



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1080924
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: _____

1080924

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Deanna E 1-28
Doc ID	1080924

All Electric Logs Run

MICRORESISTIVITY
DUAL COMPENSATED POROSITY
SECTOR BOND
COMPUTER PROCESS INTERPRETATION
DUAL INDUCTION

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Deanna E 1-28
Doc ID	1080924

Tops

Name	Top	Datum
ANHYDRITE	2399	+651
B/ANHYDRITE	2420	+630
HEEBNER	3894	-844
TORONTO	3912	-862
LANSING	3940	-890
MUNCIE CREEK	4123	-1073
STARK	4220	-1170
B/KC	4320	-1270
PAWNEE	4430	-1380
CHEROKEE	4513	-1463
JOHNSON ZONE	4571	-1521
MORROW	4630	-1580



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 PO Box 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deama 'E' #1-28

Job Ticket: 45604

DST#: 1

Test Start: 2012.02.17 @ 10:56:00

GENERAL INFORMATION:

Formation: **LKC "I,J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 13:34:45
 Tester: Kevin Mack
 Time Test Ended: 19:41:15
 Unit No: 43
 Interval: **4142.00 ft (KB) To 4205.00 ft (KB) (TVD)**
 Reference Elevations: 3050.00 ft (KB)
 Total Depth: 4205.00 ft (KB) (TVD)
 3040.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

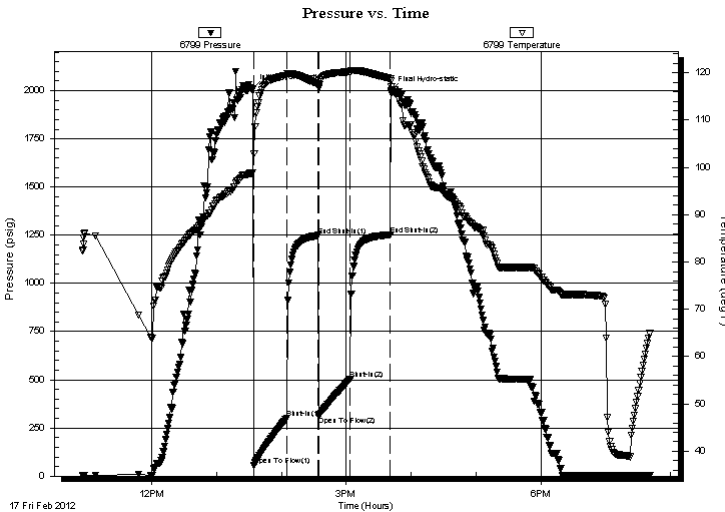
Serial #: 6799

Inside

Press @ Run Depth: 503.00 psig @ 4143.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.17 End Date: 2012.02.17 Last Calib.: 2012.02.17
 Start Time: 10:56:05 End Time: 19:41:15 Time On Btm: 2012.02.17 @ 13:33:45
 Time Off Btm: 2012.02.17 @ 15:41:15

TEST COMMENT: IF- BoB in 5 min.
 IS- No Return
 FF- BoB in 5 min.
 FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.60	98.82	Initial Hydro-static
1	54.23	102.87	Open To Flow (1)
31	299.00	119.47	Shut-In(1)
60	1248.28	117.65	End Shut-In(1)
61	311.53	116.73	Open To Flow (2)
90	503.00	120.22	Shut-In(2)
127	1251.73	118.80	End Shut-In(2)
128	2000.87	118.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (Heavy) 100M	0.02
863.00	MW 95W 5M	11.33
216.00	MW 80W 20M	3.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deama 'E' #1-28

Job Ticket: 45604

DST#: 1

ATTN: Kitt Noah

Test Start: 2012.02.17 @ 10:56:00

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:	24000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (Heavy) 100M	0.025
863.00	MW 95W 5M	11.331
216.00	MW 80W 20M	3.030

Total Length: 1084.00 ft Total Volume: 14.386 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

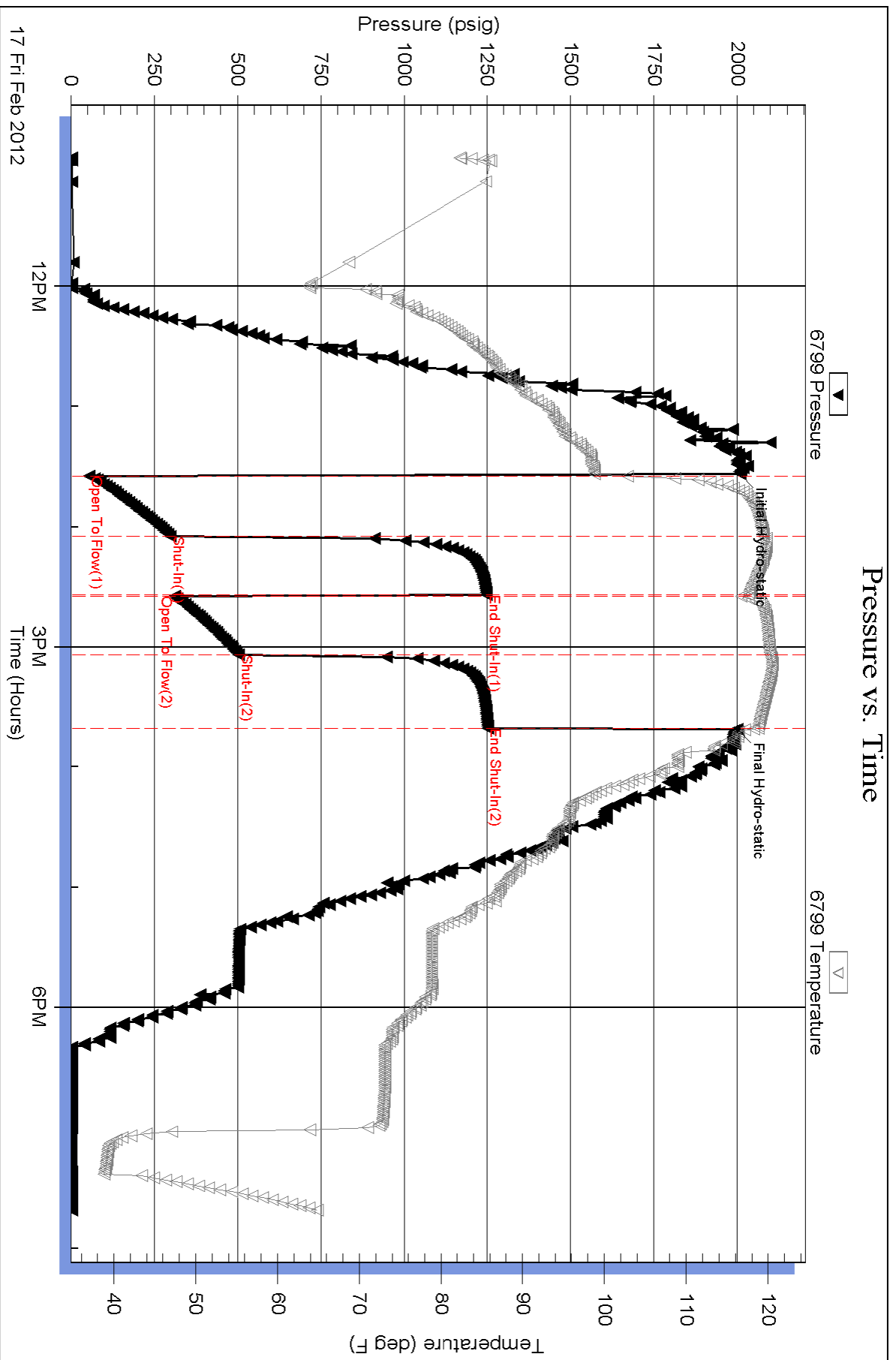
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .37 @ 65 deg. = 24000 ppm

Pressure vs. Time



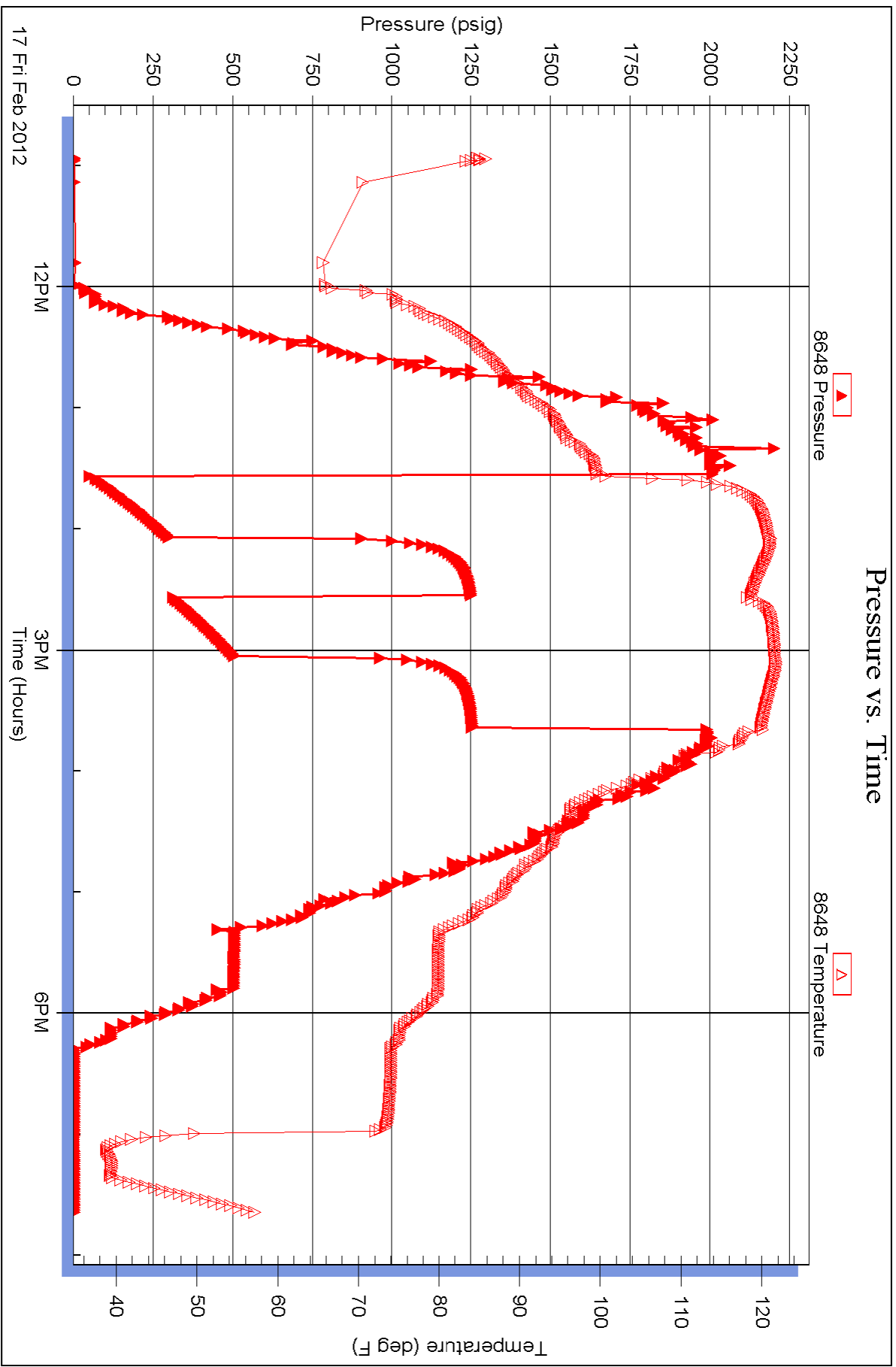
Serial #: 8648

Inside

Russell Oil, Inc.

Deama 'E #1-28

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 PO Box 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: 45398

DST#: 2

Test Start: 2012.02.18 @ 13:12:00

GENERAL INFORMATION:

Formation: **Altamont-A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 15:08:40
 Tester: Chuck Smith
 Time Test Ended: 20:44:09
 Unit No: 37
 Interval: **4296.00 ft (KB) To 4350.00 ft (KB) (TVD)**
 Reference Elevations: 3052.00 ft (KB)
 Total Depth: 4350.00 ft (KB) (TVD)
 3042.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

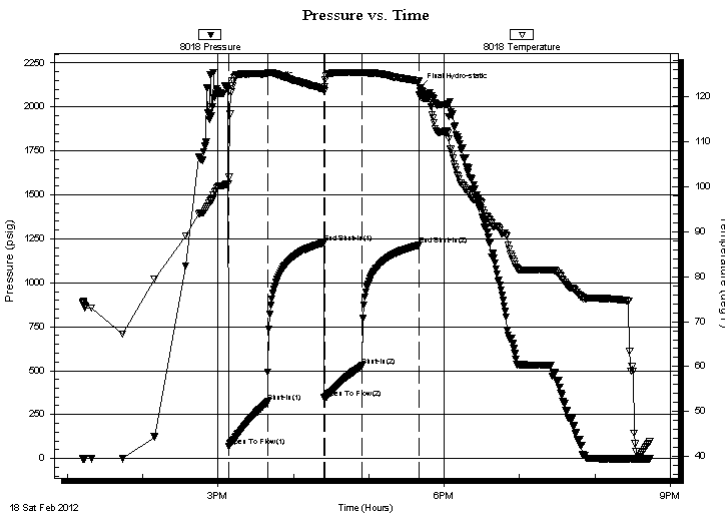
Serial #: 8018

Inside

Press @ Run Depth: 527.93 psig @ 4297.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.18 End Date: 2012.02.18 Last Calib.: 2012.02.18
 Start Time: 13:12:02 End Time: 20:44:10 Time On Btm: 2012.02.18 @ 15:05:20
 Time Off Btm: 2012.02.18 @ 17:41:00

TEST COMMENT: B.O.B. @ 4 min
 No return
 B.O.B. @ 5 1/2 min
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.03	100.50	Initial Hydro-static
4	69.34	102.12	Open To Flow (1)
34	322.61	125.25	Shut-In(1)
79	1227.32	121.70	End Shut-In(1)
80	343.44	122.32	Open To Flow (2)
110	527.93	125.38	Shut-In(2)
155	1213.70	123.55	End Shut-In(2)
156	2112.39	120.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW.:147 @ 62 Degrees F = 62000 PPM	0.00
60.00	MW 10m 90 Oil spots in tool.	0.30
794.00	W 100w	10.86
275.00	MCW 40m 60w	3.86

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: 45398

DST#: 2

ATTN: Kitt Noah

Test Start: 2012.02.18 @ 13:12:00

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:

62000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: .147 @ 62 Degrees F = 62000 PPM	0.000
60.00	MW 10m 90 Oil spots in tool.	0.295
794.00	W 100w	10.864
275.00	MCW 40m 60w	3.858

Total Length: 1129.00 ft

Total Volume: 15.017 bbl

Num Fluid Samples: 0

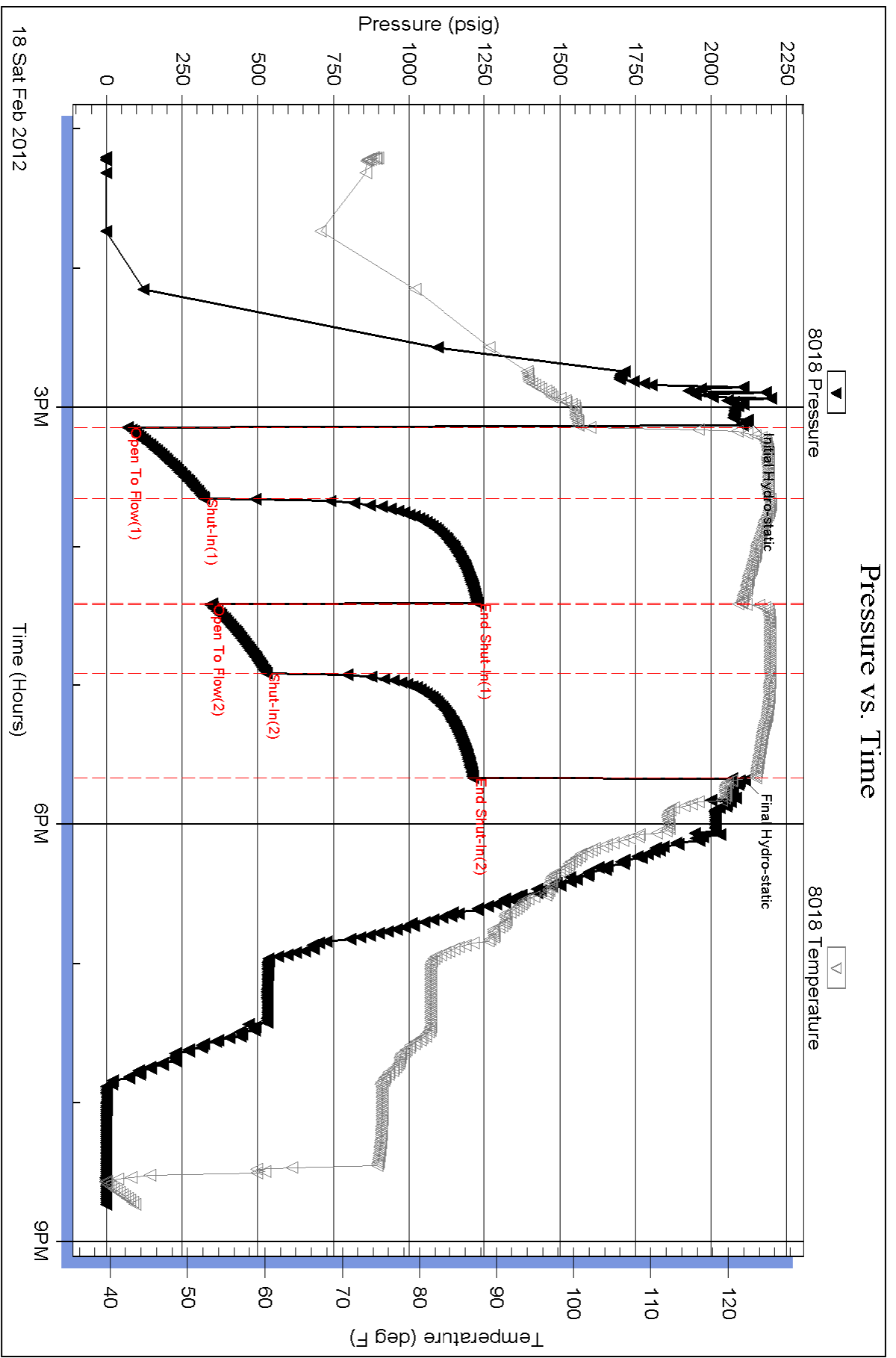
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

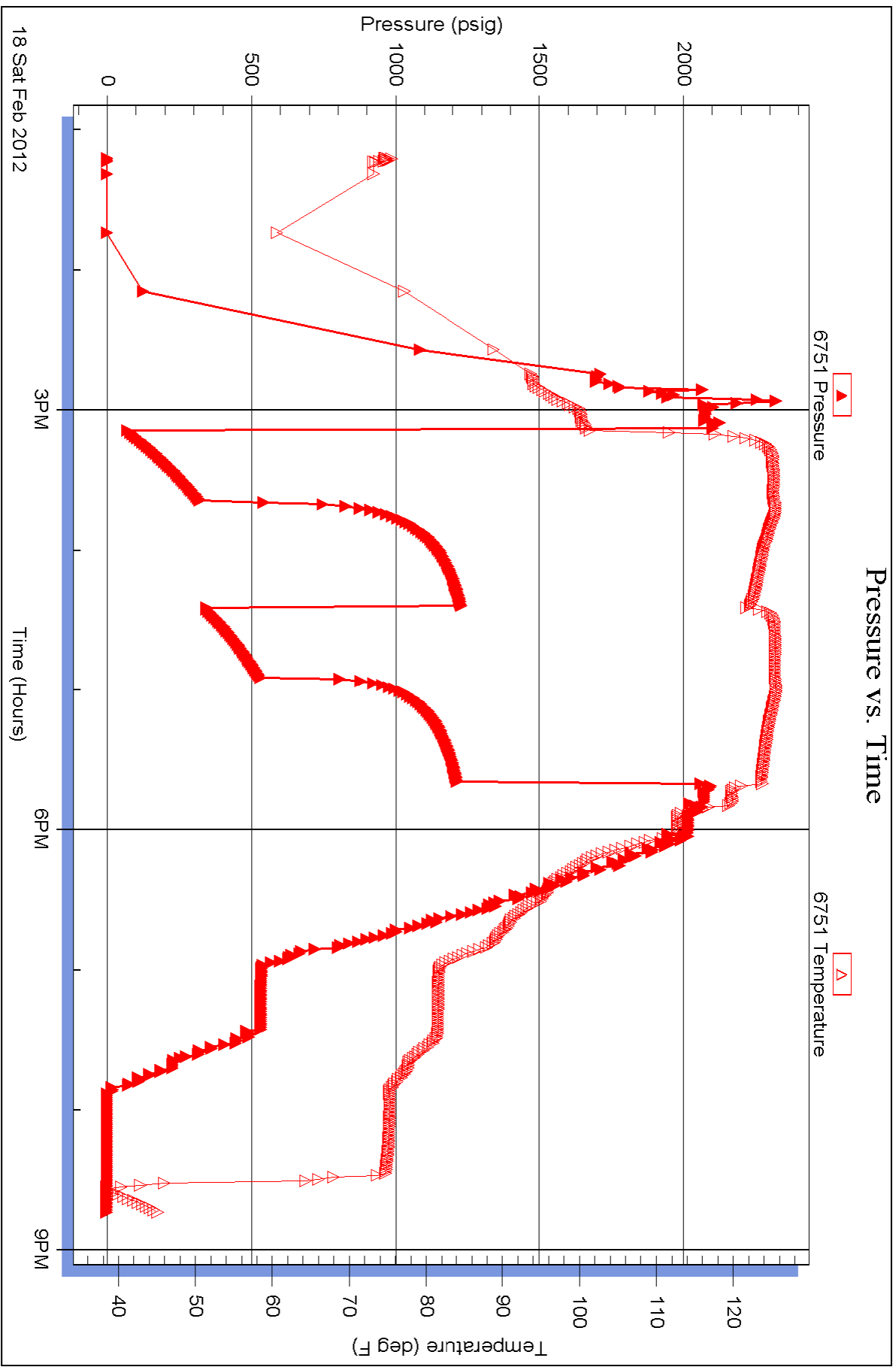


Serial #: 6751

Outside Russell Oil, Inc.

Deanna 'E #1-28

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 PO Box 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: **DST#: 3**

Test Start: 2012.02.19 @ 05:19:00

GENERAL INFORMATION:

Formation: **Altamont-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:41:30
 Time Test Ended: 11:36:20
 Interval: **4347.00 ft (KB) To 4362.00 ft (KB) (TVD)**
 Total Depth: 4362.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 3052.00 ft (KB)
 3042.00 ft (CF)
 KB to GR/CF: 10.00 ft

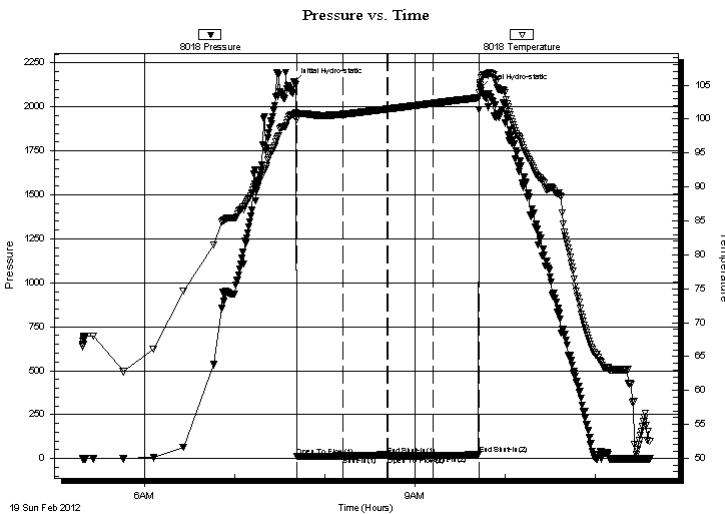
Serial #: 8018

Inside

Press @ Run Depth: 16.49 psig @ 4348.00 ft (KB)
 Start Date: 2012.02.19 End Date: 2012.02.19
 Start Time: 05:19:02 End Time: 11:36:20
 Capacity: 8000.00 psig
 Last Calib.: 2012.02.19
 Time On Btm: 2012.02.19 @ 07:39:40
 Time Off Btm: 2012.02.19 @ 09:43:20

TEST COMMENT: 1/2 Inch blow died @ 10 min
 No return
 Surface blow w
 Weak surface blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.92	100.62	Initial Hydro-static
2	12.63	99.87	Open To Flow (1)
33	14.89	100.70	Shut-In(1)
62	21.51	101.49	End Shut-In(1)
63	14.95	101.49	Open To Flow (2)
93	16.49	102.32	Shut-In(2)
123	21.75	103.16	End Shut-In(2)
124	2106.32	105.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100m oil spots in tool	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket:

DST#: 3

ATTN: Kitt Noah

Test Start: 2012.02.19 @ 05:19:00

Tool Information

Drill Pipe:	Length: 4255.00 ft	Diameter: 3.80 inches	Volume: 59.69 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 90.00 ft	Diameter: 2.25 inches	Volume: 0.44 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4347.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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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Change Over Sub	1.00			4328.00	
Shut In Tool	5.00			4333.00	
Hydraulic tool	5.00			4338.00	
Packer	5.00			4343.00	20.00 Bottom Of Top Packer
Packer	4.00			4347.00	
Stubb	1.00			4348.00	
Recorder	0.00	8018	Inside	4348.00	
Recorder	0.00	6751	Outside	4348.00	
Perforations	11.00			4359.00	
Bullnose	3.00			4362.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: **DST#: 3**

ATTN: Kitt Noah

Test Start: 2012.02.19 @ 05:19:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 78000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

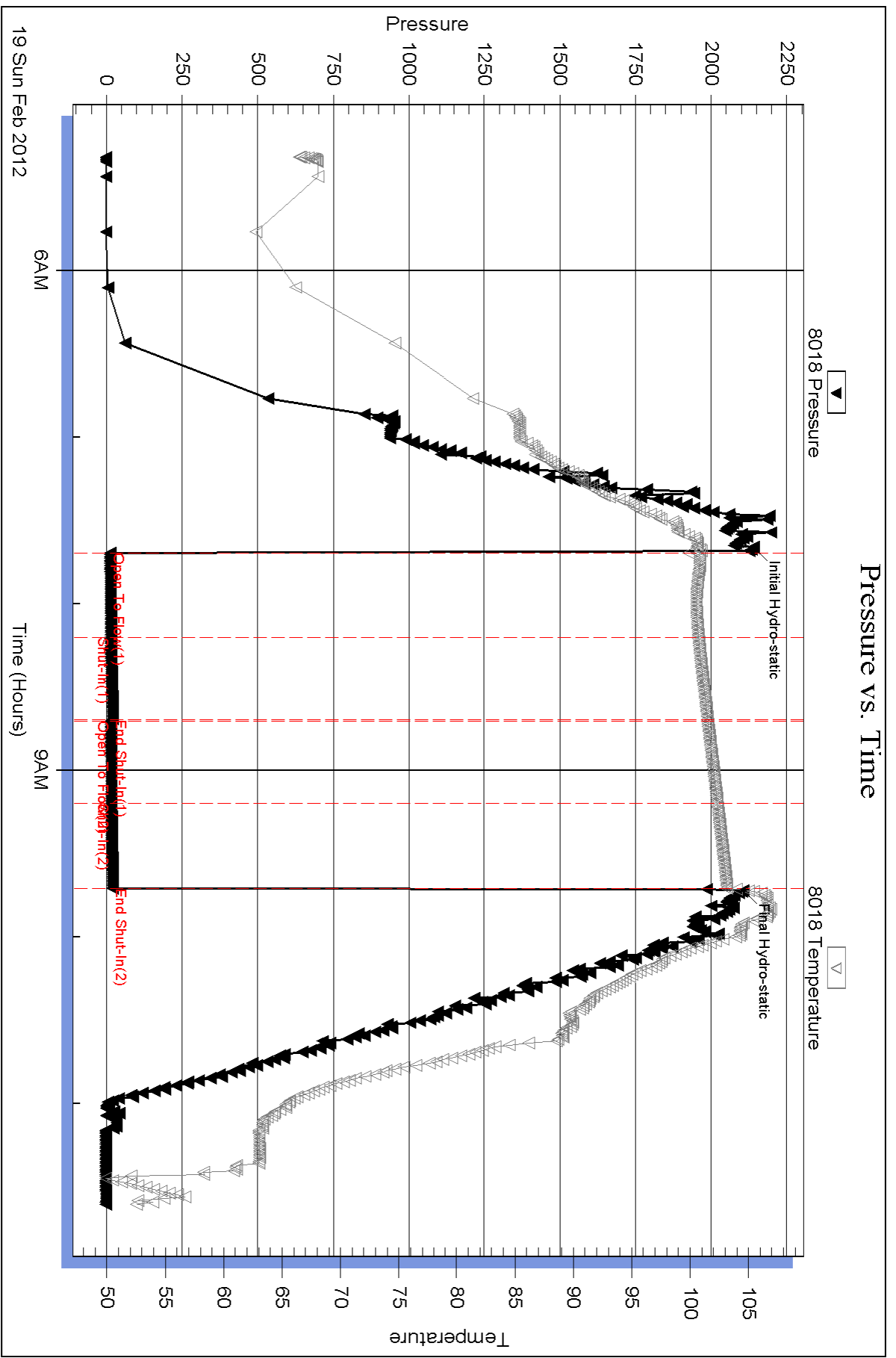
Length ft	Description	Volume bbl
10.00	M 100m oil spots in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

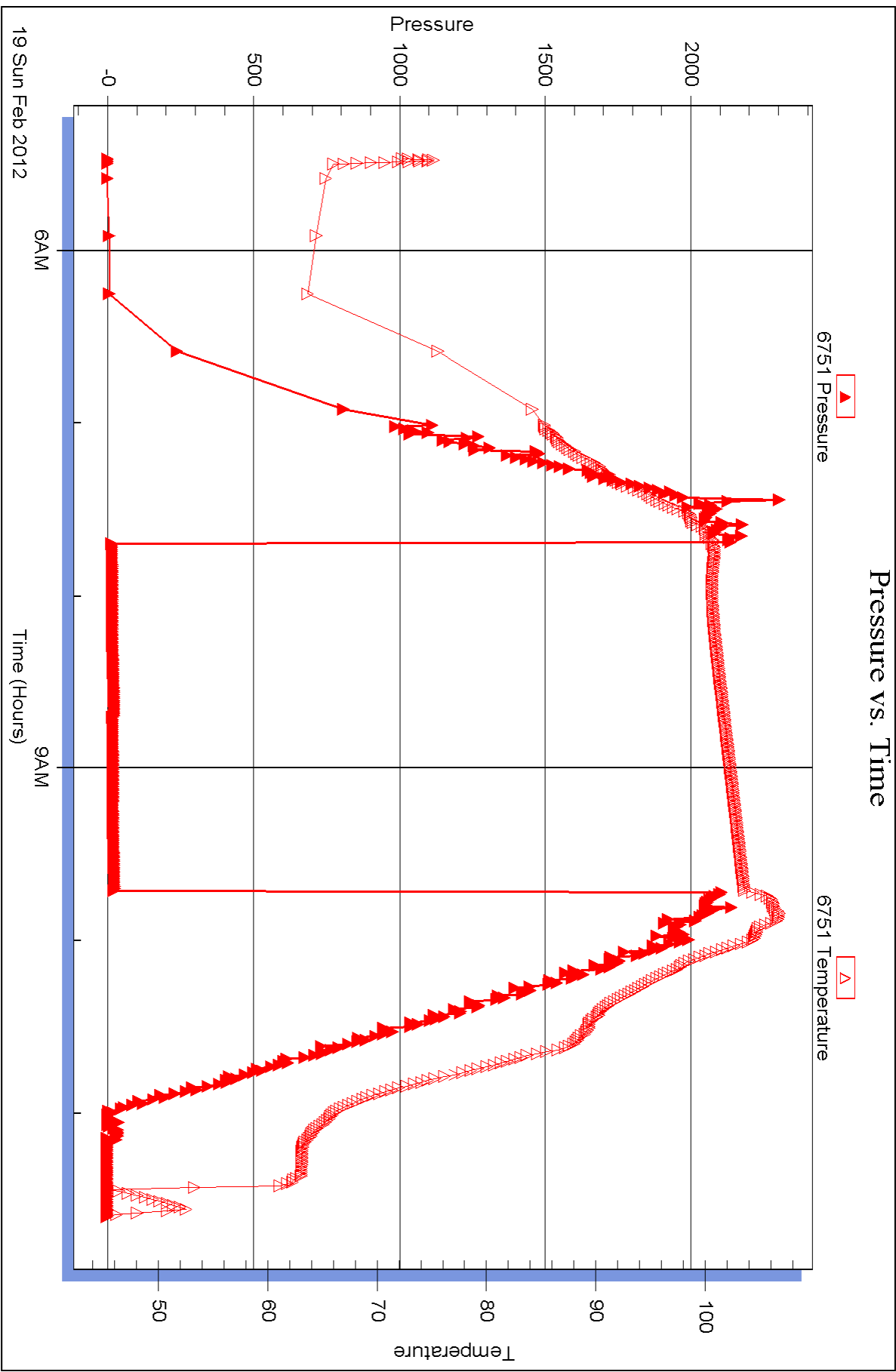


Serial #: 6751

Outside Russell Oil, Inc.

Deanna 'E #1-28

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 PO Box 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: 45400

DST#: 4

Test Start: 2012.02.19 @ 21:52:00

GENERAL INFORMATION:

Formation: **Altamont-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:17:40

Time Test Ended: 06:57:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: 4359.00 ft (KB) To 4393.00 ft (KB) (TVD)

Reference Elevations: 3052.00 ft (KB)

Total Depth: 4393.00 ft (KB) (TVD)

3042.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 119.74 psig @ 4360.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.19

End Date:

2012.02.20

Last Calib.:

2012.02.20

Start Time: 21:52:02

End Time:

06:57:30

Time On Btm:

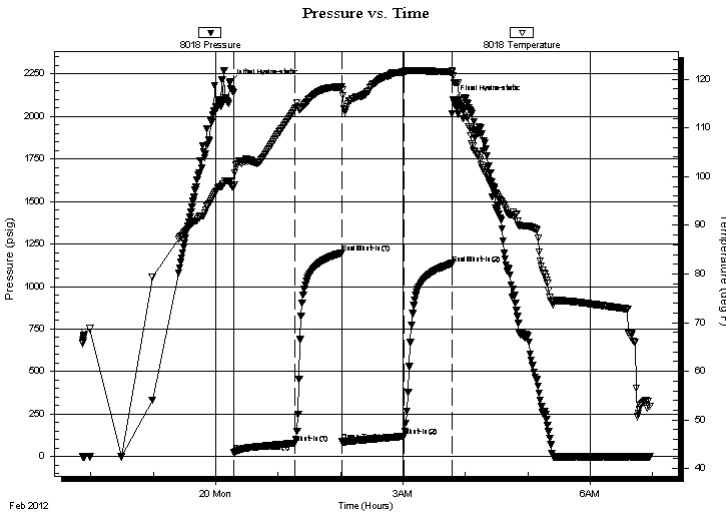
2012.02.20 @ 00:13:40

Time Off Btm:

2012.02.20 @ 03:48:09

TEST COMMENT: B.O.B. 52 min
 1/2 inch return
 11 inch blow
 2 inch return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.75	98.88	Initial Hydro-static
4	23.64	98.20	Open To Flow (1)
63	79.08	113.90	Shut-In(1)
108	1198.30	118.44	End Shut-In(1)
108	88.18	117.85	Open To Flow (2)
168	119.74	121.65	Shut-In(2)
214	1134.97	121.50	End Shut-In(2)
215	2101.29	120.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 10o 90m	0.86
60.00	O 100o	0.84
90.00	GO 30g 70o	1.26
0.00	90 Feet weak GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: 45400

DST#: 4

ATTN: Kitt Noah

Test Start: 2012.02.19 @ 21:52:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	OCM 10o 90m	0.863
60.00	O 100o	0.842
90.00	GO 30g 70o	1.262
0.00	90 Feet weak GIP	0.000

Total Length: 270.00 ft Total Volume: 2.967 bbl

Num Fluid Samples: 0

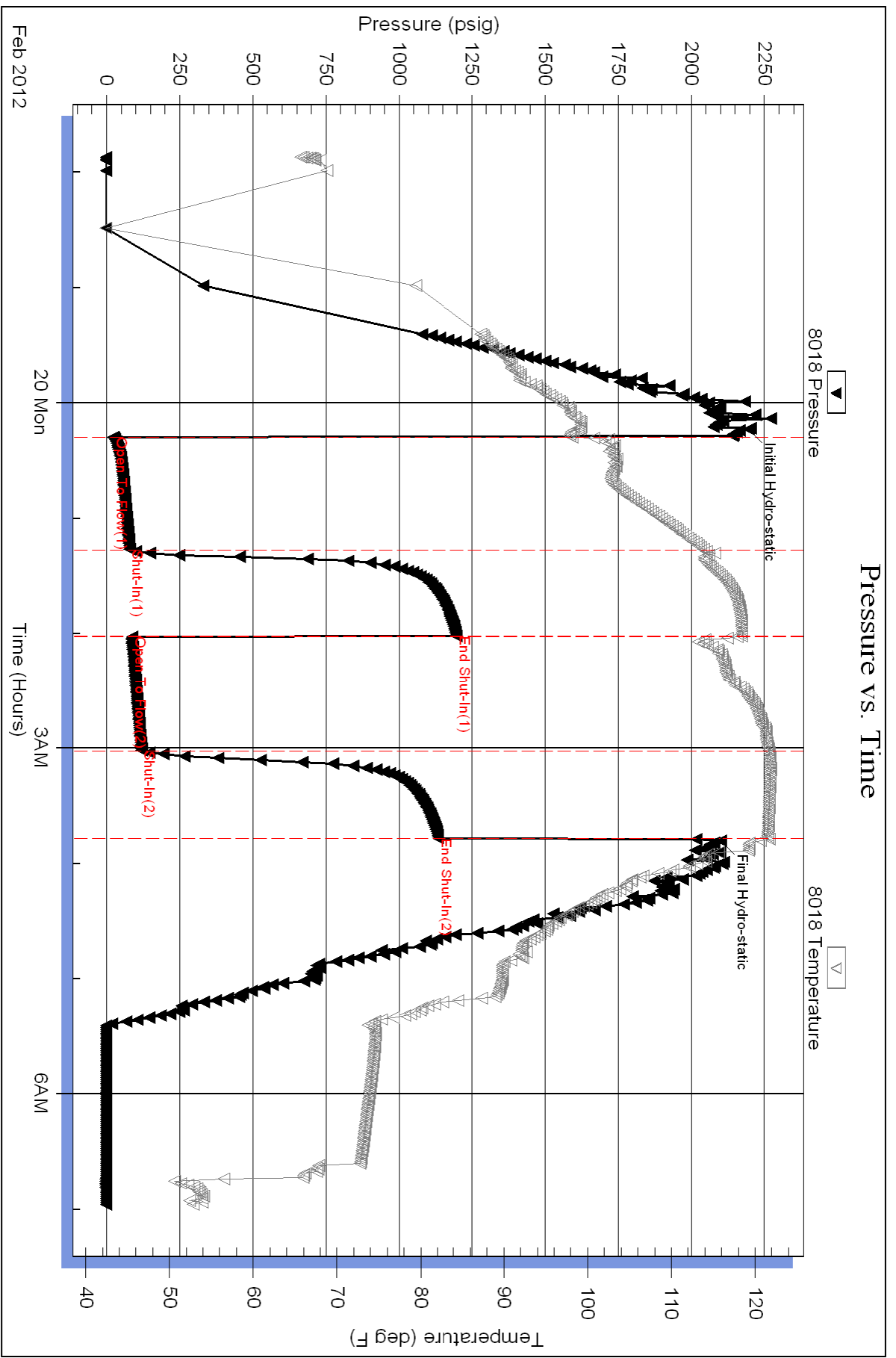
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 23 @ 40 degrees F =25





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
PO Box 8050
Edmond, OK 73083
ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: 45076

DST#: 5

Test Start: 2012.02.21 @ 01:27:00

GENERAL INFORMATION:

Formation: **MS-FS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:59:10

Time Test Ended: 08:24:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: 4428.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 3052.00 ft (KB)

Total Depth: 4480.00 ft (KB) (TVD)

3042.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press @ RunDepth: 18.89 psig @ 4434.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.21

End Date:

2012.02.21

Last Calib.:

2012.02.21

Start Time: 01:27:02

End Time:

08:24:50

Time On Btm:

2012.02.21 @ 03:55:50

Time Off Btm:

2012.02.21 @ 06:21:00

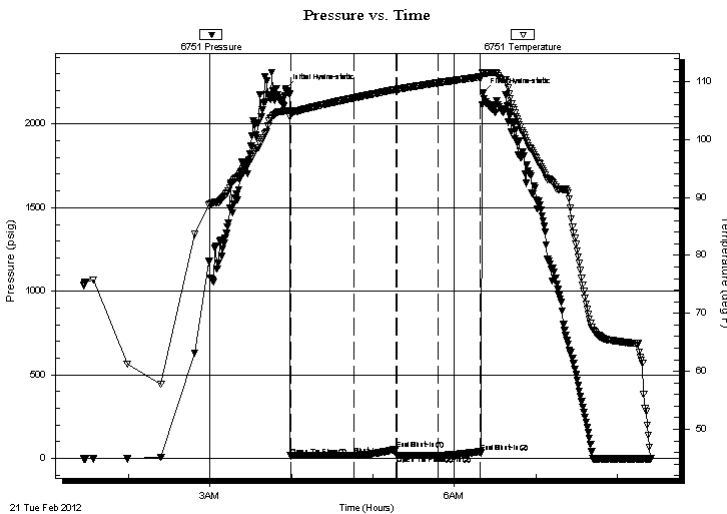
TEST COMMENT: 1/2 inch blow

No return

No blow

No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.51	104.91	Initial Hydro-static
4	15.70	103.94	Open To Flow (1)
51	18.22	107.16	Shut-In(1)
82	56.10	108.62	End Shut-In(1)
82	18.19	108.60	Open To Flow (2)
112	18.89	109.75	Shut-In(2)
144	39.69	110.76	End Shut-In(2)
146	2185.70	111.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100m	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: 45076

DST#: 5

ATTN: Kitt Noah

Test Start: 2012.02.21 @ 01:27:00

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OSM 100m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

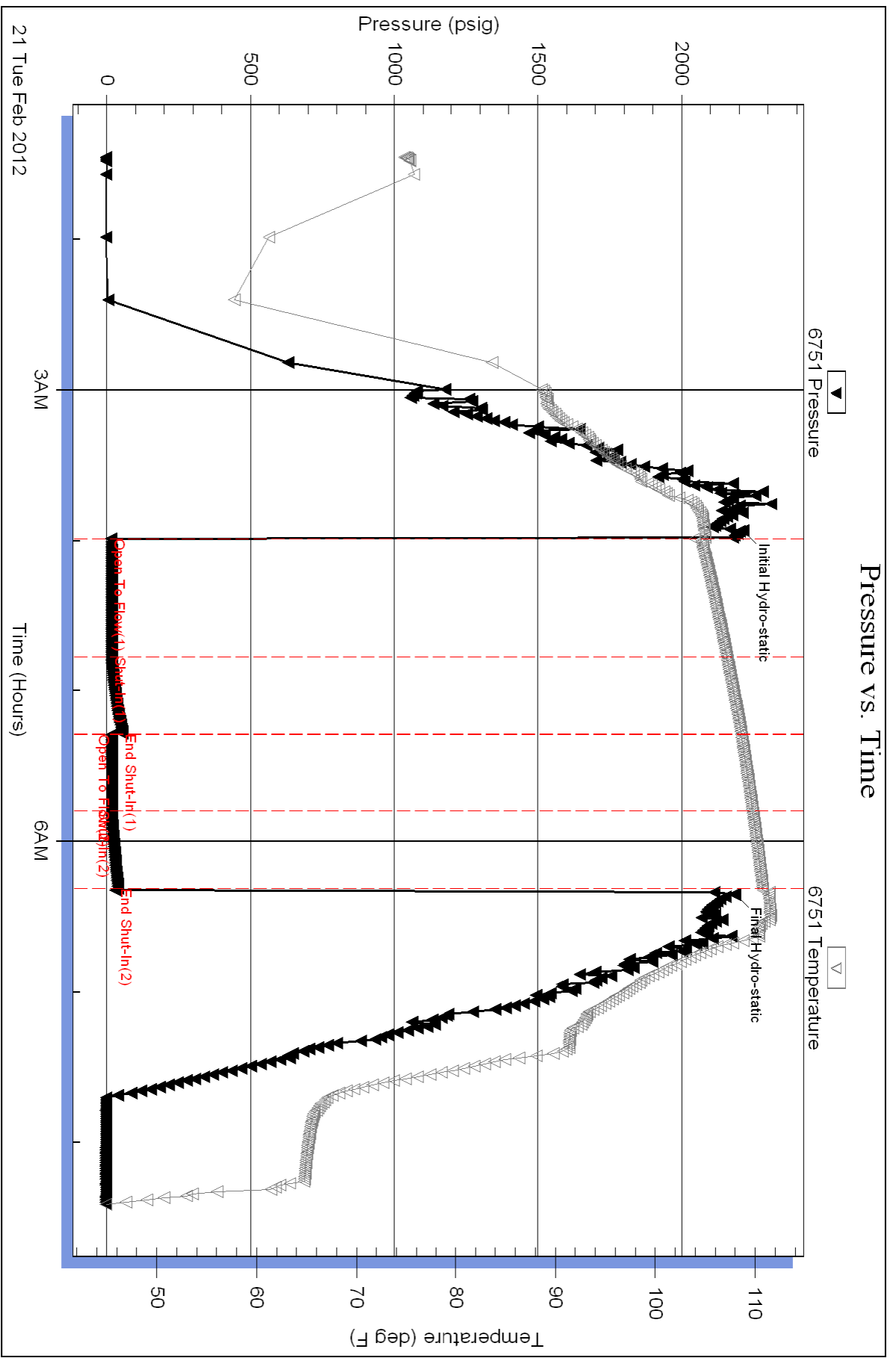
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
PO Box 8050
Edmond, OK 73083
ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: 45077

DST#: 6

Test Start: 2012.02.21 @ 23:27:00

GENERAL INFORMATION:

Formation: **Cherokee-Jhonson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:02:30

Time Test Ended: 06:51:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: 4487.00 ft (KB) To 4560.00 ft (KB) (TVD)

Total Depth: 4560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3052.00 ft (KB)

3042.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 109.21 psig @ 4490.00 ft (KB)

Start Date: 2012.02.21

End Date:

2012.02.22

Start Time: 23:27:02

End Time:

06:51:40

Capacity: 8000.00 psig

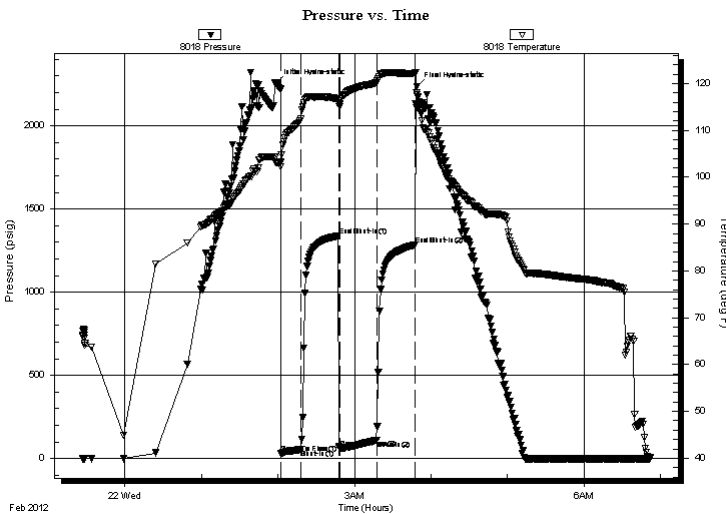
Last Calib.: 2012.02.22

Time On Btm: 2012.02.22 @ 01:58:40

Time Off Btm: 2012.02.22 @ 03:48:50

TEST COMMENT: B.O.B 3 minutes
6.5 inch return
B.O.B 3.5 minutes
12 inch return 18 minutes

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.73	103.14	Initial Hydro-static
4	28.80	102.16	Open To Flow (1)
20	54.92	112.38	Shut-In(1)
49	1338.92	116.73	End Shut-In(1)
50	62.66	115.12	Open To Flow (2)
79	109.21	120.25	Shut-In(2)
109	1283.99	122.15	End Shut-In(2)
111	2237.49	117.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 55g 20m 25o	0.30
60.00	GMCO 40g 30m 30o	0.30
60.00	GMCO 25g 30m 45o	0.84
105.00	GO 20g 80o	1.47
0.00	2090 feet GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: 45077

DST#: 6

ATTN: Kitt Noah

Test Start: 2012.02.21 @ 23:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GMCO 55g 20m 25o	0.295
60.00	GMCO 40g 30m 30o	0.295
60.00	GMCO 25g 30m 45o	0.842
105.00	GO 20g 80o	1.473
0.00	2090 feet GIP	0.000

Total Length: 285.00 ft Total Volume: 2.905 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

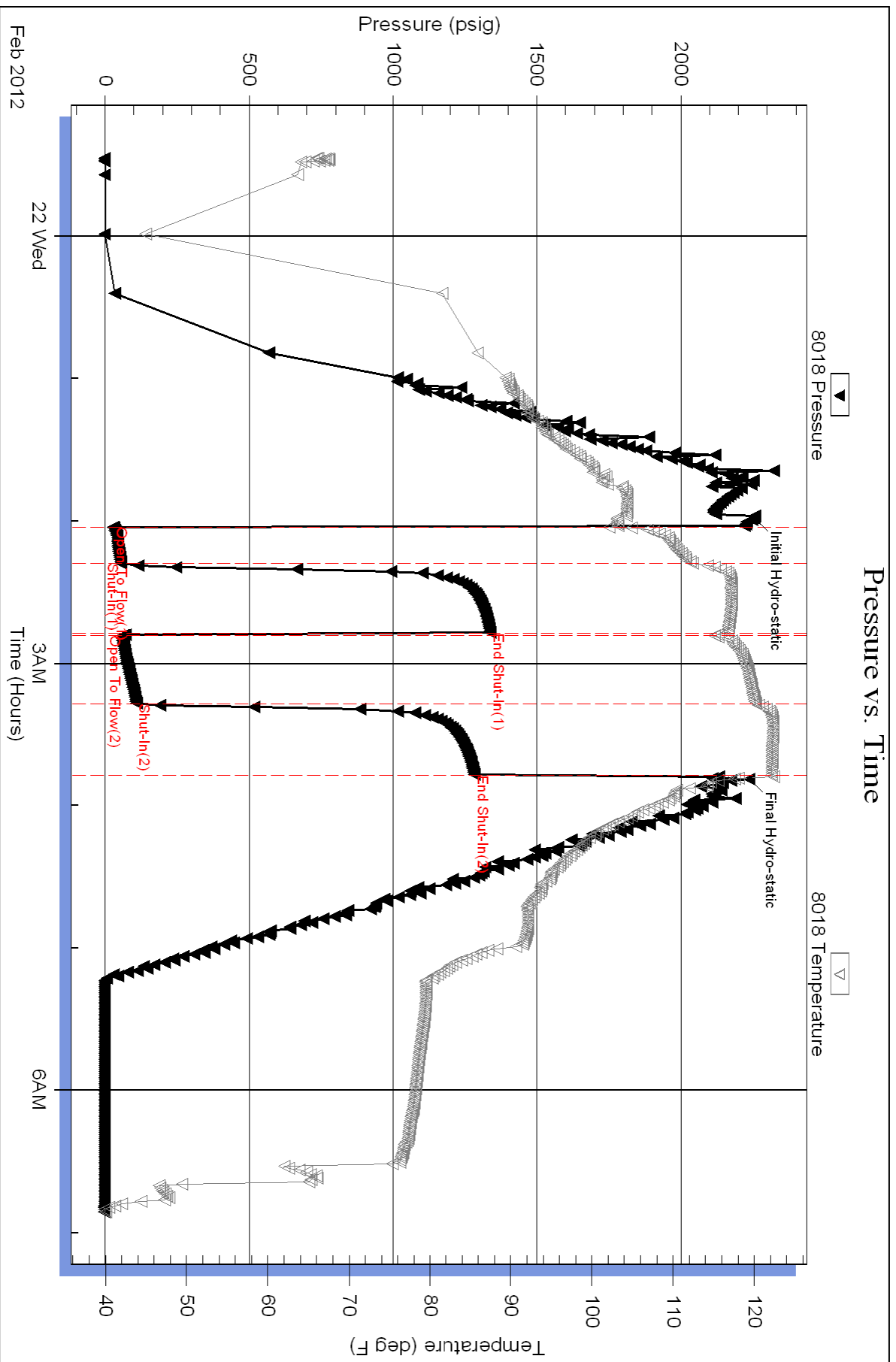
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: api 34 @ 30 Degrees F= 37

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 PO Box 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

28-15s-34w-Logan/KS

Deanna 'E' #1-28

Job Ticket: 45078

DST#: 7

Test Start: 2012.02.22 @ 17:09:00

GENERAL INFORMATION:

Formation: **Lower Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:03:20
 Time Test Ended: 22:29:50
 Interval: **4563.00 ft (KB) To 4592.00 ft (KB) (TVD)**
 Total Depth: 4592.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 3050.00 ft (KB)
 3040.00 ft (CF)
 KB to GR/CF: 10.00 ft

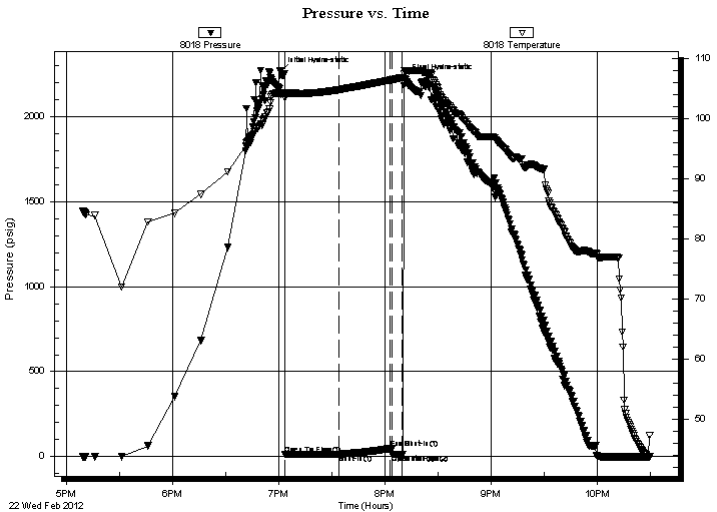
Serial #: 8018

Inside

Press @ Run Depth: 14.14 psig @ 4566.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.22 End Date: 2012.02.22 Last Calib.: 2012.02.22
 Start Time: 17:09:02 End Time: 22:29:50 Time On Btm: 2012.02.22 @ 19:01:10
 Time Off Btm: 2012.02.22 @ 20:11:20

TEST COMMENT: Weak surface blow died @ 13 min.
 No return.
 No blow.
 N/A

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.96	104.16	Initial Hydro-static
3	12.43	103.50	Open To Flow (1)
33	14.14	104.88	Shut-In(1)
62	47.32	106.49	End Shut-In(1)
63	14.15	106.52	Open To Flow (2)
69	14.68	106.91	Shut-In(2)
71	2226.20	107.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 100m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

28-15s-34w-Logan/KS

PO Box 8050
Edmond, OK 73083

Deanna 'E' #1-28

Job Ticket: 45078

DST#: 7

ATTN: Kitt Noah

Test Start: 2012.02.22 @ 17:09:00

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:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

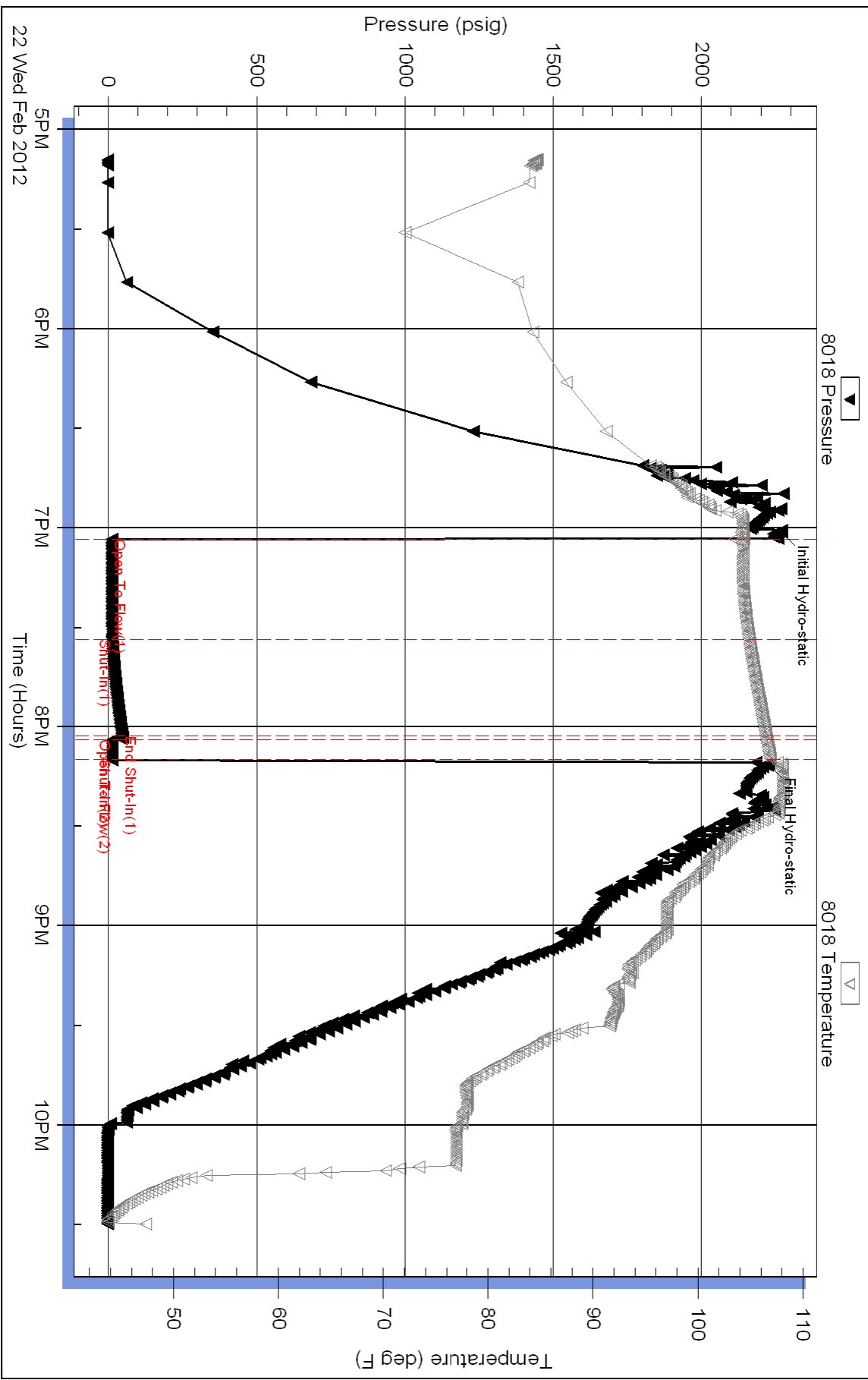
Inside

Russell Oil, Inc.

Deanna 'E #1-28

DST Test Number: 7

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45078

Printed: 2012.02.23 @ 08:13:36

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 10, 2012

LEROY HOLT
Russell Oil, Inc.
PO BOX 8050
EDMOND, OK 73083

Re: ACO1
API 15-109-21063-00-00
Deanna E 1-28
NW/4 Sec.28-15S-34W
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,
LEROY HOLT

ALLIED CEMENTING CO., LLC. 034585

Federal Tax I.D.# 20-5975804

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

SERVICE POINT

Orkley

DATE <i>2-11-12</i>	SEC. <i>28</i>	TWP. <i>16</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION <i>1:30 PM</i>	JOB START <i>3:30 PM</i>	JOB FINISH <i>4:00 PM</i>
LEASE <i>Deanna E</i>		WELL# <i>1-28</i>	LOCATION <i>Pence 1W - 4 1/2 N - 1W</i>		COUNTY <i>Hogan</i>	STATE <i>Ks.</i>	
OLD OR <u>NEW</u> (Circle one)			<i>North into</i>				

CONTRACTOR *HD #2*

TYPE OF JOB *Surface*

HOLE SIZE ~~8 5/8~~ *12 1/4* T.D. *274*

CASING SIZE *8 5/8* DEPTH *271.30*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 ft*

PERFS.

DISPLACEMENT *16.40*

OWNER *Same*

CEMENT

AMOUNT ORDERED *180 SKs Com 3% CC*
2% Gel

COMMON	<i>180 SKs</i>	@ <i>16.25</i>	<i>\$2925.00</i>
POZMIX		@	
GEL	<i>3 SKs</i>	@ <i>21.25</i>	<i>\$63.75</i>
CHLORIDE	<i>6 SKs</i>	@ <i>58.20</i>	<i>\$349.20</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>189 SKs</i>	@ <i>2.25</i>	<i>\$425.25</i>
MILEAGE	<i>11¢ Per mile</i>		<i>\$1039.50</i>
TOTAL			<i>\$4802.70</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Lakene*

431 HELPER *Darren/Dane*

BULK TRUCK

347 DRIVER *Billy*

BULK TRUCK

DRIVER

REMARKS:

Mix 180 SKs Cement
Displace with water
Cement Did Circulate

Thank You

CHARGE TO: *Russell Oil*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>271.30</i>		
PUMP TRUCK CHARGE			<i>\$1125.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>50</i>	@ <i>7.00</i>	<i>\$350.00</i>
MANIFOLD <i>Swedge</i>		@	<i>\$325.00</i>
<i>LV mileage</i>		@ <i>4.00</i>	<i>\$200.00</i>
		@	
TOTAL			<i>\$2000.00</i>

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			_____

To Allied Cementing Co., 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 *Broad Roberts*

SIGNATURE *Broad Roberts*

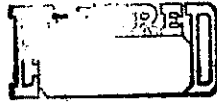
SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



CONSOLIDATED
Oil Well Services, LLC



TICKET NUMBER 33887
LOCATION Oakley, KS
FOREMAN Walt Dinkel

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-24-12	7043	Deanna E #1-28	28	15 ^S	34 ^W	Logan
CUSTOMER Russell Oil		Pense 1W 4 1/2 IN 1W 1 IN	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			456-T118	Wiles Shaw		
CITY	STATE	ZIP CODE	566 -	Bobby Stienert		
			528-T127	Cochy Roets		

JOB TYPE Prod-DY HOLE SIZE 7 7/8 HOLE DEPTH 4650' CASING SIZE & WEIGHT 5 1/2-
CASING DEPTH 4639 DRILL PIPE _____ TUBING _____ OTHER DV 2427'
SLURRY WEIGHT 13.8, 12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 42.14'
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 6-7 BPM

REMARKS: Safety Meeting, Rig up on HD #2, ran casing to bottom
Circ 1 Hr, Pumped 500 gal Mud Flush, mixed 150 sks OWC, 5#
Kolseal, clear Pump+Lines, Displace 50 BBL H₂O + 62 BBL Mud
2 800# Landed Plug @ 1200#, release Pressure, Float held
Open DV Tool, Circ 1 Hr, mix 30 sks in RH, mixed 445 sks 60/40 per
8% Gel, 1 1/4" Flo-Seal, clear Pump+Lines, release Plug + Displace
59 BBL H₂O @ 900#, Landed Plug @ 1500#, release Pressure
Tool held

Circ 15 BBL Cement to Pt. Thank You
Walt + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020.00	3,020.00
5406	40	MILEAGE	5.00	200.00
1126	150 SKS	OWC	22.55	3,382.50
1131	475 SKS	60/40 per	15.10	7,172.50
1118B	3272#	Gel	.25	818.00
1110A	750#	Kolseal	.56	420.00
1107	119#	Flo-Seal	2.82	335.58
1144 G	500 gal	Mud Flush	1.00	500.00
5407A	27.48	Ten Mileage Delivery	1.67	1,835.60
4159	1	5 1/2-AFU Float Sleeve	413.00	413.00
4454	1	5 1/2 - Latch down Plug Assy	303.00	303.00
4136	6	5 1/2 - Turbo-Centralizers	72.00	432.00
4104	1	5 1/2 Basket	276.00	276.00
4277	1	5 1/2 - DV Tool - W	4700.00	4700.00
				23,808.18
		Less 10% Disc	-	2,380.82
				21,427.36
		248015	SALES TAX	1316.44
			ESTIMATED TOTAL	22743.80

Ravin 3737

AUTHORIZATION Todd Brown TITLE _____ DATE 2/24/2012

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.