



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1095417

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: 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: <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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Wells, Rodger D. dba Pioneer Resources
Well Name	SCHEMPER-ROMJUE UNIT 1
Doc ID	1095417

All Electric Logs Run

MICRO LOG
DIL
BOREHOLE COMPENSATED SONIC LOG
DUAL COMPENSATED POROSITY LOG

ALLIED OIL & GAS SERVICES, LLC 056178

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>7-31-12</u>	SEC. <u>1</u>	TWP. <u>3s</u>	RANGE <u>21w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Schenck</u>		WELL # <u>mt 1</u>		LOCATION <u>Prairieview 2w 3s mt 1</u>		COUNTY <u>North</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR WW 12

TYPE OF JOB R-Plug

HOLE SIZE <u>7 7/8</u>	T.D. <u>4045</u>
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK # <u>409</u>	CEMENTER <u>tedd</u>
	HELPER <u>tomy</u>
BULK TRUCK # <u>473</u>	DRIVER <u>walter</u>
BULK TRUCK #	DRIVER

REMARKS:

land H/A at 2612 mix 2 1/2 x 3 1/2 ft
19 1/2 bit mud. land H/A at 1224 mix
1 1/2 x Displace 7 1/2 bit mud. land H/A
at 301 mixed 4 1/2 x 2 1/2 ft bit mud
pull to 40 installed water plug mixed
1 1/2 x to surface mix 3 1/2 x in cut H/A

CHARGE TO: Pioneer Resources

STREET _____

CITY _____ STATE _____ ZIP _____

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

PRINTED NAME [Signature]

SIGNATURE [Signature]

OWNER _____

CEMENT AMOUNT ORDERED 205 6 1/4 41.6 gal
4 # flow 1 x

COMMON <u>123</u>	@ <u>16.25</u>	<u>1996.75</u>
POZMIX <u>8.2</u>	@ <u>8.80</u>	<u>697.60</u>
GEL <u>7</u>	@ <u>21.25</u>	<u>148.75</u>
CHLORIDE	@	
ASC	@	
<u>flow seal (2) 50 ft</u>	@ <u>2.70/ft</u>	<u>135.00</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>214</u>	@ <u>2.25</u>	<u>481.50</u>
MILEAGE <u>17.12</u>	@ <u>11</u>	<u>188.32</u>
TOTAL		<u>2744.20</u>

SERVICE

DEPTH OF JOB <u>2612</u>		
PUMP TRUCK CHARGE	<u>1250.00</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>mi 40</u>	@ <u>7.00</u> <u>280.00</u>	
MANIFOLD	@	
<u>mlw 40</u>	@ <u>4.00</u> <u>160.00</u>	
	@	
TOTAL		<u>2130.00</u>

PLUG & FLOAT EQUIPMENT

<u>5 1/2 bit mud plug</u>	@	<u>64.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>64.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES 7,538.20

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 056462

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell Ks.

DATE <u>7-25-12</u>	SEC. <u>1</u>	TWP. <u>33</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30</u>	JOB FINISH <u>12:00</u>	
LEASE <u>SCHEMPER UNIT 1</u>			LOCATION <u>Prairie View Ks.</u>			COUNTY <u>Norton</u>	STATE <u>Kansas</u>	
WELL # <u>1</u>			OLD OR NEW (Circle one) <u>(NEW)</u>				<u>3 W 3/4 S 1/4 W</u>	

CONTRACTOR W-W Rig #12
 TYPE OF JOB Cement Surface
 HOLE SIZE 12 1/4 T.D. 251'
 CASING SIZE 8 5/8 New DEPTH 250'
 TUBING SIZE # CSG. DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 15/BBL

OWNER
 CEMENT
 AMOUNT ORDERED 150'sx Comm.
3% cc
2% gel
 COMMON 150 sx @
 POZMIX @
 GEL 3 sx @
 CHLORIDE 5 sx @
 ASC @
 @
 @
 @
 @
 @
 @
 @
 @
 @
 HANDLING 155 Total sx @ 2.25
 MILEAGE 80 Total Mile @ all

EQUIPMENT

PUMP TRUCK CEMENTER Graham G.
 # HELPER Woody O. Joel GB
 BULK TRUCK
 # 378 DRIVER Walter K.
 BULK TRUCK
 # DRIVER

REMARKS:

Run to New Point of 23' 378
Save 250' received wire,
1 cement / 150 sx com 342
Cement D.D. SURFACE
TO SURFACE

Pioneer Resources

CHARGE TO: Backbone
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE 80 Hvy Mt @ 2.00
 MANIFOLD @ _____
80 Lv Mt @ 4.00
 @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE _____

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.

CLIFF OTTAWAY

P.O. BOX 494 * HAYS, KS 67601 * 785-628-6900

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>PIONEER RESOURCES</u> LEASE <u>SCHEMPER-ROHME Unit #1</u> FIELD _____ LOCATION <u>NE 3E NE 3E</u> SEC <u>1</u> TWSP <u>3s</u> RGE <u>21W</u> COUNTY <u>NORTON</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2307'</u> DF <u>2305'</u> GL <u>2299'</u> Measurements Are All From <u>K.B.</u>
CONTRACTOR <u>W.W. Dalg. Inc #12</u> SPUD <u>7-25-12</u> COMP _____ RTD _____ LTD _____ MUD UP <u>3100'</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>8 7/8 @ 250 w/ps</u> PRODUCTION <u>DVA</u> ELECTRICAL SURVEYS <u>CNL/CDL MEL/OIL</u> <u>MEL/BHAS</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
ANHYDRITE	1995	1995	+312	+299		
TOPEKA	3337	3334	-1027	-1038		
HEEBNER	3542	3538	-1231	-1235		
TORONTO	3565	3563	-1256	-1261		
LANSING-KC.	3585	3582	-1275	-1277		
BASE-KC.	3786	3780	-1473	-1485		
WARMANON	3817	3814	-1507	-1519		
ARBUCKLE	3914	3911	-1604	-1611		
P.T.D.	4048		-1741	-1679		
L.T.D.		4046	-1739	-1674		

REFERENCE WELLS FOR STRUCTURE

A NOR-WEST K₂ OIL DEWITT No1 NE NE NE 31-2-20
 B _____
 C _____



DRILL STEM TEST REPORT

Prepared For: **Pioneer Resources**

80 Windmill Dr
Phillipsburg KS 67661

ATTN: Cliff Ottaway

Schemper-Romjue # 1

1-3s-21w Norton,KS

Start Date: 2012.07.28 @ 18:15:00

End Date: 2012.07.29 @ 01:28:00

Job Ticket #: 46136 DST #: 1

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

Printed: 2012.08.02 @ 14:03:45



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Dr
 Phillipsburg KS 67661
 ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
 Job Ticket: 46136 **DST#: 1**
 Test Start: 2012.07.28 @ 18:15:00

GENERAL INFORMATION:

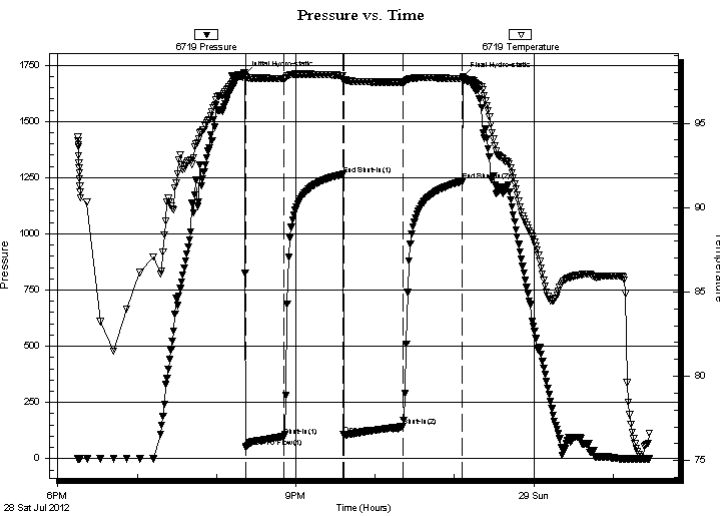
Formation: **Toronto**
 Deviated: No Whipstock: 2306.00 ft (KB)
 Time Tool Opened: 20:22:00
 Time Test Ended: 01:28:00
 Interval: **3540.00 ft (KB) To 3580.00 ft (KB) (TVD)**
 Total Depth: 3580.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 57
 Reference Elevations: 2306.00 ft (KB)
 2299.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 143.08 psig @ 3545.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.28 End Date: 2012.07.29 Last Calib.: 2012.07.29
 Start Time: 18:15:05 End Time: 01:27:59 Time On Btm: 2012.07.28 @ 20:21:00
 Time Off Btm: 2012.07.28 @ 23:06:30

TEST COMMENT: 30-IFP- BOB in 25 1/2 min
 45-ISIP- Surface Blow in 4 min Died in 19 min
 45-FFP- Surface Blow Building to 9 1/2"
 45-FSIP- Surface Blow in 3 min Died in 11 min



PRESSURE SUMMARY

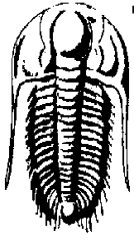
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.84	98.01	Initial Hydro-static
1	50.87	97.75	Open To Flow (1)
30	99.40	97.65	Shut-In(1)
75	1264.92	97.83	End Shut-In(1)
75	106.97	97.51	Open To Flow (2)
120	143.08	97.43	Shut-In(2)
165	1233.93	97.63	End Shut-In(2)
166	1697.99	97.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW 15% m 85% w	0.61
62.00	MCW 30% m 70% w	0.87
62.00	VSO&WCM 2% o 38% w 60% m	0.87
10.00	MCO 10m 90% o	0.14

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Dr
 Phillipsburg KS 67661
 ATTN: Cliff Ottaway

1-3s-21w Norton, KS
Schemper-Romjue # 1
 Job Ticket: 46136 **DST#: 1**
 Test Start: 2012.07.28 @ 18:15:00

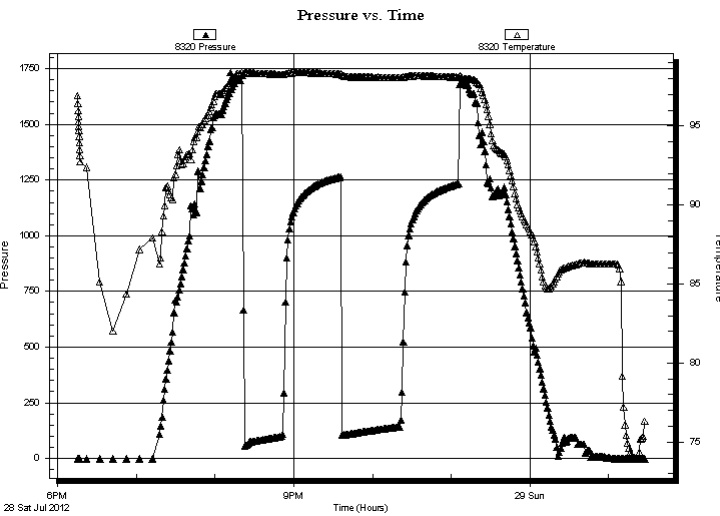
GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: 2306.00 ft (KB)
 Time Tool Opened: 20:22:00
 Time Test Ended: 01:28:00
 Interval: **3540.00 ft (KB) To 3580.00 ft (KB) (TVD)**
 Total Depth: 3580.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 57
 Reference Elevations: 2306.00 ft (KB)
 2299.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8320 Outside

Press @ Run Depth: psig @ 3545.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.28 End Date: 2012.07.29 Last Calib.: 2012.07.29
 Start Time: 18:15:05 End Time: 01:27:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 25 1/2 min
 45-ISIP- Surface Blow in 4 min Died in 19 min
 45-FFP- Surface Blow Building to 9 1/2"
 45-FSIP- Surface Blow in 3 min Died in 11 min



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW 15% <i>m</i> 85% <i>w</i>	0.61
62.00	MCW 30% <i>m</i> 70% <i>w</i>	0.87
62.00	VSO&WCM 2% <i>o</i> 38% <i>w</i> 60% <i>m</i>	0.87
10.00	MCO 10 <i>m</i> 90% <i>o</i>	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pioneer Resources
80 Windmill Dr
Phillipsburg KS 67661
ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
Job Ticket: 46136 **DST#: 1**
Test Start: 2012.07.28 @ 18:15:00

Tool Information

Drill Pipe:	Length: 3415.00 ft	Diameter: 3.80 inches	Volume: 47.90 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3540.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3525.00	
Hydraulic tool	5.00			3530.00	
Packer	5.00			3535.00	20.00 Bottom Of Top Packer
Packer	5.00			3540.00	
Stubb	1.00			3541.00	
Perforations	3.00			3544.00	
Change Over Sub	1.00			3545.00	
Recorder	0.00	6719	Inside	3545.00	
Recorder	0.00	8320	Outside	3545.00	
Blank Spacing	31.00			3576.00	
Change Over Sub	1.00			3577.00	
Bullnose	3.00			3580.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources
80 Windmill Dr
Phillipsburg KS 67661
ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
Job Ticket: 46136 **DST#: 1**
Test Start: 2012.07.28 @ 18:15:00

Mud and Cushion Information

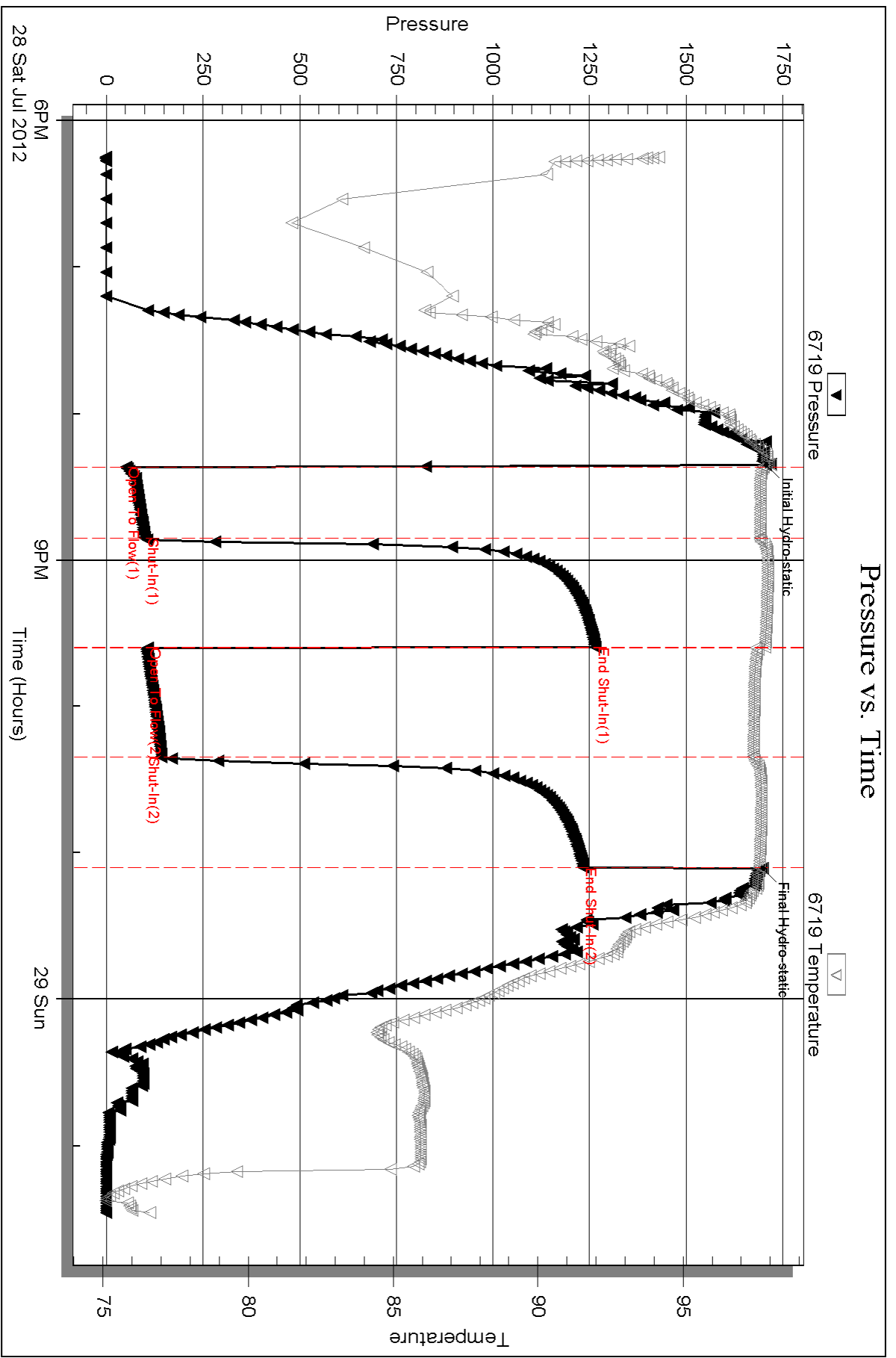
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	85000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCW 15%m 85%w	0.610
62.00	MCW 30%m 70%w	0.870
62.00	VSO&WCM 2%o 38%w 60%m	0.870
10.00	MCO 10m 90%o	0.140

Total Length: 258.00 ft Total Volume: 2.490 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .085 @ 76

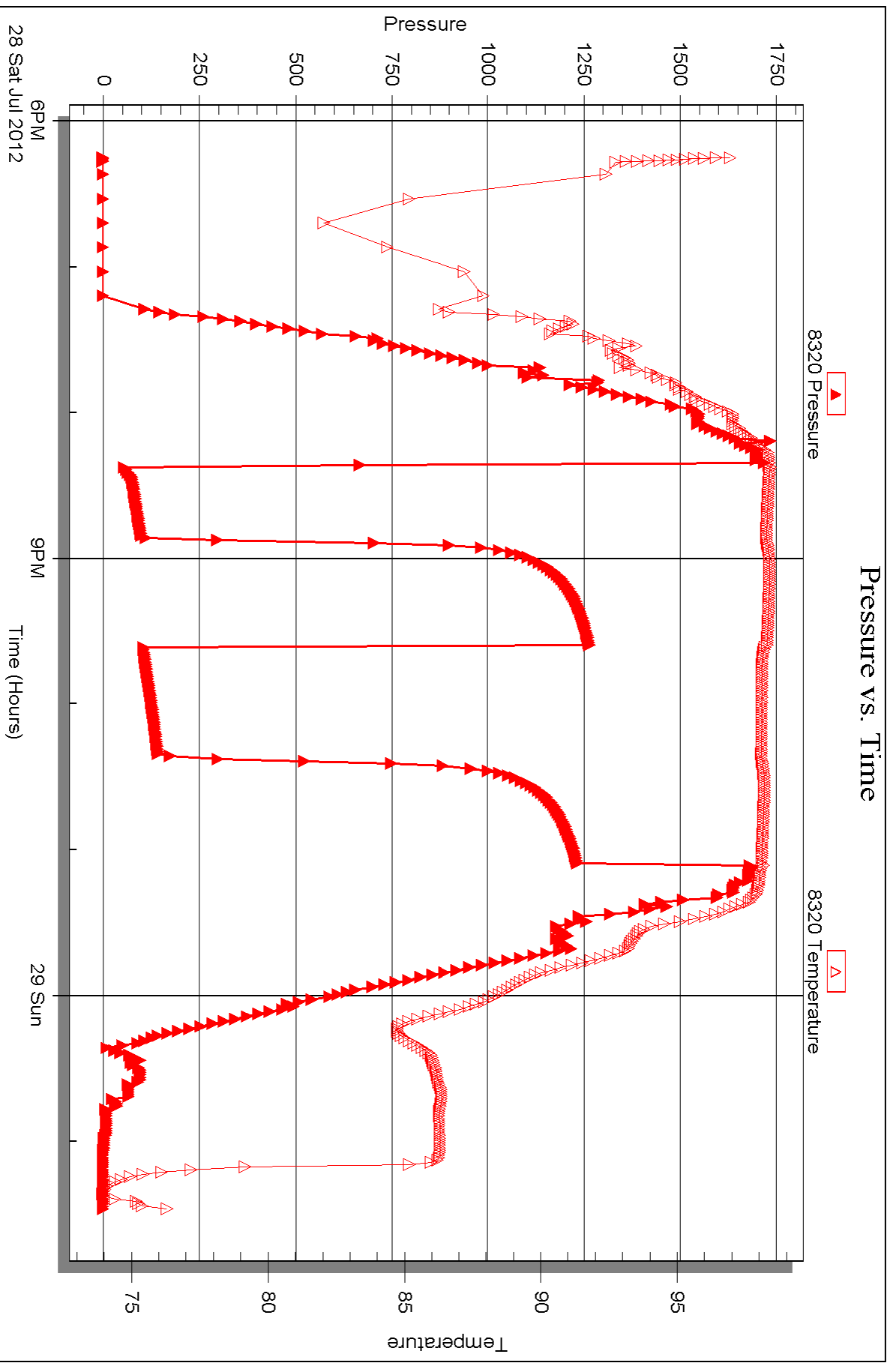


Serial #: 8320

Outside Pioneer Resources

Schemper-Rontjue # 1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pioneer Resources**

80 Windmill Dr
Phillipsburg KS 67661

ATTN: Cliff Ottaway

Schemper-Romjue # 1

1-3s-21w Norton,KS

Start Date: 2012.07.29 @ 12:01:00

End Date: 2012.07.29 @ 18:28:30

Job Ticket #: 46137 DST #: 2

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

Printed: 2012.08.02 @ 14:02:58



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pioneer Resources
80 Windmill Dr
Phillipsburg KS 67661
ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
Job Ticket: 46137 **DST#: 2**
Test Start: 2012.07.29 @ 12:01:00

GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: 2306.00 ft (KB)
Time Tool Opened: 13:32:00
Time Test Ended: 18:28:30
Interval: **3644.00 ft (KB) To 3674.00 ft (KB) (TVD)**
Total Depth: 3674.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57
Reference Elevations: 2306.00 ft (KB)
2299.00 ft (CF)
KB to GR/CF: 7.00 ft

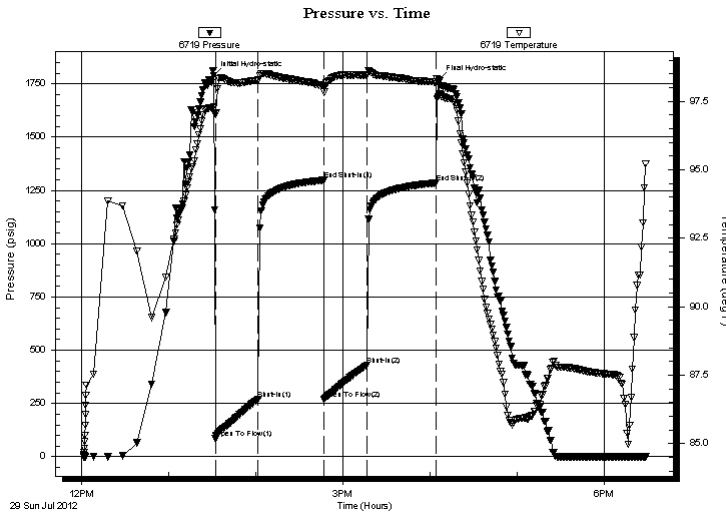
Serial #: 6719

Inside

Press @ Run Depth: 431.28 psig @ 3645.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.29 End Date: 2012.07.29 Last Calib.: 2012.07.29
Start Time: 12:01:05 End Time: 18:28:29 Time On Btm: 2012.07.29 @ 13:31:00
Time Off Btm: 2012.07.29 @ 16:06:00

TEST COMMENT: 30 - IF: 5" surge blow at open, built to BOB (11") at 4 1/2 min.
45 - IS: Bled off, weak surface blow back for a few min., then dead
30 - FF: Blow built to BOB at 7 min.
45 - FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.68	97.31	Initial Hydro-static
1	84.59	97.02	Open To Flow (1)
31	270.41	98.27	Shut-In(1)
76	1297.86	98.07	End Shut-In(1)
76	271.16	97.84	Open To Flow (2)
106	431.28	98.44	Shut-In(2)
153	1284.95	98.19	End Shut-In(2)
155	1769.99	97.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MCW 86%w, 14%m	7.57
275.00	MCW 62%w, 38%m	3.86
0.00	Trace of Oil in tool	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Dr
 Phillipsburg KS 67661
 ATTN: Cliff Ottaway

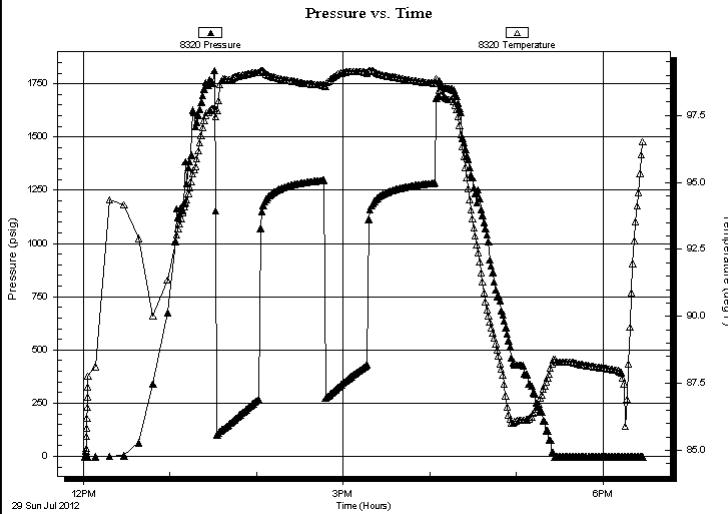
1-3s-21w Norton, KS
Schemper-Romjue # 1
 Job Ticket: 46137 **DST#: 2**
 Test Start: 2012.07.29 @ 12:01:00

GENERAL INFORMATION:

Formation:	LKC "E-F"	Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No Whipstock: 2306.00 ft (KB)	Tester:	James Winder
Time Tool Opened:	13:32:00	Unit No:	57
Time Test Ended:	18:28:30	Reference Elevations:	2306.00 ft (KB) 2299.00 ft (CF)
Interval:	3644.00 ft (KB) To 3674.00 ft (KB) (TVD)	KB to GR/CF:	7.00 ft
Total Depth:	3674.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches Hole Condition: Fair		

Serial #: 8320	Outside	Capacity:	8000.00 psig
Press @ Run Depth:	psig @ 3645.00 ft (KB)	Last Calib.:	2012.07.29
Start Date:	2012.07.29	End Date:	2012.07.29
Start Time:	12:01:05	End Time:	18:27:59
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: 30 - IF: 5" surge blow at open, built to BOB (11") at 4 1/2 min.
 45 - IS: Bled off, weak surface blow back for a few min., then dead
 30 - FF: Blow built to BOB at 7 min.
 45 - FS: Bled off, No blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
620.00	MCW 86%w , 14%m	7.57
275.00	MCW 62%w , 38%m	3.86
0.00	Trace of Oil in tool	0.00

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pioneer Resources
80 Windmill Dr
Phillipsburg KS 67661
ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
Job Ticket: 46137 **DST#: 2**
Test Start: 2012.07.29 @ 12:01:00

Tool Information

Drill Pipe:	Length: 3511.00 ft	Diameter: 3.80 inches	Volume: 49.25 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	46000.00 lb
			<u>Total Volume: 49.86 bbl</u>	Tool Chased	10.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3644.00 ft			Final	39000.00 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 chased 10' to bottom at open - lost 10' - 15' of mud - 5" surge blow at open

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

Shut In Tool	5.00			3629.00	
Hydraulic tool	5.00			3634.00	
Packer	5.00			3639.00	20.00 Bottom Of Top Packer
Packer	5.00			3644.00	
Stubb	1.00			3645.00	
Recorder	0.00	6719	Inside	3645.00	
Recorder	0.00	8320	Outside	3645.00	
Perforations	26.00			3671.00	
Bullnose	3.00			3674.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources
80 Windmill Dr
Phillipsburg KS 67661
ATTN: Cliff Ottaway

1-3s-21w Norton,KS
Schemper-Romjue # 1
Job Ticket: 46137 **DST#: 2**
Test Start: 2012.07.29 @ 12:01:00

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:	70000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

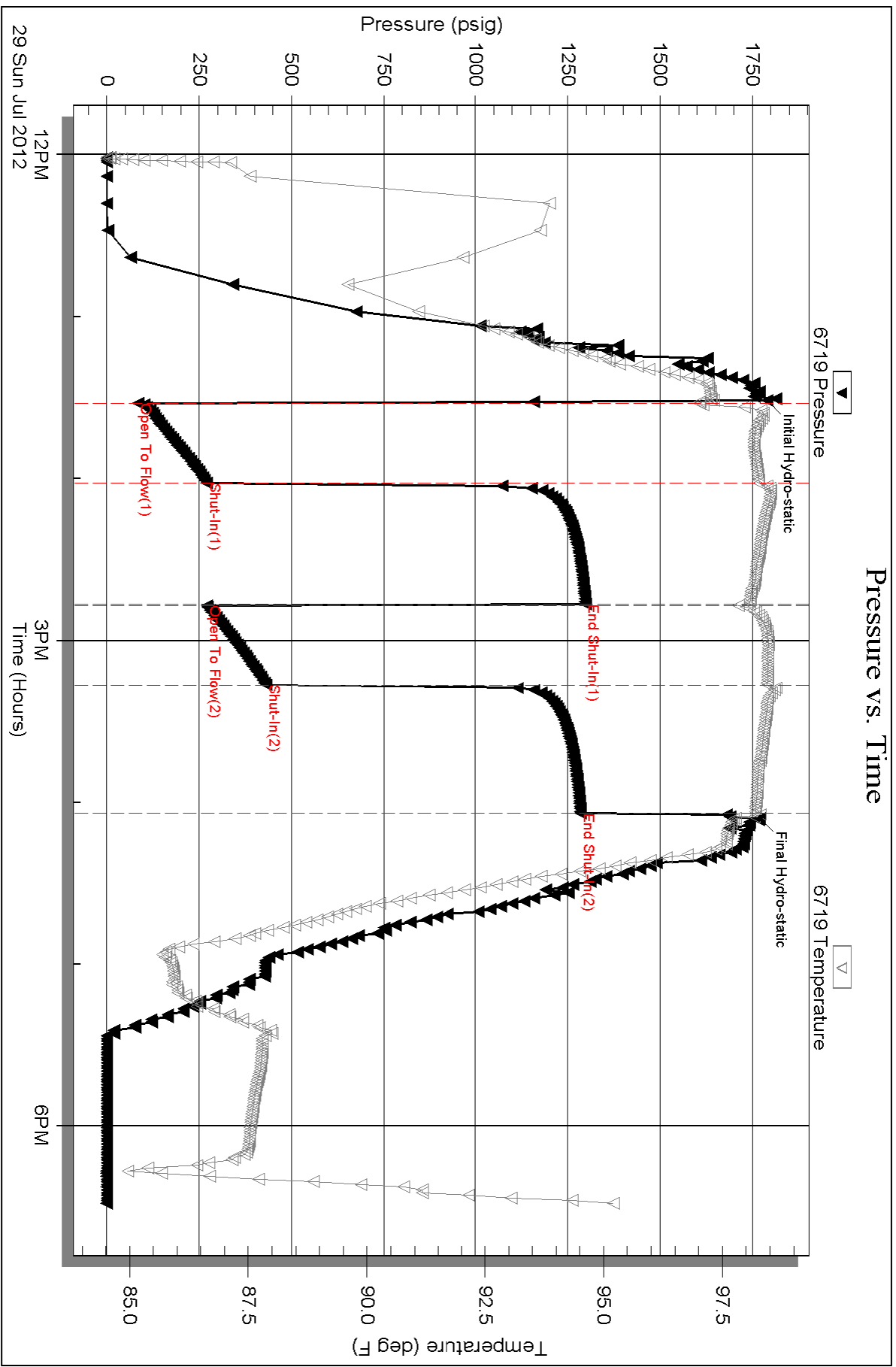
Length ft	Description	Volume bbl
620.00	MCW 86%w , 14%m	7.567
275.00	MCW 62%w , 38%m	3.858
0.00	Trace of Oil in tool	0.000

Total Length: 895.00 ft Total Volume: 11.425 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .075 ohms @ 100.2 deg F
Chlorides = 70,000 ppm

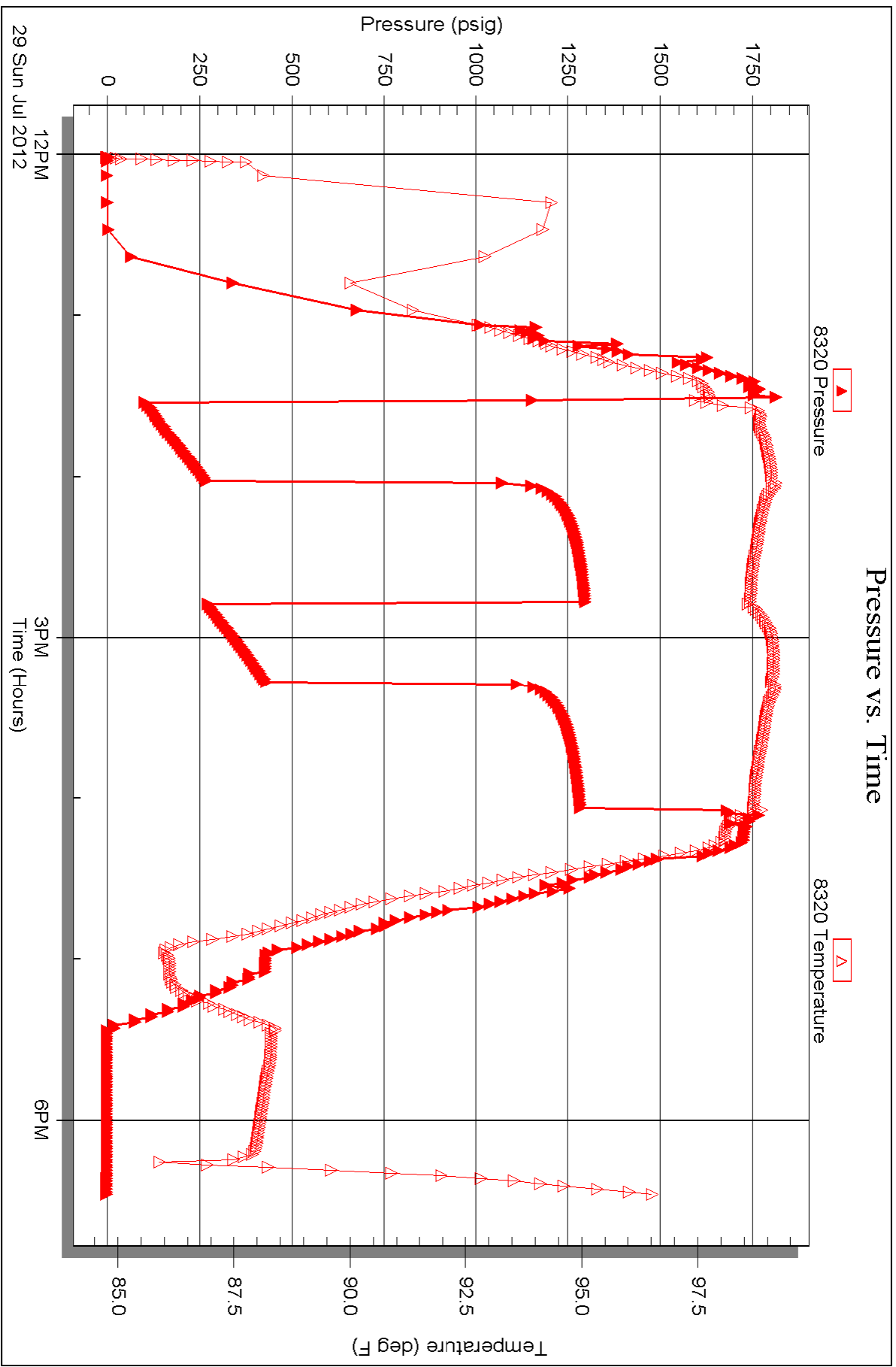


Serial #: 8320

Outside Pioneer Resources

Schemper-Rontjue # 1

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46136

Well Name & No. Schemper-Romjue # 1 Test No. 1 Date 7-28-12
 Company Pioneer Resources Elevation 2306 KB 2299 GL
 Address 80 Windmill Dr. Phillipsburg Ks, 67661
 Co. Rep / Geo. CLIFF Rig W-W #12
 Location: Sec. 1 Twp. 3^s Rge. 21^w Co. Norton State Ks

Interval Tested 3540-3580 Zone Tested Toronto
 Anchor Length 40 Drill Pipe Run 3415 Mud Wt. 8.9
 Top Packer Depth 3535 Drill Collars Run 124 Vis 46
 Bottom Packer Depth 3540 Wt. Pipe Run 0 WL 6.0
 Total Depth 3580 Chlorides 900 ppm System LCM 2

Blow Description IFP - BOB in 25 1/2 min.
ISIP - Surface Blow in 4 min Died in 19 min
FFP - Surface Blow Building to 9 1/2 in.
FSIP - Surface Blow in 3 min Died in 11 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>mcw</u>		<u>85</u>	<u>15</u>	
<u>62</u>	<u>mcw</u>		<u>70</u>	<u>30</u>	
<u>62</u>	<u>VSO + wcm</u>	<u>2</u>	<u>38</u>	<u>60</u>	
<u>10</u>	<u>mco</u>	<u>90</u>		<u>10</u>	
<u>258</u>					

Rec Total 258 BHT 97 Gravity API RW 0.85 @ 76 °F Chlorides 85000 ppm
 (A) Initial Hydrostatic 1705 Test 1150 T-On Location 15:05
 (B) First Initial Flow 50 Jars T-Started 18:15
 (C) First Final Flow 99 Safety Joint T-Open 20:21
 (D) Initial Shut-In 1264 Circ Sub T-Pulled 23:06
 (E) Second Initial Flow 106 Hourly Standby T-Out 01:28
 (F) Second Final Flow 143 Mileage 98 RT 151.90 Comments
 (G) Final Shut-In 12.33 Sampler
 (H) Final Hydrostatic 1697 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 0
 Total 1301.90
 MP/DST Disc't
 Sub Total 1301.90

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46137

4/10

Well Name & No. Schenper-Romjue #1 Test No. 2 Date 7-29-12
 Company Pioneer Resources Elevation 2306 KB 2299 GL
 Address 80 Windmill Dr Phillipsburg KS 67661
 Co. Rep / Geo. Cliff Ottaway Rig WW #12
 Location: Sec. 1 Twp. 3^s Rge. 21^w Co. Norton State KS

Interval Tested 3644-3674 Zone Tested LKC "E-F"
 Anchor Length 30 Drill Pipe Run 3511 Mud Wt. 9.1
 Top Packer Depth 3639 Drill Collars Run 123 Vis 47
 Bottom Packer Depth 3644 Wt. Pipe Run - WL 6.8
 Total Depth 3674 Chlorides 1300 ppm System LCM 1

Blow Description IF: 5" surge Blow at open, Built to BOB (11") at 4 1/2 min.
ISI: Bled off, weak surface blowback for a few min., then dead
FF: Blow built to BOB at 7 min.
FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>275</u>	<u>mcw</u>	-	-	<u>62</u>	<u>38</u>
<u>620</u>	<u>mcw</u>	-	-	<u>86</u>	<u>14</u>
	<u>Trace of oil in Tool</u>				

Rec Total 895 BHT 98 Gravity - API RW .075 @ 100.2F Chlorides 70,000 ppm

(A) Initial Hydrostatic 1791 Test 1150 T-On Location 11:40
 (B) First Initial Flow 85 Jars T-Started 12:01
 (C) First Final Flow 270 Safety Joint T-Open 13:32
 (D) Initial Shut-In 1298 Circ Sub *NA T-Pulled 16:04
 (E) Second Initial Flow 271 Hourly Standby T-Out 18:25
 (F) Second Final Flow 431 Mileage 98 RTx2 303.80 Comments Tool chased 10' to
 (G) Final Shut-In 1285 Sampler bottom at open - lost 10'-15'
 (H) Final Hydrostatic 1770 Straddle of mud - 5" surge blow at
 Shale Packer Hotel open
 Ruined Shale Packer
 Ruined Packer

Initial Open 30 Extra Packer
 Initial Shut-In 45 Extra Recorder
 Final Flow 30 Day Standby *loaded Tools 7-30-12 Sub Total 800
 Final Shut-In 45 Accessibility 22:00 Total 2253.80
 Sub Total 1453.80 MP/DST Disc't

Approved By _____ Our Representative Jarvis Winters

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.