



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1215079
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1215079

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
-------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Forestar Petroleum Corporation
Well Name	LCF 2-11
Doc ID	1215079

Tops

Name	Top	Datum
Anhydrite	2195	599
Topeka	3690	898
Top Heebner	3930	1139
Top Lansing	3967	1175
Muncie Creek	4130	1337
BKC	4306	1515
Pawnee	4421	1630
UPR Cherokee	4471	1679
Mississippi	4574	1782



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum Corporation**

1801 Broadway Ste. 600
Denver, CO 80202

ATTN: Larry Nicholson

LCF #2-11

11 17s 29w Lane,KS

Start Date: 2014.05.15 @ 11:23:00

End Date: 2014.05.15 @ 20:33:45

Job Ticket #: 57647 DST #: 1

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

Printed: 2014.05.20 @ 14:58:15

Forestar Petroleum Corporation
11 17s 29w Lane,KS
LCF #2-11
DST # 1
LKC K-L
2014.05.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57647

DST#: 1

ATTN: Larry Nicholson

Test Start: 2014.05.15 @ 11:23:00

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:30

Time Test Ended: 20:33:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4230.00 ft (KB) To 4317.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4317.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: 215.08 psig @ 4231.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.15

End Date:

2014.05.15

Last Calib.:

2014.05.15

Start Time: 11:23:05

End Time:

20:33:45

Time On Btm:

2014.05.15 @ 13:31:00

Time Off Btm:

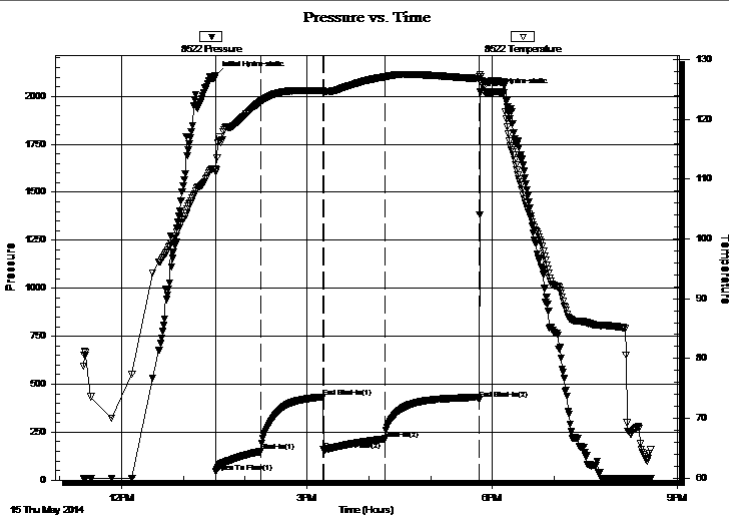
2014.05.15 @ 17:48:15

TEST COMMENT: IF: BOB @ 30 min.

IS: No return.

FF: 6" return.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2106.80	111.70	Initial Hydro-static
1	42.88	111.14	Open To Flow (1)
45	149.50	123.00	Shut-In(1)
105	433.13	124.77	End Shut-In(1)
105	157.21	124.61	Open To Flow (2)
165	215.08	127.13	Shut-In(2)
256	419.84	126.80	End Shut-In(2)
258	2021.26	127.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	mcw 10m 90w (oil spots)	3.51
30.00	go 10g 90o	0.42
0.00	90' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57647

DST#: 1

ATTN: Larry Nicholson

Test Start: 2014.05.15 @ 11:23:00

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:30

Time Test Ended: 20:33:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4230.00 ft (KB) To 4317.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4317.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8678 Inside

Press@RunDepth: psig @ 4231.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.15

End Date: 2014.05.15

Last Calib.: 2014.05.15

Start Time: 11:23:05

End Time: 20:32:15

Time On Btm:

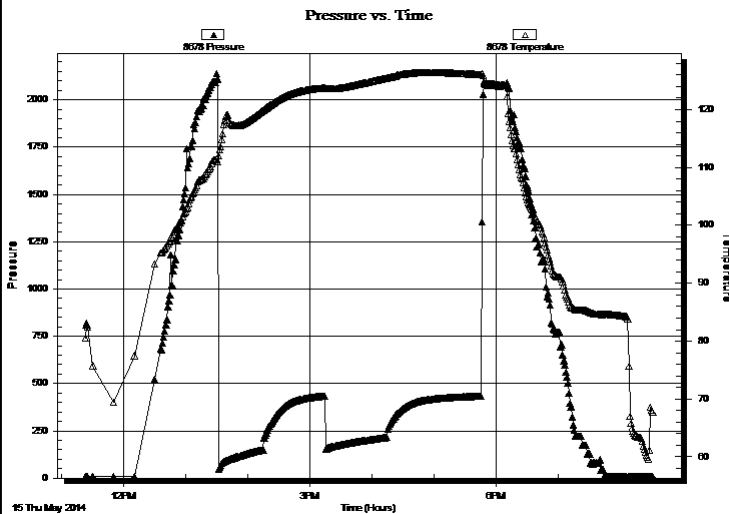
Time Off Btm:

TEST COMMENT: IF: BOB @ 30 min.

IS: No return.

FF: 6" return.

FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
330.00	mcw 10m 90w (oil spots)	3.51
30.00	go 10g 90o	0.42
0.00	90' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57647

DST#: 1

ATTN: Larry Nicholson

Test Start: 2014.05.15 @ 11:23:00

Tool Information

Drill Pipe:	Length: 4092.00 ft	Diameter: 3.80 inches	Volume: 57.40 bbl	Tool Weight: 2500.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4230.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 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			4204.00	
Shut In Tool	5.00			4209.00	
Hydraulic tool	5.00			4214.00	
Jars	5.00			4219.00	
Safety Joint	2.00			4221.00	
Packer	5.00			4226.00	27.00 Bottom Of Top Packer
Packer	4.00			4230.00	
Stubb	1.00			4231.00	
Recorder	0.00	8678	Inside	4231.00	
Recorder	0.00	8522	Outside	4231.00	
Perforations	19.00			4250.00	
Change Over Sub	1.00			4251.00	
Drill Pipe	62.00			4313.00	
Change Over Sub	1.00			4314.00	
Bullnose	3.00			4317.00	87.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57647

DST#: 1

ATTN: Larry Nicholson

Test Start: 2014.05.15 @ 11:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

73000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	mcw 10m 90w (oil spots)	3.509
30.00	go 10g 90o	0.421
0.00	90' GIP	0.000

Total Length: 360.00 ft Total Volume: 3.930 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

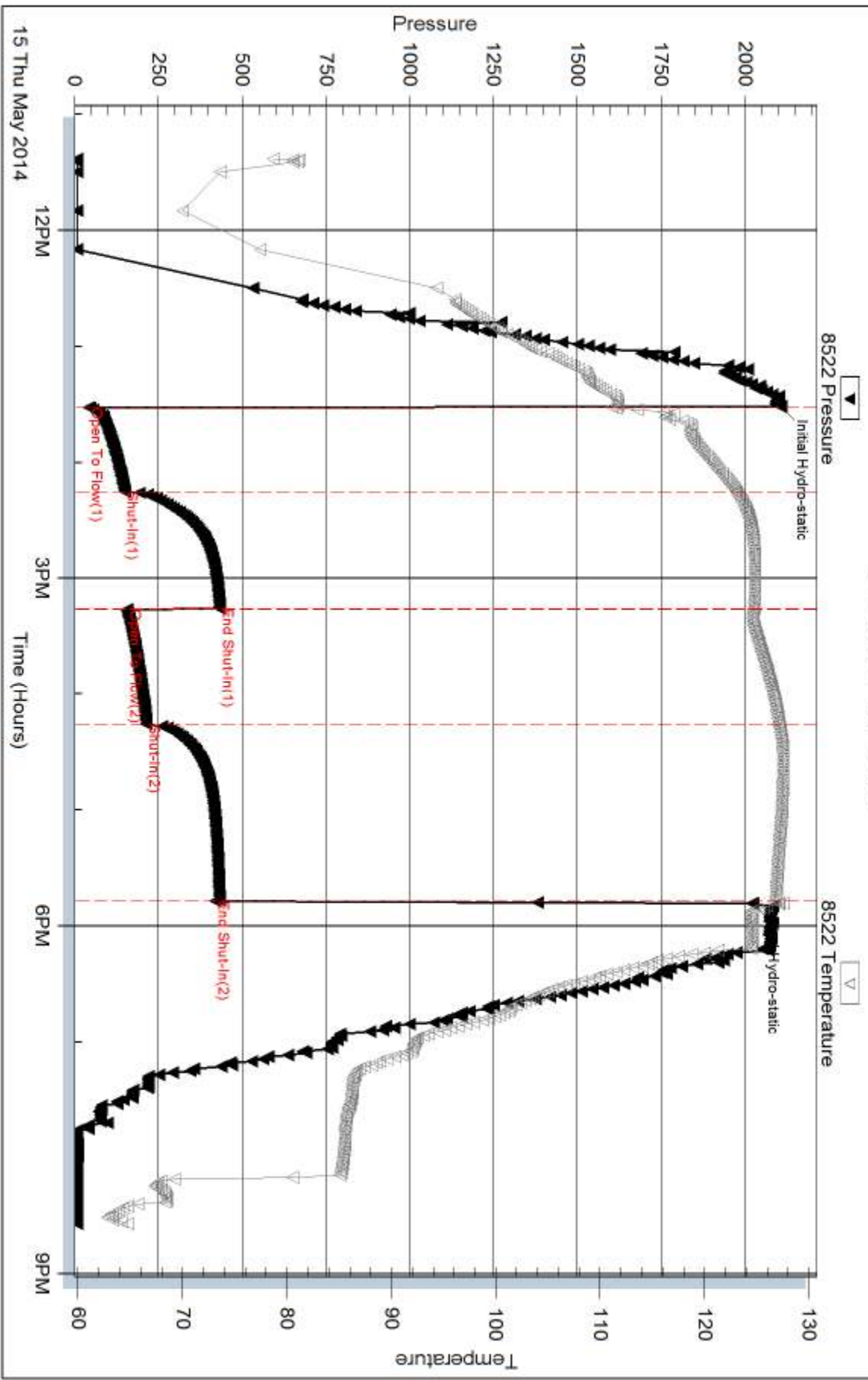
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .123 @ 63F = 73,000ppm

Pressure vs. Time



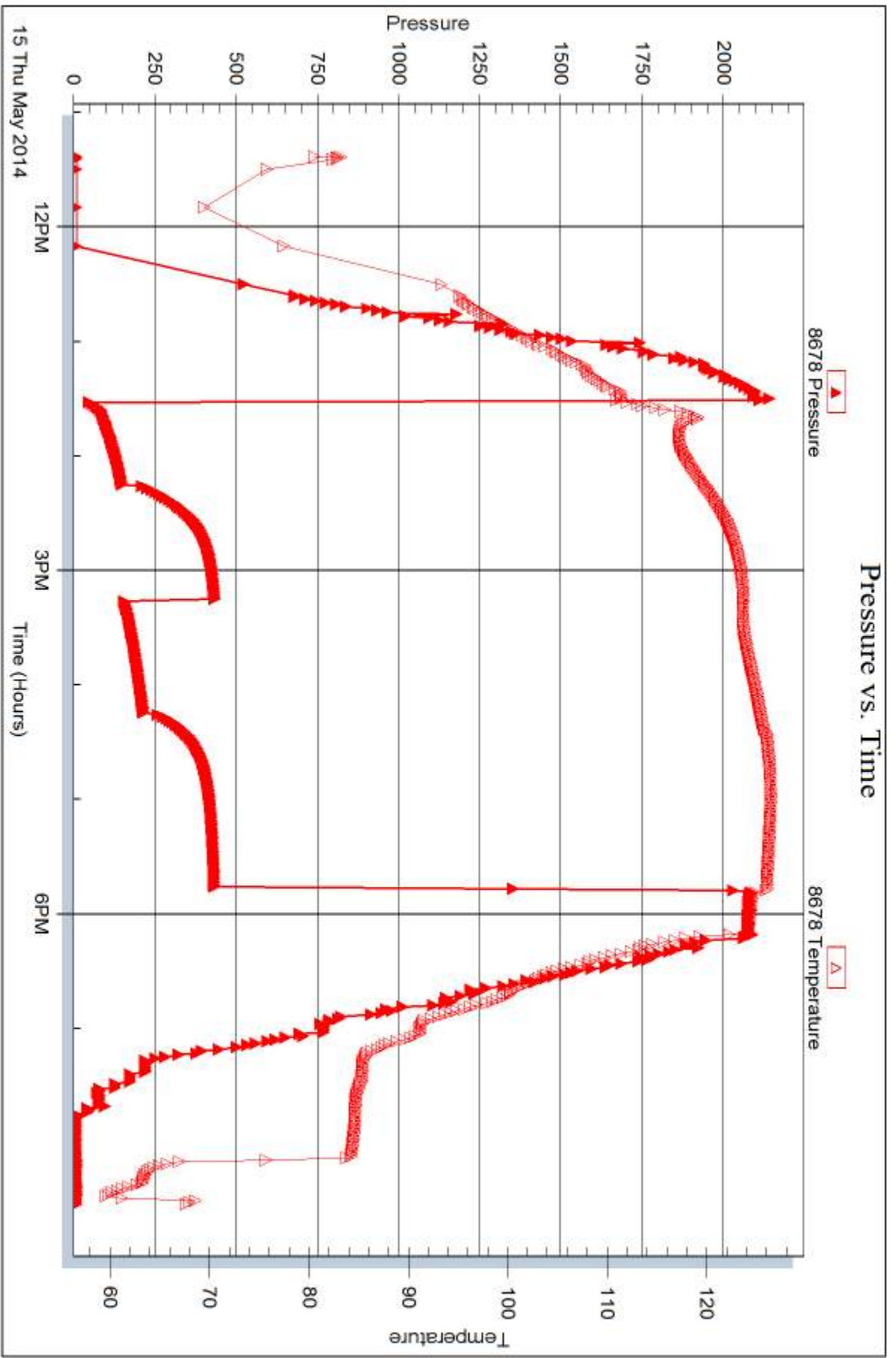
Serial #: 8678

Inside

Forestar Petroleum Corporation

LOF #2-11

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57647

Printed: 2014.05.20 @ 14:58:17



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum Corporation**

1801 Broadway Ste. 600
Denver, CO 80202

ATTN: Larry Nicholson

LCF #2-11

11 17s 29w Lane,KS

Start Date: 2014.05.16 @ 14:11:00

End Date: 2014.05.16 @ 21:54:00

Job Ticket #: 57648 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.20 @ 14:57:42



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57648

DST#: 2

ATTN: Larry Nicholson

Test Start: 2014.05.16 @ 14:11:00

GENERAL INFORMATION:

Formation: **Marmaton - Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:45

Time Test Ended: 21:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4311.00 ft (KB) To 4454.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4454.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: 294.27 psig @ 4312.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.16

End Date:

2014.05.16

Last Calib.:

2014.05.16

Start Time: 14:11:05

End Time:

21:53:59

Time On Btm:

2014.05.16 @ 16:27:00

Time Off Btm:

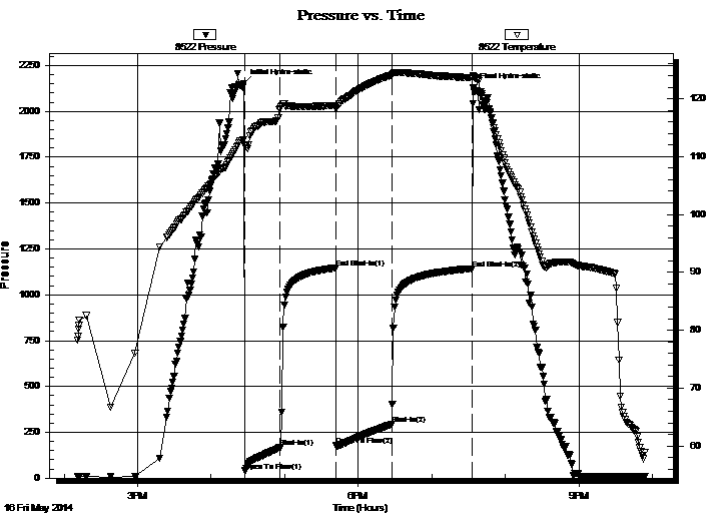
2014.05.16 @ 19:34:00

TEST COMMENT: IF: BOB @ 10 min.

IS: 1" return.

FF: BOB @ 9 min.

FS: 5" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.83	112.94	Initial Hydro-static
1	39.83	111.84	Open To Flow (1)
29	165.92	118.30	Shut-In(1)
75	1146.30	118.85	End Shut-In(1)
76	177.16	118.31	Open To Flow (2)
121	294.27	124.10	Shut-In(2)
186	1141.98	123.60	End Shut-In(2)
187	2129.11	123.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	somcw 1o 24m 75w	3.23
200.00	gmco 30g 25m 45o	2.81
90.00	go 20g 80o	1.26
0.00	940' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57648

DST#: 2

ATTN: Larry Nicholson

Test Start: 2014.05.16 @ 14:11:00

GENERAL INFORMATION:

Formation: **Marmaton - Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:45

Time Test Ended: 21:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4311.00 ft (KB) To 4454.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4454.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8678 Inside

Press@RunDepth: psig @ 4312.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.16

End Date:

2014.05.16

Last Calib.:

2014.05.16

Start Time: 14:11:05

End Time:

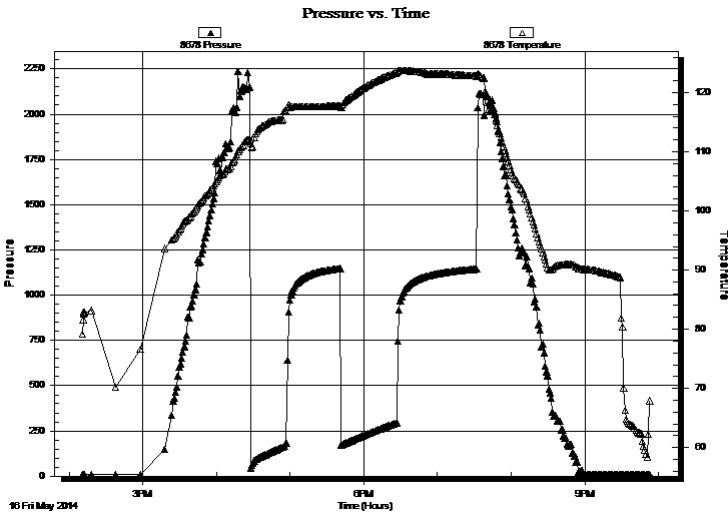
21:52:44

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 10 min.
IS: 1" return.
FF: BOB @ 9 min.
FS: 5" return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
310.00	somcw 1o 24m 75w	3.23
200.00	gmco 30g 25m 45o	2.81
90.00	go 20g 80o	1.26
0.00	940' GIP	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

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57648

DST#: 2

ATTN: Larry Nicholson

Test Start: 2014.05.16 @ 14:11:00

Tool Information

Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2500.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: 59.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4311.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	143.00 ft			
Tool Length:	170.00 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			4285.00	
Shut In Tool	5.00			4290.00	
Hydraulic tool	5.00			4295.00	
Jars	5.00			4300.00	
Safety Joint	2.00			4302.00	
Packer	5.00			4307.00	27.00 Bottom Of Top Packer
Packer	4.00			4311.00	
Stubb	1.00			4312.00	
Recorder	0.00	8678	Inside	4312.00	
Recorder	0.00	8522	Outside	4312.00	
Perforations	13.00			4325.00	
Change Over Sub	1.00			4326.00	
Drill Pipe	124.00			4450.00	
Change Over Sub	1.00			4451.00	
Bullnose	3.00			4454.00	143.00 Bottom Packers & Anchor

Total Tool Length: 170.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57648

DST#: 2

ATTN: Larry Nicholson

Test Start: 2014.05.16 @ 14:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

43000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	somcw 1o 24m 75w	3.228
200.00	gmco 30g 25m 45o	2.805
90.00	go 20g 80o	1.262
0.00	940' GIP	0.000

Total Length: 600.00 ft Total Volume: 7.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

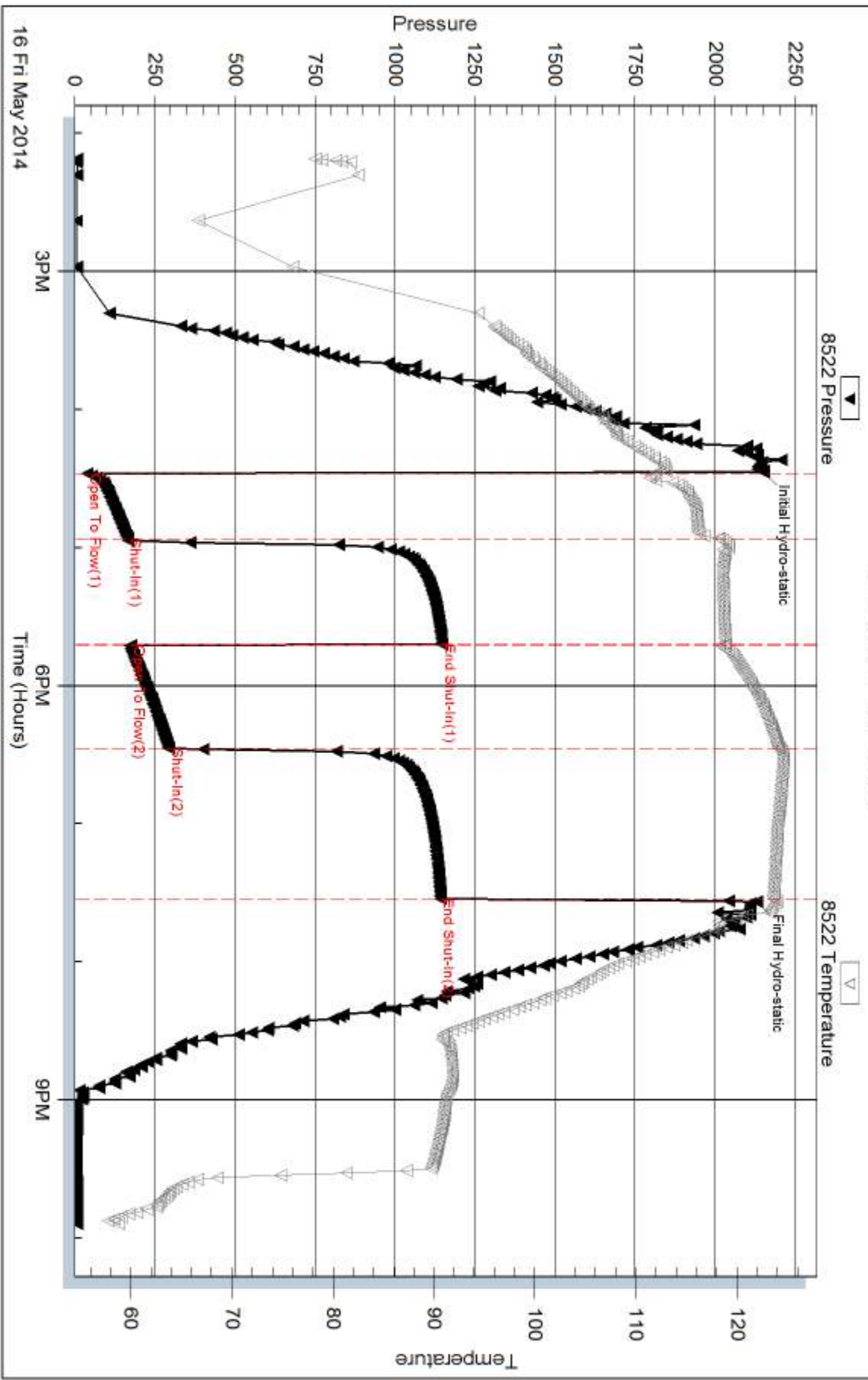
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .190 @ 58

Pressure vs. Time



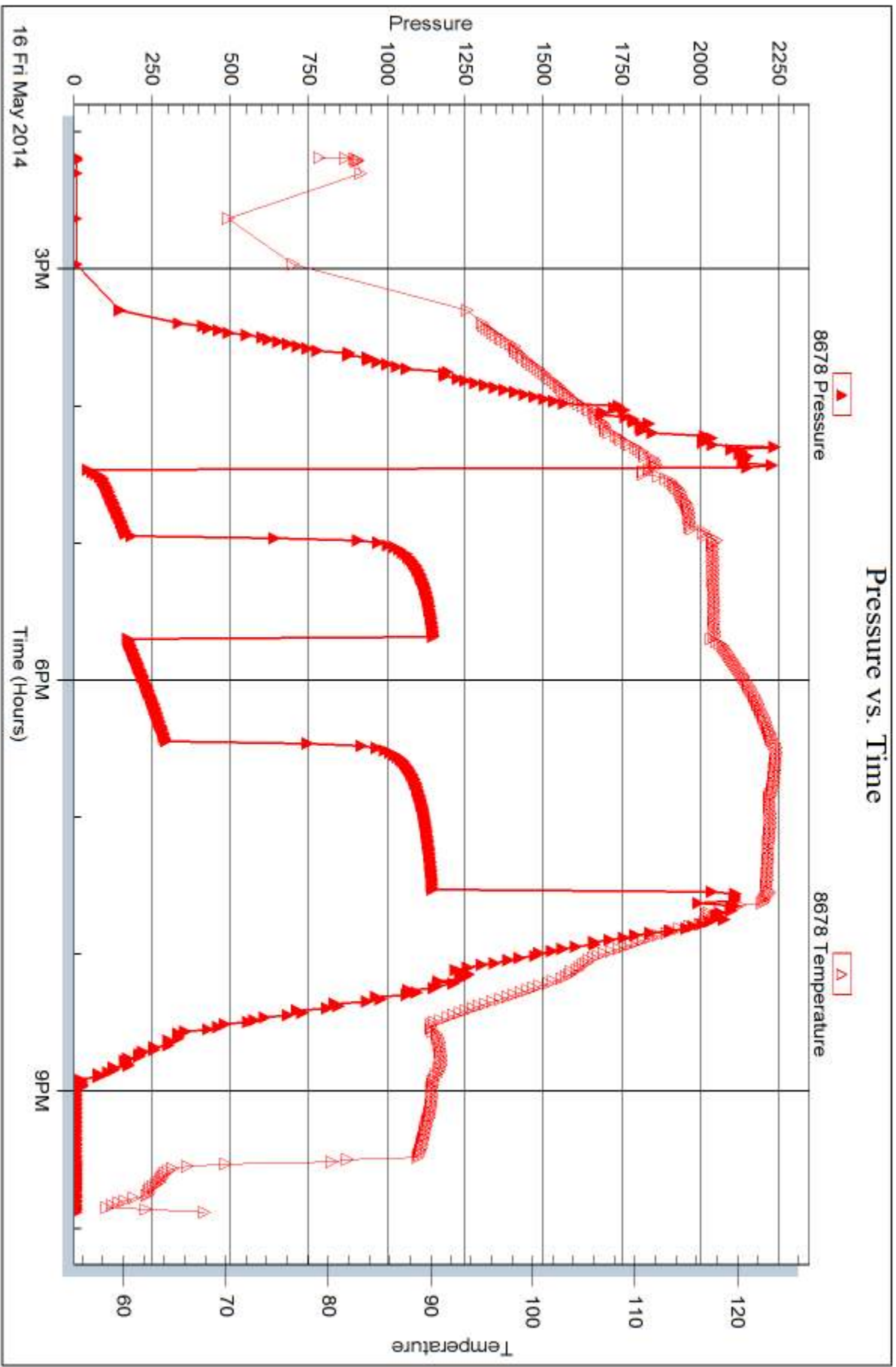
Serial #: 8678

Inside

Forestar Petroleum Corporation

LOF #2-11

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 57648

Printed: 2014.05.20 @ 14:57:43



DRILL STEM TEST REPORT

Prepared For: **Forestar Petroleum Corporation**

1801 Broadway Ste. 600
Denver, CO 80202

ATTN: Larry Nicholson

LCF #2-11

11 17s 29w Lane,KS

Start Date: 2014.05.17 @ 09:33:00

End Date: 2014.05.17 @ 17:35:15

Job Ticket #: 57649 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.20 @ 14:42:31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57649

DST#: 3

ATTN: Larry Nicholson

Test Start: 2014.05.17 @ 09:33:00

GENERAL INFORMATION:

Formation: **Ft Scott - Lower Che**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:36:15

Time Test Ended: 17:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4446.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: 50.14 psig @ 4447.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.17

End Date:

2014.05.17

Last Calib.:

2014.05.17

Start Time: 09:33:05

End Time:

17:35:14

Time On Btm:

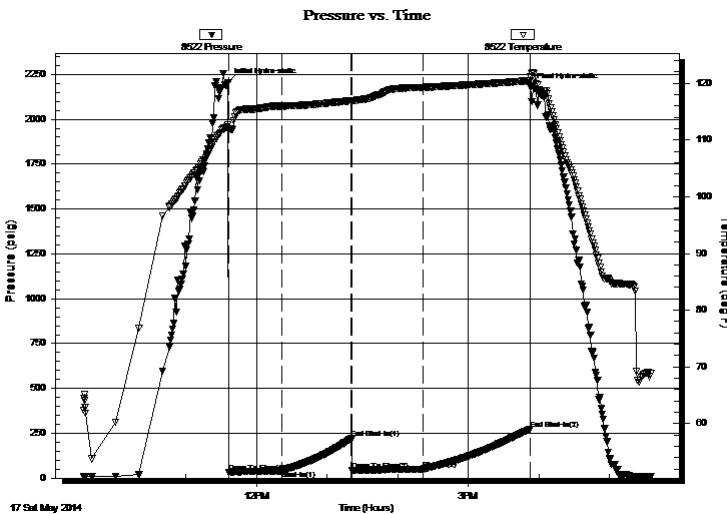
2014.05.17 @ 11:35:45

Time Off Btm:

2014.05.17 @ 15:52:45

TEST COMMENT: IF: 3" blow.
FSI: No return.
FF: 2" return.
FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.61	112.59	Initial Hydro-static
1	29.87	111.88	Open To Flow (1)
46	41.27	115.93	Shut-In(1)
105	221.56	116.93	End Shut-In(1)
106	41.16	116.87	Open To Flow (2)
166	50.14	119.27	Shut-In(2)
257	273.01	120.44	End Shut-In(2)
257	2178.91	121.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 5g 5o 90m	0.30
0.00	120 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57649

DST#: 3

ATTN: Larry Nicholson

Test Start: 2014.05.17 @ 09:33:00

GENERAL INFORMATION:

Formation: **Ft Scott - Lower Che**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:36:15

Time Test Ended: 17:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4446.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 2797.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

2792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8678 Inside

Press@RunDepth: psig @ 4447.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.17

End Date: 2014.05.17

Last Calib.: 2014.05.17

Start Time: 09:33:05

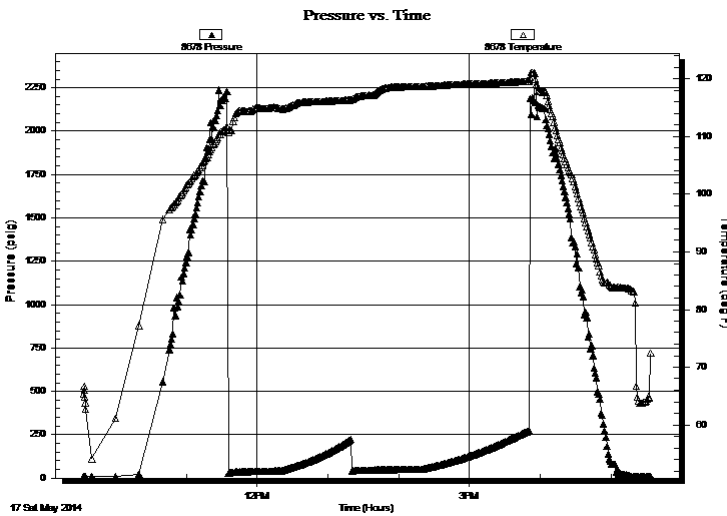
End Time: 17:33:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 3" blow.
FSI: No return.
FF: 2" return.
FSI: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 5g 5o 90m	0.30
0.00	120 GIP	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

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57649

DST#: 3

ATTN: Larry Nicholson

Test Start: 2014.05.17 @ 09:33:00

Tool Information

Drill Pipe:	Length: 4316.00 ft	Diameter: 3.80 inches	Volume: 60.54 bbl	Tool Weight: 2500.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4446.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	116.00 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			4420.00	
Shut In Tool	5.00			4425.00	
Hydraulic tool	5.00			4430.00	
Jars	5.00			4435.00	
Safety Joint	2.00			4437.00	
Packer	5.00			4442.00	27.00 Bottom Of Top Packer
Packer	4.00			4446.00	
Stubb	1.00			4447.00	
Recorder	0.00	8678	Inside	4447.00	
Recorder	0.00	8522	Outside	4447.00	
Perforations	21.00			4468.00	
Change Over Sub	1.00			4469.00	
Drill Pipe	62.00			4531.00	
Change Over Sub	1.00			4532.00	
Bullnose	3.00			4535.00	89.00 Bottom Packers & Anchor

Total Tool Length: 116.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Forestar Petroleum Corporation

11 17s 29w Lane, KS

1801 Broadway Ste. 600
Denver, CO 80202

LCF #2-11

Job Ticket: 57649

DST#: 3

ATTN: Larry Nicholson

Test Start: 2014.05.17 @ 09:33:00

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocm 5g 5o 90m	0.295
0.00	120 GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

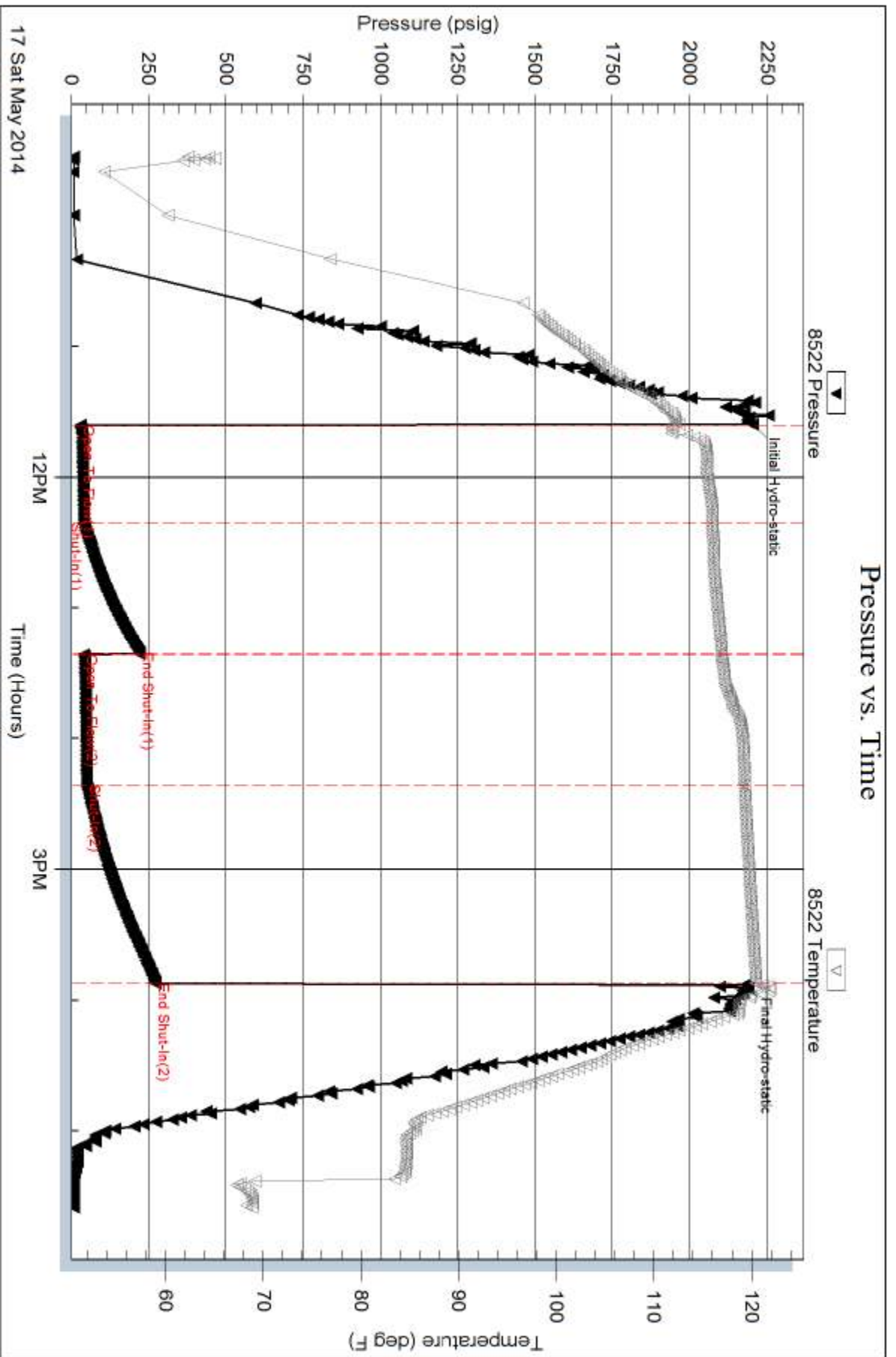
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



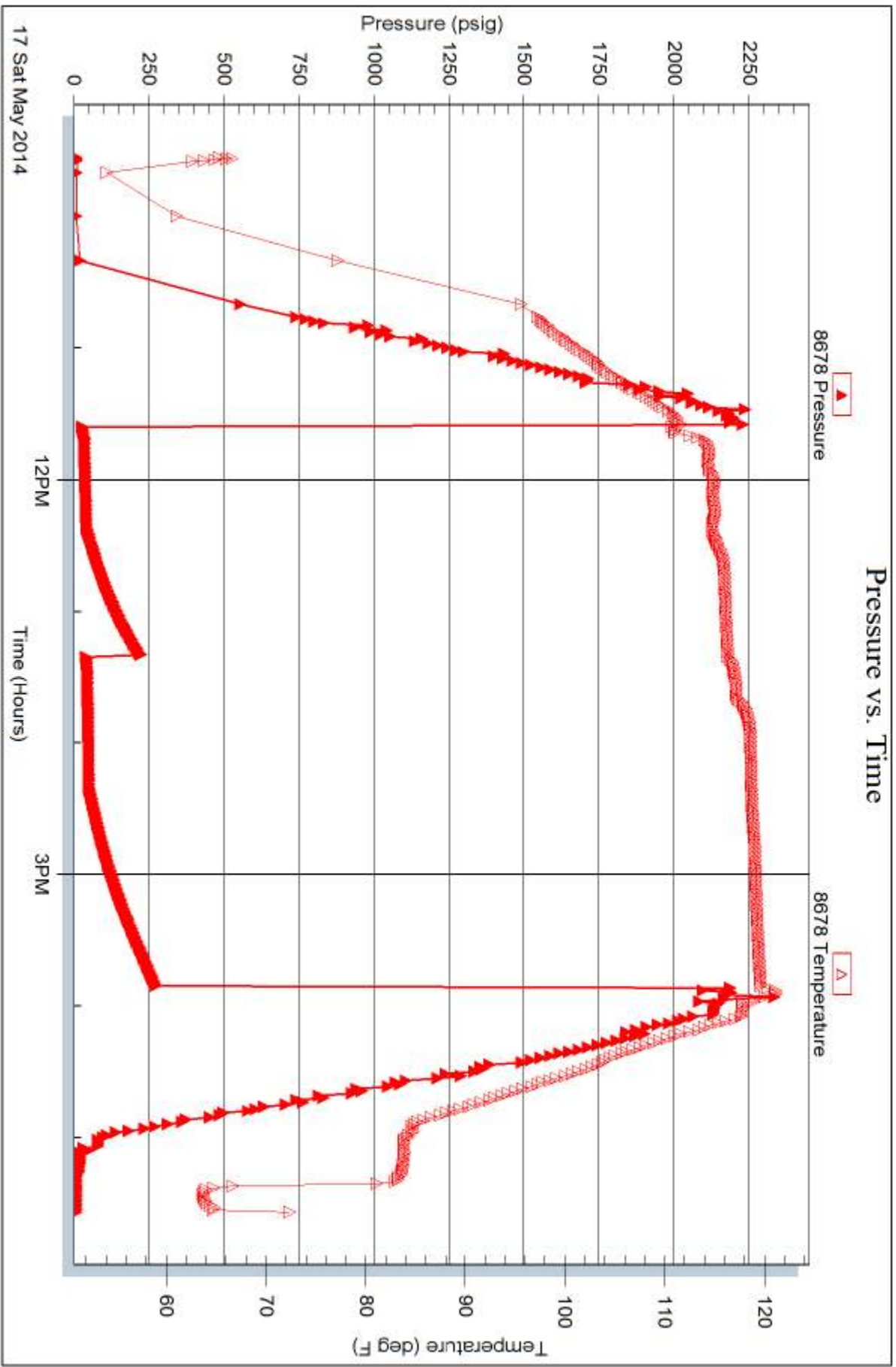
Serial #: 8678

Inside

Forestar Petroleum Corporation

LOF #2-11

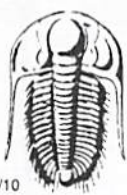
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 57649

Printed: 2014.05.20 @ 14:42:32



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57647

Well Name & No. LCF # 2-11 Test No. 1 Date 5/15/11
 Company Forestar Petroleum Corporation Elevation 2797 KB 2792 GL
 Address 1501 Broadway Ste 600 Denver, Co 80202
 Co. Rep / Geo. Larry Nicholson Rig WW #8
 Location: Sec. 11 Twp. 17S Rge. 29W Co. Lane State Ks

Interval Tested 4230 4317 Zone Tested LKL K-L
 Anchor Length 87' Drill Pipe Run 4092 Mud Wt. 9.2
 Top Packer Depth 4225 Drill Collars Run 123 Vis 54
 Bottom Packer Depth 4230 Wt. Pipe Run 0 WL 5.4
 Total Depth 4317 Chlorides 2400 ppm System LCM 1#

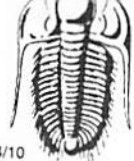
Blow Description IF: BOB @ 30 min.
ISE: No return.
FF: 6" blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>60</u>	<u>10</u>	<u>90</u>		
<u>330</u>	<u>mcw (OIL spots)</u>			<u>90</u>	<u>10</u>
	<u>90' GIP</u>				

Rec Total 360 BHT 127 Gravity 36 API RW .122 @ 63 °F Chlorides 73,000 ppm

(A) Initial Hydrostatic <u>2107</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0915</u>
(B) First Initial Flow <u>43</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1123</u>
(C) First Final Flow <u>150</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1331</u>
(D) Initial Shut-In <u>433</u>	<input checked="" type="checkbox"/> Circ Sub <u>HC</u>	T-Pulled <u>1746</u>
(E) Second Initial Flow <u>157</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2034</u>
(F) Second Final Flow <u>215</u>	<input checked="" type="checkbox"/> Mileage <u>90 RT</u> <u>108.50</u>	Comments
(G) Final Shut-In <u>420</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2021</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1683.50</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1683.50</u>	

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. 57648

Well Name & No. LCF #2-11 Test No. 2 Date 5/16/14
 Company Forestar Petroleum Corporation Elevation 2797 KB 2792 GL
 Address 1801 Broadway Ste 600 Denver, Co 80202
 Co. Rep / Geo. Larry Nicholson Rig WW#8
 Location: Sec. 11 Twp. 17S Rge. 29W Co. Zane State KS

Interval Tested 4311 - 4454 Zone Tested Marmaton - Pawnee
 Anchor Length 143 Drill Pipe Run 4191 Mud Wt. 9.2
 Top Packer Depth 4306 Drill Collars Run 123 Vis 49
 Bottom Packer Depth 4311 Wt. Pipe Run 0 WL 6.0
 Total Depth 4454 Chlorides 2500 ppm System LCM 1#

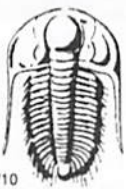
Blow Description IF : BOB@10 min.
ISI : 1" return.
FF : BOB@9 min
FSI : 5" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>60</u>	<u>20</u>	<u>80</u>		
<u>200</u>	<u>6 MC G</u>	<u>30</u>		<u>25</u>	
<u>310</u>	<u>50 MC W</u>		<u>1</u>	<u>75</u>	<u>24</u>
	<u>940' GIP</u>				

Rec Total 600 BHT 126 Gravity 35 API RW 140 @ 58° F Chlorides 43000 ppm

(A) Initial Hydrostatic <u>2149</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1215</u>
(B) First Initial Flow <u>40</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1411</u>
(C) First Final Flow <u>166</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1625</u>
(D) Initial Shut-In <u>1146</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1955</u>
(E) Second Initial Flow <u>177</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2153</u>
(F) Second Final Flow <u>294</u>	<input checked="" type="checkbox"/> Mileage <u>70 RT</u> <u>108.50</u>	Comments <u>* Short Trip</u>
(G) Final Shut-In <u>1142</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2129</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
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1683.50</u>
Final Flow <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>60</u>	Sub Total <u>1683.50</u>	

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

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57649

Well Name & No. LCF #2-11 Test No. 3 Date 5/17/14
 Company Forestar Petroleum Corporation Elevation 2797 KB 2792 GL
 Address 1801 Broadway Ste 600 Denver, Co 80202
 Co. Rep / Geo. Larry Nicholson Rig WW#8
 Location: Sec. 11 Twp. 17s Rge. 29w Co. Lane State KS

Interval Tested 4446 4535 Zone Tested Ft. Scott - Lower Cherokee
 Anchor Length 89 Drill Pipe Run 4316 Mud Wt. 9.4
 Top Packer Depth 4441 Drill Collars Run 123 Vis 65
 Bottom Packer Depth 4446 Wt. Pipe Run 0 WL 220 5.6
 Total Depth 4535 Chlorides 2200 ppm System LCM 1#
 Blow Description IT 3' blow
ISI: No return
FF: 1" blow
FSI: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>60cm</u>	<u>5</u>	<u>5</u>	<u>80</u>	
	<u>120' GIP</u>				

Rec Total 60 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2205</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0900</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0933</u>
(C) First Final Flow <u>41</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1136</u>
(D) Initial Shut-In <u>222</u>	<input checked="" type="checkbox"/> Circ Sub <u>4K</u>	T-Pulled <u>1551</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1735</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>70 RT 217</u>	Comments <u>P/O Tools</u>
(G) Final Shut-In <u>273</u>	<input type="checkbox"/> Sampler	<u>@ 2300 on 5/18</u>
(H) Final Hydrostatic <u>2179</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>800</u>
Final Flow <u>60</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 5.5h</u>	Total <u>2592</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1792</u>	

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.

ALLIED OIL & GAS SERVICES, LLC 053153

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal, ks

DATE <u>5/19/14</u>	SEC. <u>11</u>	TWP. <u>17S</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:45 AM</u>	JOB FINISH <u>4:10 PM</u>
LEASE <u>LCF</u>	WELL # <u>2-11</u>	LOCATION <u>Dighton, ks 5 north to CR-20,</u>			COUNTY <u>Dighton</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>1 1/2 west, South into location</u>					

CONTRACTOR W/W Drilling
 TYPE OF JOB 3 1/2 Production 2 Stage
 HOLE SIZE 7 7/8 T.D. 4664
 CASING SIZE 5 1/2 DEPTH 4652
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DV tool @ 2244.48 DEPTH 2244.48
 PRES. MAX 3500 PSI MINIMUM
 MEAS. LINE SHOE JOINT 21.78
 CEMENT LEFT IN CSG. 21.78
 PERFS.
 DISPLACEMENT 110 bbls / 53 bbls

OWNER Forestar Petroleum
 CEMENT
 AMOUNT ORDERED 125 SKS Class A, 616 NAC 5.5%
175 SKS 2.0 gel, 0.5% Ft-100, 516/sk Gilbert, 0.2%
Deframer, 450 SKS Class, 870 gel, 0.75 lb/sk Flo Seal

EQUIPMENT
 PUMP TRUCK CEMENTER Edgar Rodriguez
#903-550 HELPER Herberto V.
 BULK TRUCK
#865-842 DRIVER Ricardo E.
 BULK TRUCK
#774-744 DRIVER Alex C.

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
Super Flush	12 bbl	@ 275.00	3300.00
ASA-A-Class A	125 SKS	@ 20.90	2612.50
Ft-100	59 #	@ 18.90	1115.10
Gilbert	625 #	@ 0.98	612.50
Powdered Deframer	24 #	@ 9.50	228.00
ALWC-Class A	400 SKS	@ 15.95	6380.00
Flo Seal	300 #	@ 2.97	891.00
ALWC-Class A	50 SKS	@ 15.95	797.50
Flo Seal	38 #	@ 2.97	112.86

REMARKS:

2890.20 / 18% TOTAL 16056.66

SERVICE

DEPTH OF JOB			<u>4652'</u>
PUMP TRUCK CHARGE	1	3099.25	3099.25
Stage Job	1	@ 2406.25	2406.25
MILEAGE Light vehicle	50 mi	@ 4.40	220.00
MANIFOLD	1	@ 275.00	275.00
Heavy Vehicle	50 mi	@ 7.70	385.00
Handling	70266 ft ³	@ 2.48	1742.66
Drainage	1419.52 ton mile	2.60	3690.75
Additional Hrs	2	440.00	880.00
<u>2285.80 / 18% TOTAL</u>			<u>12,695.91</u>

PLUG & FLOAT EQUIPMENT

Afu Float Shoe	1	545.00	545.00
Catchdown Plug	1	@ 325.00	325.00
Stage collar-standard	1	@ 5335.00	5335.00
Cement Basket	2	@ 375.00	750.00
Centralizer	8	@ 57.00	456.00
Turbolizer	2	@ 93.40	186.80
<u>1374.88 / 18% TOTAL</u>			<u>7638.20</u>

CHARGE TO: Forestar Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 36,313.77
 DISCOUNT 6,550.88 / 18% IF PAID IN 30 DAYS

PRINTED NAME Steve Shelton
 SIGNATURE Steve Shelton

NET = 29,842.89

