



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1094666
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: _____

1094666

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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PAGE	CUST NO	INVOICE DATE
1 of 1	1003562	09/12/2012
INVOICE NUMBER		
1718 - 91000402		

Pratt (620) 672-1201
 B ROBERTS RESOURCES INC
 I 2020 N TYLER RD STE 106
 L WICHITA
 L KS US 67212
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Weigel 1-1
 O LOCATION 71730
 B COUNTY Russell
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40510576	19843		Net - 30 days	10/12/2012	
For Service Dates: 09/11/2012 to 09/11/2012					
0040510576					
171806877A Cement-New Well Casing/Pi 09/11/2012 Cement 8 5/8" Surface					
60/40 POZ		225.00	EA	7.80	1,754.99 T
Celloflake		57.00	EA	2.41	137.09 T
Calcium Chloride		582.00	EA	0.68	397.22 T
"Wooden Cmt Plug, 8 5/8""		1.00	EA	104.00	104.00
"Unit Mileage Chg (PU, cars one way)"		100.00	MI	2.76	276.25
Heavy Equipment Mileage		200.00	MI	4.55	910.00
"Proppant & Bulk Del. Chgs., per ton mil		970.00	EA	1.04	1,008.80
Depth Charge; 0-500'		1.00	EA	650.00	650.00
Plug Container Util. Chg.		1.00	EA	162.50	162.50
"Service Supervisor, first 8 hrs on loc.		1.00	EA	113.75	113.75
Blending & Mixing Service Charge		225.00	BAG	0.91	204.75

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,719.35
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	190.01
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	5,909.36
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

BASIC

energy services, L.P.

TREATMENT REPORT

Customer ROBERTS RESOURCES, INC.	Lease No.	Date 9-11-2012	
Lease WEIAEL	Well # 1-1		
Field Order # 06877	Station PRATT, KS.	Casing 8 5/8"	Depth
Type Job CNW-8 5/8" S.P.	Formation TD-1410'	County RUSSELL	State KS.
		Legal Description 1-12-14	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8" x 24"	Tubing Size	Shots/Ft	CMT-	Acid 225SK (6/40) POZ	RATE	PRESS	ISIP	
Depth 240'	Depth	From	To	Pre Pad 21.21 CWT	Max		5 Min.	
Volume 27.98 BBL	Volume	From	To	Pad	Min		10 Min.	
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 100'	Packer Depth	From	To	Flush 26.5 BBL	Gas Volume		Total Load	

Customer Representative K. ROBERTS	Station Manager D. SCOTT	Treater K. LESLEY
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Service Units	37586	19889	19843	19960	21010				
Driver Names	LESLEY								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:45PM	9-10-12				ON LOCATION! - SAFETY MEETING
1:30AM	9-11-12				RUN 10 JTS. 8 5/8" x 24"
2:45AM					CSG. ON BOTTOM
2:50AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
3:30AM	100		5	6	H2O AHEAD
3:31AM	50		49	6	MIX 225SKS. (6/40) POZ @ 14.8 PPG
3:39AM	0		0	5	START DISPLACEMENT
3:43PM	150		20	3	SLOW RATE
3:45AM	150		26.5	3	PLUG @ DESIRED DEPTH
					CIRC. THRU SUB
					CIRC. 10 BBL TO PIT

JOB COMPLETE,
THANKS -
KEVEN LESLEY



PAGE	CUST NO	INVOICE DATE
1 of 1	1003562	09/19/2012
INVOICE NUMBER		
1718 - 91005498		

Pratt (620) 672-1201
 B ROBERTS RESOURCES INC
 I 2020 N TYLER RD STE 106
 L WICHITA
 L KS US 67212
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Weigel 1-1
 O LOCATION
 B COUNTY Russell 71730
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40513020	27463		Net - 30 days	10/19/2012	
For Service Dates: 09/17/2012 to 09/17/2012					
0040513020					
171806881A Cement-New Well Casing/Pi 09/17/2012 <u>Cement P.T.A.</u>					
60/40 POZ		205.00	EA	7.80	1,599.00 T
Celloflake		52.00	EA	2.41	125.06 T
Cement Gel		354.00	EA	0.16	57.53 T
"Wooden Cmt Plug, 8 5/8""		1.00	EA	104.00	104.00
"Unit Mileage Chg (PU, cars one way)"		100.00	MI	2.76	276.25
Heavy Equipment Mileage		200.00	MI	4.55	910.00
"Proppant & Bulk Del. Chgs., per ton mil		885.00	EA	1.04	920.40
Depth Charge; 3001-4000'		1.00	EA	1,404.00	1,404.00
Blending & Mixing Service Charge		205.00	BAG	0.91	186.55
"Service Supervisor, first 8 hrs on loc.		1.00	EA	113.75	113.75

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,696.54
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	147.87
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	5,844.41
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Customer: ROBERTS RESOURCES	Lease No.	Date: 9-17-2012
Lease: WEIGEL	Well #: 1-1	
Field Order #: 06881	Station: PRATT, Ks.	Casing
Type Job: CNW-P.T.A.	Formation	Depth
		County: RUSSELL
		State: Ks.
		Legal Description: 7-12-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
			CNTT-	205SKS. 60/400				5 Min.
Depth	Depth	From	To	Pre Pad	Max			
				@ 1.43 CU FT				10 Min.
Volume	Volume	From	To	Pad	Min			
								15 Min.
Max Press	Max Press	From	To	Frac	Avg			
								Annulus Pressure
Well Connection	Annulus Vol.	From	To		HHP Used			
								Total Load
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			

Customer Representative: K. ROBERTS	Station Manager: D. SCOTT	Treater: K. LESLEY
Service Units: 37586 27463 19826 19860		
Driver Names: LESLEY MARQUEZ LAURENCE		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
7:30 AM					ON LOCATION - SAFETY MEETING
8:40 AM					*1 ST PLUG - 3374' W / 25 SKS.
8:50 AM	350		15	6	H ₂ O HEAD
8:52 AM	350		6	6	25 SKS. CNTT @ 13.78 PPG
8:53 AM	350		4	6	H ₂ O BEHIND CNTT.
9:00 AM	300		42	6	MUD DISPLACEMENT
8:55 AM					*2 ND PLUG @ 750' W / 25 SKS.
9:00 AM	100		5	6	H ₂ O AHEADS
9:05 AM	100		6	6	25 SKS. CNTT @ 13.78 PPG
9:10 AM	75		7	6	H ₂ O BEHIND CNTT.
8:57 AM					*3 RD PLUG @ 437' W / 100 SKS.
10:47 AM			5	5	H ₂ O AHEADS
10:48 AM			25	5	100 SKS. CNTT @ 13.78 PPG
10:51 AM			1	5	H ₂ O BEHIND CNTT
					4 TH PLUG @ 40' W / 10 SKS.
12:20 PM	0		2.5	2.5	10 SKS. CNTT. - CNTT. TO SURFACE
			6, 4		R.H. & M.H.



DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Incorporated**

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212

ATTN: Kent Roberts

Weigel #1-1

1/12S/14W/Russell

Start Date: 2012.09.14 @ 03:36:00

End Date: 2012.09.14 @ 10:24:00

Job Ticket #: 17830 DST #: 1

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

Printed: 2012.09.14 @ 10:47:25



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17830

DST#: 1

Test Start: 2012.09.14 @ 03:36:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:39:30

Time Test Ended: 10:24:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2906.00 ft (KB) To 2936.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 2936.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 49.03 psia @ 2932.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.14

End Date: 2012.09.14

Last Calib.: 2012.09.14

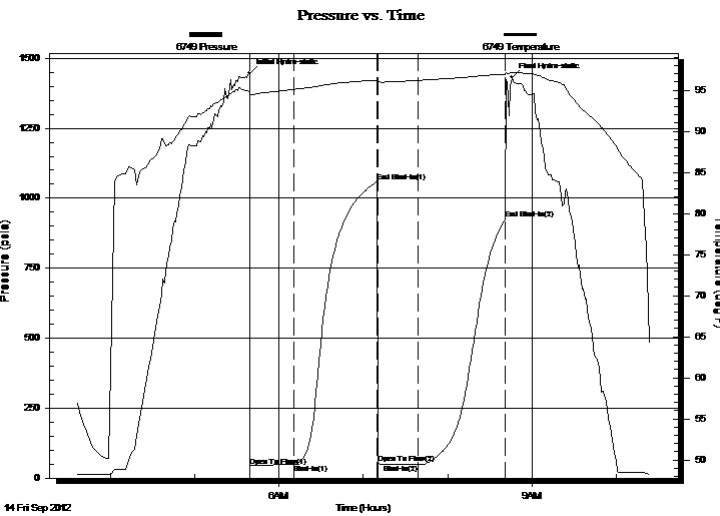
Start Time: 03:36:00

End Time: 10:24:00

Time On Btm: 2012.09.14 @ 05:39:00

Time Off Btm: 2012.09.14 @ 08:45:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 1 1/2 inches in bucket of water
1ST Shut In 60 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 1/2 inch in bucket of water
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1447.17	94.80	Initial Hydro-static
1	43.82	94.41	Open To Flow (1)
32	48.30	95.08	Shut-In(1)
91	1059.09	96.20	End Shut-In(1)
92	51.87	95.99	Open To Flow (2)
120	49.03	96.19	Shut-In(2)
182	927.31	96.93	End Shut-In(2)
187	1431.71	97.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut Mud	0.28
0.00	Oil 10% Mud 90%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17830

DST#: 1

Test Start: 2012.09.14 @ 03:36:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:39:30

Time Test Ended: 10:24:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2906.00 ft (KB) To 2936.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 2936.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6651 Outside

Press @ Run Depth: 928.06 psia @ 2933.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.14

End Date: 2012.09.14

Last Calib.: 2012.09.14

Start Time: 03:36:00

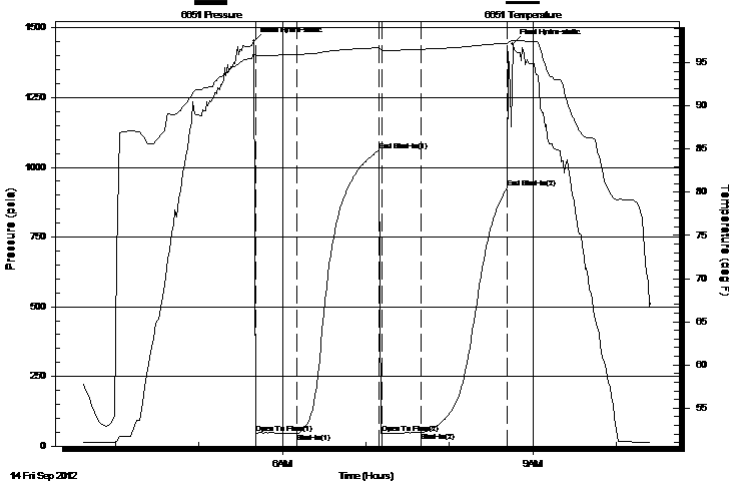
End Time: 10:24:30

Time On Btm: 2012.09.14 @ 05:39:30

Time Off Btm: 2012.09.14 @ 08:45:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 1 1/2 inches in bucket of water
1ST Shut In 60 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 1/2 inch in bucket of water
2ND Shut In 30 Minutes/No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1452.81	96.08	Initial Hydro-static
1	45.90	95.79	Open To Flow (1)
31	46.55	95.97	Shut-In(1)
90	1061.07	96.76	End Shut-In(1)
92	44.93	96.48	Open To Flow (2)
120	48.60	96.57	Shut-In(2)
182	928.06	97.28	End Shut-In(2)
186	1443.80	97.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut Mud	0.28
0.00	Oil 10% Mud 90%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17830

DST#: 1

Test Start: 2012.09.14 @ 03:36:00

Tool Information

Drill Pipe:	Length: 2906.00 ft	Diameter: 3.80 inches	Volume: 40.76 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: 62000.00 lb
			<u>Total Volume: 40.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	2906.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			2891.00	
Hydraulic Tool	5.00			2896.00	
Packer	5.00			2901.00	20.00 Bottom Of Top Packer
Packer	5.00			2906.00	
Anchor	25.00			2931.00	
Recorder	1.00	6749	Inside	2932.00	
Recorder	1.00	6651	Outside	2933.00	
Bullnose	3.00			2936.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17830

DST#: 1

Test Start: 2012.09.14 @ 03:36:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Oil cut Mud	0.281
0.00	Oil 10% Mud 90%	0.000

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

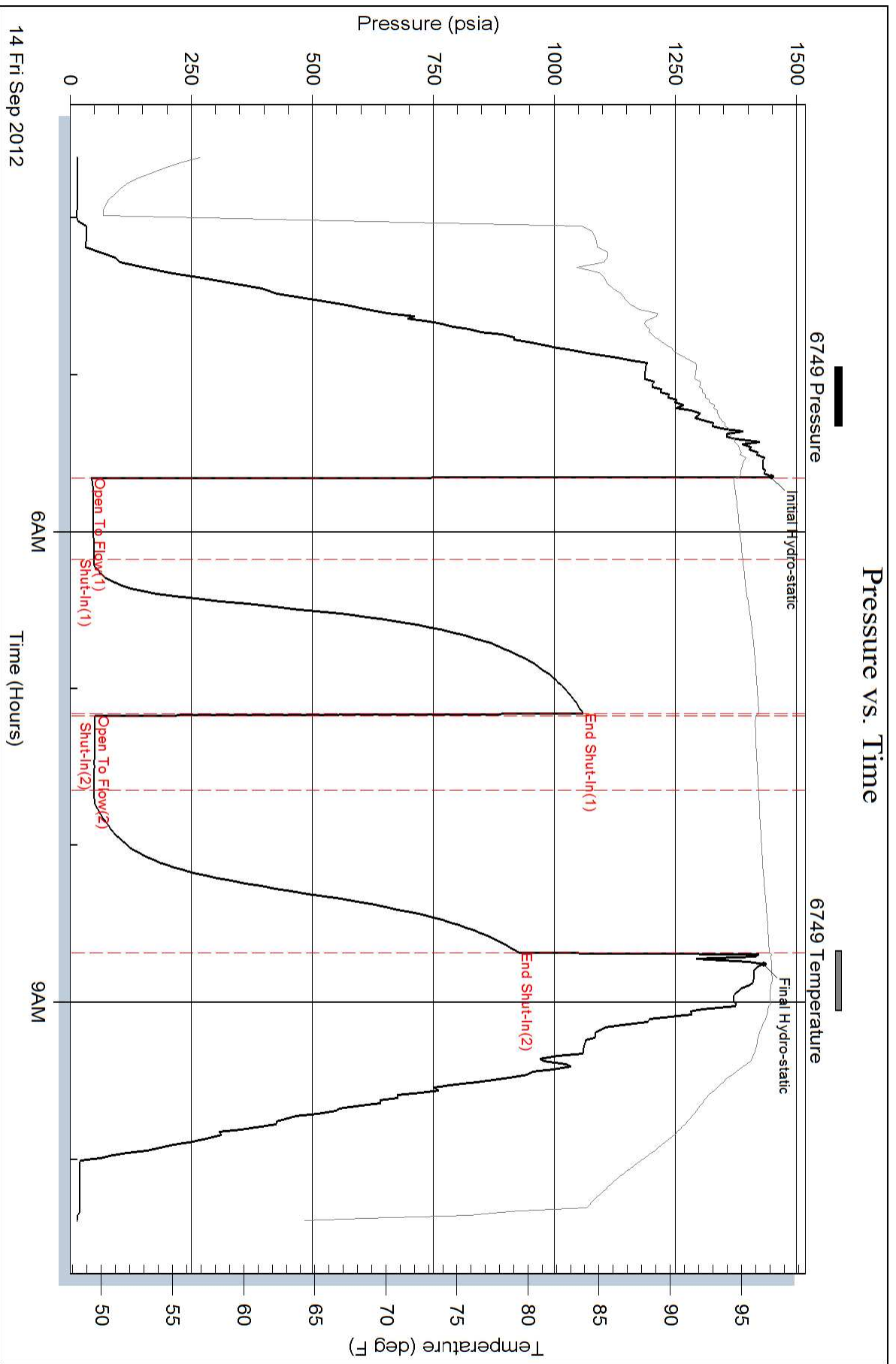
Serial #:

Laboratory Name:

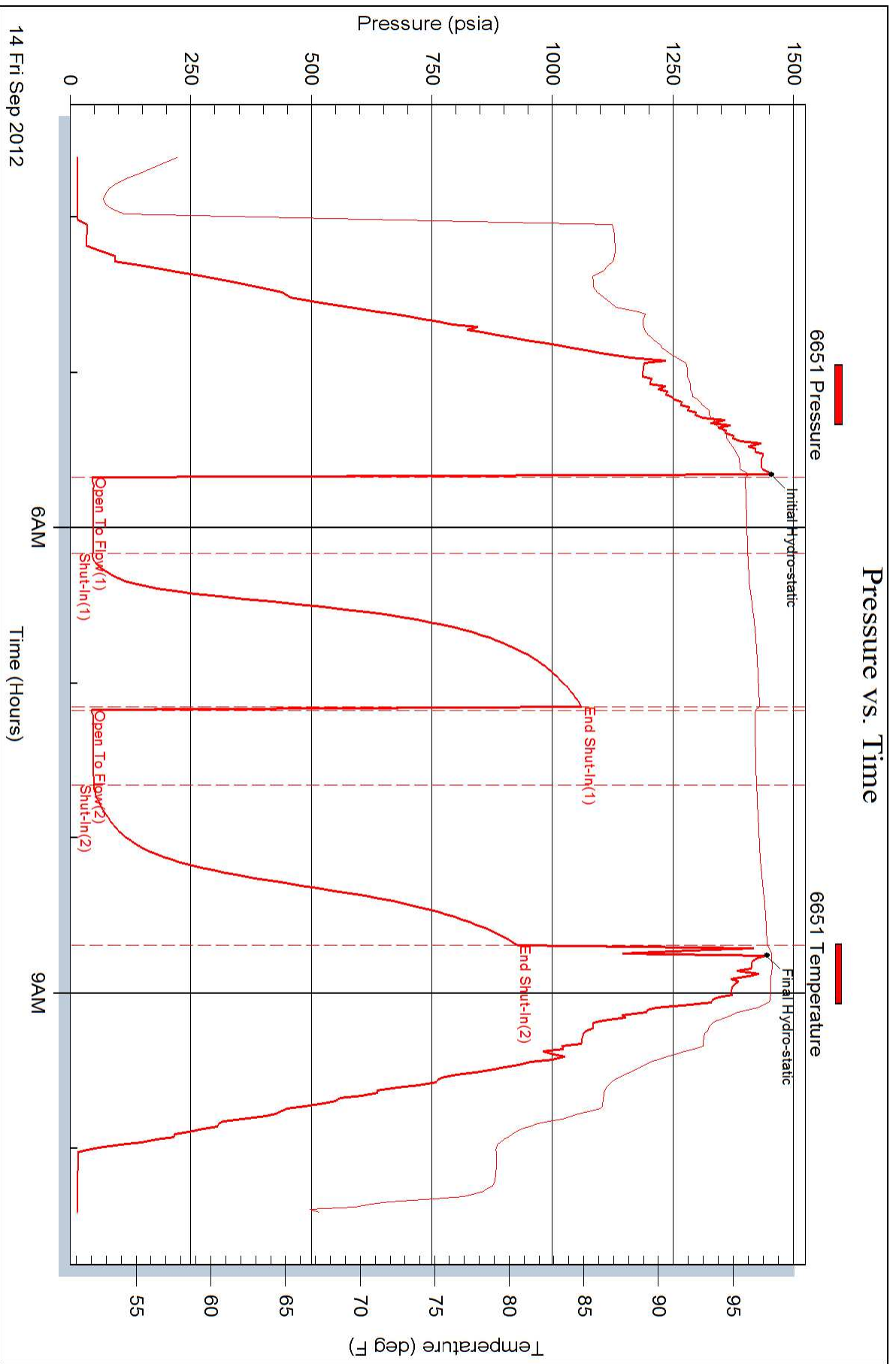
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Incorporated**

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212

ATTN: Kent Roberts

Weigel #1-1

1/12S/14W/Russell

Start Date: 2012.09.14 @ 17:25:00

End Date: 2012.09.14 @ 21:58:00

Job Ticket #: 17831 DST #: 2

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

Printed: 2012.09.14 @ 22:08:43



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17831

DST#: 2

Test Start: 2012.09.14 @ 17:25:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:37:30

Time Test Ended: 21:58:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2938.00 ft (KB) To 2956.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 2956.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 33.76 psia @ 2952.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.14

End Date: 2012.09.14

Last Calib.: 2012.09.14

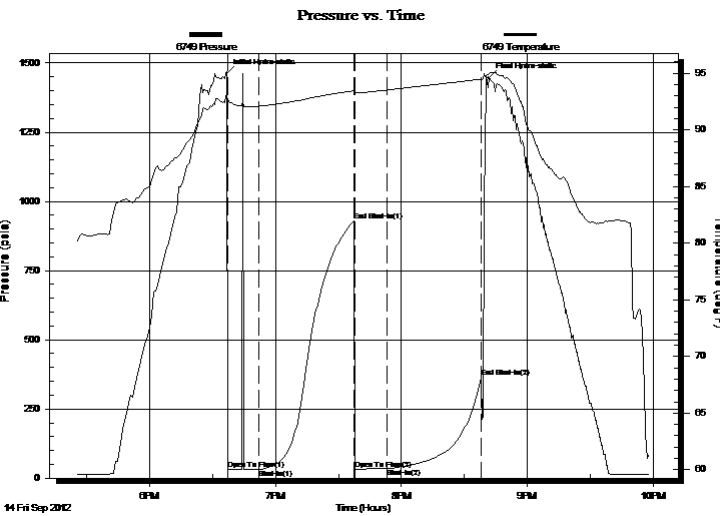
Start Time: 17:25:00

End Time: 21:58:00

Time On Btm: 2012.09.14 @ 18:37:00

Time Off Btm: 2012.09.14 @ 20:41:30

TEST COMMENT: 1ST Open 15 Minutes/Very weak blow/Gave surge then died/Flush tool gave surge then died
 1ST Shut In 45 Minutes/No blow back
 2ND Open 15 Minutes/Dead/No blow
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1462.57	93.08	Initial Hydro-static
1	30.30	92.50	Open To Flow (1)
15	32.51	92.10	Shut-In(1)
61	930.33	93.46	End Shut-In(1)
61	33.21	93.24	Open To Flow (2)
76	33.76	93.52	Shut-In(2)
121	363.13	94.50	End Shut-In(2)
125	1446.11	94.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%	0.04

Gas Rates

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



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17831

DST#: 2

Test Start: 2012.09.14 @ 17:25:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:37:30

Time Test Ended: 21:58:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2938.00 ft (KB) To 2956.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 2956.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6651 Outside

Press @ Run Depth: 361.12 psia @ 2953.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.14

End Date: 2012.09.14

Last Calib.: 2012.09.14

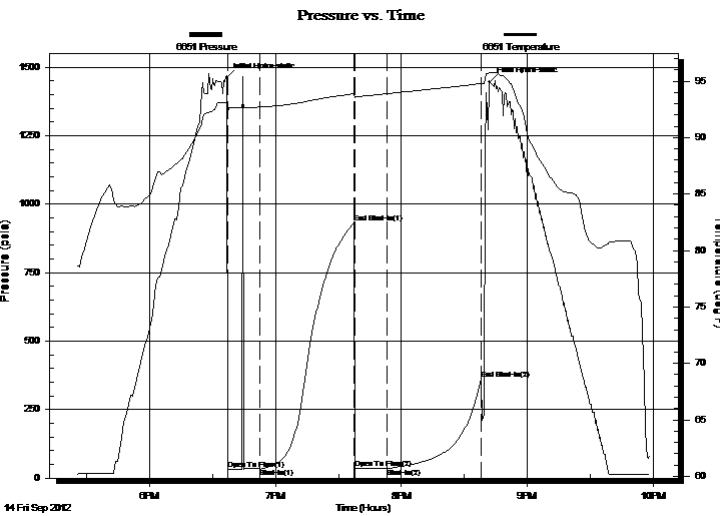
Start Time: 17:25:00

End Time: 21:58:00

Time On Btm: 2012.09.14 @ 18:37:00

Time Off Btm: 2012.09.14 @ 20:42:00

TEST COMMENT: 1ST Open 15 Minutes/Very weak blow/Gave surge then died/Flush tool gave surge then died
1ST Shut In 45 Minutes/No blow back
2ND Open 15 Minutes/Dead/No blow
2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1462.99	93.01	Initial Hydro-static
1	31.43	92.09	Open To Flow (1)
16	34.49	92.71	Shut-In(1)
61	930.82	93.89	End Shut-In(1)
61	34.92	93.53	Open To Flow (2)
76	35.55	93.89	Shut-In(2)
122	361.12	94.82	End Shut-In(2)
125	1446.84	95.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%	0.04

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17831

DST#: 2

Test Start: 2012.09.14 @ 17:25:00

Tool Information

Drill Pipe:	Length: 2938.00 ft	Diameter: 3.80 inches	Volume: 41.21 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: 70000.00 lb
			<u>Total Volume: 41.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	2938.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 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			2923.00	
Hydraulic Tool	5.00			2928.00	
Packer	5.00			2933.00	20.00 Bottom Of Top Packer
Packer	5.00			2938.00	
Anchor	13.00			2951.00	
Recorder	1.00	6749	Inside	2952.00	
Recorder	1.00	6651	Outside	2953.00	
Bullnose	3.00			2956.00	18.00 Bottom Packers & Anchor

Total Tool Length: 38.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17831

DST#: 2

Test Start: 2012.09.14 @ 17:25:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 42.00 sec/qt
Water Loss: 8.39 in³
Resistivity: ohm.m
Salinity: 7000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

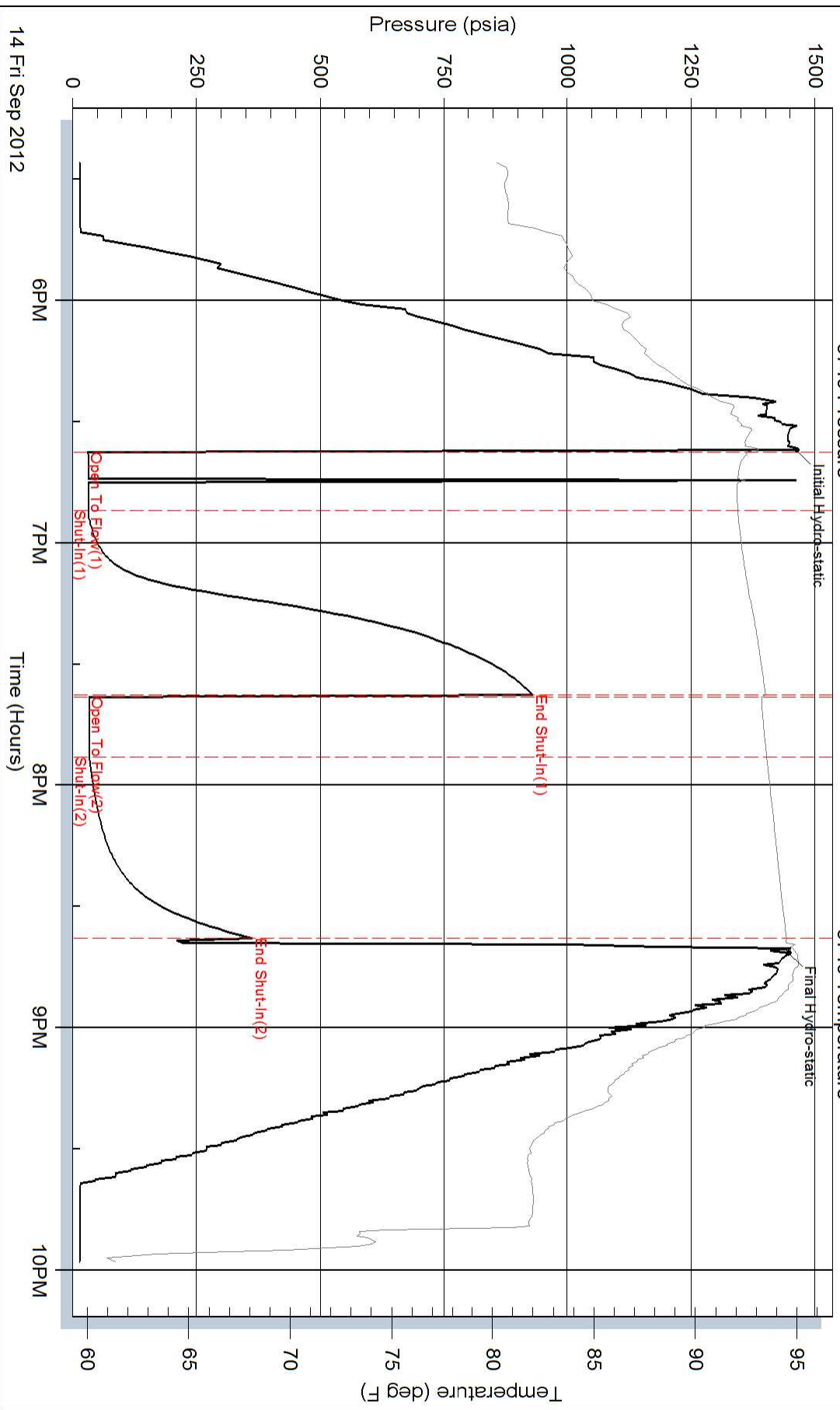
Serial #:

Laboratory Name:

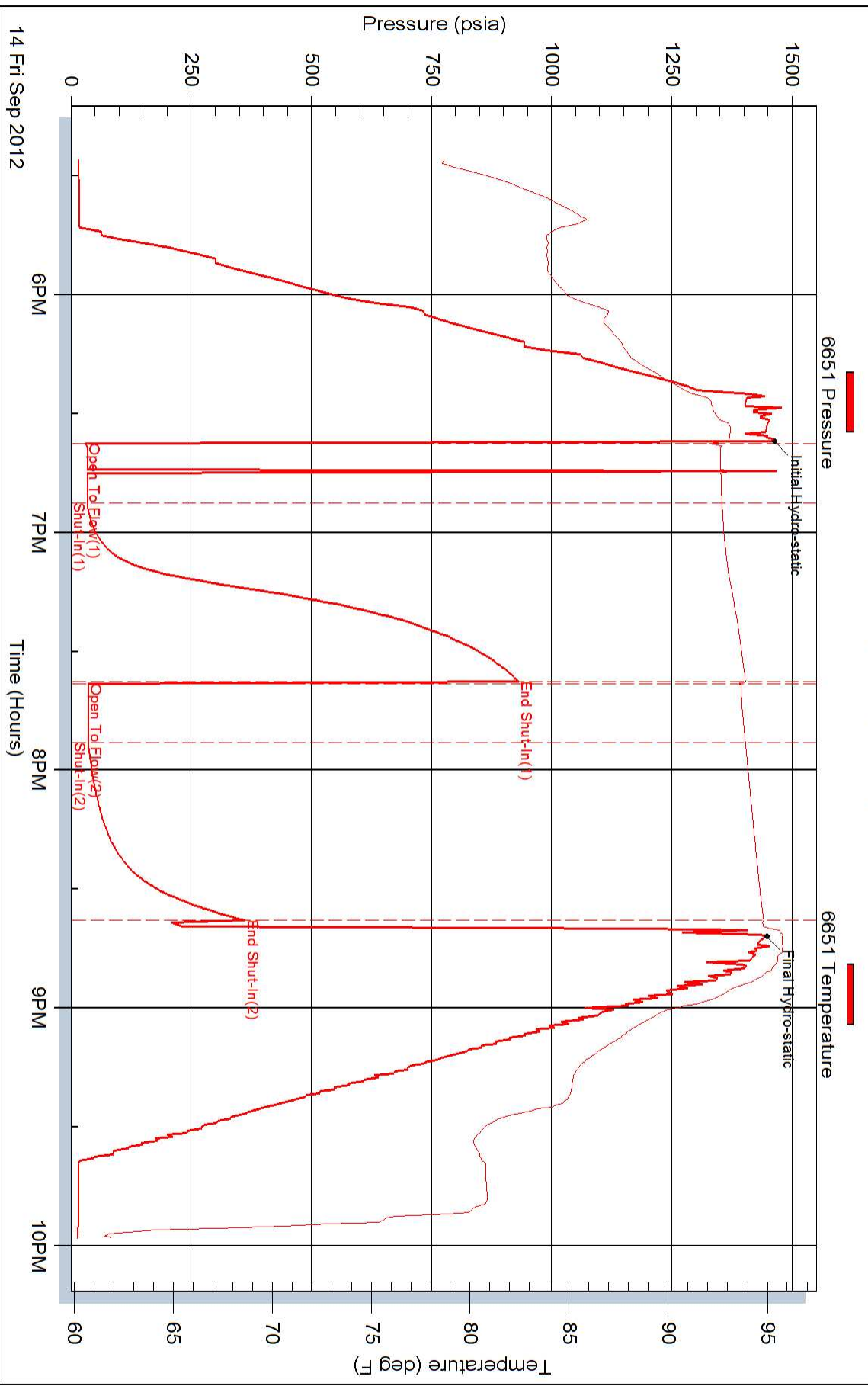
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Incorporated**

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212

ATTN: Kent Roberts

Weigel #1-1

1/12S/14W/Russell

Start Date: 2012.09.15 @ 06:00:00

End Date: 2012.09.15 @ 13:09:00

Job Ticket #: 17832 DST #: 3

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

Printed: 2012.09.15 @ 13:29:47



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17832

DST#: 3

Test Start: 2012.09.15 @ 06:00:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:36:30

Time Test Ended: 13:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2968.00 ft (KB) To 3014.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 3014.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 87.36 psia @ 3010.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.15

End Date:

2012.09.15

Last Calib.:

2012.09.15

Start Time: 06:00:00

End Time:

13:09:00

Time On Btm:

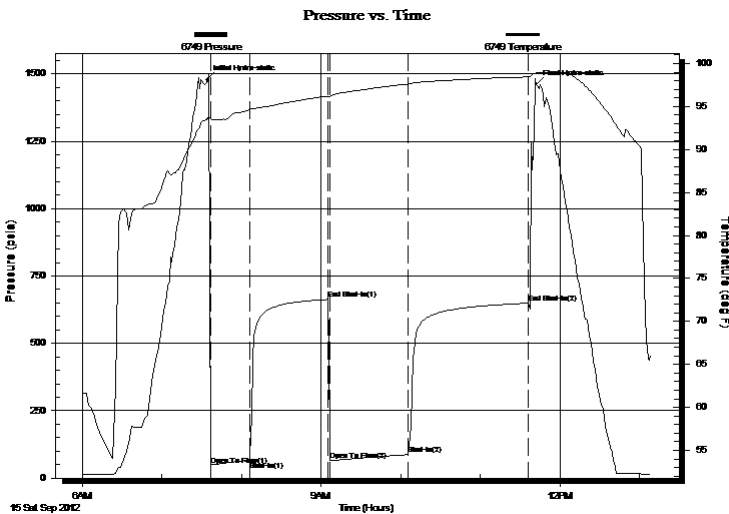
2012.09.15 @ 07:34:00

Time Off Btm:

2012.09.15 @ 11:42:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to 6 inches in bucket of water
1ST Shut In 60 Minutes/No blow back
2ND Open 60 Minutes/Fair blow/Blow built to 6 inches in bucket of water
2ND Shut In 90 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1478.01	93.54	Initial Hydro-static
3	48.54	93.54	Open To Flow (1)
32	63.31	94.66	Shut-In(1)
91	662.93	96.20	End Shut-In(1)
93	65.11	96.18	Open To Flow (2)
152	87.36	97.62	Shut-In(2)
243	649.00	98.44	End Shut-In(2)
249	1460.44	98.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Watery Mud with show of oil	1.26
0.00	Water 40% Mud 60%	0.00
0.00	Recovery Chlorides 18,000 ppm	0.00
0.00	Recov. Resis..22 ohms @ 74 deg.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17832

DST#: 3

Test Start: 2012.09.15 @ 06:00:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:36:30

Time Test Ended: 13:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/74

Interval: 2968.00 ft (KB) To 3014.00 ft (KB) (TVD)

Reference Elevations: 1677.00 ft (KB)

Total Depth: 3014.00 ft (KB) (TVD)

1667.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6651 Outside

Press @ Run Depth: 649.86 psia @ 3011.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.15

End Date: 2012.09.15

Last Calib.: 2012.09.15

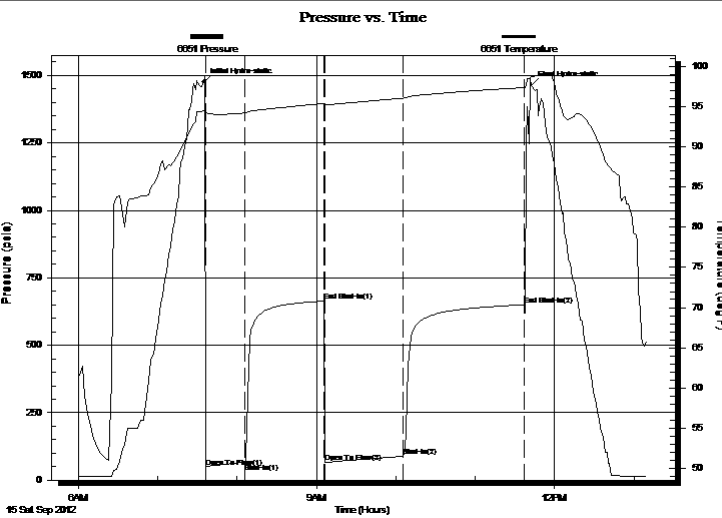
Start Time: 06:00:00

End Time: 13:09:30

Time On Btm: 2012.09.15 @ 07:34:30

Time Off Btm: 2012.09.15 @ 11:42:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to 6 inches in bucket of water
1ST Shut In 60 Minutes/No blow back
2ND Open 60 Minutes/Fair blow/Blow built to 6 inches in bucket of water
2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1473.79	94.48	Initial Hydro-static
2	49.27	94.20	Open To Flow (1)
32	64.37	94.22	Shut-In(1)
92	663.75	95.38	End Shut-In(1)
92	65.59	95.23	Open To Flow (2)
151	88.24	96.05	Shut-In(2)
243	649.86	97.36	End Shut-In(2)
248	1463.81	98.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Watery Mud with show of oil	1.26
0.00	Water 40% Mud 60%	0.00
0.00	Recovery Chlorides 18,000 ppm	0.00
0.00	Recov. Resis..22 ohms @ 74 deg.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17832

DST#: 3

Test Start: 2012.09.15 @ 06:00:00

Tool Information

Drill Pipe:	Length: 2970.00 ft	Diameter: 3.80 inches	Volume: 41.66 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: 41.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	2968.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			2953.00	
Hydraulic Tool	5.00			2958.00	
Packer	5.00			2963.00	20.00 Bottom Of Top Packer
Packer	5.00			2968.00	
Anchor	41.00			3009.00	
Recorder	1.00	6749	Inside	3010.00	
Recorder	1.00	6651	Outside	3011.00	
Bullnose	3.00			3014.00	46.00 Bottom Packers & Anchor

Total Tool Length: 66.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Roberts Resources Incorporated

1/12S/14W/Russell

2020 North Tyler Road
Suite 106
Wichita, Kansas 67212
ATTN: Kent Roberts

Weigel #1-1

Job Ticket: 17832

DST#: 3

Test Start: 2012.09.15 @ 06:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 8500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Watery Mud w ith show of oil	1.262
0.00	Water 40% Mud 60%	0.000
0.00	Recovery Chlorides 18,000 ppm	0.000
0.00	Recov. Resis..22 ohms @ 74 deg.	0.000

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

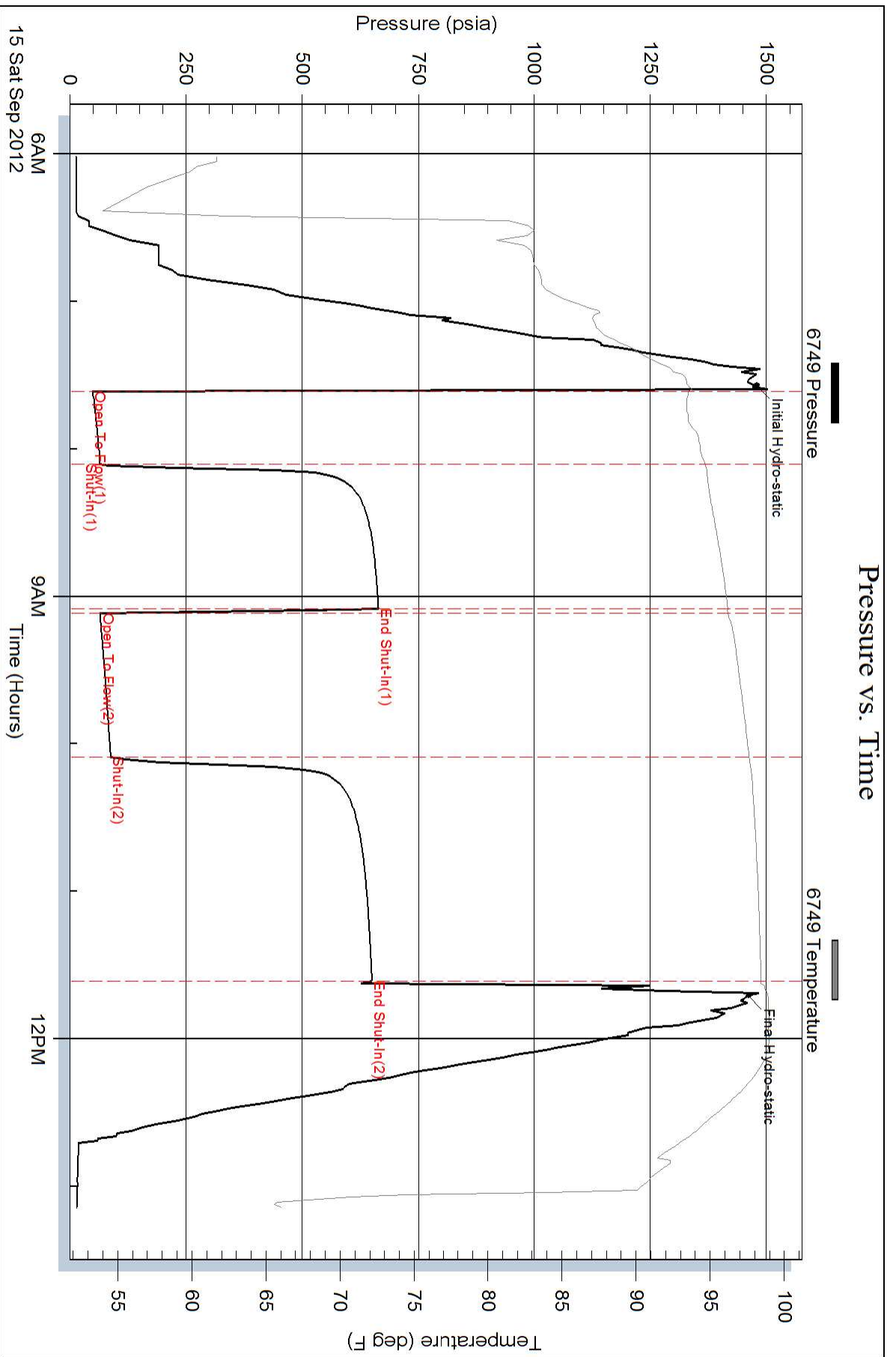
Serial #:

Laboratory Name:

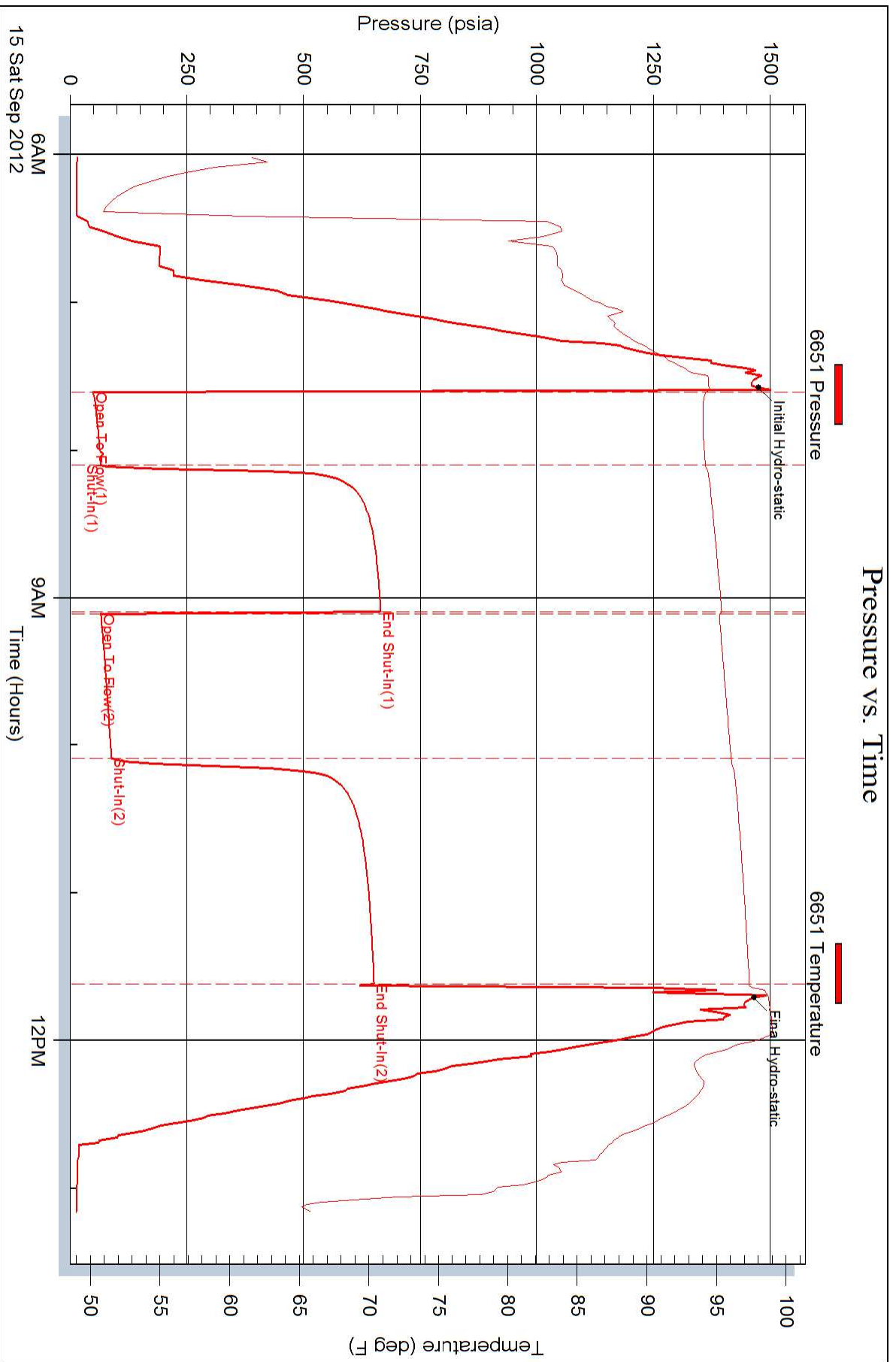
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



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

September 25, 2012

Kent Roberts
Roberts Resources, Inc.
2020 N TYLER RD, STE 106
WICHITA, KS 67212

Re: ACO1
API 15-167-23820-00-00
Weigel 1-1
SE/4 Sec.01-12S-14W
Russell 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,
Kent Roberts