Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1096631

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 # 34090
Name: G. L. Allison Oil Operations, Inc.
Address 1: 15 SE 30 ROAD
Address 2:
City: GREAT BEND State: KS Zip: 67530 + _ _ _ _
Contact Person: Greg Allison
Phone: (620) 792-4643
CONTRACTOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Kevin Bailey
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 #:

08/29/2012	09/09/2012	09/10/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-21122-00-00
Spot Description:
_ - SW - SW - NW Sec. 21 Twp. 12 S. R. 32 ☐ East ☑ West
2310 Feet from ☑ North / ☐ South Line of Section
330 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx), Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Logan
Lease Name: YOUNKIN Well #: 21-TATE
Field Name:
Producing Formation: N/A
Elevation: Ground: 3041 Kelly Bushing: 3048
Total Vertical Depth: 4740 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 263 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: 21000 ppm Fluid volume: 300 bbls
Dewatering method used: Evaporated
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: 10/10/2012
☑ **Confidential Release Date:** 10/10/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/15/2012

1096631

Operator Name: G. L. Allison Oil Operations, Inc. Lease Name: YOUNKIN Well #: 21-TATE

Sec. 21 Twp. 12 S. R. 32 ☐ East ☑ West County: Logan

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

DUAL INDUCTION LOG
DUAL COMPENSATED POROSITY LOG
MICROSENSITIVITY LOG

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
ANHYDRITE	2562	+486
LANSING	4044	-996
BKC	4340	-1292
PAWNEE	4374	-1326
JOHNSON	4604	-1554
MISSISSIPPIAN	4628	-1580

CASING RECORD ☑ New ☐ 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
SURFACE	12.2500	8.6250	24	263	COMMON	245	3%CC 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ 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 *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

DRILL STEM TEST REPORT

Prepared For: **G.L.Allison**

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

Younkin 21 TATE

21-12s-32w-Logan

Start Date: 2012.09.07 @ 03:22:00

End Date: 2012.09.07 @ 11:04:30

Job Ticket #: 17267 DST #: 1

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.09.07 @ 23:25:33

DRILL STEM TEST REPORT

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17267 **DST#: 1**

Test Start: 2012.09.07 @ 03:22:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:22:30
Time Test Ended: 11:04:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Scott City-

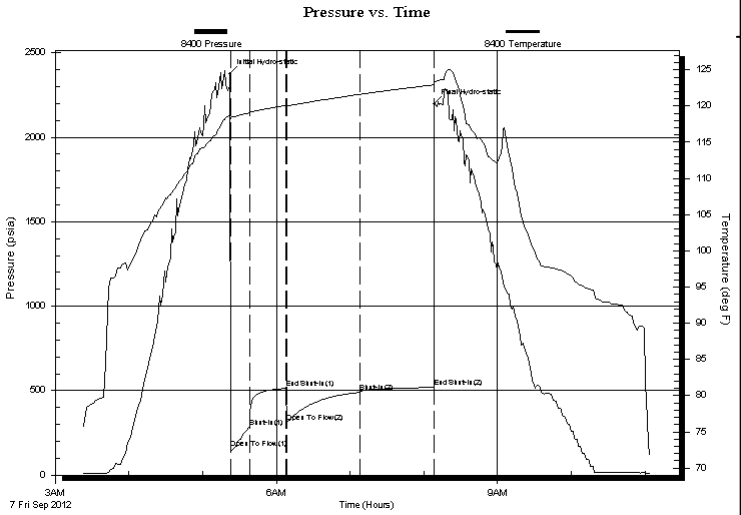
Interval: 4590.00 ft (KB) To 4620.00 ft (KB) (TVD)
Total Depth: 4620.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)
3041.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**

Press@RunDepth:	489.72 psia @	4617.00 ft (KB)		Capacity:	5000.00 psia
Start Date:	2012.09.07	End Date:	2012.09.07	Last Calib.:	2012.09.07
Start Time:	03:22:00	End Time:	11:04:30	Time On Btm:	2012.09.07 @ 05:22:00
				Time Off Btm:	2012.09.07 @ 08:08:30

TEST COMMENT: 1st Open 15 Minutes Fair building blow blew bottom bucket 3.5 minutes.
1st Shut in 30 Minutes No blow back
2nd Open 60 Minutes Fair building blow blew bottom bucket 6 minutes.
2nd Shut in 60 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2376.84	118.77	Initial Hydro-static
1	156.69	118.21	Open To Flow (1)
16	285.61	119.07	Shut-In(1)
46	513.71	120.08	End Shut-In(1)
46	315.57	120.00	Open To Flow (2)
106	489.72	121.60	Shut-In(2)
166	518.97	122.93	End Shut-In(2)
167	2198.98	123.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	Very lightly oil spotted mud	3.48
0.00	Mud 90% Water 10%	0.00
761.00	Water 100%	10.67
0.00	Chlorides 59,000@52 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17267 **DST#: 1**

Test Start: 2012.09.07 @ 03:22:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:22:30
Time Test Ended: 11:04:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Scott City-

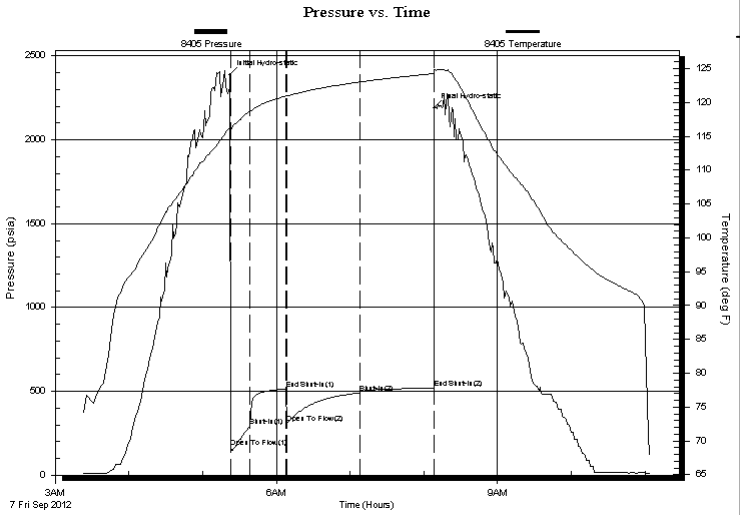
Interval: 4590.00 ft (KB) To 4620.00 ft (KB) (TVD)
Total Depth: 4620.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)
3041.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Inside**

Press@RunDepth:	519.88 psia @	4616.00 ft (KB)		Capacity:	5000.00 psia
Start Date:	2012.09.07	End Date:	2012.09.07	Last Calib.:	2012.09.07
Start Time:	03:22:00	End Time:	11:04:30	Time On Btm:	2012.09.07 @ 05:22:00
				Time Off Btm:	2012.09.07 @ 08:08:30

TEST COMMENT: 1st Open 15 Minutes Fair building blow blew bottom bucket 3.5 minutes.
1st Shut in 30 Minutes No blow back
2nd Open 60 Minutes Fair building blow blew bottom bucket 6 minutes.
2nd Shut in 60 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2386.23	116.31	Initial Hydro-static
1	163.99	115.69	Open To Flow (1)
17	291.80	118.72	Shut-In(1)
46	514.54	120.96	End Shut-In(1)
47	311.37	120.96	Open To Flow (2)
106	490.10	123.03	Shut-In(2)
166	519.88	124.26	End Shut-In(2)
167	2191.99	124.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	Very lightly oil spotted mud	3.48
0.00	Mud 90% Water 10%	0.00
761.00	Water 100%	10.67
0.00	Chlorides 59,000@52 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17267 **DST#: 1**

Test Start: 2012.09.07 @ 03:22:00

Tool Information

Drill Pipe:	Length:	4591.00 ft	Diameter:	3.80 inches	Volume:	64.40 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:		75000.00 lb
					Total Volume:	64.40 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		29.00 ft					String Weight:	Initial	59000.00 lb
Depth to Top Packer:		4590.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		30.00 ft							
Tool Length:		58.00 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			4567.00		
Hydrolic Tool	5.00			4572.00		
Jars	6.00			4578.00		
Safety Joint	2.00			4580.00		
Packer	5.00			4585.00	28.00	Bottom Of Top Packer
Packer	5.00			4590.00		
Anchor	25.00			4615.00		
Recorder	1.00	8405	Inside	4616.00		
Recorder	1.00	8400	Outside	4617.00		
Bull Plug	3.00			4620.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**58.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17267 **DST#: 1**

Test Start: 2012.09.07 @ 03:22:00

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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.40 in³	Gas Cushion Type:			
Resistivity:	0.20 ohm.m	Gas Cushion Pressure:	psia		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	Very lightly oil spotted mud	3.479
0.00	Mud 90% Water 10%	0.000
761.00	Water 100%	10.675
0.00	Chlorides 59,000@52 degrees.	0.000

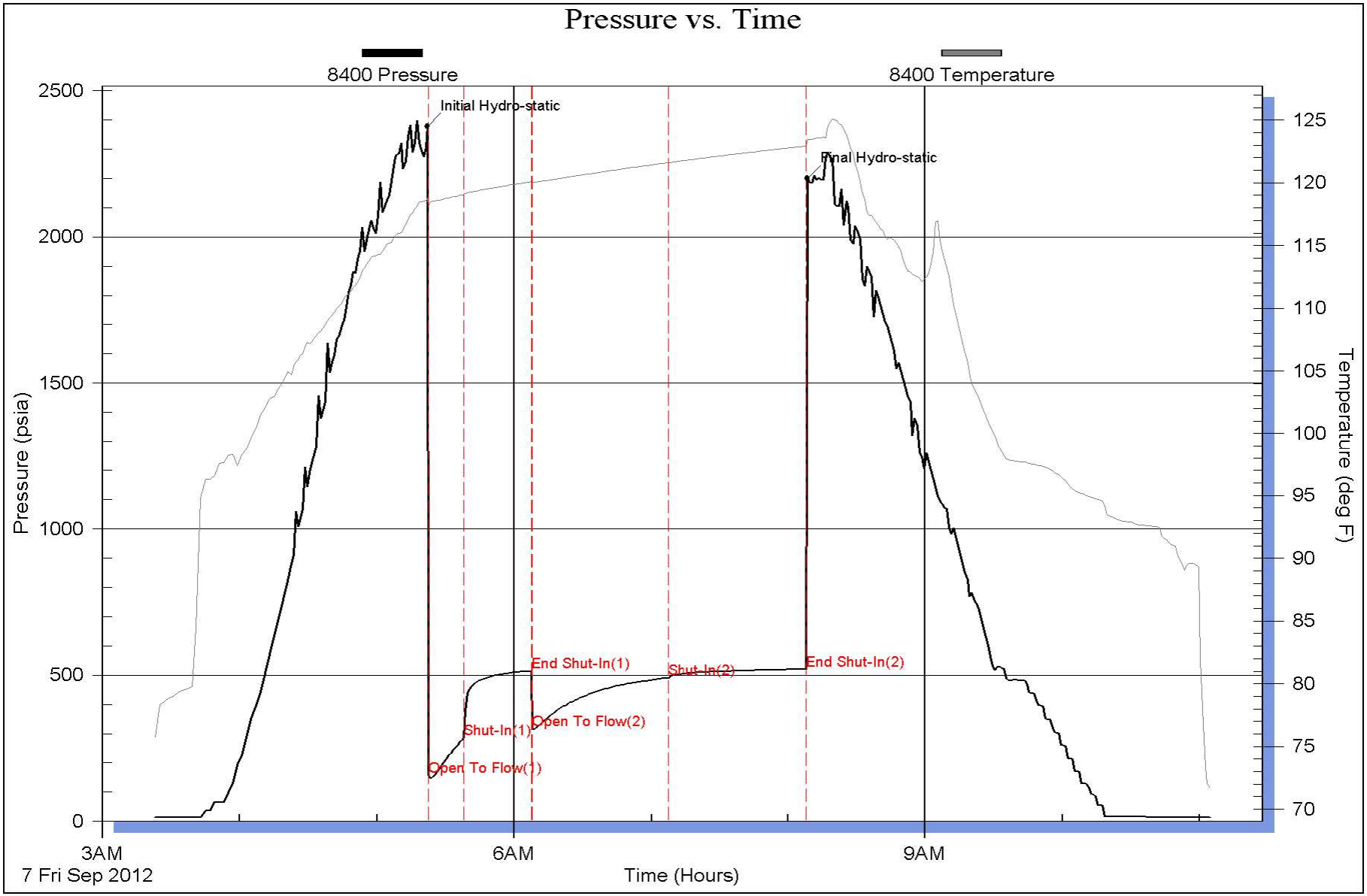
Total Length: 1009.00 ft Total Volume: 14.154 bbl

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

Laboratory Name: Laboratory Location:

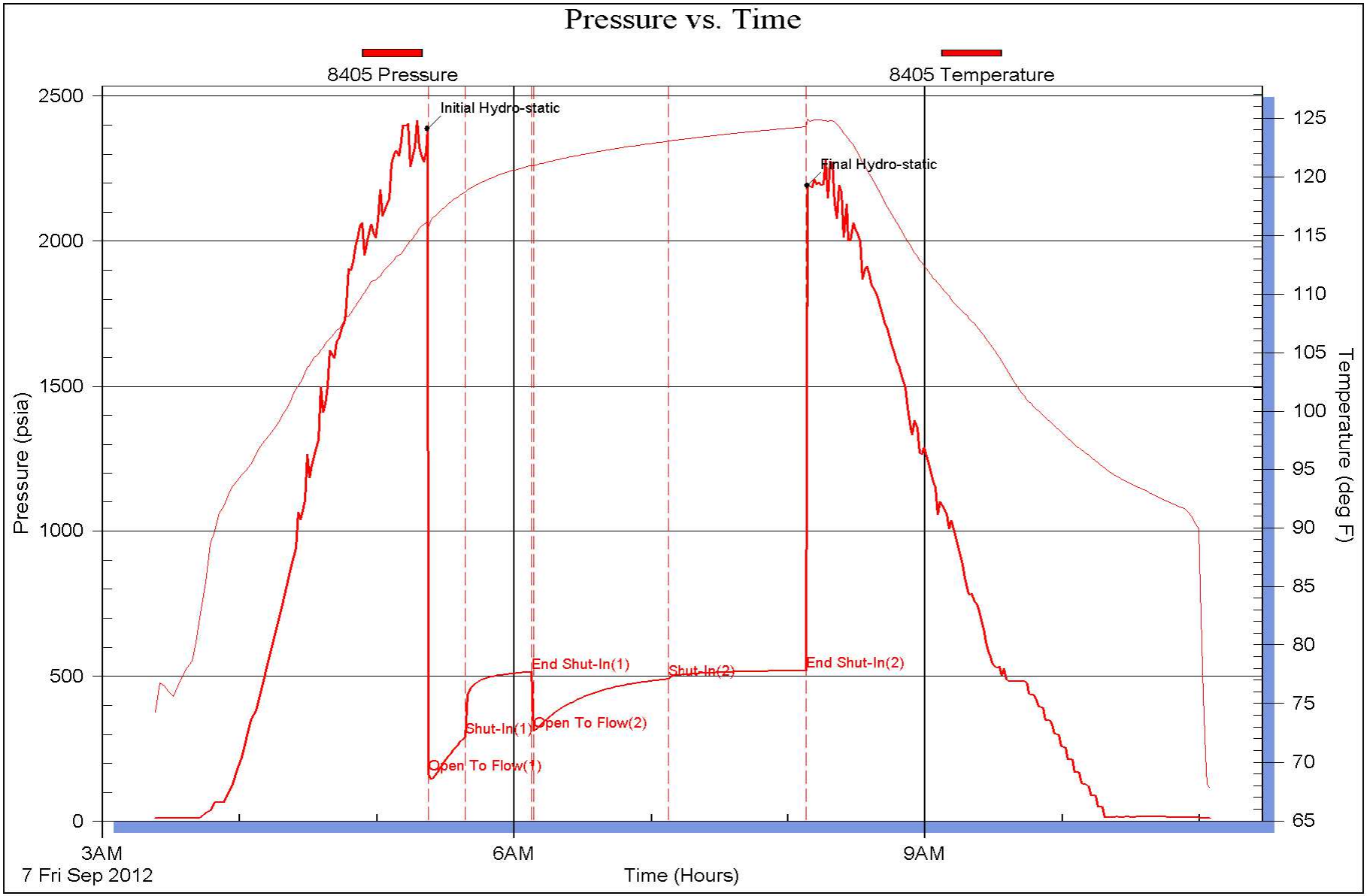
Recovery Comments:

Serial #: 8400 **Outside** G.L.Allison Younkin 21 TATE DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 17267 Printed: 2012.09.07 @ 23:25:34

Serial #: 8405 **Inside** G.L.Allison Younkin 21 TATE DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 17267 Printed: 2012.09.07 @ 23:25:34

DRILL STEM TEST REPORT

Prepared For: **G.L.Allison**

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

Younkin 21 TATE

21-12s-32w-Logan

Start Date: 2012.09.08 @ 01:11:00

End Date: 2012.09.08 @ 07:06:23

Job Ticket #: 17268 DST #: 2

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.09.08 @ 17:19:09

DRILL STEM TEST REPORT

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17268 **DST#: 2**

Test Start: 2012.09.08 @ 01:11:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:00:53
Time Test Ended: 07:06:23

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Scott City-55

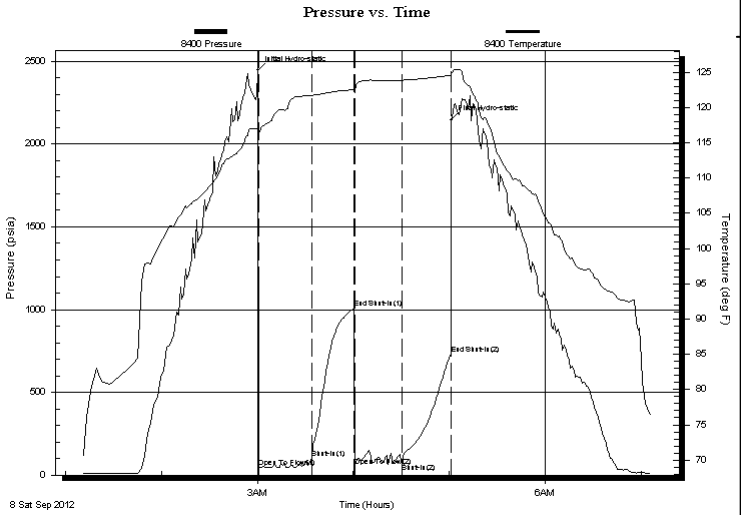
Interval: 4630.00 ft (KB) To 4655.00 ft (KB) (TVD)
Total Depth: 4655.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)
3041.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**

Press@RunDepth:	72.62 psia @	4652.00 ft (KB)		Capacity:	5000.00 psia
Start Date:	2012.09.08	End Date:	2012.09.08	Last Calib.:	2012.09.08
Start Time:	01:11:00	End Time:	07:06:23	Time On Btm:	2012.09.08 @ 03:00:23
				Time Off Btm:	2012.09.08 @ 05:01:23

TEST COMMENT:
1st Open 30 minutes Weak blow blew 1/2 inch into the bucket.
1st Shut in 30 minutes No blow back
2nd Open 30 minutes Weak surface blow
2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2446.39	117.05	Initial Hydro-static
1	44.54	116.35	Open To Flow (1)
34	99.90	121.68	Shut-In(1)
60	1009.76	122.53	End Shut-In(1)
61	53.31	122.04	Open To Flow (2)
90	72.62	123.82	Shut-In(2)
121	729.74	124.55	End Shut-In(2)
121	2147.46	125.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Oil cut mud 2%Oil 98%Mud	0.43

Gas Rates

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

DRILL STEM TEST REPORT

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17268 **DST#: 2**

Test Start: 2012.09.08 @ 01:11:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:00:53
Time Test Ended: 07:06:23

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Scott City-55

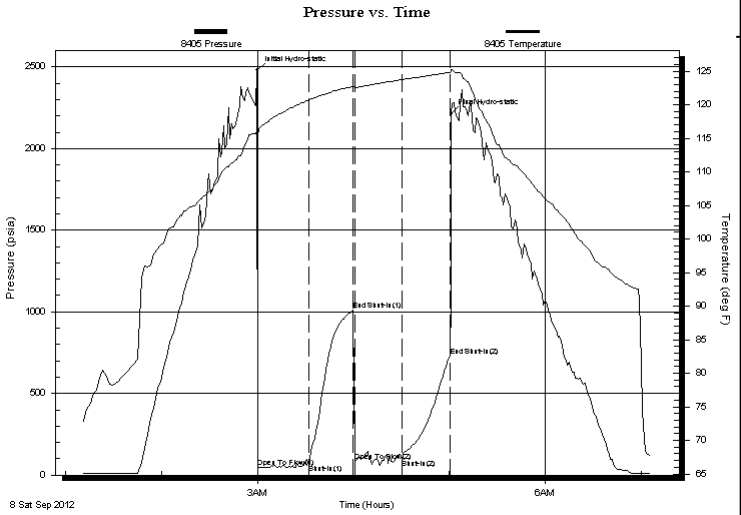
Interval: 4630.00 ft (KB) To 4655.00 ft (KB) (TVD)
Total Depth: 4655.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)
3041.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Inside**

Press@RunDepth:	728.49 psia @	4651.00 ft (KB)		Capacity:	5000.00 psia
Start Date:	2012.09.08	End Date:	2012.09.08	Last Calib.:	2012.09.08
Start Time:	01:11:00	End Time:	07:05:53	Time On Btm:	2012.09.08 @ 02:59:53
				Time Off Btm:	2012.09.08 @ 05:01:23

TEST COMMENT:
1st Open 30 minutes Weak blow blew 1/2 inch into the bucket.
1st Shut in 30 minutes No blow back
2nd Open 30 minutes Weak surface blow
2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2479.37	115.93	Initial Hydro-static
1	45.93	115.44	Open To Flow (1)
33	65.57	120.65	Shut-In(1)
60	1009.95	122.70	End Shut-In(1)
61	84.48	122.52	Open To Flow (2)
91	97.57	123.71	Shut-In(2)
121	728.49	124.80	End Shut-In(2)
122	2211.06	125.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Oil cut mud 2%Oil 98%Mud	0.43

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17268 **DST#: 2**

Test Start: 2012.09.08 @ 01:11:00

Tool Information

Drill Pipe:	Length:	4622.00 ft	Diameter:	3.80 inches	Volume:	64.83 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:		82000.00 lb
					Total Volume:	64.83 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		4630.00 ft						Final	60000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		25.00 ft							
Tool Length:		53.00 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			4607.00		
Hydrolic Tool	5.00			4612.00		
Jars	6.00			4618.00		
Safety Joint	2.00			4620.00		
Packer	5.00			4625.00	28.00	Bottom Of Top Packer
Packer	5.00			4630.00		
Anchor	20.00			4650.00		
Recorder	1.00	8405	Inside	4651.00		
Recorder	1.00	8400	Outside	4652.00		
Bull Plug	3.00			4655.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

G.L.Allison

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

21-12s-32w-Logan

Younkin 21 TATE

Job Ticket: 17268 **DST#: 2**

Test Start: 2012.09.08 @ 01:11:00

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:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.00 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	2600.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Oil cut mud 2%Oil 98%Mud	0.435

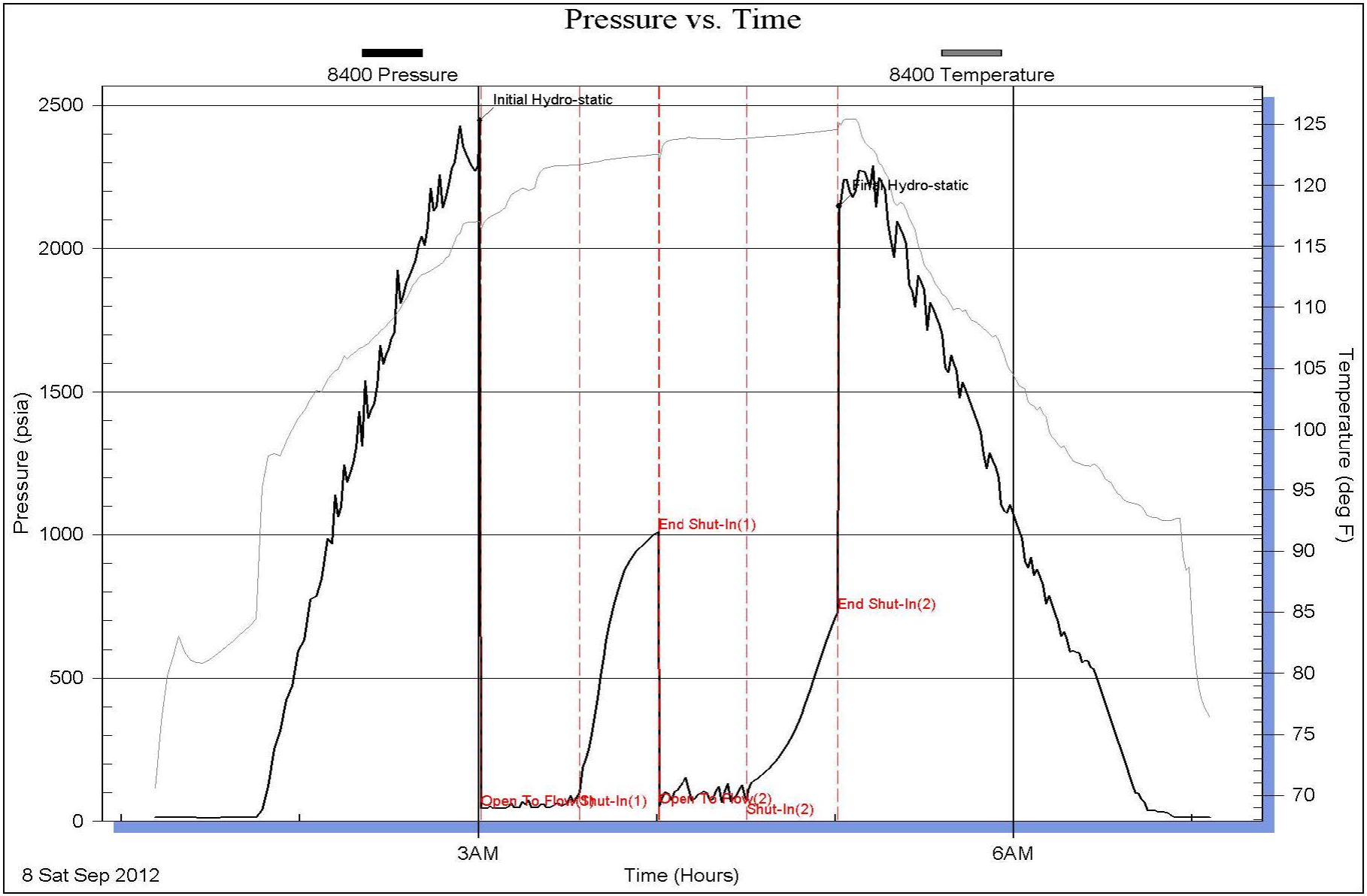
Total Length: 31.00 ft Total Volume: 0.435 bbl

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

Laboratory Name: Laboratory Location:

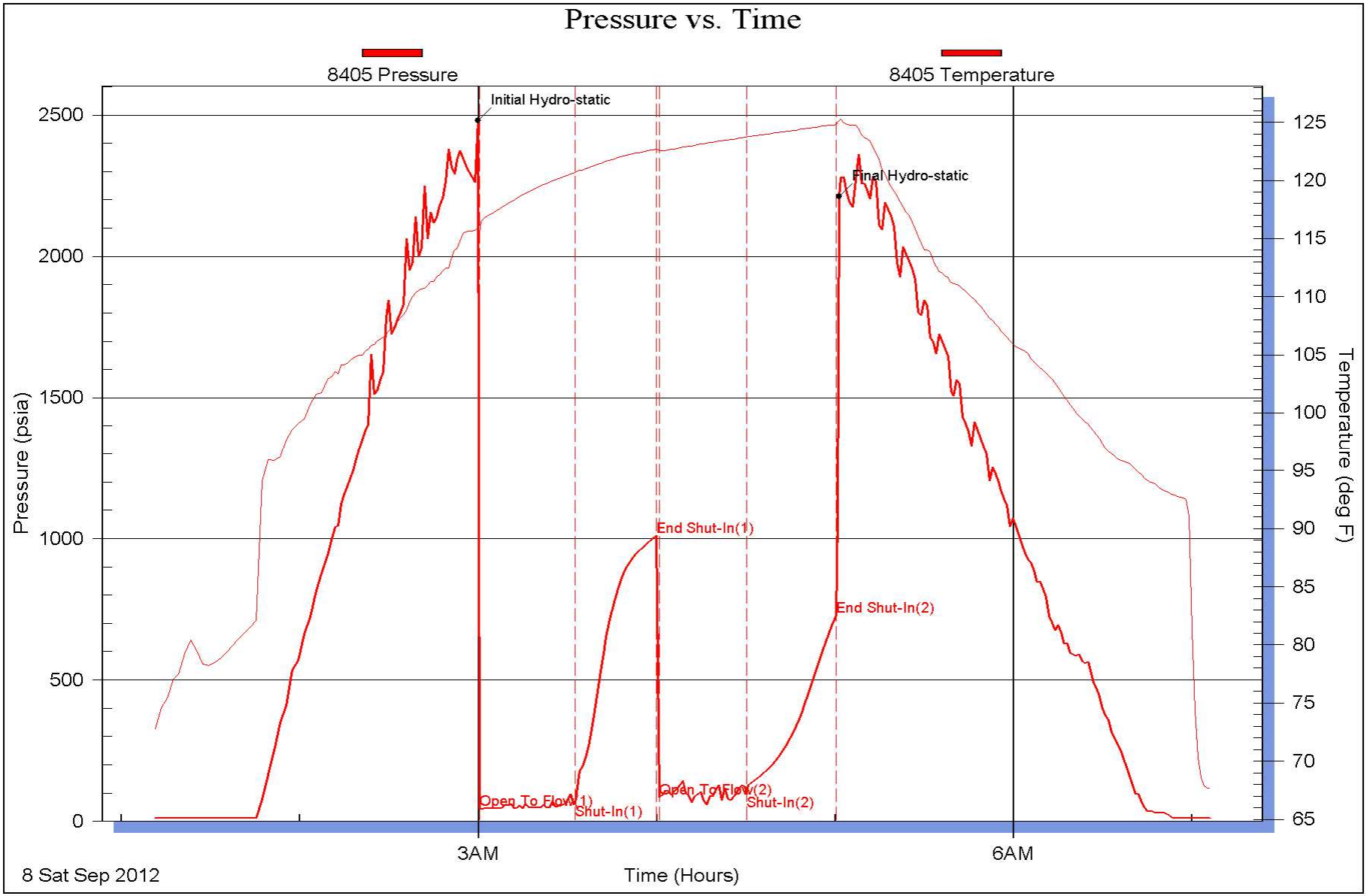
Recovery Comments:

Serial #: 8400 **Outside** G.L.Allison Younkin 21 TATE DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 17268 Printed: 2012.09.08 @ 17:19:09

Serial #: 8405 **Inside** G.L.Allison Younkin 21 TATE DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 17268 Printed: 2012.09.08 @ 17:19:10

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

Kansas
Corporation Commission

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

October 09, 2012

Greg Allison
G. L. Allison Oil Operations, Inc.
15 SE 30 ROAD
GREAT BEND, KS 67530

Re: ACO1
API 15-109-21122-00-00
YOUNKIN 21-TATE
NW/4 Sec.21-12S-32W
Logan 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.

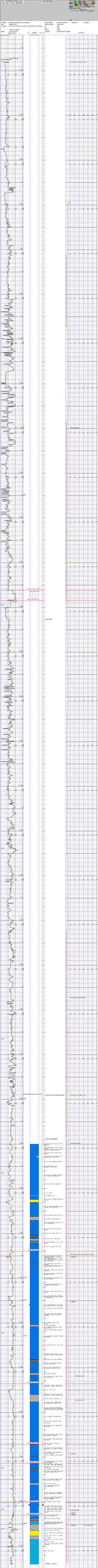
Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Greg Allison

THE TOWNSTRUCTURALS
DRILL & FILL SERVICE

COMPANY	SLIDEWAY DRILLING & FILLING SERVICE	WELL NAME	SLIDEWAY DRILLING	DATE	11/08/07
LOCATION	SOUTHERN CROSS, NORTH, W. AUSTRALIA	RIG NAME	SLIDEWAY		
		RIG TYPE	SLIDE		
		BIT	12.25"		
		DRILLER	SLIDEWAY		
		DATUM	RT TO ROTARY TABLE		

DEPTH | LITHOLOGY | TVD | MD



CONSOLIDATED
Oil Well Services, LLC

3:00 plugged Am

TICKET NUMBER 36740
LOCATION Oakley KS
FOREMAN Fuzzy

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
9-10-11	1236	Younkin Gal-Tade	21	12	32	Logan KS

CUSTOMER: G.L. Alison

MAILING ADDRESS: Oakley S-ute Rd 1w 1/2 n w in

CITY | STATE | ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Jerry		
460	Jordan		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4540 CASING SIZE & WEIGHT
CASING DEPTH DRILL PIPE 4 1/2 TUBING OTHER
SLURRY WEIGHT 14.1 SLURRY VOL 1.40 WATER gal/sk 6.7 CEMENT LEFT in CASING
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on Pickrell #10. Rig up and plug as ordered
25 sks @ 2580'
100 sks @ 1591' 205 sks 60/40 poz 4% gel 1/4# flo-seal
40 sks @ 315'
10 sks @ 40'
30 sks in RH

Thanks Fuzzy & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325.00	1325.00
5406	10	MILEAGE	5.00	50.00
5407	8.8 ton	Ton Mileage Delivery (min)	410.00	410.00
1131	205 sks	60/40 poz	15.10	3095.50
1118B	705#	Bentonite	.25	176.25
1107	51#	Flo-seal	2.83	143.83
4432	1	8 5/8 wood cup plug	96.00	96.00
		subtotal		5296.58
		less 10%		529.65
		subtotal		4766.93
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION Eric Gee TITLE Driller 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

TICKET NUMBER 37085
LOCATION Oakley
FOREMAN Fuzzy

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
6-29-12	1276	Tate Younkin #21	21	12	32	Logan KS

CUSTOMER: G.L. Alison
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

Oakley
S-U-E
Rd
1 W-
1 N-
W-N

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Jerry		
566	Jordan		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 267' CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 262' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 15.4 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on Pickrell #10 Rig up and circulate mix 245 sks class "A" 3% cc 2% gel. Displace 15 1/2 BBL and shut in Cement did circulate approx 4 BBL to pit.

Thanks Fuzzy & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1085.00	1085.00
5406	10	MILEAGE	5.00	50.00
5407A	11.5	Ton mileage Delivery	410.00	410.00
1104S	245 sks	Class "A" cement	17.65	4324.25
1102	691#	Calcium Chloride	.89	614.99
1118B	461#	Bentonite	.25	115.25
		subtotal		6599.49
		less 10%		659.94
		subtotal		5939.55
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION Greg Alison 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