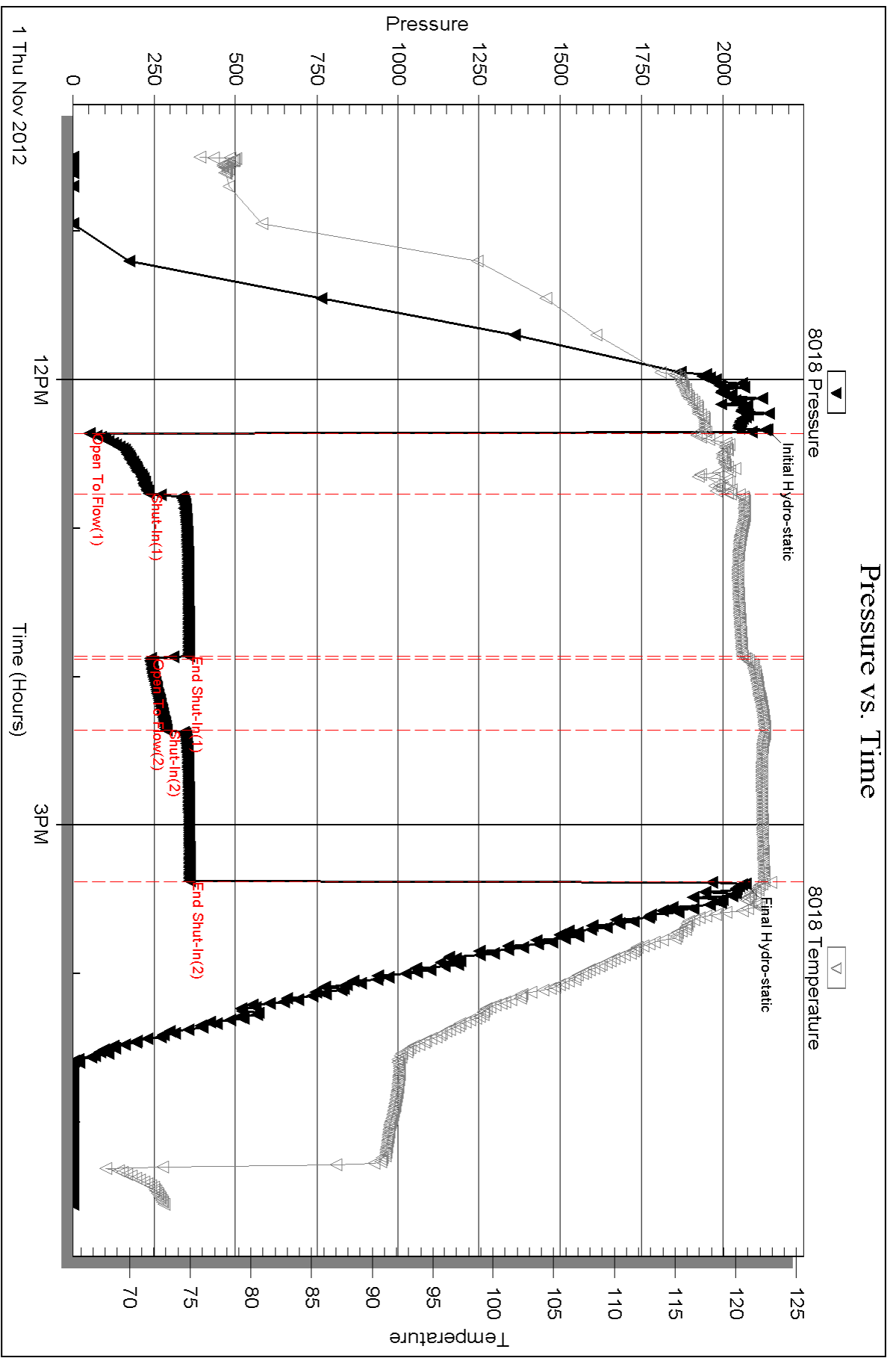
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .201 @ 70 Degrees F = 37000 PPM

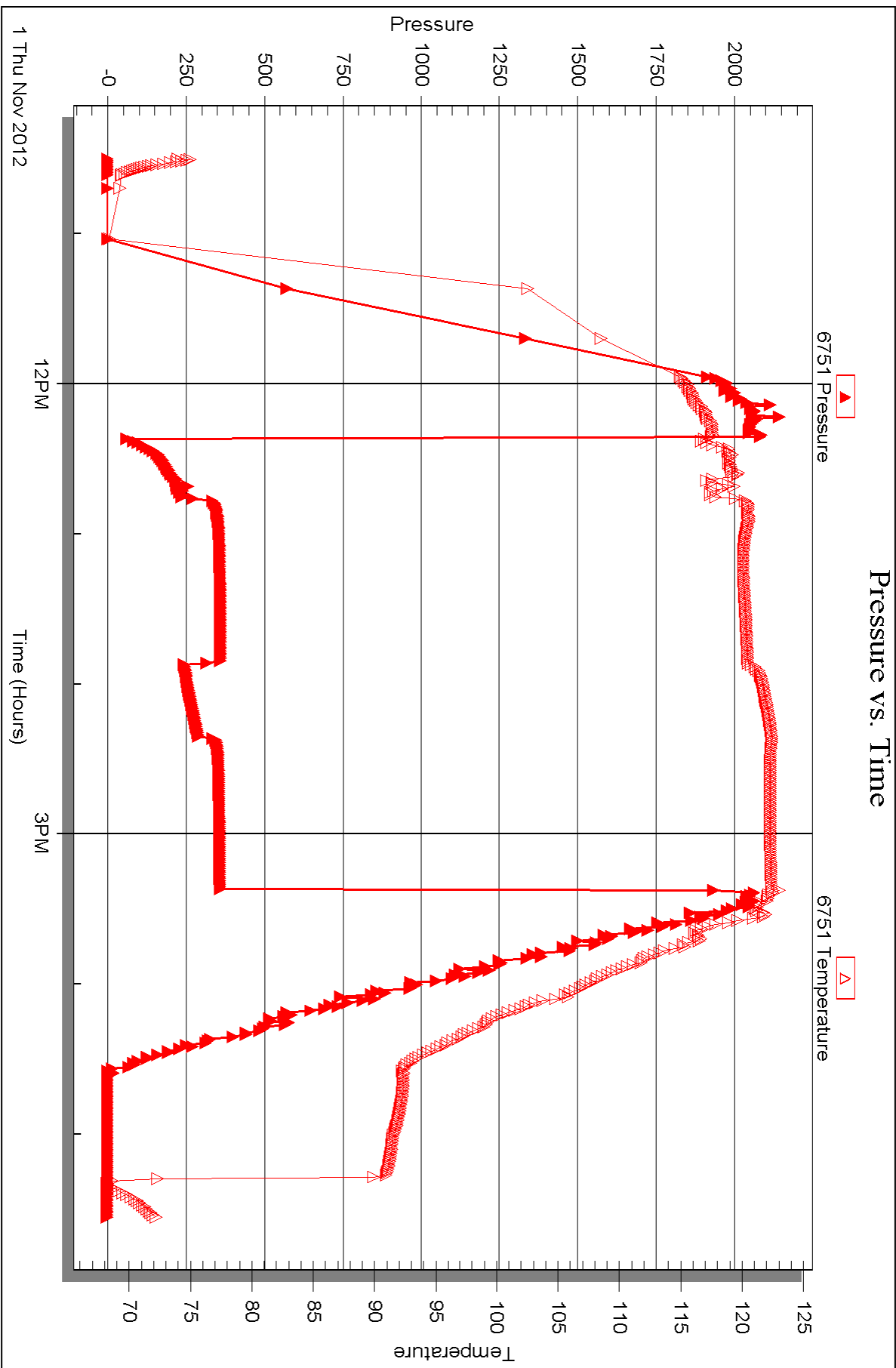


Serial #: 6751

Outside Forestar Petroleum

#1-4 Diesel

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum**

1801 Broadway Suite 900
Denver, CO 80202

ATTN: Charlie Sturdavant

#1-4 Dueser

S4-17s-29w Lane,KS

Start Date: 2012.11.02 @ 11:43:00

End Date: 2012.11.02 @ 18:57:00

Job Ticket #: 48482 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.13 @ 13:27:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Forestar Petroleum
1801 Broadway Suite 900
Denver, CO 80202
ATTN: Charlie Sturdavant

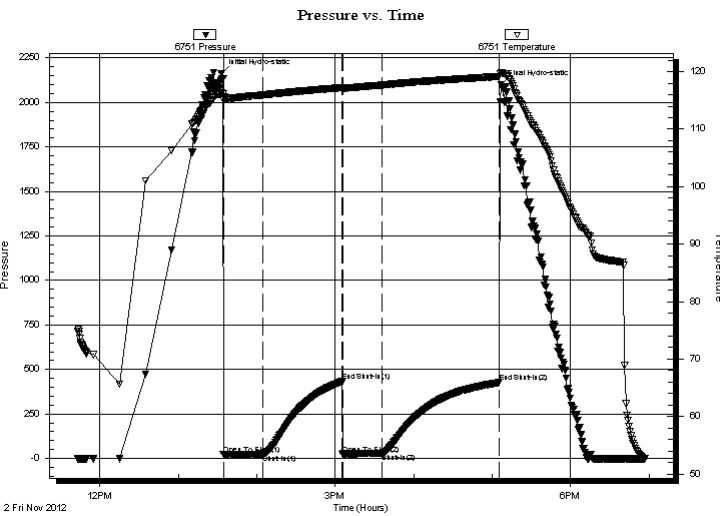
S4-17s-29w Lane, KS
#1-4 Dueser
Job Ticket: 48482 **DST#: 2**
Test Start: 2012.11.02 @ 11:43:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:34:24
Time Test Ended: 18:57:00
Interval: **4260.00 ft (KB) To 4420.00 ft (KB) (TVD)**
Total Depth: 4420.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 62
Reference Elevations: 2833.00 ft (KB)
2822.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 Outside
Press @ Run Depth: 27.76 psig @ 4264.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.02 End Date: 2012.11.02 Last Calib.: 2012.11.02
Start Time: 11:43:05 End Time: 18:56:59 Time On Btm: 2012.11.02 @ 13:33:00
Time Off Btm: 2012.11.02 @ 17:07:00

TEST COMMENT: 1/2" Blow .
No return.
No blow .
No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.32	116.27	Initial Hydro-static
2	21.76	115.02	Open To Flow (1)
32	25.54	115.94	Shut-In(1)
93	432.40	117.23	End Shut-In(1)
93	24.97	116.98	Open To Flow (2)
123	27.76	117.65	Shut-In(2)
213	426.72	119.17	End Shut-In(2)
214	2099.85	119.87	Final Hydro-static

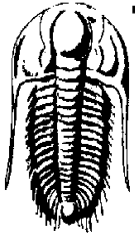
Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum
 1801 Broadway Suite 900
 Denver, CO 80202
 ATTN: Charlie Sturdavant

S4-17s-29w Lane, KS
#1-4 Dueser
 Job Ticket: 48482 **DST#: 2**
 Test Start: 2012.11.02 @ 11:43:00

GENERAL INFORMATION:

Formation: Marmaton	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Chuck Smith
Time Tool Opened: 13:34:24	Unit No: 62
Time Test Ended: 18:57:00	Reference Elevations: 2833.00 ft (KB) 2822.00 ft (CF)
Interval: 4260.00 ft (KB) To 4420.00 ft (KB) (TVD)	KB to GR/CF: 11.00 ft
Total Depth: 4420.00 ft (KB) (TVD)	
Hole Diameter: 7.88 inches Hole Condition: Good	

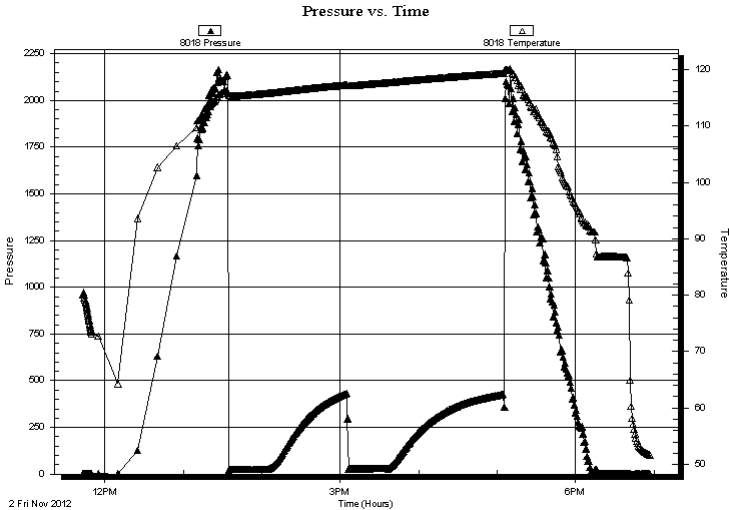
Serial #: 8018

Inside

Press @ Run Depth: psig @ 4264.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2012.11.02 End Date: 2012.11.02	Last Calib.: 2012.11.02
Start Time: 11:43:05 End Time: 18:56:59	Time On Btm:
	Time Off Btm:

TEST COMMENT: 1/2" Blow .
 No return.
 No blow .
 No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum
1801 Broadway Suite 900
Denver, CO 80202
ATTN: Charlie Sturdavant

S4-17s-29w Lane,KS
#1-4 Dueser
Job Ticket: 48482 **DST#: 2**
Test Start: 2012.11.02 @ 11:43:00

Tool Information

Drill Pipe:	Length: 4005.00 ft	Diameter: 3.80 inches	Volume: 56.18 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 57.34 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.50 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4260.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	160.00 ft				
Tool Length:	187.50 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4233.50	
Shut In Tool	5.00			4238.50	
Hydraulic tool	5.00			4243.50	
Jars	5.00			4248.50	
Safety Joint	2.50			4251.00	
Packer	5.00			4256.00	27.50 Bottom Of Top Packer
Packer	4.00			4260.00	
Stubb	1.00			4261.00	
Perforations	3.00			4264.00	
Recorder	0.00	8018	Inside	4264.00	
Recorder	0.00	6751	Outside	4264.00	
Perforations	27.00			4291.00	
Change Over Sub	1.00			4292.00	
Drill Pipe	124.00			4416.00	
Change Over Sub	1.00			4417.00	
Bullnose	3.00			4420.00	160.00 Bottom Packers & Anchor
Total Tool Length:	187.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum

S4-17s-29w Lane,KS

1801 Broadway Suite 900
Denver, CO 80202

#1-4 Dueser

Job Ticket: 48482

DST#: 2

ATTN: Charlie Sturdavant

Test Start: 2012.11.02 @ 11:43:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

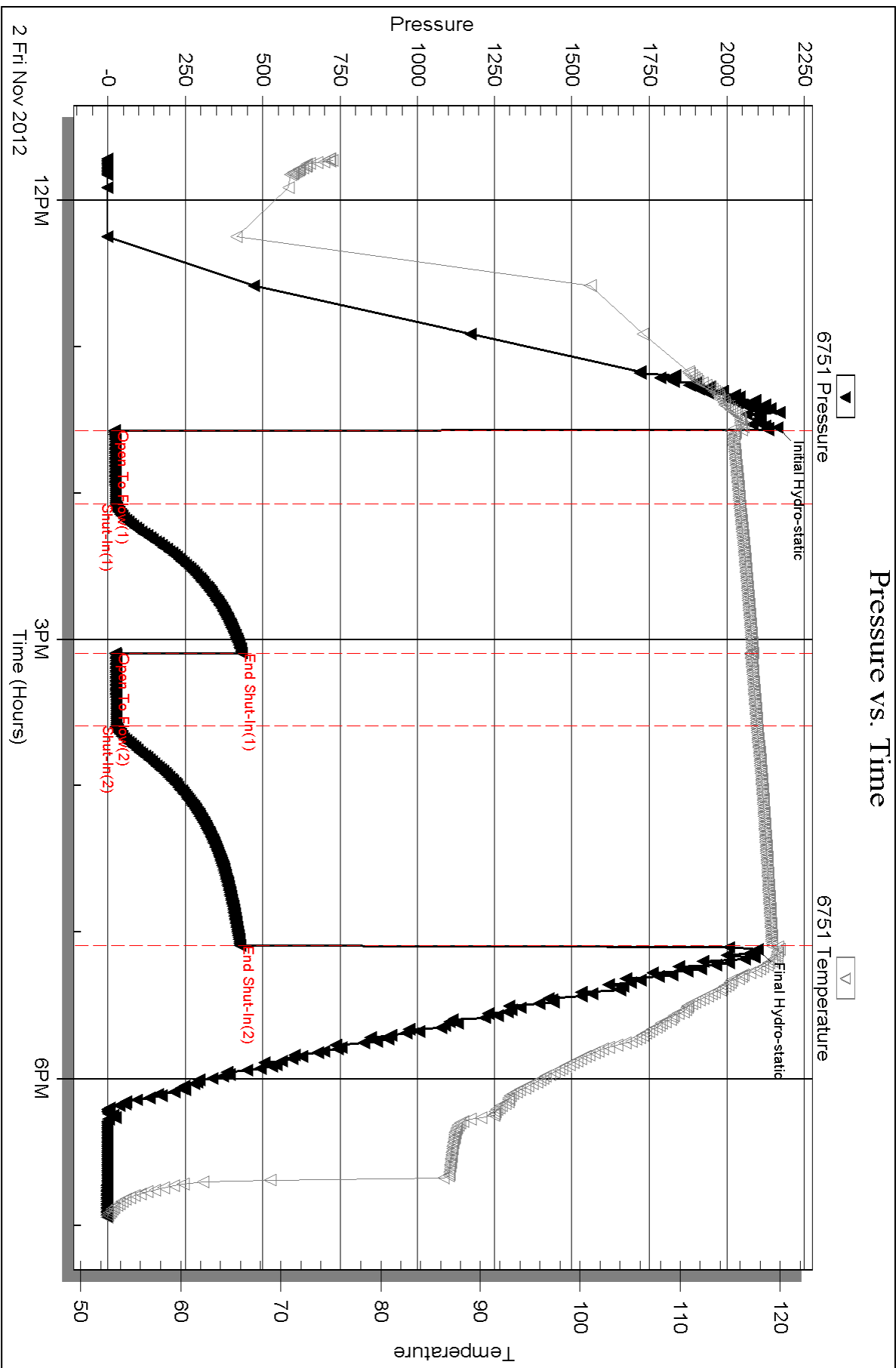
Recovery Comments:

Serial #: 6751

Outside Forestar Petroleum

#1-4 Diesel

DST Test Number: 2



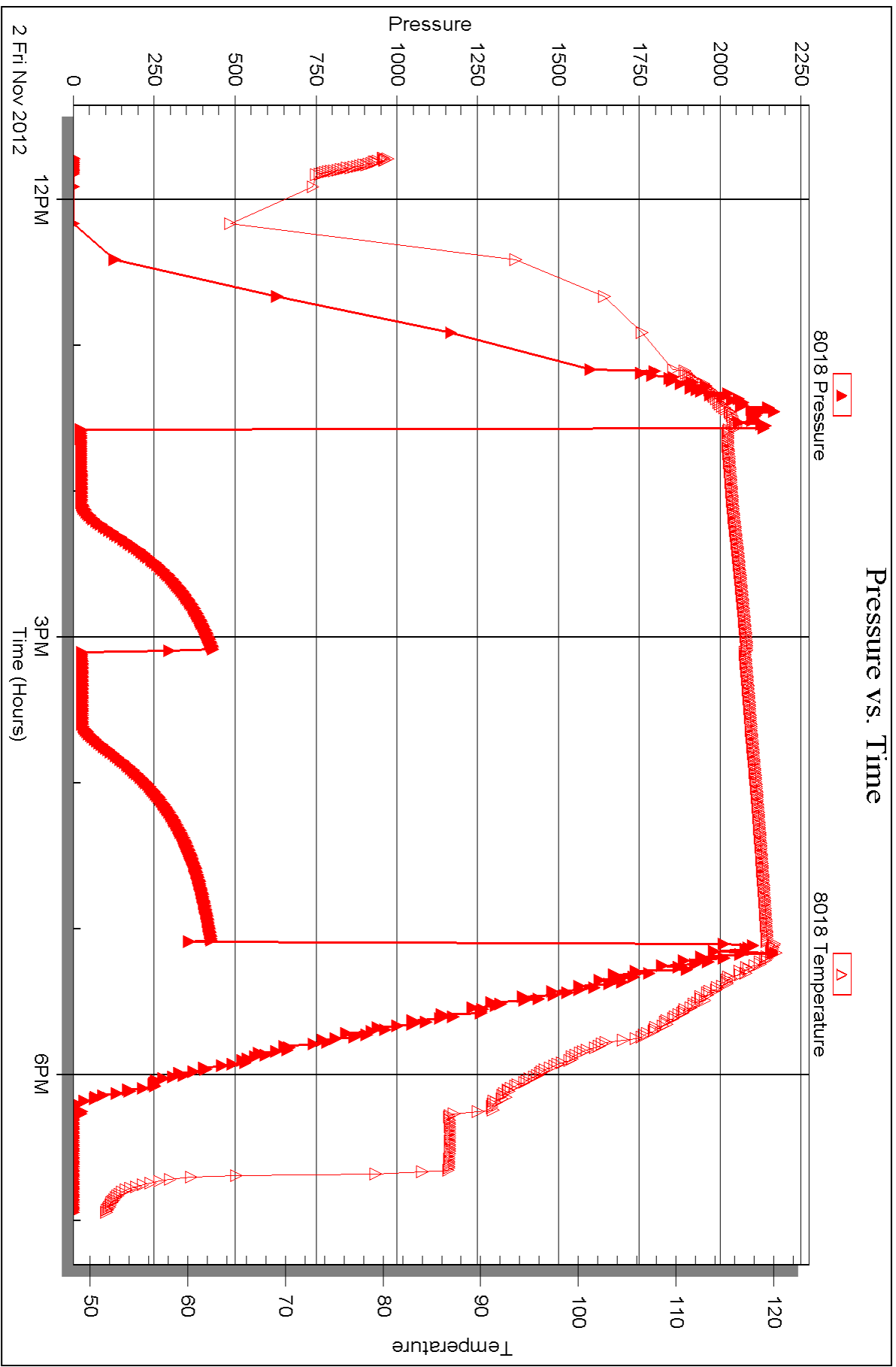
Serial #: 8018

Inside

Forestar Petroleum

#1-4 Diesel

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum**

1801 Broadway Suite 900
Denver, CO 80202

ATTN: Charlie Sturdavant

#1-4 Dueser

S4-17s-29w Lane,KS

Start Date: 2012.11.03 @ 13:20:00

End Date: 2012.11.03 @ 20:37:00

Job Ticket #: 48483 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.13 @ 13:29:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum
 1801 Broadway Suite 900
 Denver, CO 80202
 ATTN: Charlie Sturdavant

S4-17s-29w Lane, KS
#1-4 Dueser
 Job Ticket: 48483 **DST#: 3**
 Test Start: 2012.11.03 @ 13:20:00

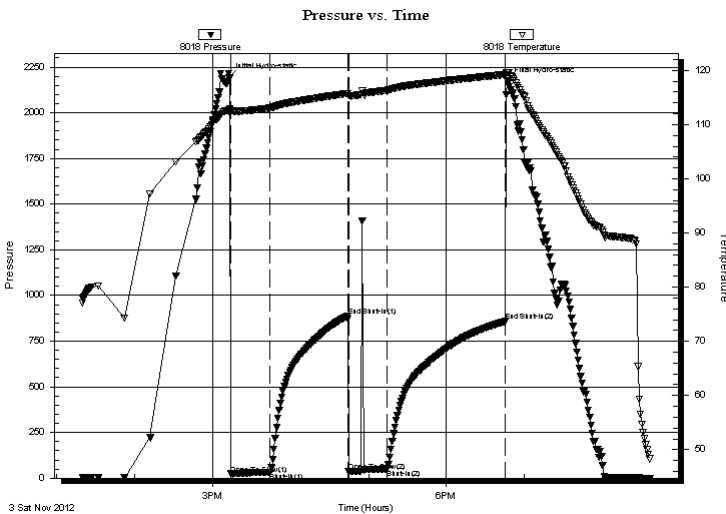
GENERAL INFORMATION:

Formation: **Pawnee - Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:14:15
 Time Test Ended: 20:37:00
 Interval: **4416.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2833.00 ft (KB)
 2822.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8018 Inside
 Press @ Run Depth: 50.63 psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.03 End Date: 2012.11.03 Last Calib.: 2012.11.03
 Start Time: 13:20:05 End Time: 20:36:59 Time On Btm: 2012.11.03 @ 15:12:45
 Time Off Btm: 2012.11.03 @ 18:46:45

TEST COMMENT: 3/4" Blow .
 No return.
 No blow , flushed tool, no blow .
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.30	112.74	Initial Hydro-static
2	23.43	112.38	Open To Flow (1)
32	32.94	113.05	Shut-In(1)
92	889.22	115.76	End Shut-In(1)
92	34.96	115.33	Open To Flow (2)
122	50.63	116.32	Shut-In(2)
213	857.98	119.23	End Shut-In(2)
214	2173.36	119.60	Final Hydro-static

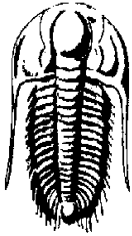
Recovery

Length (ft)	Description	Volume (bbl)
60.00	M 100m	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Forestar Petroleum
1801 Broadway Suite 900
Denver, CO 80202
ATTN: Charlie Sturdavant

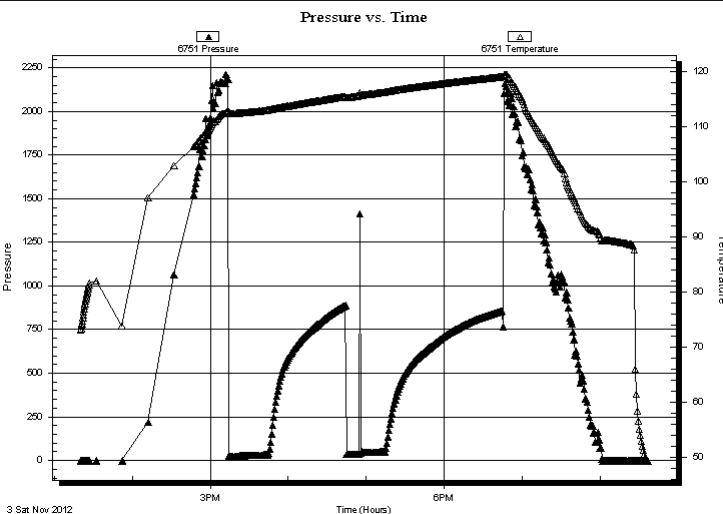
S4-17s-29w Lane, KS
#1-4 Dueser
Job Ticket: 48483 **DST#: 3**
Test Start: 2012.11.03 @ 13:20:00

GENERAL INFORMATION:

Formation: Pawnee - Johnson	
Deviated: No Whipstock: ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 15:14:15	Tester: Chuck Smith
Time Test Ended: 20:37:00	Unit No: 62
Interval: 4416.00 ft (KB) To 4550.00 ft (KB) (TVD)	Reference Elevations: 2833.00 ft (KB)
Total Depth: 4550.00 ft (KB) (TVD)	2822.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good	KB to GR/CF: 11.00 ft

Serial #: 6751 Outside		Capacity: 8000.00 psig
Press@RunDepth: psig @ 4421.00 ft (KB)		Last Calib.: 2012.11.03
Start Date: 2012.11.03	End Date: 2012.11.03	Time On Btm:
Start Time: 13:20:05	End Time: 20:36:59	Time Off Btm:

TEST COMMENT: 3/4" Blow .
No return.
No blow , flushed tool, no blow .
No return.



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

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	M100m	0.30

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum
1801 Broadway Suite 900
Denver, CO 80202
ATTN: Charlie Sturdavant

S4-17s-29w Lane,KS
#1-4 Dueser
Job Ticket: 48483 **DST#: 3**
Test Start: 2012.11.03 @ 13:20:00

Tool Information

Drill Pipe:	Length: 4158.00 ft	Diameter: 3.80 inches	Volume: 58.33 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 59.49 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.50 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4416.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	134.00 ft				
Tool Length:	161.50 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4389.50	
Shut In Tool	5.00			4394.50	
Hydraulic tool	5.00			4399.50	
Jars	5.00			4404.50	
Safety Joint	2.50			4407.00	
Packer	5.00			4412.00	27.50 Bottom Of Top Packer
Packer	4.00			4416.00	
Stubb	1.00			4417.00	
Perforations	4.00			4421.00	
Recorder	0.00	8018	Inside	4421.00	
Recorder	0.00	6751	Outside	4421.00	
Change Over Sub	1.00			4422.00	
Drill Pipe	124.00			4546.00	
Change Over Sub	1.00			4547.00	
Bullnose	3.00			4550.00	134.00 Bottom Packers & Anchor

Total Tool Length: 161.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum

S4-17s-29w Lane,KS

1801 Broadway Suite 900
Denver, CO 80202

#1-4 Dueser

Job Ticket: 48483

DST#: 3

ATTN: Charlie Sturdavant

Test Start: 2012.11.03 @ 13:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	M 100m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

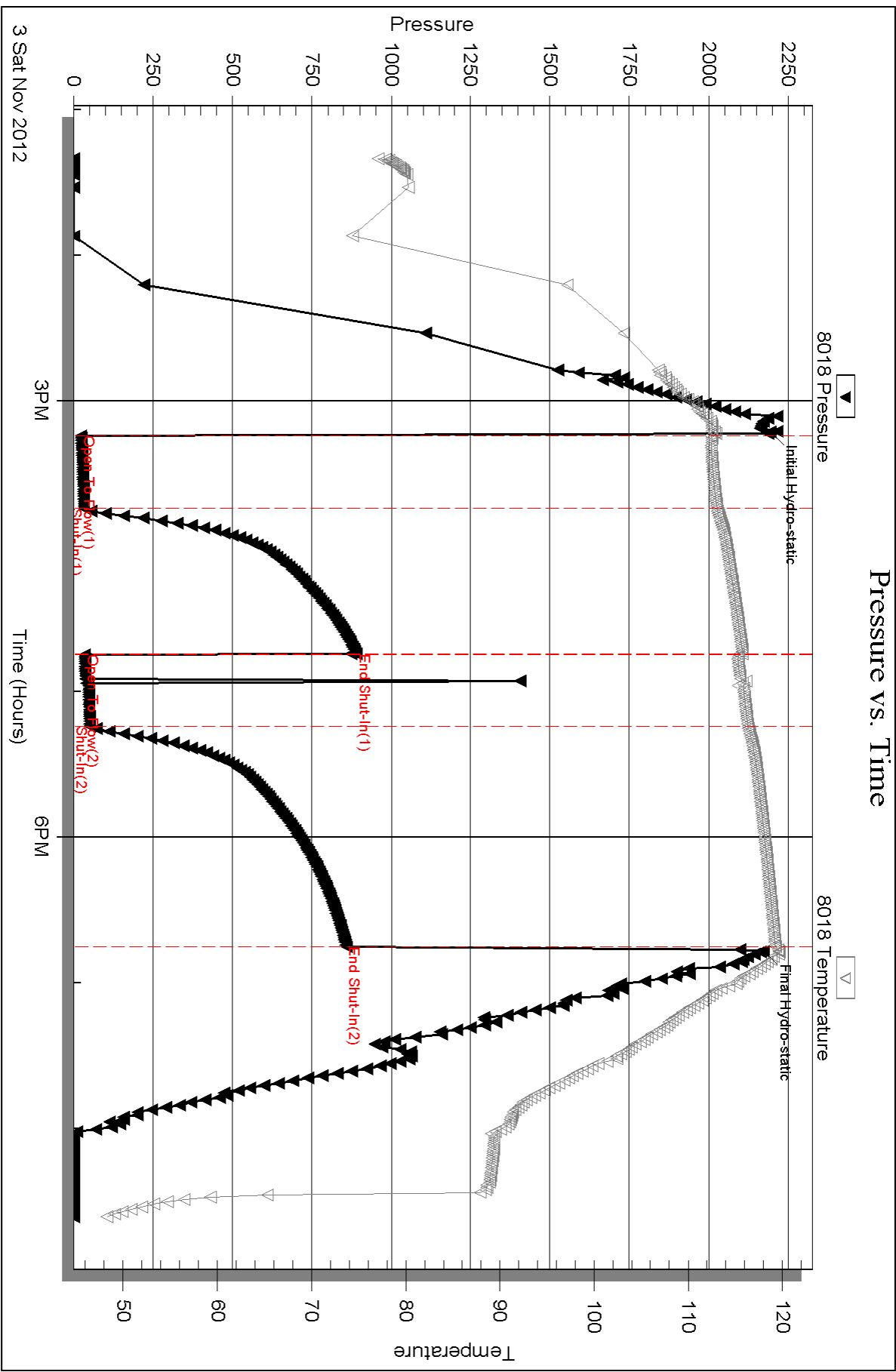
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

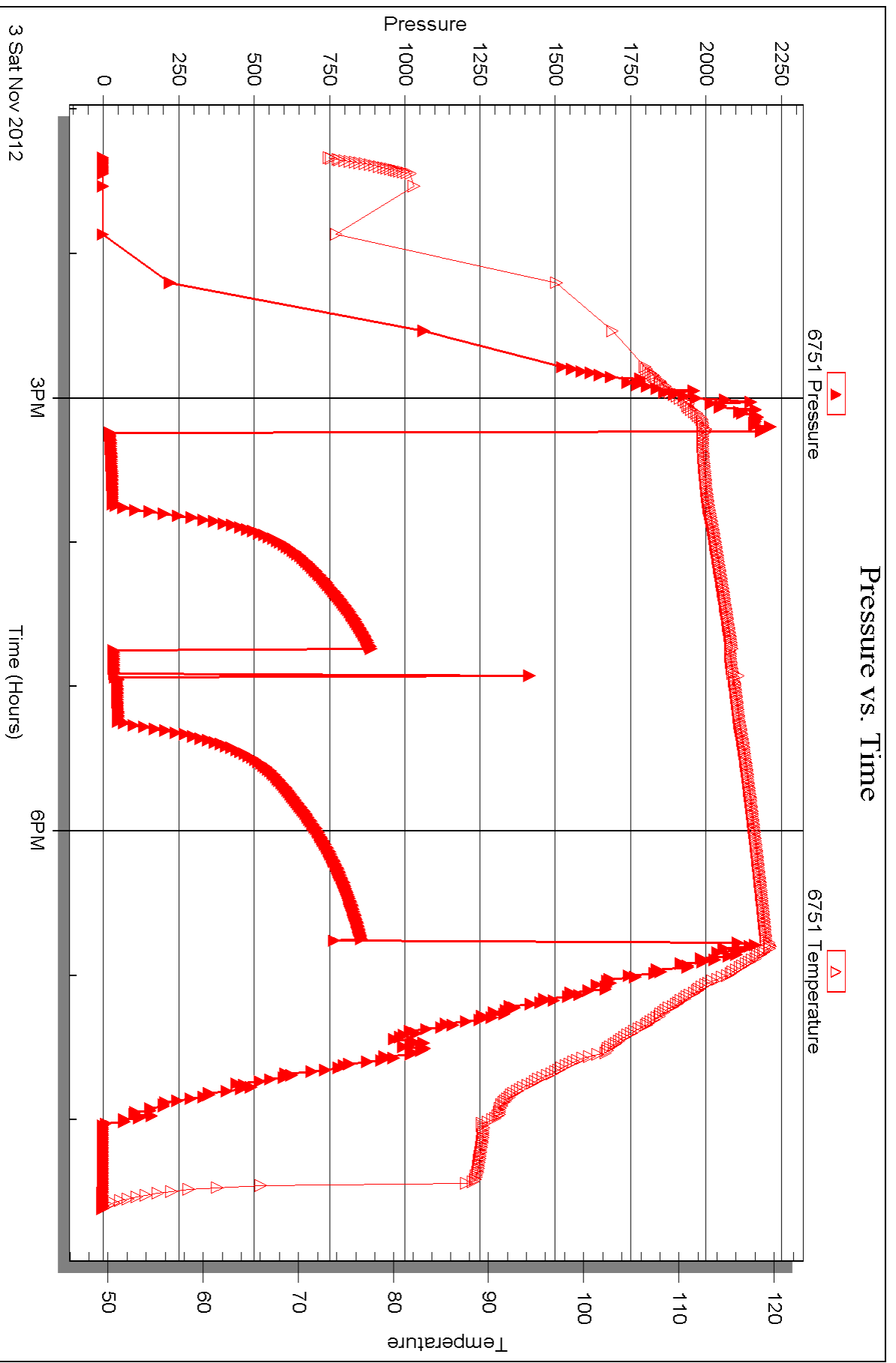


Serial #: 6751

Outside Forestar Petroleum

#1-4 Diesel

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48481

Well Name & No. #1-4 Dueser Test No. 1 Date 11-1-12
 Company Forestar Petroleum Elevation 2833 KB 2822 GL
 Address 1801 Broadway Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Charlie Sturdavant Rig MDC #22
 Location: Sec. 4 Twp. 17s Rge. 29w Co. Lane State K5

Interval Tested 4120-4260 Zone Tested Kansas City
 Anchor Length 140 Drill Pipe Run 3878 Mud Wt. 9.5
 Top Packer Depth 4116 Drill Collars Run 235 Vis 55
 Bottom Packer Depth 4120 Wt. Pipe Run 0 WL 6.4
 Total Depth 4260 Chlorides 1,000 ppm System LCM 1[#]
 Blow Description B.O.B. @ 8 1/2 min.
No return.
B.O.B. @ 26 min.
No return.

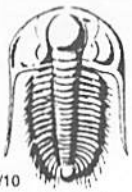
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>268</u>	Feet of <u>M</u>	%gas	%oil	%water <u>100</u>	%mud
Rec <u>297</u>	Feet of <u>MW</u>	%gas	%oil <u>65</u>	%water <u>35</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 565 BHT 122 Gravity - API RW 201 @ 70 °F Chlorides 37,000 ppm

(A) Initial Hydrostatic <u>2135</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:15</u>
(B) First Initial Flow <u>52</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:30</u>
(C) First Final Flow <u>234</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:22</u>
(D) Initial Shut-In <u>357</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>15:23</u>
(E) Second Initial Flow <u>238</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:34</u>
(F) Second Final Flow <u>288</u>	<input checked="" type="checkbox"/> Mileage <u>58RT</u> 89.90	Comments _____
(G) Final Shut-In <u>359</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2068</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>60</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>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1664.90</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1664.90</u>	

Approved By Charlie Sturdavant Our Representative Chuck Smith

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48482

Well Name & No. #1-4 Dueser Test No. 2 Date 11-2-12
 Company Forestar Petroleum Elevation 2833 KB 2822 GL
 Address 1801 Broadway Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Charlie Sturdivant Rig MDC #22
 Location: Sec. 4 Twp. 17E Rge. 29W Co. Lane State KS

Interval Tested 4260-4420 Zone Tested Marmaton
 Anchor Length 160 Drill Pipe Run 4005 Mud Wt. 9.4
 Top Packer Depth 4256 Drill Collars Run 235 Vis 51
 Bottom Packer Depth 4260 Wt. Pipe Run 0 WL 6.0
 Total Depth 4420 Chlorides 800 ppm System LCM 4[#]
 Blow Description 1/2" Blow
No return.
No blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>M</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 5 BHT 119 Gravity - API RW @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2163</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>11:30</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:43</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:34</u>
(D) Initial Shut-In <u>432</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>17:05</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:57</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>58 RT</u> 89.90	Comments
(G) Final Shut-In <u>427</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2100</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>60</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>90</u>	<input type="checkbox"/> Day Standby	Total <u>1664.90</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't

Sub Total 1664.90

Approved By Charlie Sturdivant Our Representative Chuck Smith
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48483

4/10

Well Name & No. #1-4 Dueser Test No. 3 Date 11-3-12
 Company Forestar Petroleum Elevation 2833 KB 2822 GL
 Address 1801 Broadway Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Charlie Sturdavant Rig MDC #22
 Location: Sec. 4 Twp. 17 Rge. 29w Co. Lane State Ks

Interval Tested 4416 - 4550 Zone Tested Pawnee-Johnson
 Anchor Length 134 Drill Pipe Run 458 Mud Wt. 9.3
 Top Packer Depth 4412 Drill Collars Run 235 Vis 53
 Bottom Packer Depth 4416 Wt. Pipe Run 0 WL 8.0
 Total Depth 4550 Chlorides 1200 ppm System LCM 3"
 Blow Description 3/4" Blow.
No return.
No blow, flushed tool, no blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>60</u>	Feet of <u>M</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 119 Gravity - API RW @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2193</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>13:15</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>13:20</u>
(C) First Final Flow <u>33</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>15:13</u>
(D) Initial Shut-In <u>889</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>18:47</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:37</u>
(F) Second Final Flow <u>51</u>	<input checked="" type="checkbox"/> Mileage <u>58RT</u> 89.90	Comments
(G) Final Shut-In <u>858</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2173</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>60</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>90</u>	<input type="checkbox"/> Day Standby	Total <u>1664.90</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1664.90</u>	

Approved By Charlie Sturdavant Our Representative Chuck Smith

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