



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1155287  
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: \_\_\_\_\_



1155287

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Forestar Petroleum Corporation
Well Name	John Alan 1-22
Doc ID	1155287

All Electric Logs Run

Dual Induction Log
Dual Compensated Porosity Log
Microresistivity
Borehole Compensated Sonic
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Forestar Petroleum Corporation
Well Name	John Alan 1-22
Doc ID	1155287

Tops

Name	Top	Datum
Anhydrite	2205	601
Topeka	3705	-897
Toronto	3961	-1153
LKC	3980	-1174
BKC	4377	-1523
Marmaton	4253	-1447
Pawnee	4439	-1633
Mississippian	4581	-1775

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 14, 2013

Jack Renfro  
Forestar Petroleum Corporation  
1801 BROADWAY Suite 600  
DENVER, CO 80202-3858

Re: ACO1  
API 15-101-22434-00-00  
John Alan 1-22  
SE/4 Sec.22-17S-29W  
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Jack Renfro



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Forestar Petroleum Corp  
 1801 Broadway #900  
 Denver Co 80202  
 ATTN: Jeff Lawler

**22-17-29 Lane Co KS**  
**John Allen 1-22**  
 Job Ticket: 50189 **DST#: 1**  
 Test Start: 2013.04.24 @ 19:37:15

## GENERAL INFORMATION:

Formation: **LKC H-K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:25:00  
 Time Test Ended: 02:44:30  
 Interval: **4136.00 ft (KB) To 4277.00 ft (KB) (TVD)**  
 Total Depth: 4277.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 2806.00 ft (KB)  
 2801.00 ft (CF)  
 KB to GR/CF: 5.00 ft

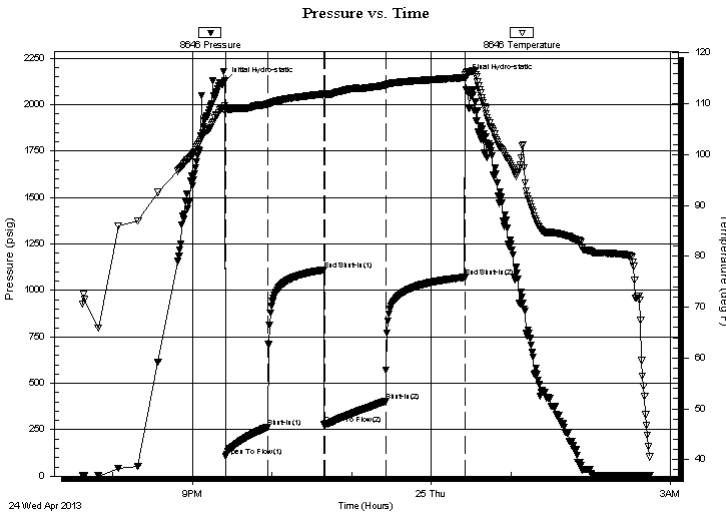
## Serial #: 8646

Inside

Press @ Run Depth: 403.27 psig @ 4137.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.04.24 End Date: 2013.04.25 Last Calib.: 2013.04.25  
 Start Time: 19:37:15 End Time: 02:44:30 Time On Btm: 2013.04.24 @ 21:24:30  
 Time Off Btm: 2013.04.25 @ 00:25:45

TEST COMMENT: IF:BOB in 5 min.  
 IS:Return blow built to 1"  
 FF:BOB in 9 min.  
 FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.00	109.63	Initial Hydro-static
1	105.93	109.04	Open To Flow (1)
32	265.21	109.89	Shut-In(1)
75	1109.85	111.92	End Shut-In(1)
76	277.98	111.75	Open To Flow (2)
121	403.27	113.68	Shut-In(2)
181	1070.35	115.12	End Shut-In(2)
182	2141.13	115.66	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
124.00	mcw 50% m 50% w	0.61
186.00	gcom 15% g 25% o 60% m	2.61
124.00	gcom 10% g 30% o 60% m	1.74
124.00	gcmo 20% g 30% m 50% o	1.74
124.00	free oil 100% o	1.74

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Forestar Petroleum Corp

**22-17-29 Lane Co KS**

1801 Broadway #900  
Denver Co 80202

**John Allen 1-22**

Job Ticket: 50189

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2013.04.24 @ 19:37:15

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	mcw 50%m 50%w	0.610
186.00	gcom 15%g 25%o 60%m	2.609
124.00	gcom 10%g 30%o 60%m	1.739
124.00	gcmo 20%g 30%m 50%o	1.739
124.00	free oil 100%o	1.739

Total Length: 682.00 ft

Total Volume: 8.436 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

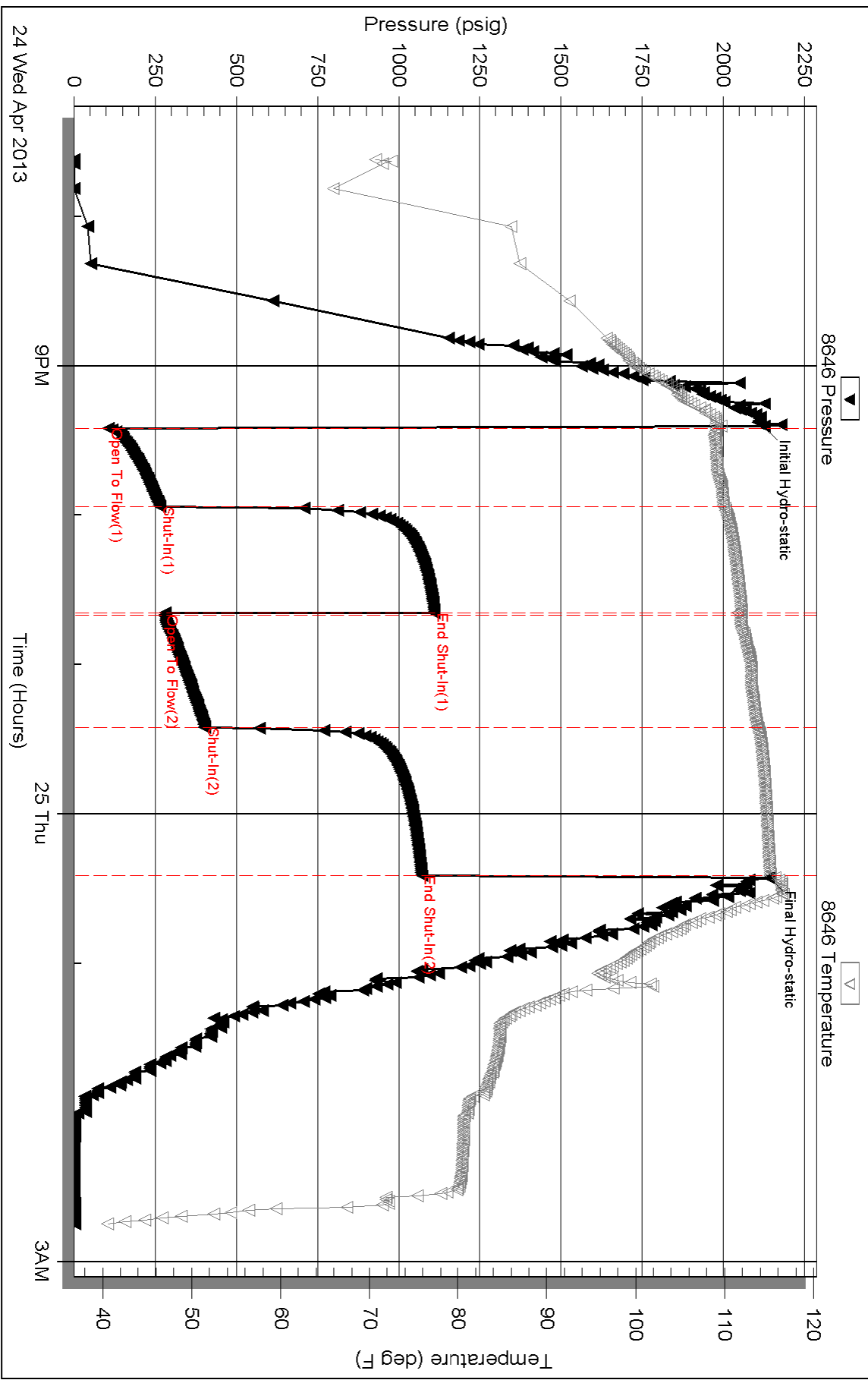
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Forestar Petroleum Corp  
1801 Broadway #900  
Denver Co  
80202  
ATTN: Jeff Lawler

**22-17-29 Lane Co KS**

**John Alan 1-22**

Job Ticket: 50190

**DST#: 2**

Test Start: 2013.04.25 @ 16:30:15

## GENERAL INFORMATION:

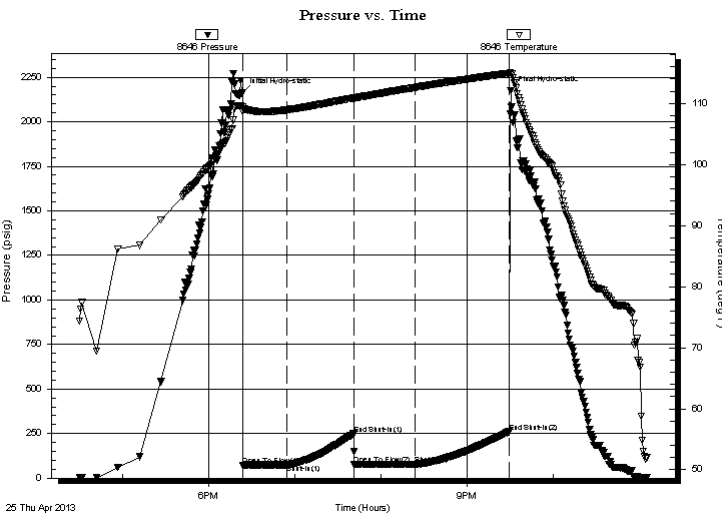
Formation: **L**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**  
 Time Tool Opened: **18:24:00** Tester: **Mike Roberts**  
 Time Test Ended: **23:05:45** Unit No: **65**  
**Interval: 4276.00 ft (KB) To 4387.00 ft (KB) (TVD)** Reference Elevations: **2806.00 ft (KB)**  
 Total Depth: **4387.00 ft (KB) (TVD)** **2801.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **5.00 ft**

## Serial #: 8646

**Inside**

Press @ Run Depth: **76.96 psig @ 4277.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2013.04.25** End Date: **2013.04.25** Last Calib.: **2013.04.25**  
 Start Time: **16:30:15** End Time: **23:05:45** Time On Btm: **2013.04.25 @ 18:23:45**  
 Time Off Btm: **2013.04.25 @ 21:30:30**

TEST COMMENT: IF: Built to 1/4"  
 IS: No return blow  
 FF: No blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.45	109.40	Initial Hydro-static
1	73.24	108.65	Open To Flow (1)
31	74.89	108.93	Shut-In(1)
78	248.43	110.89	End Shut-In(1)
78	76.11	110.86	Open To Flow (2)
121	76.96	112.62	Shut-In(2)
186	259.52	114.94	End Shut-In(2)
187	2173.50	114.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Forestar Petroleum Corp  
1801 Broadway #900  
Denver Co  
80202  
ATTN: Jeff Lawler

**22-17-29 Lane Co KS**  
**John Alan 1-22**  
Job Ticket: 50190      **DST#: 2**  
Test Start: 2013.04.25 @ 16:30:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% m	0.025

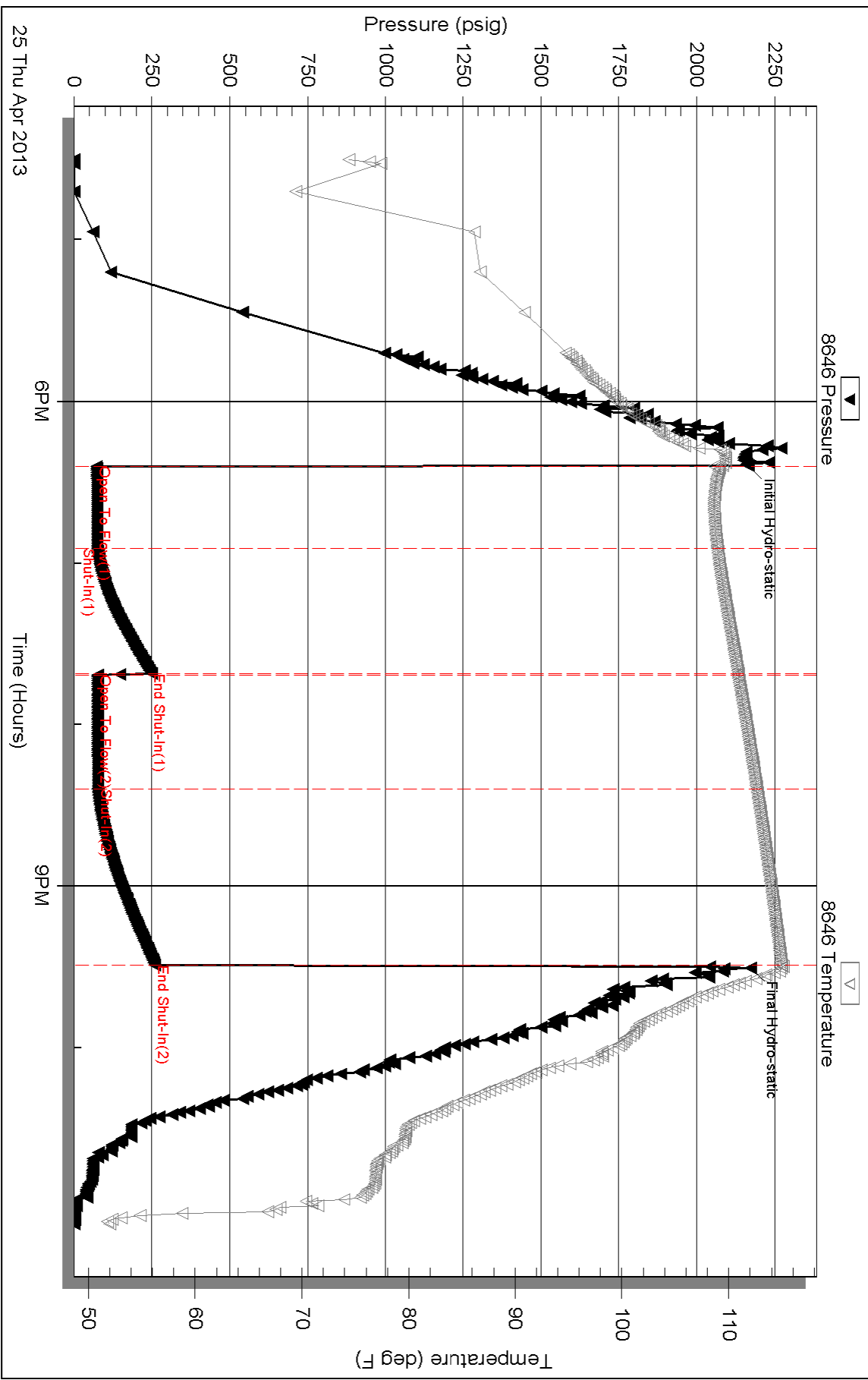
Total Length: 5.00 ft      Total Volume: 0.025 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Forestar Petroleum Corp  
 1801 Broadway #900  
 Denver Co 80202  
 ATTN: Jeff Lawler

**22-17-29 Lane Co KS**

**John Alan 1-22**

Job Ticket: 50191

**DST#: 3**

Test Start: 2013.04.26 @ 11:23:15

## GENERAL INFORMATION:

Formation: **Altamont-Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:15:45

Time Test Ended: 17:40:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **4384.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Reference Elevations: 2806.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

2801.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8646**

**Inside**

Press @ Run Depth: 70.87 psig @ 4385.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.26

End Date:

2013.04.26

Last Calib.:

2013.04.26

Start Time: 11:23:15

End Time:

17:40:30

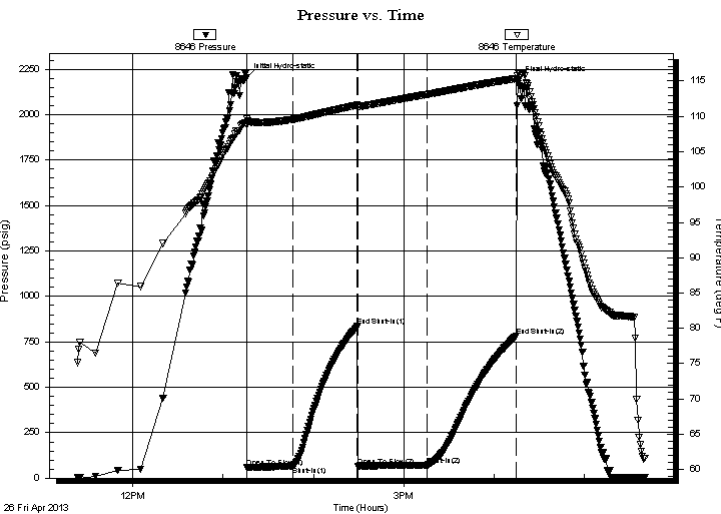
Time On Btm:

2013.04.26 @ 13:15:30

Time Off Btm:

2013.04.26 @ 16:16:00

TEST COMMENT: IF: Built to 1/2" blow  
 IS: No return blow  
 FF: No blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.06	109.63	Initial Hydro-static
1	57.89	108.74	Open To Flow (1)
31	64.61	109.58	Shut-In(1)
74	834.23	111.59	End Shut-In(1)
75	66.40	111.39	Open To Flow (2)
120	70.87	113.10	Shut-In(2)
180	782.43	115.36	End Shut-In(2)
181	2185.25	116.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots	0.02

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Forestar Petroleum Corp  
1801 Broadway #900  
Denver Co  
80202  
ATTN: Jeff Lawler

**22-17-29 Lane Co KS**  
**John Alan 1-22**  
Job Ticket: 50191      **DST#: 3**  
Test Start: 2013.04.26 @ 11:23:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud with oil spots	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 #: 8646

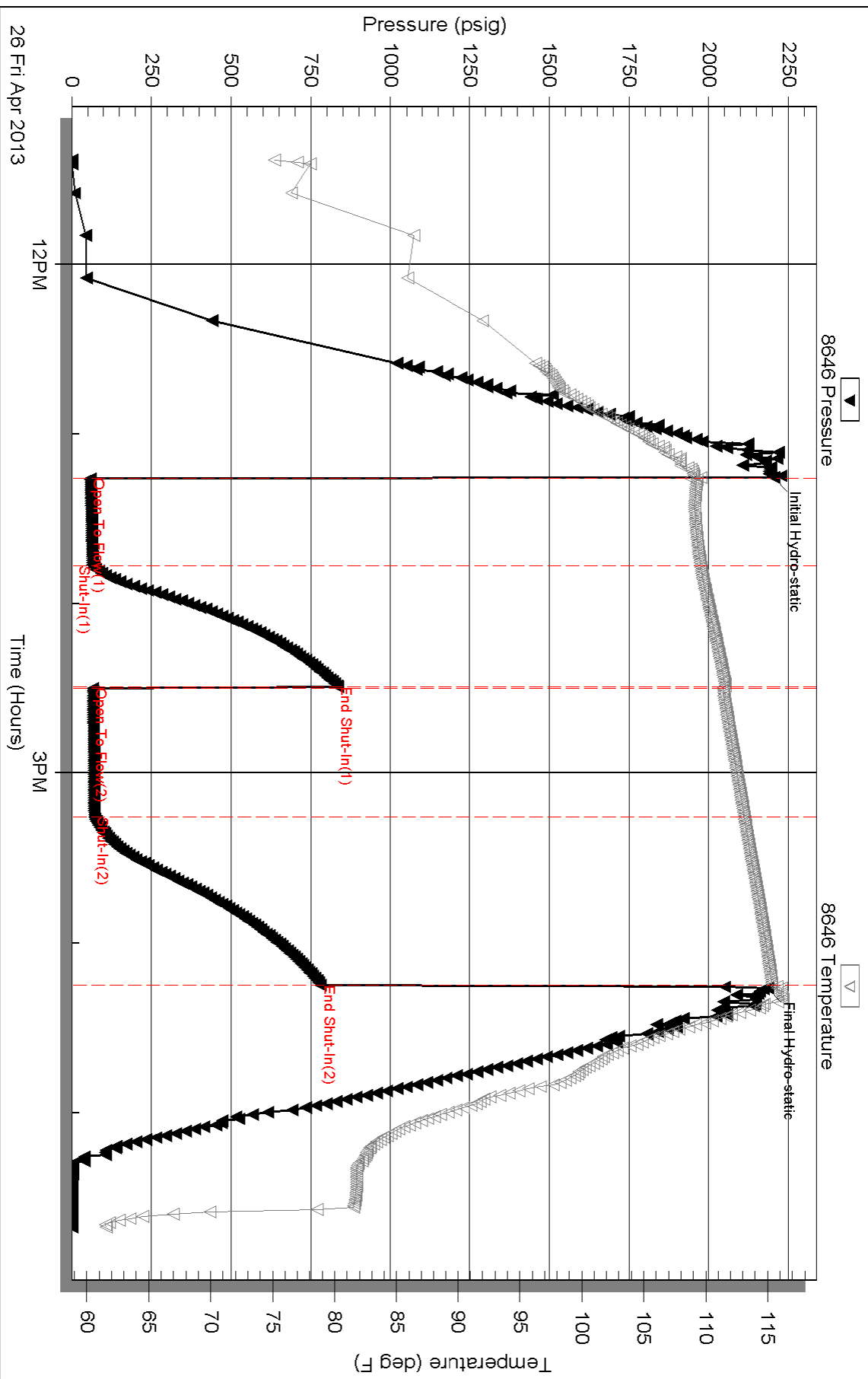
Inside

Forestar Petroleum Corp

John Alan 1-22

DST Test Number: 3

# Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Forestar Petroleum Corp  
 1801 Broadway #900  
 Denver Co 80202  
 ATTN: Jeff Lawler

**22-17-29 Lane Co KS**

**John Alan 1-22**

Job Ticket: 50192

**DST#: 4**

Test Start: 2013.04.27 @ 06:06:15

## GENERAL INFORMATION:

Formation: **Cherokee- Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:58:30

Time Test Ended: 12:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4482.00 ft (KB) To 4580.00 ft (KB) (TVD)**

Reference Elevations: 2806.00 ft (KB)

Total Depth: 4580.00 ft (KB) (TVD)

2801.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

## Serial #: 8646

Press @ Run Depth: 72.57 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.27 End Date: 2013.04.27

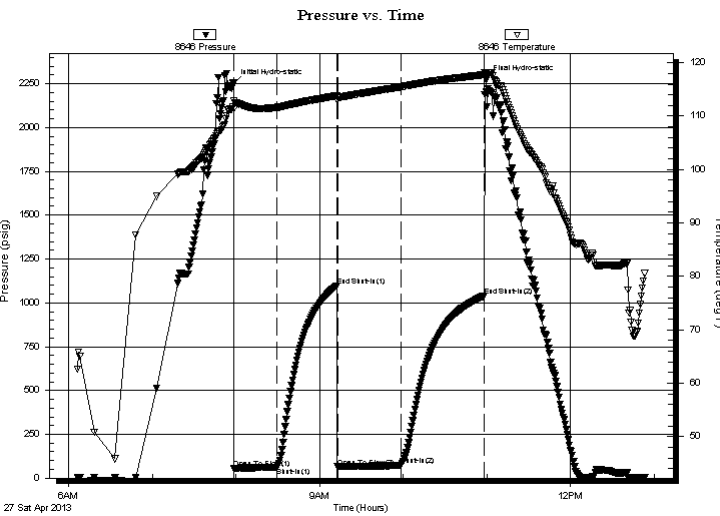
Last Calib.: 2013.04.27

Start Time: 06:06:15 End Time: 12:53:15

Time On Btm: 2013.04.27 @ 07:58:15

Time Off Btm: 2013.04.27 @ 10:59:30

TEST COMMENT: IF: Built to 1" blow  
 IS: No return blow  
 FF: No blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.12	112.78	Initial Hydro-static
1	54.12	111.45	Open To Flow (1)
32	62.51	111.63	Shut-In(1)
75	1097.03	113.82	End Shut-In(1)
75	64.35	113.09	Open To Flow (2)
121	72.57	115.47	Shut-In(2)
180	1038.62	117.74	End Shut-In(2)
182	2271.32	118.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud with oil spots	0.15

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Forestar Petroleum Corp  
1801 Broadway #900  
Denver Co  
80202  
ATTN: Jeff Lawler

**22-17-29 Lane Co KS**  
**John Alan 1-22**  
Job Ticket: 50192      **DST#: 4**  
Test Start: 2013.04.27 @ 06:06:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

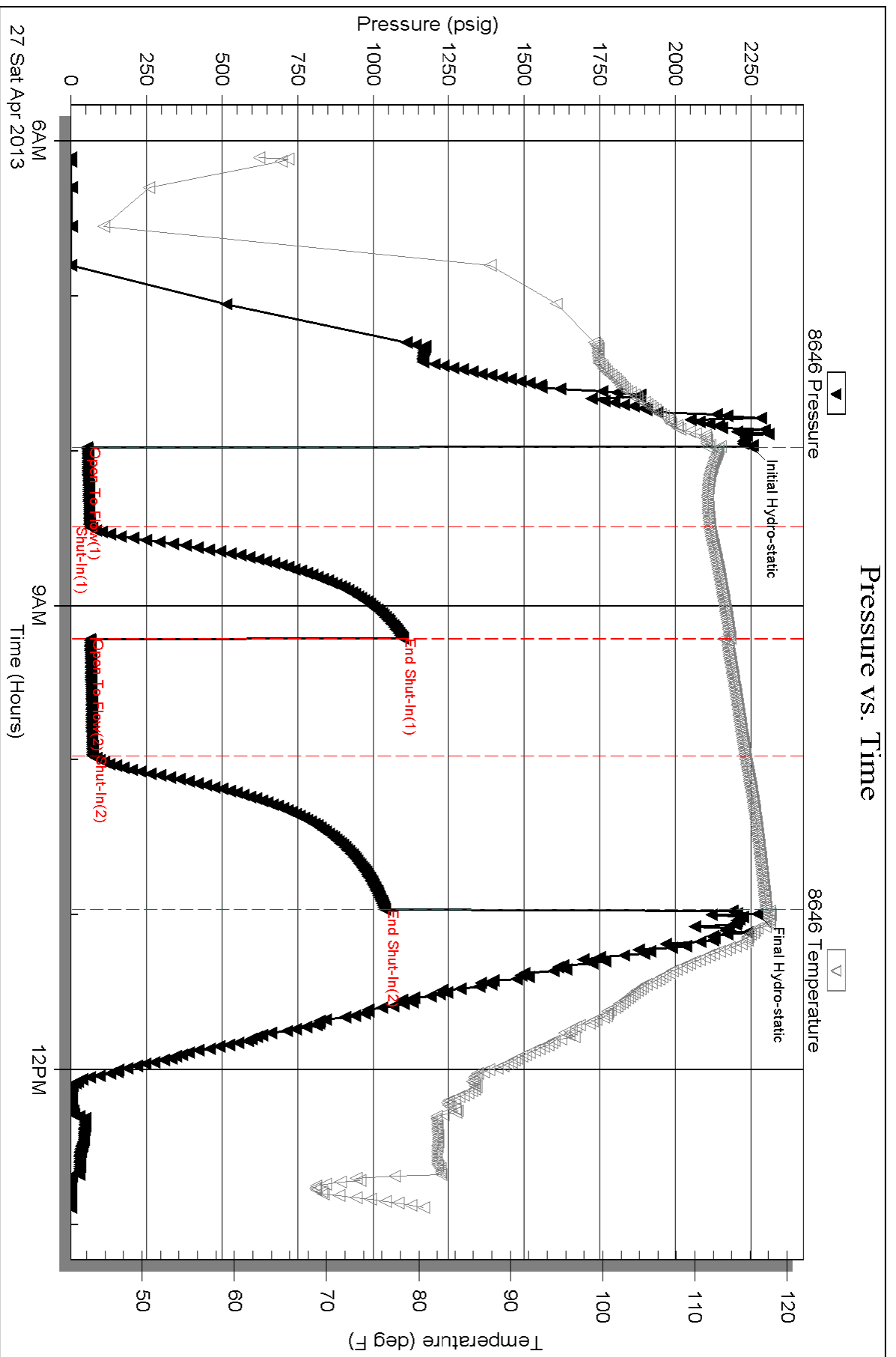
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud w ith oil spots	0.148

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:







**CONSOLIDATED**  
Oil Well Services, LLC

258172

TICKET NUMBER 39438

LOCATION Oakley W

FOREMAN Miles Shaw

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-20-13	2930	John Allen #1-22	22	17S	29W	Lane
CUSTOMER Forester Petroleum						
MAILING ADDRESS						
CITY						
STATE						
ZIP CODE						
D. ghton 6W 3W W.S						
TRUCK #		DRIVER		TRUCK #		DRIVER
456 T118		M. Ko P				
397		T. Ed W				

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 302 CASING SIZE & WEIGHT 2 7/8 29#  
 CASING DEPTH 294.79 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 20'  
 DISPLACEMENT 17 1/2 bbl/s DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on WW drilling #8. Circulate casing mix  
175 SWS common class A cement with 3% Calcium Chloride 20 gal displace 17 1/2 bbl/s  
displace mud water cement did circulate 3 bbl/s to pit

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405		PUMP CHARGE	1085 <sup>00</sup>	1085 <sup>00</sup>
5406	35	MILEAGE	5 <sup>00</sup>	175 <sup>00</sup>
5407	8.22 Tons	Ton Mileage delivery	1.67	479.15
1104S	175 SWS	Common Class A Cement	17.65	3088.75
1102	493 #	Calcium chloride	.89	438.77
1119B	329 #	Bentonite gel	.25	82.25
			Subtotal	5349.92
			less 10% discount	534.90
			Subtotal	4814.02
			SALES TAX	204.67
			ESTIMATED TOTAL	5018.69

completed

Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

258364

TICKET NUMBER 39906

LOCATION Oakley, KS

FOREMAN Kelly Gabel  
Walt Dinkel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-28-13	2930	John allen #1-22	22	17 <sup>3</sup>	29 <sup>W</sup>	Lane
CUSTOMER Forestar Petroleum		Dight 6 N 3 W N. 5.	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Damon		
CITY			566	Jordan		
STATE			460	Mike		
ZIP CODE			528	Jeremy		

JOB TYPE Prod-DV HOLE SIZE 7 7/8 HOLE DEPTH 4680 CASING SIZE & WEIGHT 5 1/2 15.5#  
 CASING DEPTH 4372 DRILL PIPE \_\_\_\_\_ TUBING DV Top #49 OTHER DV @ 2340'  
 SLURRY WEIGHT 4 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, rigged up on 6240# 2, ran float equipment on JT # cent #3, 5, 7, 9, 11, 13, 15, 17 Baskets 3, 47, 51 DV Top #49 ran pipe to bottom & circulated for 1 hr. pumped 5 bbl water mud flush, 5 bbl water, mixed 50 SKS 60/40 Poz 8% gel 1/4# Flo-seal tailed in with 140 SKS OWC 5# Kol-seal, released plug & displaced with 50 bbl water & 52 bbl mud with a lift pressure of 700# plug landed @ 1200#, dropped DV bomb opened tool @ 900#, circulated for 30 min mixed 30 SKS 60/40 Poz 8% gel 1/4# Flo-seal, mixed 600 SKS 60/40 Poz 8% gel 1/4# Flo-seal down center, released plug & displaced with 55 bbl water, cement did circulate.  
Thank You Walt, Kelly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401c	1	PUMP CHARGE	3175.00	3175.00
5406	40	MILEAGE	5.25	210.00
1126	140 SKS	OWC	23.70	3318.00
110A	700#	Kol-seal	.56	392.00
1131	630 SKS	60/40 Poz	15.86	9991.80
118B	4334#	Bentonite	.27	1170.18
1107	157#	Flo-seal	2.92	466.39
5407A	33.67	Ton Mileage delivery	1.25	2357.30
1144G	500 gal	mud flush	1.00	500.00
4104	3	5 1/2 basket (w)	290.00	870.00
4159	1	5 1/2 AFU Float shoe (R)	433.75	433.75
4130	9	5 1/2 centralizer (R)	61.00	549.00
4283	1	DV Tool (w)	4042.50	4042.50
4454	1	5 1/2 latchdown easy/w plug (R)	318.25	318.25
				28,551.42
				2855.15
				25,696.27
				1293.29
				26989.61

**Completed**

8:15 PM AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 4-28-13

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