



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1177574
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: _____

1177574

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

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	Younger Energy Company
Well Name	Jost 1-27
Doc ID	1177574

All Electric Logs Run

Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log
Borehole Compensated Sonic Log
Computer Processed Interpretation
Mud Log / Geologist Report

Form	ACO1 - Well Completion
Operator	Younger Energy Company
Well Name	Jost 1-27
Doc ID	1177574

Tops

Name	Top	Datum
Queen Hill	3266	-1294
Heebner	3370	-1398
Douglas	3404	-1432
Brown Lime	3478	-1506
Lansing	3488	-1516
Lansing G	3580	-1608
Lansing H	3614	-1642
Stark	3669	-1697
Base KC	3720	-1748
Conglomerate	3804	-1832
Viola	3820	-1848
Simpson	3858	-1886
Arbuckle	3911	-1939

OPERATOR

Company: Younger Energy Company
 Address: 9415 E. Harry St.
 Suite 403, Bldg 400
 Wichita, KS 67207

Contact Geologist:
 Contact Phone Nbr: 316-681-2542
 Well Name: Jost #1-27
 Location: Sec. 27 - T21S - R15W
 Pool:
 State: Kansas

API: 15-145-21740-0000
 Field: Hurray North
 Country: USA



Scale 1:240 Imperial

Well Name: Jost #1-27
 Surface Location: Sec. 27 - T21S - R15W
 Bottom Location:
 API: 15-145-21740-0000
 License Number: 30705
 Spud Date: 11/16/2013
 Region: Pawnee County
 Drilling Completed: 11/24/2013
 Surface Coordinates: 875' FSL & 685' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 1961.00ft
 K.B. Elevation: 1972.00ft
 Logged Interval: 3200.00ft
 Total Depth: 3985.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

Time: 10:00
 Time: 01:15
 To: 3985.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 N/S Co-ord: 875' FSL
 E/W Co-ord: 685' FWL

Latitude:

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136

Name: Keith Reavis

CONTRACTOR

Contractor: Duke Drilling Company
 Rig #: 10
 Rig Type: mud rotary
 Spud Date: 11/16/2013
 TD Date: 11/24/2013
 Rig Release:

Time: 10:00
 Time: 01:15
 Time:

ELEVATIONS

K.B. Elevation: 1972.00ft
 K.B. to Ground: 11.00ft

Ground Elevation: 1961.00ft

NOTES

Due to negative results of DST #1 and DST #3 conducted in the Conglomerate/Viola, as well as low structural position and lack of shows in the Arbuckle, it was determined by all parties that the Jost #1-27 be plugged and abandoned as a dry test.

A Bloodhound gas detection system operated by Bluestem Environmental Engineering was employed on this well. ROP and gas curves were imported from the Bloodhound into this report. Gamma ray and caliper curves were also imported from the electrical log suite. Log tops were generally within a foot or two of ROP/sample tops, therefore, no curves were shifted to provide an exact match, but were left as recorded in the field.

Respectfully submitted,
 Keith Reavis

Younger Energy Company
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
11/21/2013	3161	Geologist Keith Reavis on location @ 1230 hrs, 3285 ft, drilling ahead Queen Hill, Heebner, Toronto, Douglas, Lansing
11/22/2013	3628	drilling ahead, Lansing, BKC, Marmaton, Conglomerate
11/23/2013	3862	drilling Conglomerate, Viola, conduct short trip at 3750, show in Viola chert warrants test, TOH w/bit, in w/tools, conduct and complete DST #1, successful test, TIH w/bit, resume drilling, Simpson, Arbuckle
11/24/2013	3985	rathole ahead to TD in Arbuckle, TD @ 0115 hrs, ctch, TOH for logs, conduct logging operations, run in hole with tools after logs for DST #2 (straddle test of Viola), packer failure, pull tools and reset upper packer, back in hole, conduct DST #3, complete DST #3
11/24/2013	3985	lay down tools, decide to plug well, geologist off location 0200 hrs

Younger Energy Company
well comparison sheet

DRILLING WELL					COMPARISON WELL			
Younger - Jost #1-27					F & M - Jost #1			
875' FSL & 987' FWL					SE SW SW			
Sec. 27-T21S-R15W					Sec. 27-T21S-R15W			
1972 KB					1976	KB	Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Queen Hill	3267	-1295	3266	-1294	3261	-1285	-10	-9
Heebner	3372	-1400	3370	-1398	3365	-1389	-11	-9
Douglas	3406	-1434	3404	-1432	3400	-1424	-10	-8
Brown Lime	3478	-1506	3478	-1506	3475	-1499	-7	-7
Lansing	3488	-1516	3488	-1516	3484	-1508	-8	-8
Lansing G	3578	-1606	3580	-1608	3575	-1599	-7	-9
Lansing H	3616	-1644	3614	-1642	3610	-1634	-10	-8
Stark	3669	-1697	3669	-1697	3664	-1688	-9	-9
Base KC	3718	-1746	3720	-1748	3713	-1737	-9	-11
Conglomerate	3806	-1834	3804	-1832	3806	-1830	-4	-2
Viola	3825	-1853	3820	-1848	3824	-1848	-5	0
Simpson	3856	-1884	3858	-1886	3853	-1877	-7	-9
Arbuckle	3910	-1938	3911	-1939	3901	-1925	-13	-14
Total Depth	3985	-2013	3986	-2014	3905	-1929	-84	-85

Drill Stem Test #1

DRILL STEM TEST REPORT

Younger Energy Company
 9415 East Harry Street Suite
 403 Wichita Ks.67207
 ATTN: Keith Reavis

27-21s-15w-Pawnee
Jost 1-27
 Job Ticket: 18464
 Test Start: 2013.11.23 @ 05:22:00

DST#: 1

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:03:00
 Time Test Ended: 12:40:00

Interval: **3714.00 ft (KB) To 3862.00 ft (KB) (TVD)**
 Total Depth: 3862.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-40
 Reference Elevations: 1972.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8159 Outside

Press@RunDepth: 478.93 psia @ 3859.87 ft (KB)
 Start Date: 2013.11.23 End Date: 2013.11.23
 Start Time: 05:22:00 End Time: 12:40:00

Capacity: 5000.00 psia
 Last Calib.: 2013.11.23
 Time On Btm: 2013.11.23 @ 08:02:30
 Time Off Btm: 2013.11.23 @ 11:03:30

TEST COMMENT: 1st Open 10 minutes Strong blow built to bottom bucket 8 minutes.
 1st Shut in 45 minutes No blow back.
 2nd Open 45 minutes Strong blow built to bottm bucket instantly.
 2nd Shut in 75 minutes No blow back

Pressure vs. Time

PRESSURE SUMMARY

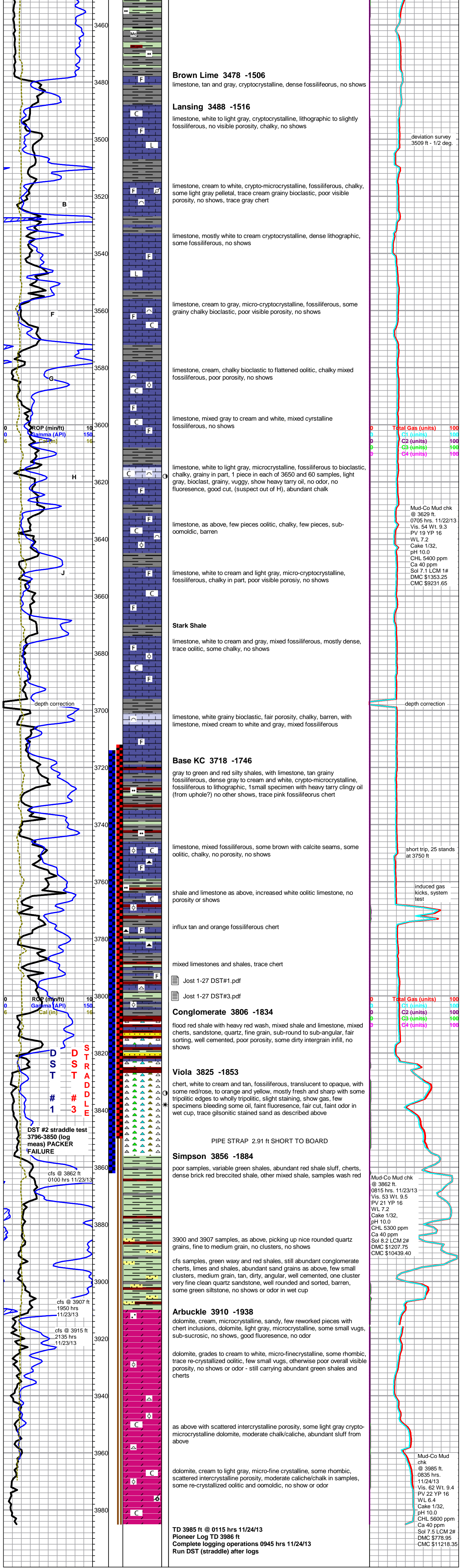
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1988.88	109.32	Initial Hydro-static
1	391.22	108.77	Open To Flow (1)
10	485.79	109.52	Shut-In(1)
56	490.09	110.70	End Shut-In(1)
58	481.63	110.75	Open To Flow (2)
100	478.93	111.75	Shut-In(2)
179	494.27	113.03	End Shut-In(2)
181	1820.39	113.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (HH)

Gas Rates

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



Brown Lime 3478 -1506

limestone, tan and gray, cryptocrystalline, dense fossiliferous, no shows

Lansing 3488 -1516

limestone, white to light gray, cryptocrystalline, lithographic to slightly fossiliferous, no visible porosity, chalky, no shows

limestone, cream to white, crypto-microcrystalline, fossiliferous, chalky, some light gray pelletal, trace cream grainy bioclastic, poor visible porosity, no shows, trace gray chert

limestone, mostly white to cream cryptocrystalline, dense lithographic, some fossiliferous, no shows

limestone, cream to gray, micro-cryptocrystalline, fossiliferous, some grainy chalky bioclastic, poor visible porosity, no shows

limestone, cream, chalky bioclastic to flattened oolitic, chalky mixed fossiliferous, poor porosity, no shows

limestone, mixed gray to cream and white, mixed crystalline fossiliferous, no shows

limestone, white to light gray, microcrystalline, fossiliferous to bioclastic, chalky, grainy in part, 1 piece in each of 3650 and 60 samples, light gray, bioclast, grainy, vuggy, show heavy tarry oil, no odor, no fluorescence, good cut, (suspect out of H), abundant chalk

limestone, as above, few pieces oolitic, chalky, few pieces, sub-oolitic, barren

limestone, white to cream and light gray, micro-cryptocrystalline, fossiliferous, chalky in part, poor visible porosity, no shows

Stark Shale
limestone, white to cream and gray, mixed fossiliferous, mostly dense, trace oolitic, some chalky, no shows

limestone, white grainy bioclastic, fair porosity, chalky, barren, with limestone, mixed cream to white and gray, mixed fossiliferous

Base KC 3718 -1746

gray to green and red silty shales, with limestone, tan grainy fossiliferous, dense gray to cream and white, crypto-microcrystalline, fossiliferous to lithographic, 1 small specimen with heavy tarry clingy oil (from uphole?) no other shows, trace pink fossiliferous chert

limestone, mixed fossiliferous, some brown with calcite seams, some oolitic, chalky, no porosity, no shows

shale and limestone as above, increased white oolitic limestone, no porosity or shows

influx tan and orange fossiliferous chert

mixed limestones and shales, trace chert

Jost 1-27 DST#1.pdf
Jost 1-27 DST#3.pdf

Conglomerate 3806 -1834

flood red shale with heavy red wash, mixed shale and limestone, mixed cherts, sandstone, quartz, fine grain, sub-round to sub-angular, fair sorting, well cemented, poor porosity, some dirty intergrain infill, no shows

Viola 3825 -1853

chert, white to cream and tan, fossiliferous, translucent to opaque, with some red/rose, to orange and yellow, mostly fresh and sharp with some tripolitic edges to wholly tripolitic, slight staining, show gas, few specimens bleeding some oil, faint fluorescence, fair cut, faint odor in wet cup, trace gilsonitic stained sand as described above

PIPE STRAP 2.91 ft SHORT TO BOARD

Simpson 3856 -1884

poor samples, variable green shale, abundant red shale sluff, cherts, dense brick red brecciated shale, other mixed shale, samples wash red

3900 and 3907 samples, as above, picking up nice rounded quartz grains, fine to medium grain, no clusters, no shows

cfs samples, green waxy and red shales, still abundant conglomerate cherts, limes and shales, abundant sand grains as above, few small clusters, medium grain, tan, dirty, angular, well cemented, one cluster very fine clean quartz sandstone, well rounded and sorted, barren, some green siltstone, no shows or odor in wet cup

Arbuckle 3910 -1938

dolomite, cream, microcrystalline, sandy, few reworked pieces with chert inclusions, dolomite, light gray, microcrystalline, some small vugs, sub-sucrosic, no shows, good fluorescence, no odor

dolomite, grades to cream to white, micro-finecrystalline, some rhombic, trace re-crystallized oolitic, few small vugs, otherwise poor overall visible porosity, no shows or odor - still carrying abundant green shales and cherts

as above with scattered intercrystalline porosity, some light gray crypto-microcrystalline dolomite, moderate chalk/caliche, abundant sluff from above

dolomite, cream to light gray, micro-fine crystalline, some rhombic, scattered intercrystalline porosity, moderate caliche/chalk in samples, some re-crystallized oolitic and oomoldic, no show or odor

TD 3985 ft @ 0115 hrs 11/24/13
Pioneer Log TD 3986 ft
Complete logging operations 0945 hrs 11/24/13
Run DST (straddle) after logs

deviation survey
3509 ft - 1/2 deg.

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

Mud-Co Mud chk
@ 3629 ft.
0705 hrs. 11/22/13
Vis. 54 Wt. 9.3
PV 19 YP 16
WL 7.2
Cake 1/32,
pH 10.0
CHL 5400 ppm
Ca 40 ppm
Sol 7.1 LCM 1#
DMC \$1353.25
CMC \$9231.65

depth correction

short trip, 25 stands
at 3750 ft

induced gas
kicks, system
test

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

Mud-Co Mud chk
@ 3862 ft.
0815 hrs. 11/23/13
Vis. 53 Wt. 9.5
PV 21 YP 16
WL 7.2
Cake 1/32,
pH 10.0
CHL 5300 ppm
Ca 40 ppm
Sol 8.2 LCM 2#
DMC \$1207.75
CMC \$10439.40

Mud-Co Mud
chk
@ 3985 ft.
0835 hrs.
11/24/13
Vis. 62 Wt. 9.4
PV 22 YP 16
WL 6.4
pH 10.0
CHL 5600 ppm
Ca 40 ppm
Sol 7.5 LCM 2#
DMC \$778.95
CMC \$11218.35

ROP (min/ft)
Gamma (API)
Cal (in)

DST #1
STRADDLE #3

DST #2 straddle test
3796-3850 (log
meas) PACKER
FAILURE

cfs @ 3862 ft
0100 hrs 11/23/13

cfs @ 3907 ft
1950 hrs
11/23/13

cfs @ 3915 ft
2135 hrs
11/23/13

depth correction

ROP (min/ft)
Gamma (API)
Cal (in)

DST #1
STRADDLE #3

DST #2 straddle test
3796-3850 (log
meas) PACKER
FAILURE

cfs @ 3862 ft
0100 hrs 11/23/13

cfs @ 3907 ft
1950 hrs
11/23/13

cfs @ 3915 ft
2135 hrs
11/23/13

depth correction



DRILL STEM TEST REPORT

Prepared For: **Younger Energy Company**

9415 East Harry Street Suit
403 Wichita Ks.67207

ATTN: Keith Reavis

Jost 1-27

27-21s-15w-Pawnee

Start Date: 2013.11.23 @ 05:22:00

End Date: 2013.11.23 @ 12:40:00

Job Ticket #: 18464 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.23 @ 13:05:47



DRILL STEM TEST REPORT

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18464

DST#: 1

ATTN: Keith Reavis

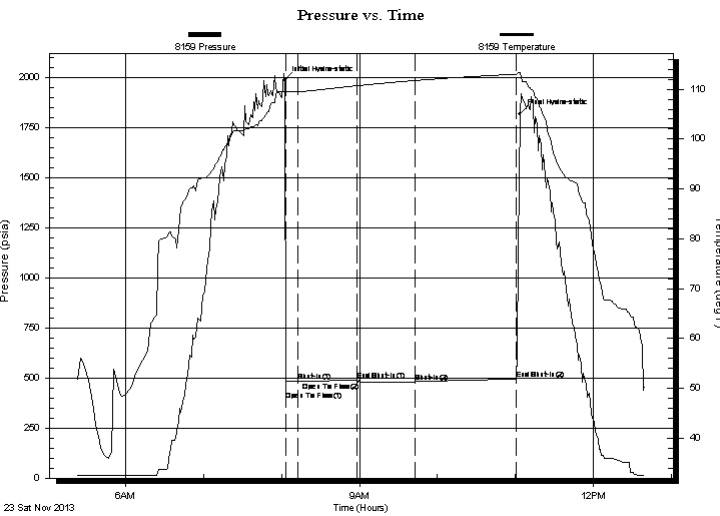
Test Start: 2013.11.23 @ 05:22:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:03:00 Tester: Dustin Ellis
 Time Test Ended: 12:40:00 Unit No: 3315-Great Bend-40
 Interval: **3714.00 ft (KB) To 3862.00 ft (KB) (TVD)** Reference Elevations: 1972.00 ft (KB)
 Total Depth: 3862.00 ft (KB) (TVD) 1961.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8159 Outside
 Press@RunDepth: 478.93 psia @ 3859.87 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.11.23 End Date: 2013.11.23 Last Calib.: 2013.11.23
 Start Time: 05:22:00 End Time: 12:40:00 Time On Btm: 2013.11.23 @ 08:02:30
 Time Off Btm: 2013.11.23 @ 11:03:30

TEST COMMENT: 1st Open 10 minutes Strong blow built to bottom bucket 8 minutes.
 1st Shut in 45 minutes No blow back.
 2nd Open 45 minutes Strong blow built to bottom bucket instantly.
 2nd Shut in 75 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1988.88	109.32	Initial Hydro-static
1	391.22	108.77	Open To Flow (1)
10	485.79	109.52	Shut-In(1)
56	490.09	110.70	End Shut-In(1)
58	481.63	110.75	Open To Flow (2)
100	478.93	111.75	Shut-In(2)
179	494.27	113.03	End Shut-In(2)
181	1820.39	113.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Just 1-27

Job Ticket: 18464

DST#: 1

ATTN: Keith Reavis

Test Start: 2013.11.23 @ 05:22:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:03:00

Time Test Ended: 12:40:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-40

Interval: 3714.00 ft (KB) To 3862.00 ft (KB) (TVD)

Reference Elevations: 1972.00 ft (KB)

Total Depth: 3862.00 ft (KB) (TVD)

1961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6731

Inside

Press@RunDepth: 494.67 psia @ 3858.87 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.23

End Date:

2013.11.23

Last Calib.:

2013.11.23

Start Time: 05:22:00

End Time:

12:40:00

Time On Btm:

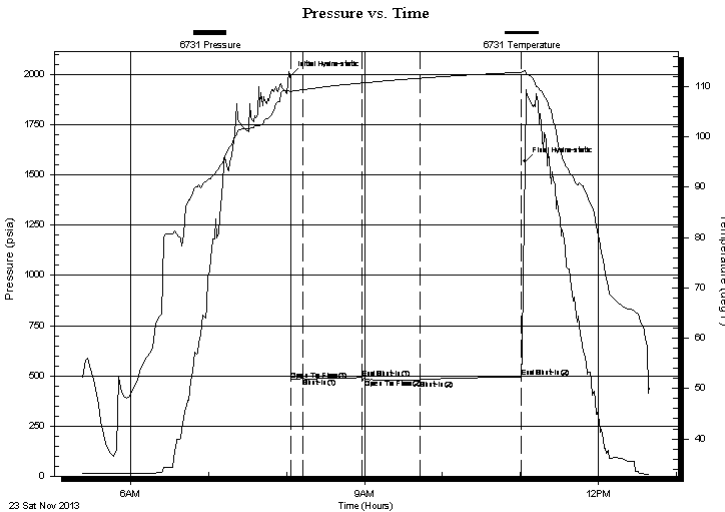
2013.11.23 @ 08:03:00

Time Off Btm:

2013.11.23 @ 11:03:30

TEST COMMENT: 1st Open 10 minutes Strong blow built to bottom bucket 8 minutes.
1st Shut in 45 minutes No blow back.
2nd Open 45 minutes Strong blow built to bottom bucket instantly.
2nd Shut in 75 minutes No blow back

PRESSURE SUMMARY



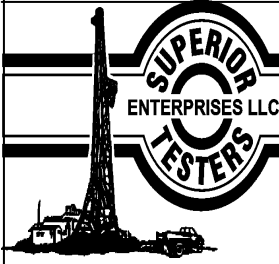
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1996.44	108.92	Initial Hydro-static
1	477.51	108.80	Open To Flow (1)
10	486.60	109.33	Shut-In(1)
55	490.67	110.67	End Shut-In(1)
57	481.85	110.72	Open To Flow (2)
100	479.35	111.61	Shut-In(2)
178	494.67	112.81	End Shut-In(2)
181	1567.62	113.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18464

DST#: 1

ATTN: Keith Reavis

Test Start: 2013.11.23 @ 05:22:00

Tool Information

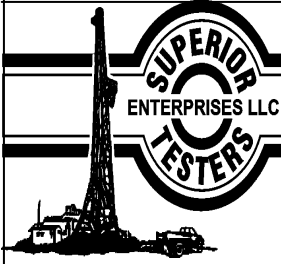
Drill Pipe:	Length: 3693.00 ft	Diameter: 3.80 inches	Volume: 51.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 51.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3714.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	148.87 ft			
Tool Length:	176.87 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut-In Tool	5.00			3691.00	
Hydraulic Tool	5.00			3696.00	
Jars	6.00			3702.00	
Safety Joint	2.00			3704.00	
Packer	5.00			3709.00	28.00 Bottom Of Top Packer
Packer	5.00			3714.00	
Anchor	5.00			3719.00	
Change Over Sub	0.75			3719.75	
Drill Pipe	95.37			3815.12	
Change Over Sub	0.75			3815.87	
Anchor	42.00			3857.87	
Recorder	1.00	6731	Inside	3858.87	
Recorder	1.00	8159	Outside	3859.87	
Bullnose	3.00			3862.87	148.87 Bottom Packers & Anchor

Total Tool Length: 176.87



DRILL STEM TEST REPORT

FLUID SUMMARY

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18464

DST#: 1

ATTN: Keith Reavis

Test Start: 2013.11.23 @ 05:22:00

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

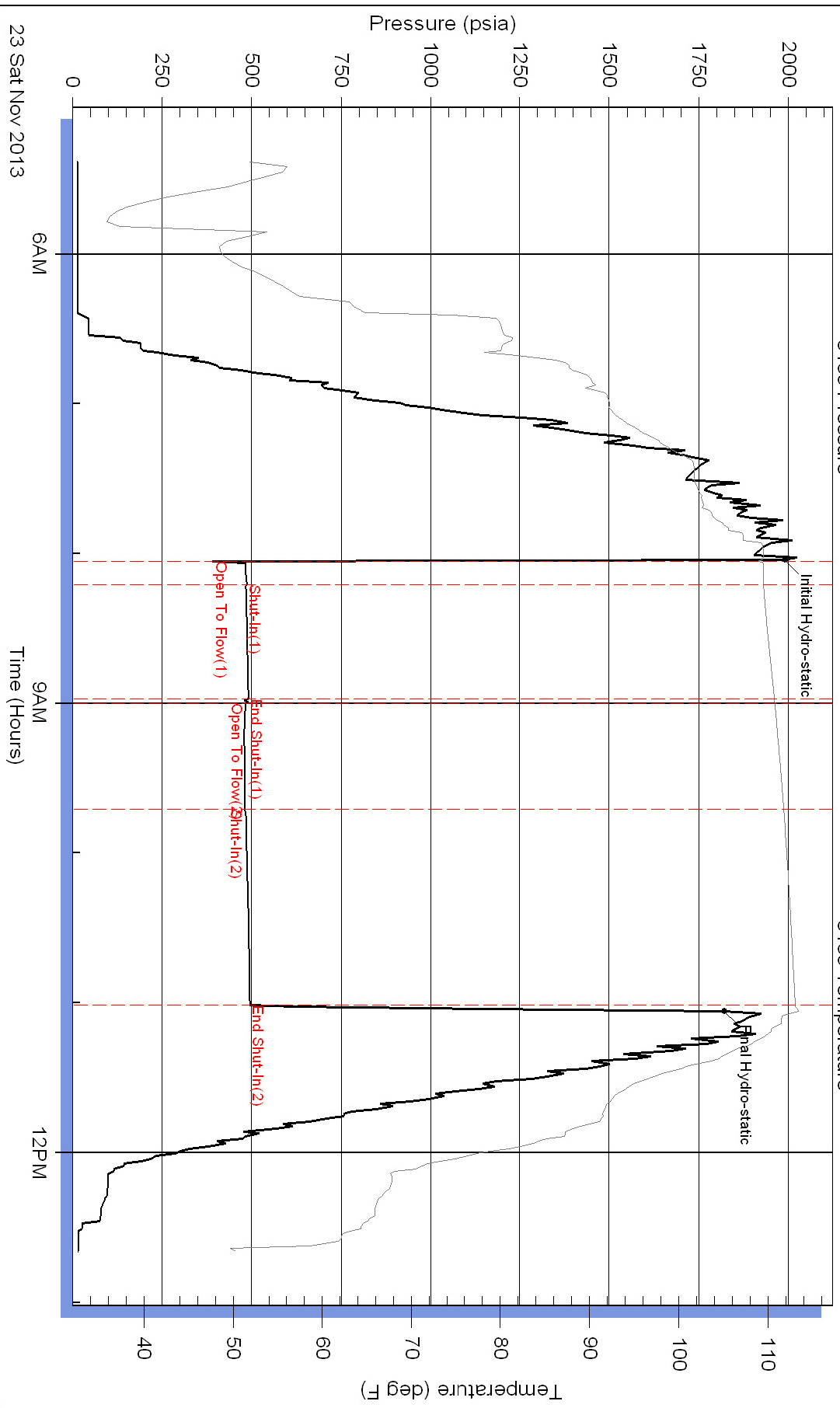
Serial #:

Laboratory Name:

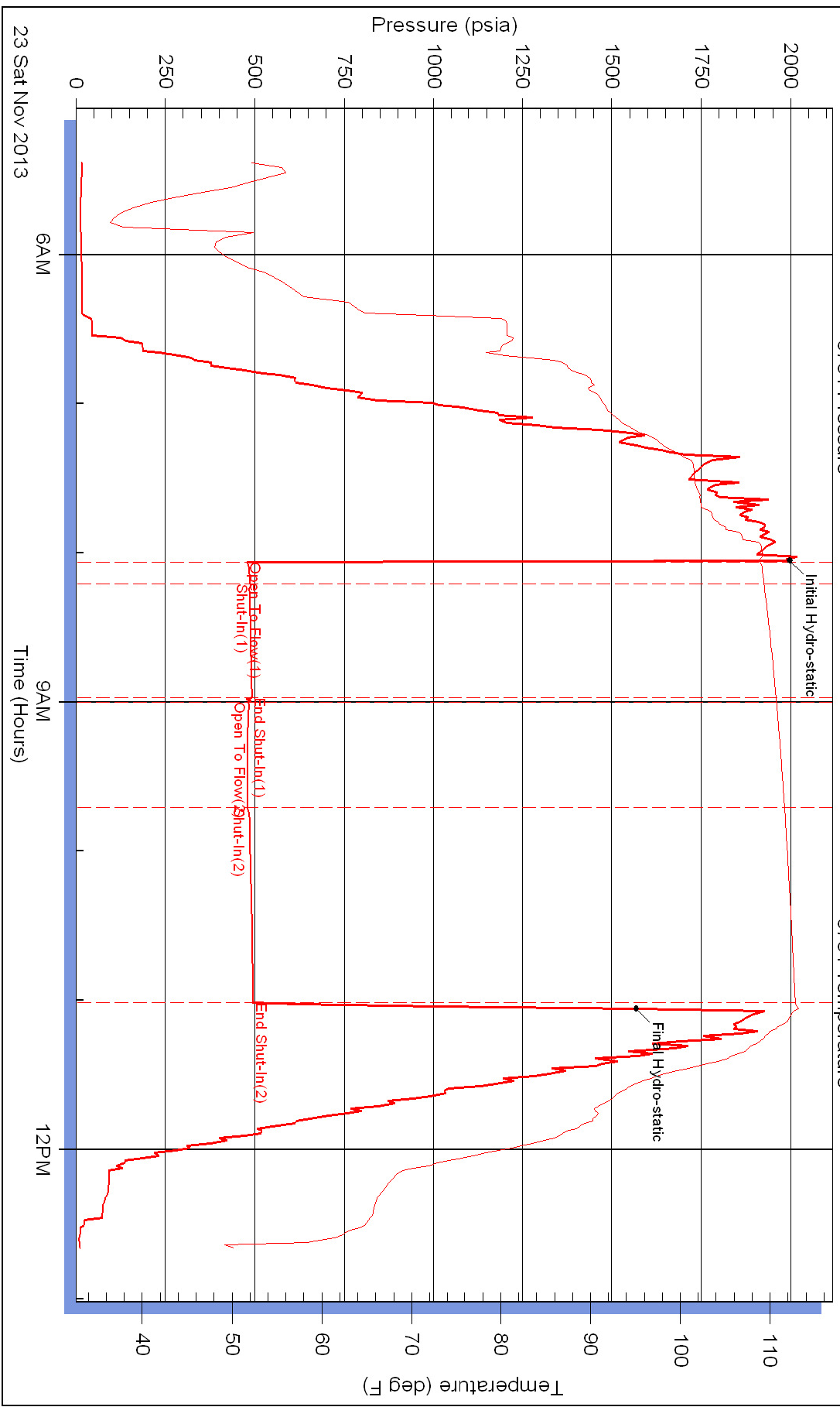
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Younger Energy Company**

9415 East Harry Street Suit
403 Wichita Ks.67207

ATTN: Keith Reavis

Jost 1-27

27-21s-15w-Pawnee

Start Date: 2013.11.24 @ 00:00:00

End Date: 2013.11.24 @ 00:00:00

Job Ticket #: 18465 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.26 @ 08:22:16



DRILL STEM TEST REPORT

TOOL DIAGRAM

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18465

DST#: 2

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3783.00 ft	Diameter: 3.80 inches	Volume: 53.07 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3796.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	3850.24 ft			
Interval between Packers:	54.24 ft			
Tool Length:	217.85 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3778.00	
Hydraulic tool	5.00			3783.00	
Jars	6.00			3789.00	
Safety Joint	2.00			3791.00	
Packer	5.00			3796.00	23.00 Bottom Of Top Packer
Change Over Sub	0.75			3796.75	
Drill Pipe	31.74			3828.49	
Change Over Sub	0.75			3829.24	
Anchor	19.00			3848.24	
Recorder	1.00	6731	Inside	3849.24	
Recorder	1.00	8159	Outside	3850.24	54.24 Tool Interval
Packer	5.00			3855.24	
Change Over Sub	0.75			3855.99	
Drill Pipe	127.11			3983.10	
Change Over Sub	0.75			3983.85	
Anchor	3.00			3986.85	
Recorder	1.00	6806	Outside	3987.85	
Bullnose	3.00			3990.85	140.61 Bottom Packers & Anchor
Total Tool Length:	217.85				



DRILL STEM TEST REPORT

FLUID SUMMARY

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18465

DST#: 2

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 00:00:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
780.00	drillin g mud	10.941

Total Length: 780.00 ft Total Volume: 10.941 bbl

Num Fluid Samples: 0

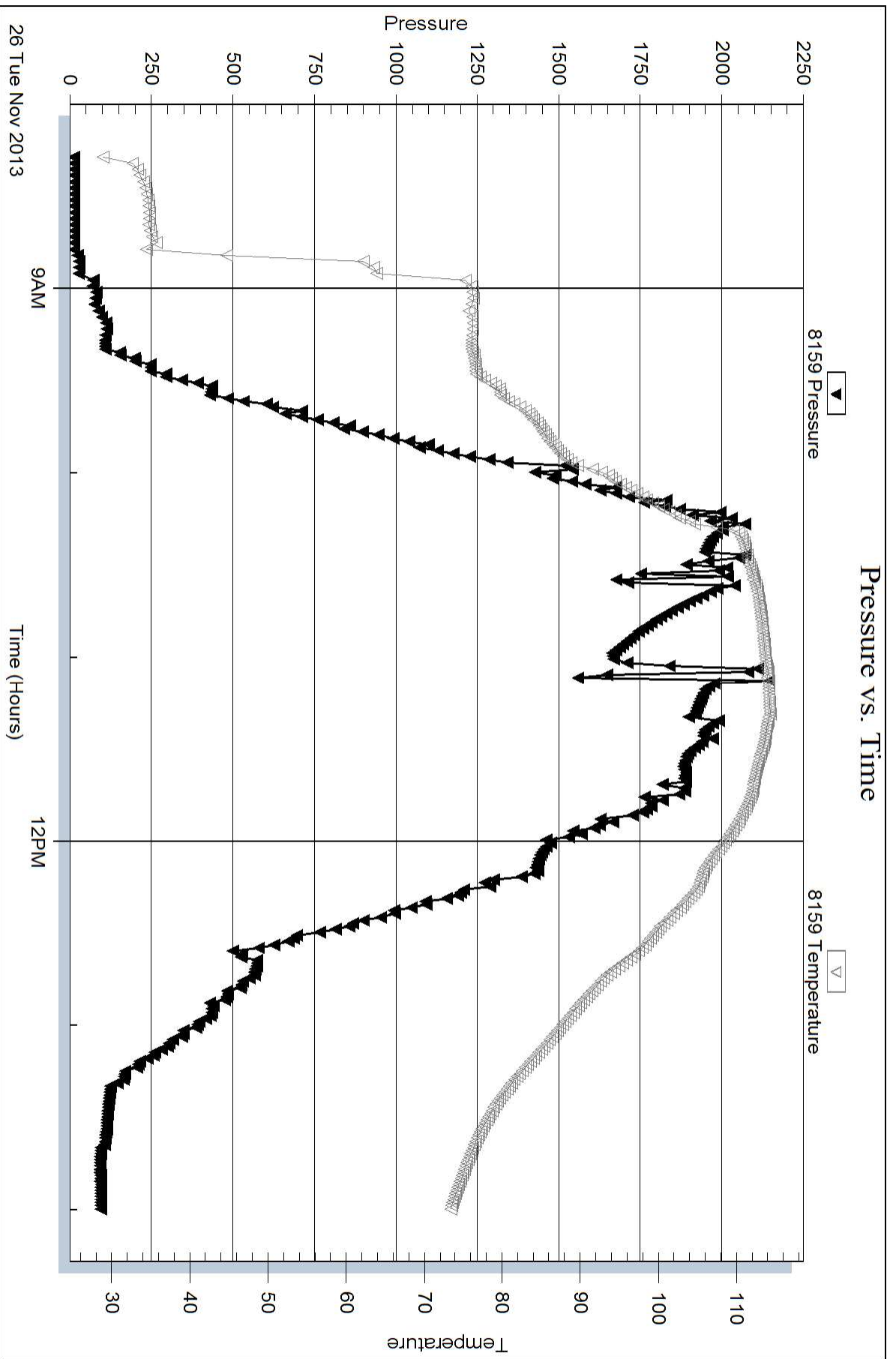
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Younger Energy Company**

9415 East Harry Street Suit
403 Wichita Ks.67207

ATTN: Keith Reavis

Jost 1-27

27-21s-15w-Pawnee

Start Date: 2013.11.24 @ 04:45:00

End Date: 2013.11.24 @ 19:05:00

Job Ticket #: 18466 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.25 @ 01:38:29



DRILL STEM TEST REPORT

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Just 1-27

Job Ticket: 18466

DST#: 3

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 04:45:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:19:00

Time Test Ended: 19:05:00

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-40

Interval: 3712.00 ft (KB) To 3850.00 ft (KB) (TVD)

Reference Elevations: 1972.00 ft (KB)

Total Depth: 3986.00 ft (KB) (TVD)

1961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6731 Outside

Press@RunDepth: 151.71 psia @ 3714.16 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.24

End Date: 2013.11.24

Last Calib.: 2013.11.25

Start Time: 04:45:00

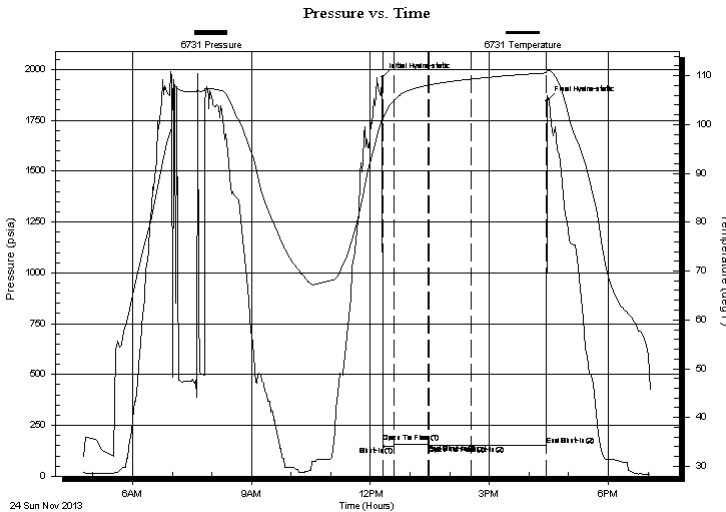
End Time: 19:05:00

Time On Btm: 2013.11.24 @ 12:17:30

Time Off Btm: 2013.11.24 @ 16:27:00

TEST COMMENT: 1st Open 10 minutes Strong blow blew off bottom bucket in 1.5 minutes.
1st Shut in 60 minutes Yes blow back surface.
2nd Open 60 minutes Weak 1/2 inch blow through out.
2nd Shut in 120 minutes Yes blow back surface

PRESSURE SUMMARY



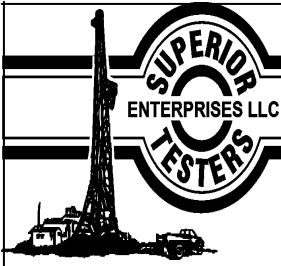
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1960.49	101.15	Initial Hydro-static
2	167.54	101.17	Open To Flow (1)
19	148.27	105.11	Shut-In(1)
70	158.57	108.06	End Shut-In(1)
71	150.27	108.08	Open To Flow (2)
136	151.71	109.31	Shut-In(2)
249	152.65	110.56	End Shut-In(2)
250	1844.68	111.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	Gassy mud 100%	1.54

Gas Rates

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



DRILL STEM TEST REPORT

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Just 1-27

Job Ticket: 18466

DST#: 3

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 04:45:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:19:00

Time Test Ended: 19:05:00

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 3315-Great Bend-40

Interval: 3712.00 ft (KB) To 3850.00 ft (KB) (TVD)

Reference Elevations: 1972.00 ft (KB)

Total Depth: 3986.00 ft (KB) (TVD)

1961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8159 Outside

Press@RunDepth: 152.60 psia @ 3714.16 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.24

End Date: 2013.11.24

Last Calib.: 2013.11.25

Start Time: 04:45:00

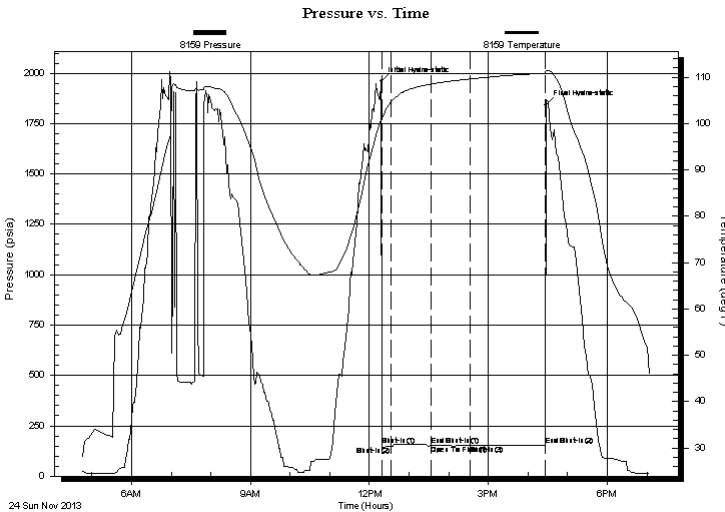
End Time: 19:05:00

Time On Btm: 2013.11.24 @ 12:17:30

Time Off Btm: 2013.11.24 @ 16:27:00

TEST COMMENT: 1st Open 10 minutes Strong blow blew off bottom bucket in 1.5 minutes.
1st Shut in 60 minutes Yes blow back surface.
2nd Open 60 minutes Weak 1/2 inch blow through out.
2nd Shut in 120 minutes Yes blow back surface

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1960.06	101.08	Initial Hydro-static
2	153.05	101.23	Shut-In(1)
16	147.47	104.80	Shut-In(2)
76	150.98	108.52	End Shut-In(1)
77	151.03	108.53	Open To Flow (1)
135	151.60	109.64	Shut-In(3)
249	152.60	110.90	End Shut-In(2)
250	1841.51	111.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	Gassy mud 100%	1.54

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18466

DST#: 3

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 04:45:00

Tool Information

Drill Pipe:	Length: 3712.00 ft	Diameter: 3.80 inches	Volume: 52.07 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 71000.00 lb
			<u>Total Volume: 52.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.61 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3712.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	3850.37 ft			
Interval between Packers:	138.37 ft			
Tool Length:	165.28 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
P.O. Sub	0.31			3689.70	
C.O. Sub	0.31			3690.01	
P.O. Sub	0.31			3690.32	
Recorder	1.80		Fluid	3692.12	
Conv. S.I. Tool	1.52			3693.64	
Sampler	1.10			3694.74	
HMV	2.10			3696.84	
Recorder	1.80		Inside	3698.64	
Telemetry Tool	7.01			3705.65	
Jars	2.05			3707.70	
Bypass Hanger	0.32			3708.02	
Safety Joint	0.78			3708.80	
Packer	1.78			3710.58	22.61 Bottom Of Top Packer
Packer	1.42			3712.00	
Stubb	0.36			3712.36	
Recorder Carrier	1.80			3714.16	
Recorder	0.00	6731	Outside	3714.16	
Recorder	0.00	8159	Outside	3714.16	
Perforations	135.00			3849.16	
Bypass Receiver	0.85			3850.01	
Blank Spacing	0.00			3850.01	
Stubb	0.36			3850.37	138.37 Tool Interval
Packer	1.42			3851.79	
Bypass Hanger	0.30			3852.09	
Recorder	1.80	6806	Below	3853.89	
Collar	0.00			3853.89	



DRILL STEM TEST REPORT

FLUID SUMMARY

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

Jost 1-27

Job Ticket: 18466

DST#: 3

ATTN: Keith Reavis

Test Start: 2013.11.24 @ 04:45:00

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: 62.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	Gassy mud 100%	1.543

Total Length: 110.00 ft Total Volume: 1.543 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

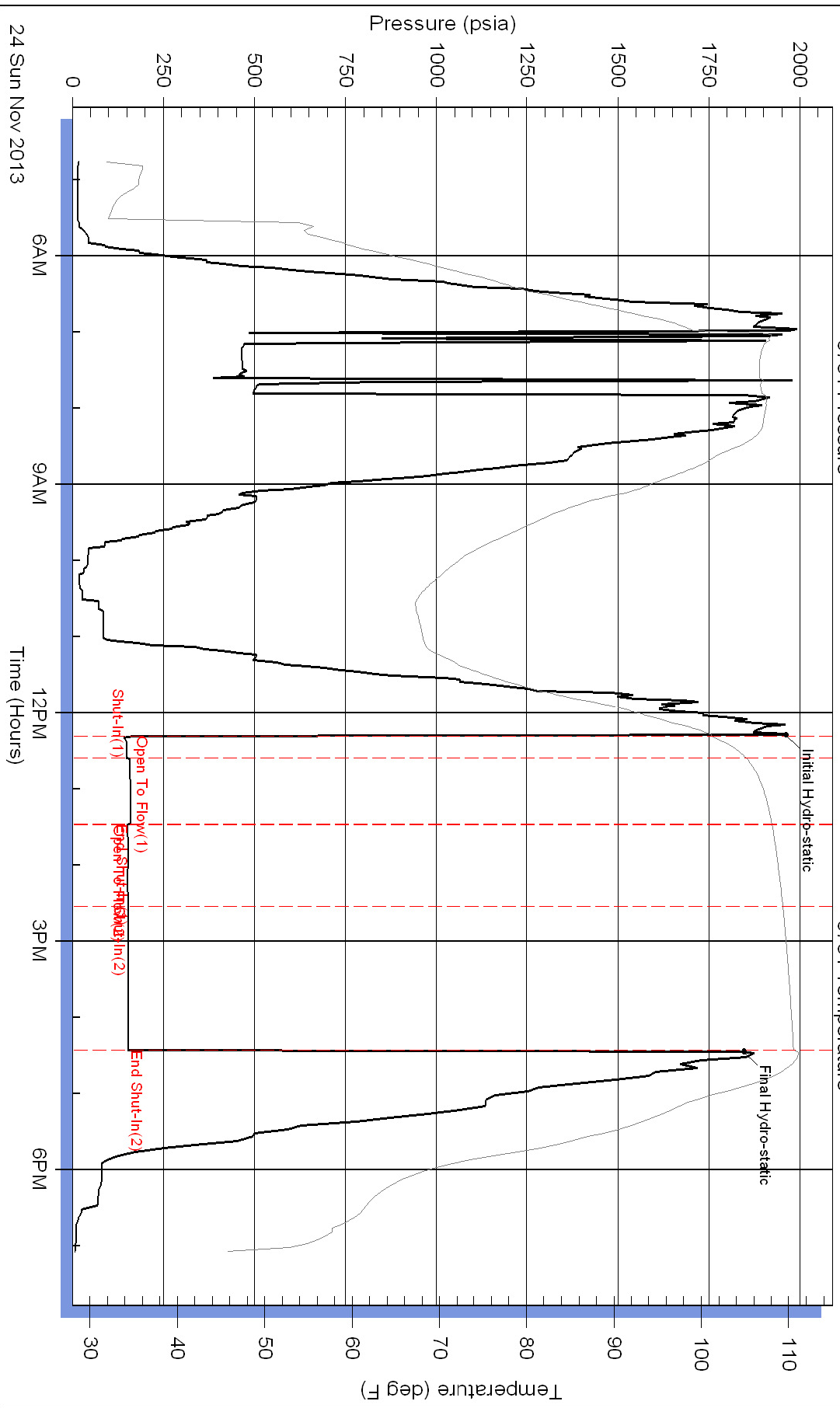
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



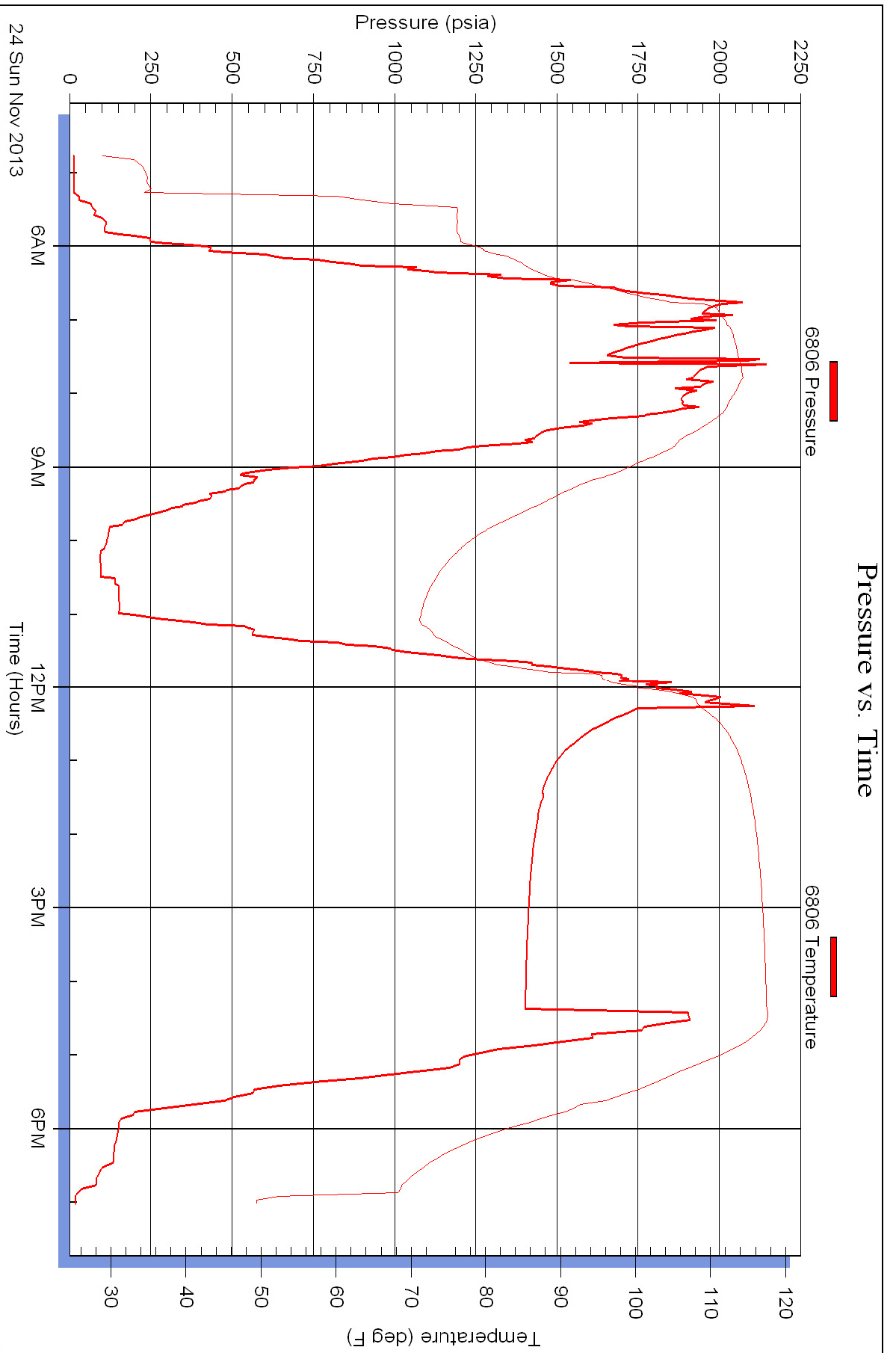
Serial #: 6806

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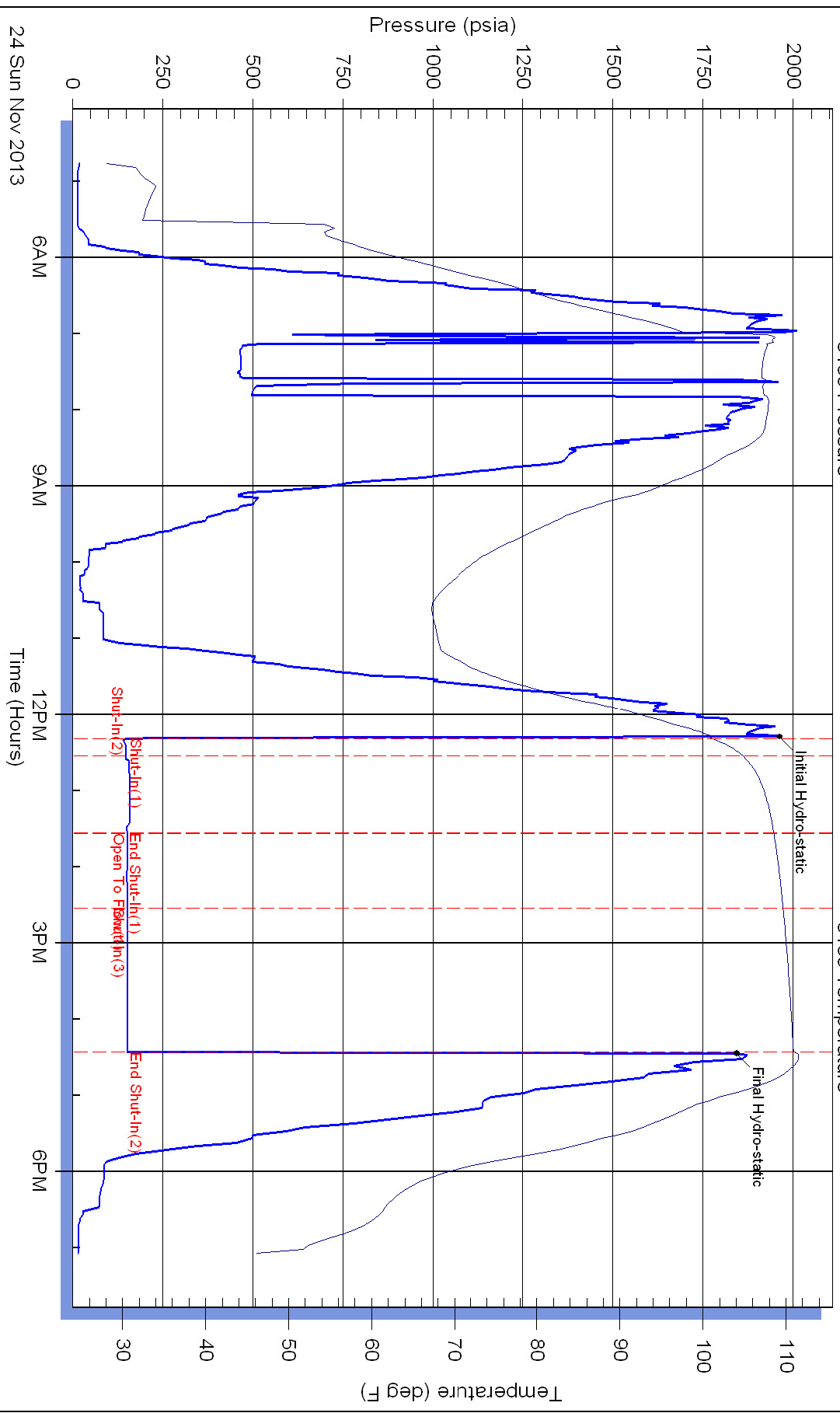
Younger Energy Company

Jost 1-27

DST Test Number: 3



Pressure vs. Time





PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 139915
Invoice Date: Nov 17, 2013
Page: 1

Bill To:

Younger Energy Co.
9415 E. Harry St.
STE #403
Wichita, KS 67207-5083

RECEIVED NOV 30 2013

Customer ID	Field Ticket #	Payment Terms	
Youn	61868	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Nov 17, 2013	12/17/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Jost #1-27		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
423.00	CEMENT MATERIALS	Chloride	0.80	338.40
796.00	CEMENT MATERIALS	Chloride	0.80	636.80
305.00	CEMENT MATERIALS	Light Weight	16.50	5,032.50
76.00	CEMENT MATERIALS	Flo Seal	2.97	225.72
508.20	CEMENT SERVICE	Cubic Feet	2.48	1,260.34
435.20	CEMENT SERVICE	Ton Mileage	2.60	1,131.52
1.00	CEMENT SERVICE	Surface	2,058.50	2,058.50
20.00	CEMENT SERVICE	Pump Truck Mileage	7.70	154.00
20.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	88.00
1.00	EQUIPMENT SALES	8-5/8 Baffle Plate	67.50	67.50
3.00	EQUIPMENT SALES	8-5/8 Centralizer	37.50	112.50
1.00	EQUIPMENT SALES	8-5/8 Rubber Plug	76.25	76.25
1.00	EQUIPMENT OPERATOR	Charles Kinyon		
1.00	EQUIPMENT OPERATOR	Ben Newell		
1.00	EQUIPMENT OPERATOR	Daniel Casper		

DA

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3,744.09

ONLY IF PAID ON OR BEFORE
Dec 12, 2013

Subtotal	13,867.03
Sales Tax	747.74
Total Invoice Amount	14,614.77
Payment/Credit Applied	
TOTAL	14,614.77

10,870.68

Jost 1-27
VIB

22

ALLIED OIL & GAS SERVICES, LLC 061868

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
GRANT BEND

DATE <u>11-17-13</u>	SEC. <u>27</u>	TWP. <u>21</u>	RANGE <u>15</u>	CALLED OUT <u>3:00 PM</u>	ON LOCATION <u>6:PM</u>	JOB START <u>11:00PM</u>	JOB FINISH <u>12:00PM</u>
LEASE <u>JOST</u>	WELL# <u>1-27</u>	LOCATION <u>K-19 TO Macksville</u>		COUNTY <u>Polk</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>RIKTOP 2N 1/8 NINTO</u>				

CONTRACTOR Rule 10
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/2 T.D. 995
 CASING SIZE 9 5/8 24# DEPTH 987
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.50
 CEMENT LEFT IN CSG. 47.50
 PERFS. _____
 DISPLACEMENT H2O 60-16 BBI

OWNER Younger Energy
 CEMENT AMOUNT ORDERED 305 SKS 65/35 6 1/4
gel 31-CC 7 # Flo Seal 1SK
150 CLASS A 31-CC

COMMON	<u>150</u>	@ <u>17.90</u>	<u>2.685.00</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>423</u>	@ <u>.80</u>	<u>338.40</u>
	<u>796</u>	@ <u>.80</u>	<u>636.80</u>
	<u>305 SKS kite wt</u>	@ <u>16.50</u>	<u>5.032.50</u>
	<u>floral 76</u>	@ <u>2.97</u>	<u>225.72</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>508.20</u>	@ <u>2.48</u>	<u>1.260.33</u>
MILEAGE	<u>21.76 X 20 y</u>	@ <u>2.60</u>	<u>1.131.52</u>
			TOTAL <u>11.310.27</u>

PUMP TRUCK CEMENTER Charles Kinton
 # 398 HELPER Ben Nevel
 BULK TRUCK
 # 344-170 DRIVER Thomas Titerina
 BULK TRUCK
 # 609-112 DRIVER Dan Casper

REMARKS:

Ran 987' cas Break circulation
W/ Rig Mud Hook up to head
5 BBI H2O ahead mix 305 SKS
65/35 6 1/4 gel 31-CC 7 # Flo Seal 1SK
Mix 150 lbs class A 31-CC
Shut down Release plug
Displace 60.14 BBI H2O
cement did circulate
plug did not land

SERVICE

DEPTH OF JOB	<u>987</u>		
PUMP TRUCK CHARGE		<u>2058.00</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 20</u>	@ <u>7.70</u>	<u>154.00</u>
MANIFOLD		@	
	<u>Hum 20</u>	@ <u>4.40</u>	<u>88.00</u>
		@	

CHARGE TO: Younger Energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2.300.50

PLUG & FLOAT EQUIPMENT

Baffle Plate	@ <u>67.50</u>	<u>67.50</u>
3-832 CENTRALIZ	@ <u>37.50</u>	<u>112.50</u>
RUBBER PLUG	@ <u>76.25</u>	<u>76.25</u>
	@	
	@	

TOTAL 256.25

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 13.867.02
3.744.92
 DISCOUNT _____ IF PAID IN 30 DAYS
10.122.92

PRINTED NAME X Don Bracciano
 SIGNATURE X Don Bracciano

Thank You!

DAILY DRILLING REPORT

DATE 11/18/13 RIG NO: 10

OPERATOR Younger Energy FAX NUMBER _____
 TELEPHONE _____

WELL DATA: Int. #1-27 fuel 53' Day #2
 DEPTH: 995 AT 7:00 A.M. FORMATION: _____
 FEET MADE: 495 SURVEY 3/4 * @ 995 * @ _____ * @ _____
 BRIEF DESCRIPTION OF OPERATIONS: WOC

MUD PROPERTIES: WT. _____ VIS. _____ WL. _____ LCM _____ PH _____ CHL _____
 PV _____ YP _____ GEL _____ CAKE _____ OIL _____ SAND _____ SOLIDS _____
 SPM _____ PP _____ GPM _____ LINER _____

MUD MATERIALS ADDED: GEL _____ SODA ASH _____
 DAILY COST: CAUSTIC _____ LIME _____
 \$ _____ OIL _____ LCM _____
 TOTAL COST: LIGNITE _____ DPAC _____
 \$ _____ BAR _____

BIT RECORD: NO: 1 TYPE 12 1/4 SERIAL# RR
 IN 0 OUT 995 MADE 995 IN 10 3/4 HOURS
 RPM 120 W.O.B. 16000

BIT RECORD: NO: _____ TYPE _____ SERIAL# _____
 IN _____ OUT _____ MADE _____ IN _____ HOURS
 RPM _____ W.O.B. _____

TIME BREAKDOWN:	DRILLING	<u>6 1/2</u>	RUN CASING	<u>13 1/4</u>
	RIG CHECK	<u>3/4</u>	CEMENT CASING	<u>1 1/4</u>
	TRIP	<u>2 1/4</u>		
	SURVEY	<u>1/4</u>		
	CIRCULATING	<u>1 1/2</u>		
	TESTING			
	LOGGING			
	W.O.C.	<u>6 3/4</u>		
	W.O.O.			
	RIG REPAIRS	<u>3/4</u>		
	JET & CONN.	<u>2 1/4</u>		

ADDITIONAL INFORMATION: Run 23 ito 8 5/8 23 # Cdg.
W/300AL 65/35 6%osol 30/bcc 1/4# FS
150AL class A 30/bcc CDC
Plug down @ 12:15am



INVOICE

PO Box 93999
Southlake, TX 76092

RECEIVED DEC 9 2013

Invoice Number: 140055

Invoice Date: Nov 25, 2013

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

Bill To:
Younger Energy Co. 9415 E. Harry St. STE #403 Wichita, KS 67207-5083

Customer ID	Field Ticket #	Payment Terms	
Youn	61871	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Nov 25, 2013	12/25/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Jost #1-27		
132.00	CEMENT MATERIALS	Class A Common	17.90	2,362.80
88.00	CEMENT MATERIALS	Pozmix	9.35	822.80
8.00	CEMENT MATERIALS	Gel	23.40	187.20
55.00	CEMENT MATERIALS	Flo Seal	2.97	163.35
236.99	CEMENT SERVICE	Cubic Feet Charge	2.48	587.74
197.60	CEMENT SERVICE	Ton Mileage Charge	2.60	513.76
1.00	CEMENT SERVICE	Rotary Plug	2,600.47	2,600.47
20.00	CEMENT SERVICE	Pump Truck Mileage	7.70	154.00
20.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	88.00
1.00	EQUIPMENT OPERATOR	Charles Kinyon		
1.00	OPERATOR ASSISTANT	Andy Fimple		
1.00	CEMENT SUPERVISOR	Tim Dickson		

DR SW

DR

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,094.44

ONLY IF PAID ON OR BEFORE

Dec 20, 2013

Subtotal	7,480.12
Sales Tax	609.63
Total Invoice Amount	8,089.75
Payment/Credit Applied	
TOTAL	8,089.75

5995.31

Jost 1-27
copy to Dm
TID

ALLIED OIL & GAS SERVICES, LLC 061871

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Spout Bend

11-25-13 DATE	SEC. 27	TWP. 21S	RANGE 15	CALLED OUT 7:00AM	ON LOCATION 11:30AM	JOB START 12:30pm	JOB FINISH 5:30pm
JOINT LEASE	WELL# 1-27		LOCATION K-19 to Mackavilla		COUNTY POWERS	STATE KS	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			Bl Top 2N 1/2 E N dnter				

CONTRACTOR Duke 10
 TYPE OF JOB Rotary plug
 HOLE SIZE 7 7/8 T.D. 3985
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 3899
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Younger energy
 CEMENT AMOUNT ORDERED 220 60/40 41.5d
57# floreal 1#
 COMMON 132 @ 17.90 2362.80
 POZMIX 88 @ 9.35 822.80
 GEL 8 @ 23.40 187.20
 CHLORIDE @ _____
 ASC @ _____
floreal 55 @ 2.97 163.35
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 236.99 @ 2.48 587.75
 MILEAGE 9.88x 20 x 2.100 513.76
 TOTAL 4637.66

EQUIPMENT

PUMP TRUCK CEMENTER Charles King
 # 224 HELPER andy Pemele
 BULK TRUCK # 609-112 DRIVER Alex ocheme
 BULK TRUCK # _____ DRIVER tim dickson

REMARKS:

Run 3899' drill pipe
1st plug at 3829' mix 50 sbs
displace 500 water 47 Bbl mud
2nd plug at 1014' mix 50 sbs displace
9.5 Bbl 3rd plug at 285' mix 50
sbs displace 47 plug at 63' mix
20 sbs mix 30 sbs in Rat hole
max 20 sbs in mouse hole

SERVICE

DEPTH OF JOB 3899
 PUMP TRUCK CHARGE 2600.47
 EXTRA FOOTAGE @ _____
 MILEAGE HYM 20 @ 7.70 154.00
 MANIFOLD @ _____
LVH 20 @ 4.40 88.00
 @ _____

TOTAL 2842.47

CHARGE TO: Younger energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____

TOTAL _____

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 7480.13
 DISCOUNT -2094.44 IF PAID IN 30 DAYS
\$5,385.69

PRINTED NAME Nick Henderson

SIGNATURE [Signature]

Thank you!

DAILY DRILLING REPORT

DATE 11/26/13 RIG NO: 10

OPERATOR Younger Energy FAX NUMBER _____
 TELEPHONE _____

WELL DATA: Just # 1-27 fuel 18' Day #10
 DEPTH: 3986 ' AT 7:00 A.M. FORMATION: Ord.
 FEET MADE: 0 SURVEY * @ * @ * @
 BRIEF DESCRIPTION OF OPERATIONS

Tearing down

MUD PROPERTIES: WT. _____ VIS. _____ WL. _____ LCM _____ PH _____ CHL _____
 PV _____ YP _____ GEL _____ CAKE _____ OIL _____ SAND _____ SOLIDS _____
 SPM _____ PP _____ GPM _____ LINER _____

MUD MATERIALS ADDED: GEL _____ SODA ASH _____
 DAILY COST: CAUSTIC _____ LIME _____
 \$ _____ OIL _____ LCM _____
 TOTAL COST: LIGNITE _____ DPAC _____
 \$ _____ BAR _____

BIT RECORD: NO: 2 TYPE JZ HA20L SERIAL# L05219
 IN 995 ' OUT _____ MADE _____ IN _____ HOURS
 RPM _____ W.O.B. _____

BIT RECORD: NO: _____ TYPE _____ SERIAL# _____
 IN _____ ' OUT _____ MADE _____ IN _____ HOURS
 RPM _____ W.O.B. _____

TIME BREAKDOWN:	DRILLING	_____	RUN CASING	_____
	RIG CHECK	_____	CEMENT CASING	_____
	TRIP	<u>1/2</u>	<u>Plugging</u>	<u>2 1/2</u>
	SURVEY	_____	<u>W/Cementite</u>	<u>1 3/4</u>
	CIRCULATING	_____		
	TESTING	_____	<u>Plugging</u>	<u>4 3/4</u>
	LOGGING	_____		
	W.O.C.	_____	<u>Cleanbits</u>	<u>2</u>
	W.O.O.	_____		
	RIG REPAIRS	_____	<u>Tear</u>	<u>3 1/2</u>
	JET & CONN.	_____		

ADDITIONAL INFORMATION: Plugged well w/2200x
60/40 POZ 4% gel 1st plug - 3899' w/500x, 2nd
plug - 1014' w/500x, 3rd plug - 285' w/500x
4th plug - 63' w/200x, RH - 300x MK 200x
Callist # 61871 Plugged in @ 5:30pm 11/25/13
reg released same,