



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1145547
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: _____



1145547

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
--	---

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)*

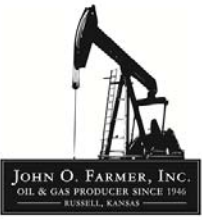
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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> _____
---	--

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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AUSTIN B. KLAUS



Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Hanchett B #1
Location: Phillips County
License Number: API #15-147-20706-00-00
Spud Date: 2/13/2013
Surface Coordinates: Section 17 - Township 4 South - Range 18 West
990' FSL & 1,310' FWL
Bottom Hole Coordinates: Vertical well with minimal deviation, same as above
Ground Elevation (ft): 1,886' K.B. Elevation (ft): 1,894'
Logged Interval (ft): 2,800' To: RTD Total Depth (ft): 3,390'
Formation: Lansing
Type of Drilling Fluid: Chemical (Andy's)

Region: Kansas
Drilling Completed: 2/18/2013

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: John O. Farmer, Inc.
Address: P.O. Box 352
Russell, KS 67665-0352

Comments

The Hanchett B #1 well was drilled by WW Drilling Rig #12(Tool Pusher: Calvin Pfannenstiel).

The location for the Hanchett B #1 well was found via 3-D seismic survey. Based on the results of the drill stem tests that were conducted and samples and wireline logs that were evaluated, the decision was made plug and abandon the Hanchett B #1 well on 2/19/13.

ROCK TYPES

Anhy
 Bent
 Brec
 Cht

Clyst
 Coal
 Congl
 Dol

Gyp
 Igne
 Lmst
 Meta

Mrlst
 Salt
 Shale
 Shcol

Shgy
 Slstst
 Ss
 Till

OTHER SYMBOLS

POROSITY

E Earthy
 F Fenest
 F Fracture
 X Inter
 M Moldic
 O Organic
 P Pinpoint

V Vuggy

SORTING

W Well
 M Moderate
 P Poor

ROUNDING

R Rounded
 r Subrnd
 a Subang
 A Angular

OIL SHOW

Even

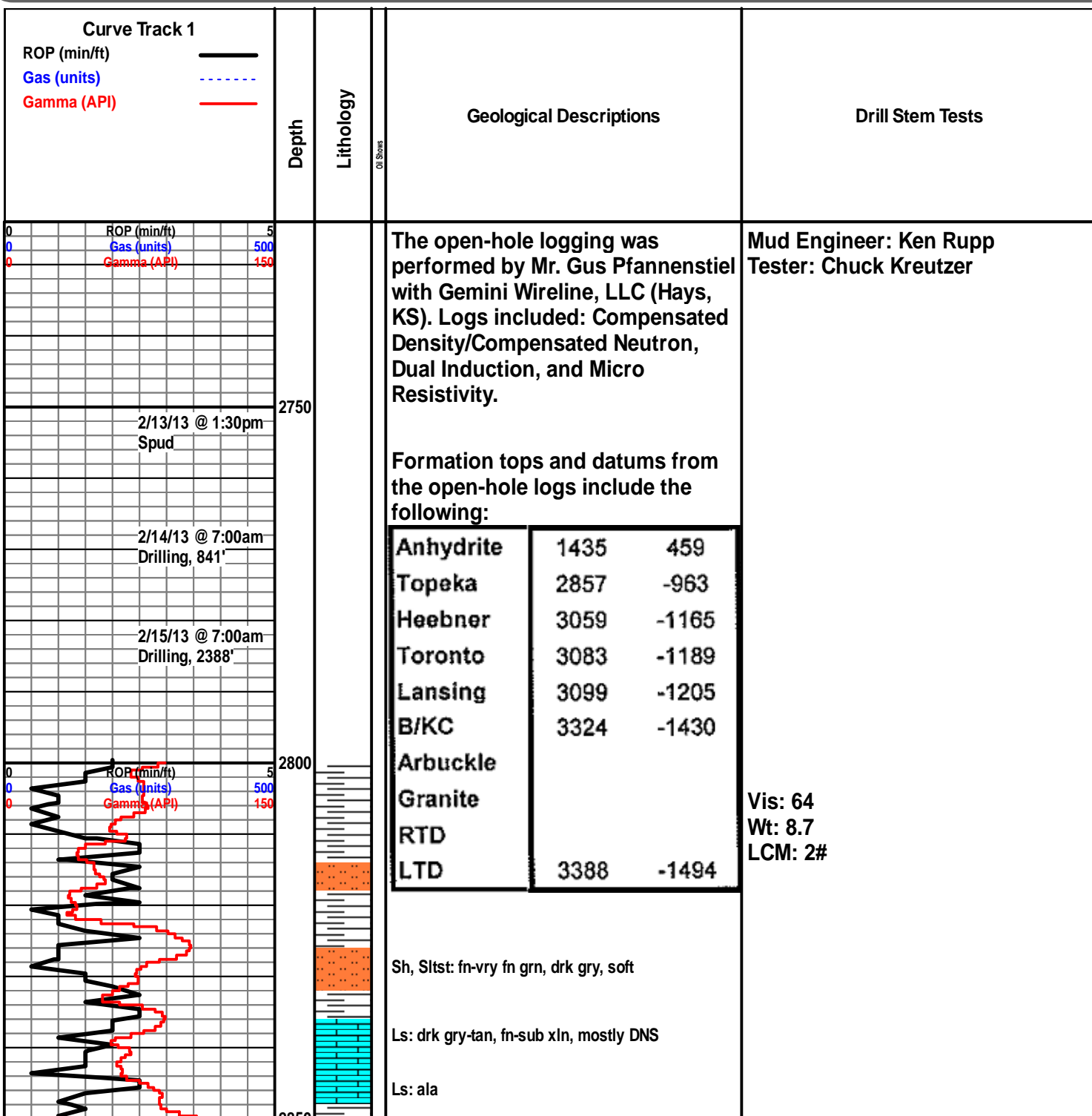
Spotted
 Ques
 Dead

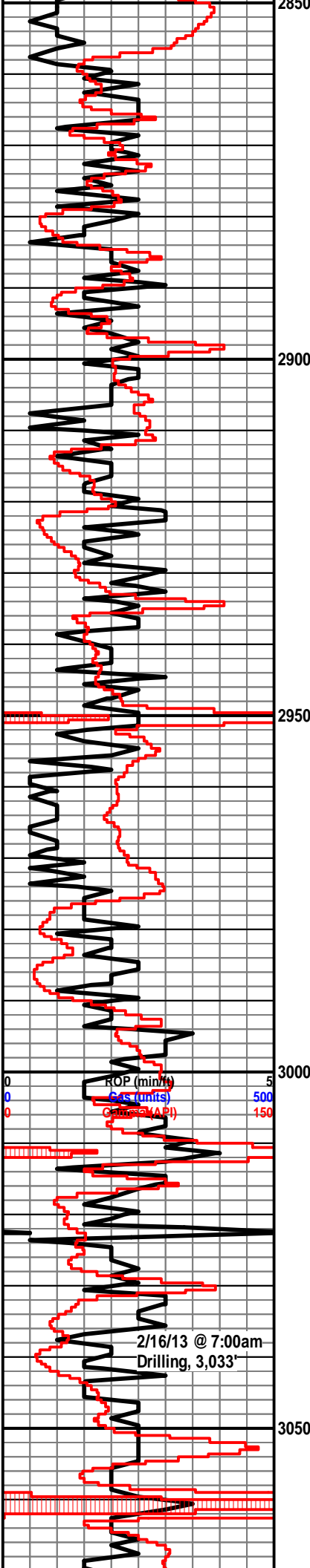
INTERVAL

Core
 Dst

EVENT

Rft
 Sidewall





Sh: drk gry-brn

Topeka 2859' (-965)

Ls: tan-lt gry-brn, fn xln, scat pp vuggy porosity, sl chert-off wh, sl chalky

Ls: ala

Ls: tan-gry, fn-sub xln, mostly DNS, sl fossil

Ls: tan-lt gry, fn xln, scat int xln porosity, mostly DNS, NSFO, No odor

Ls: ala

Sh: drk gry-blk

Ls: tan-gry-brn, fn-sub xln, mostly DNS, sl fossil, sl chalky

Ls: off wh-tan, fn xln, scat int xln porosity, NSFO, No odor, fossil, chalky

Ls: ala

Ls: tan-gry, fn-sub xln, mostly DNS, sl fossil, sl chert-off wh

Ls: ala

Sh, Slst: vry fn grn, lt gry, vry soft

Sh: drk gry-brn, soft

Ls: tan-gry, fn-sub xln, vry DNS, sl chert-off wht

Ls: off wh-tan-gry, fn xln, scat int xln porosity, NSFO, no odor, sl chalky, sl fossil

Ls: ala

Ls: off wh-tan, fn-sub xln, mostly DNS, sl fossil, sl chalky

Sh: gry

Ls: off wh-tan, fn xln, scat int xln porosity, lt oil st in porosity, VSSFO, sl odor, hvy chert-off wh, sl chalky

Ls: tan-lt gry, fn-sub xln, mostly DNS, sl chert, sl chalky

Ls: off wh-tan, fn xln, mostly DNS, sl fossil, chalky

Ls: ala

Heebner 3062' (-1168)

Sh: blk, carb, fissile

Sh: drk gry, soft

Vis: 64
Wt: 8.7
LCM: 2#

Vis: 54
Wt: 8.4
LCM: 2#

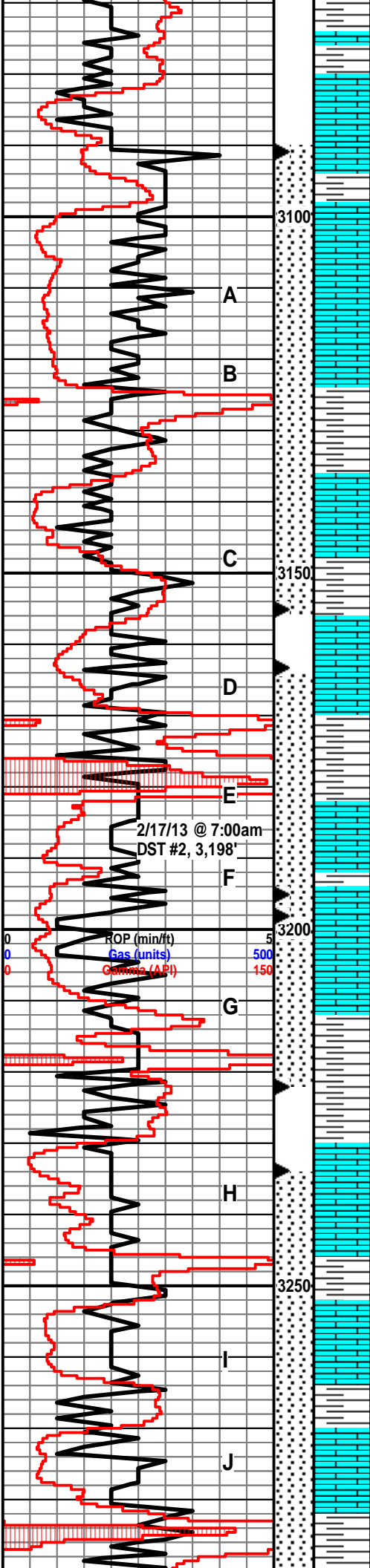
Vis: 55
Wt: 8.6

ROP (min/hr)
Gas (units)
Chalk (API)

2/16/13 @ 7:00am
Drilling, 3,033'

DST #1 3,091-3,155' LKC A-C
30"-30"-60"-60"

IF: weak blow, built to 4"



Sh: drk gry, soft

Toronto 3087' (-1193)

Ls: off wh-tan-lt gry, fn-sub xln, poor int xln porosity, NSFO, no odor, hvy chert-off wh

Sh: drk gry-brn-grn, soft

Lansing 3105' (-1211)

Ls: off wh, fn xln, poor int fossil porosity, vry lt-dead oil st, NSFO, sl odor, fossil

Ls: off wh-tan, fn-sub xln, scat int xln porosity, mostly DNS, NSFO, no odor, sl chalky, chert-off wh

Sh: drk gry-brn-grn

Ls: off wh-tan, fn xln, poor int xln porosity, sl oil st in porosity, sl chert-off wh, NSFO, sl odor

Sh: drk gry-brn-grn

Ls: off wh-tan, fn xln, poor int xln and pp vuggy porosity, sl fossil, chert-off wh, sl-fair oil st, NSFO, sl odor

Sh: drk gry

Ls: off wh, fn xln, poor fracture & int xln porosity, fair oil st, chert-off wh, sl fossil, VSSFO, sl odor

Sh: drk gry-brn

Ls: off wh-tan, fn xln, poor int xln porosity, fair oil st, VSSFO, sl odor, sl chert, sl fossil

Sh: drk gry-drk brn-grn

Ls: off wh, ool, poor oolitic porosity, lt oil st in porosity, VSSFO, fair odor, sl chert-off wh

Sh: drk gry-brn

Sh: drk gry-brn-blk, soft

Ls: off wh-lt gry, fn-sub xln, mostly DNS, NSFO, no odor, hvy chert-off wh, chalky

Sh: drk gry-brn, soft

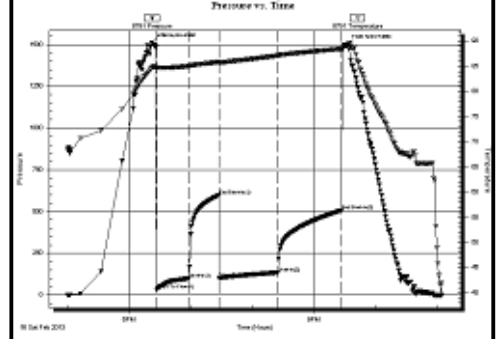
Ls: off wh-tan, fn xln, poor int xln/part porosity, fair oil st, SSFO, fair odor, sl chalky

Sh: drk gry-brn-grn

Ls: off wh-tan-lt gry, fn xln, poor in xln porosity, vry lt oil st in porosity, NSFO, no odor, chert-off wh, sl chalky

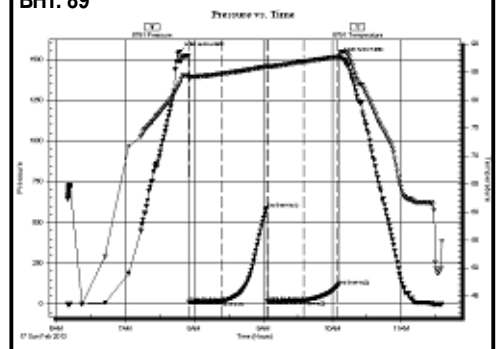
Sh: drk gry-brn-grn-blk, soft

IF: weak blow, built to 5"
 Rec: 212' Water
 FP: 32-99, 101-134#
 SIP: 597-507#
 HP: 1,511-1,503#
 BHT: 89



**DST #2 3,163-3,198' LKC D-F
 30"-30"-30"-30"**

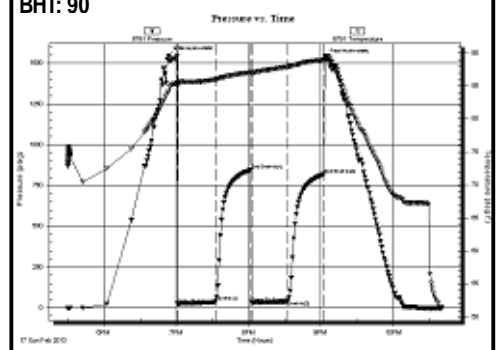
IF: weak blow, died in 15 minutes
 FF: no blow
 Rec: 10' Mud with oil specks
 FP: 12-17, 16-20#
 SIP: 587-115#
 HP: 1,548-1,515#
 BHT: 89



**Vis: 46
 Wt: 8.9**

**DST #3 3,195-3,222' LKC G
 30"-30"-30"-30"**

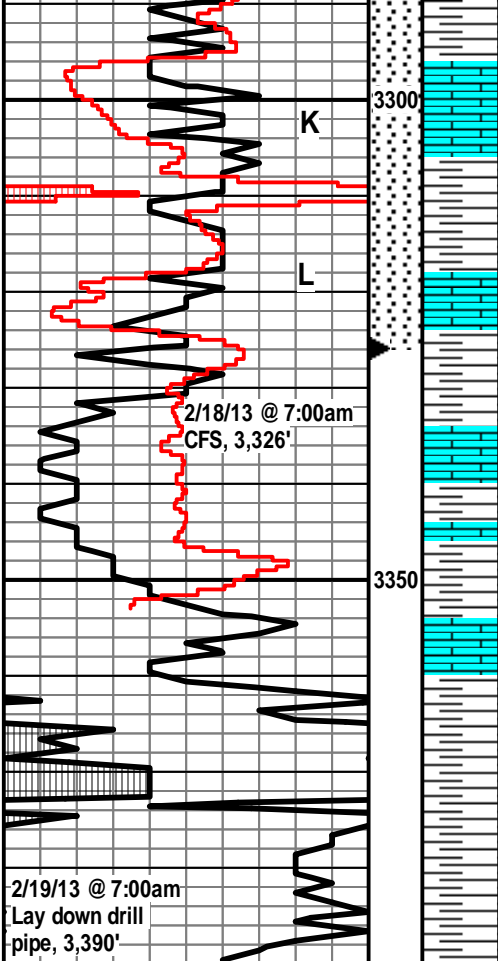
IF: weak blow, died in 30 minutes
 FF: no blow
 Rec: 62' M with oil specks
 FP: 25-41, 34-44#
 SIP: 846-820#
 HP: 1,546-1,531#
 BHT: 90



**Vis: 43
 Wt: 8.9**

**DST #4 3,234-3,326' LKC I-L
 30"-30"-30"-30"**

IF: weak blow, died in 20 minutes
 FF: no blow
 Rec: 62' Mud
 FP: 19-35, 38-51#
 SIP: 940-932#
 HP: 1,581-1,552#
 BHT: 88



Ls: off wh-lt gry, fn-sub xln, mostly DNS, NSFO, no odor, sl chert-off wh, sl chalky

Sh: gry-brn-grn

Ls: off wh-tan-lt gry, fn-sub xln, mostly DNS, chalky

BKC 3324' (-1430)

Sh: drk gry-brn-grn

Sh: drk gry

Sh: lt gry-brn, vry soft

Sh: ala

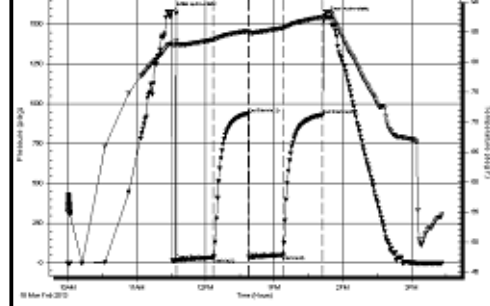
Ls: off wh-lt gry, fn-sub xln, DNS

Sh: drk gry-drk brn

Sh: drk brn-maroon, soft

Sh: ala

Sh: drk gry-drk brn, vry soft



Vis: 46
Wt: 8.9



DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Hanchet B #1

17-4s-18w Phillips,KS

Start Date: 2013.02.16 @ 17:00:00

End Date: 2013.02.16 @ 23:05:00

Job Ticket #: 48046 DST #: 1

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

Printed: 2013.02.27 @ 12:19:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48046

DST#: 1

ATTN: Austin Klaus

Test Start: 2013.02.16 @ 17:00:00

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:26:30

Time Test Ended: 23:05:00

Test Type: Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr.

Unit No: 61

Interval: 3091.00 ft (KB) To 3155.00 ft (KB) (TVD)

Reference Elevations: 1894.00 ft (KB)

Total Depth: 3155.00 ft (KB) (TVD)

1886.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 133.90 psig @ 3095.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.16

End Date: 2013.02.16

Last Calib.: 2013.02.16

Start Time: 17:00:01

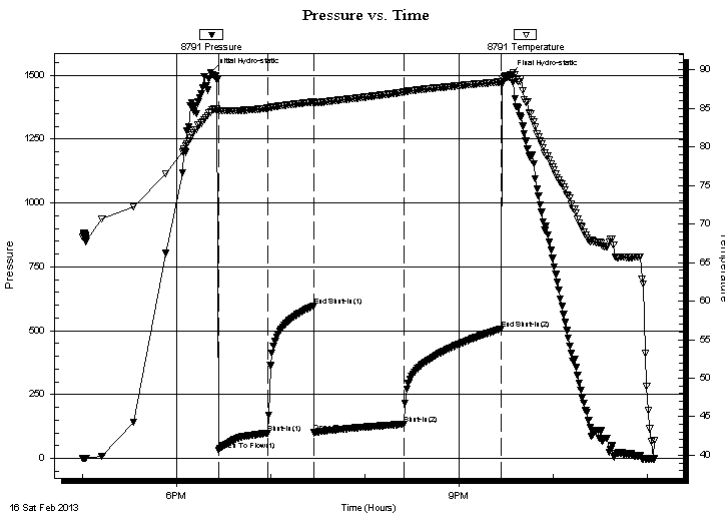
End Time: 23:05:00

Time On Btm: 2013.02.16 @ 18:21:30

Time Off Btm: 2013.02.16 @ 21:32:30

TEST COMMENT: IF: Weak blow, Built to 4" over 30 mins.
IS: No blow back
FF: Weak blow built to 5" over 60 mins.
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1511.32	84.52	Initial Hydro-static
5	32.19	84.68	Open To Flow (1)
37	98.85	85.03	Shut-In(1)
66	596.98	85.85	End Shut-In(1)
66	100.74	85.64	Open To Flow (2)
123	133.90	87.12	Shut-In(2)
185	506.91	88.46	End Shut-In(2)
191	1503.30	89.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
212.00	water-100%w	1.88

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48046

DST#: 1

ATTN: Austin Klaus

Test Start: 2013.02.16 @ 17:00:00

Tool Information

Drill Pipe:	Length: 2971.00 ft	Diameter: 3.80 inches	Volume: 41.68 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: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 42.27 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3091.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 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			3076.00	
Hydraulic tool	5.00			3081.00	
Packer	5.00			3086.00	20.00 Bottom Of Top Packer
Packer	5.00			3091.00	
Stubb	1.00			3092.00	
Perforations	2.00			3094.00	
Change Over Sub	1.00			3095.00	
Recorder	0.00	8791	Inside	3095.00	
Recorder	0.00	8651	Outside	3095.00	
Blank Spacing	31.00			3126.00	
Change Over Sub	1.00			3127.00	
Perforations	25.00			3152.00	
Bullnose	3.00			3155.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48046

DST#: 1

ATTN: Austin Klaus

Test Start: 2013.02.16 @ 17:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
212.00	water-100%w	1.881

Total Length: 212.00 ft Total Volume: 1.881 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

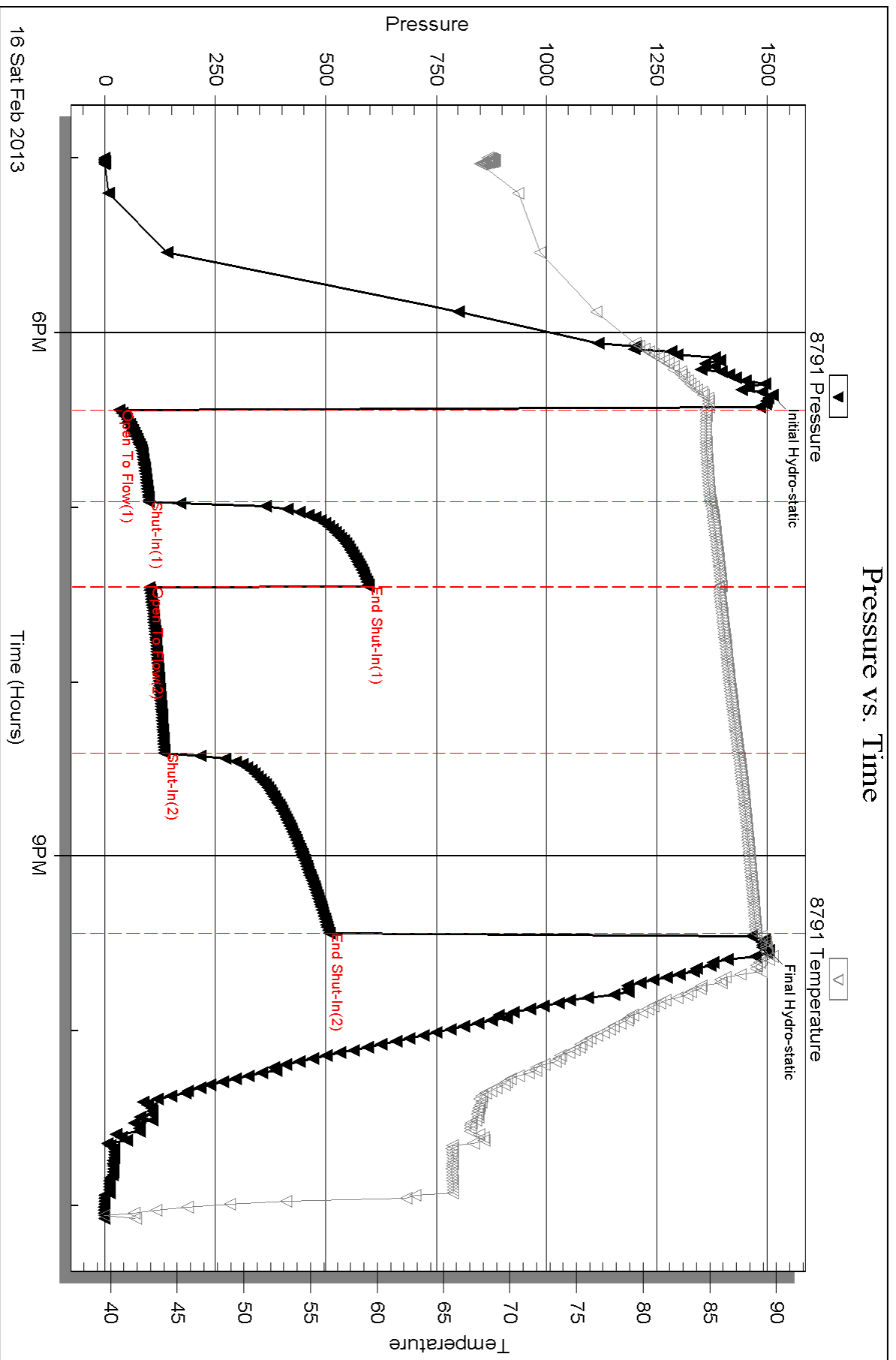
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

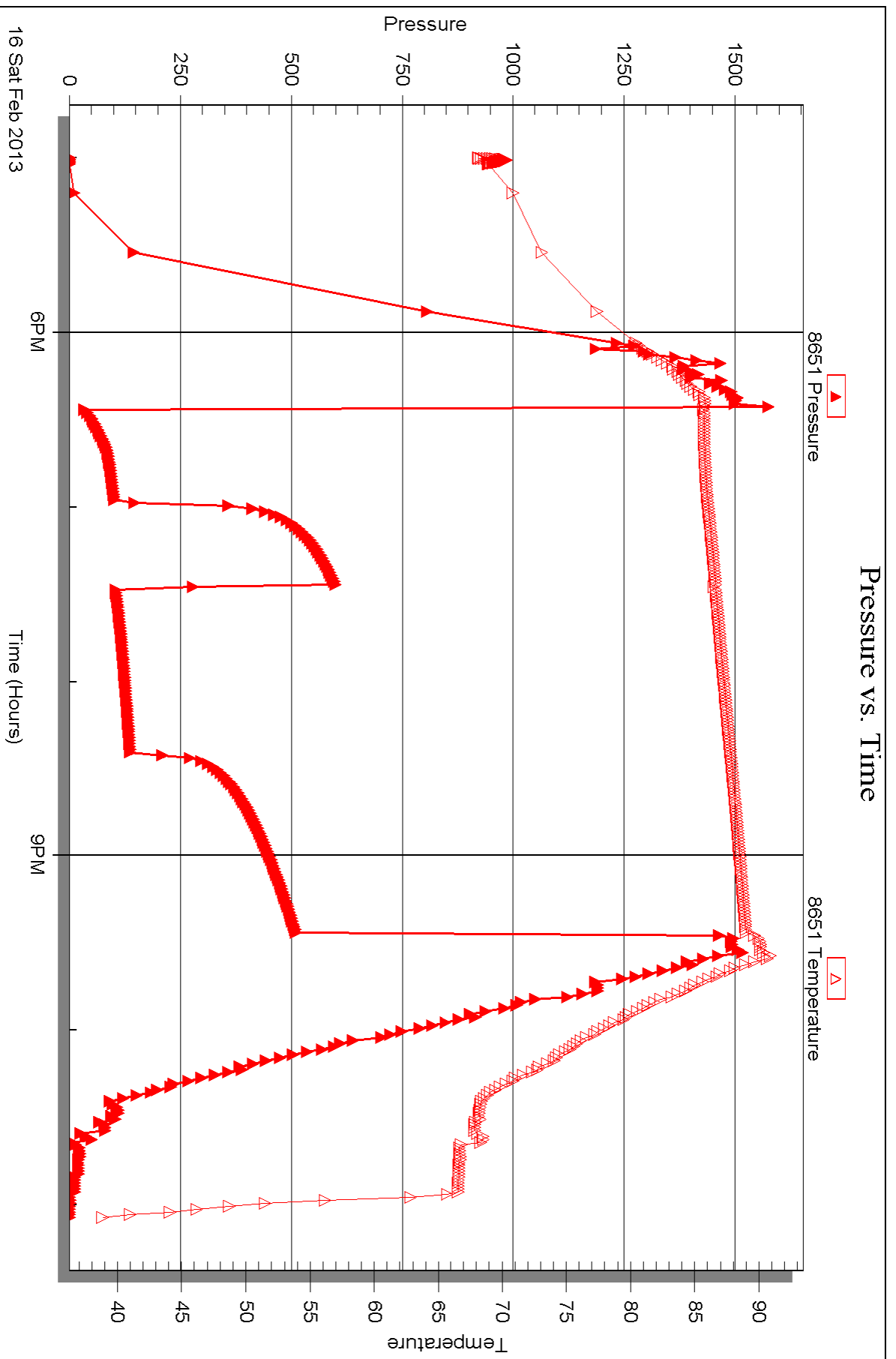


Serial #: 8651

Outside John O Farmer

Hanchet B #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Hanchet B #1

17-4s-18w Phillips,KS

Start Date: 2013.02.17 @ 06:10:00

End Date: 2013.02.17 @ 11:35:30

Job Ticket #: 48047 DST #: 2

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

Printed: 2013.02.27 @ 12:17:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48047

DST#: 2

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 06:10:00

GENERAL INFORMATION:

Formation: **LKC-D,F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:55:30

Time Test Ended: 11:35:30

Test Type: Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 61

Interval: 3163.00 ft (KB) To 3198.00 ft (KB) (TVD)

Reference Elevations: 1894.00 ft (KB)

Total Depth: 3198.00 ft (KB) (TVD)

1886.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8791

Inside

Press @RunDepth: 20.48 psig @ 3169.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.17

End Date:

2013.02.17

Last Calib.:

2013.02.17

Start Time: 06:10:01

End Time:

11:35:30

Time On Btm:

2013.02.17 @ 07:47:30

Time Off Btm:

2013.02.17 @ 10:06:30

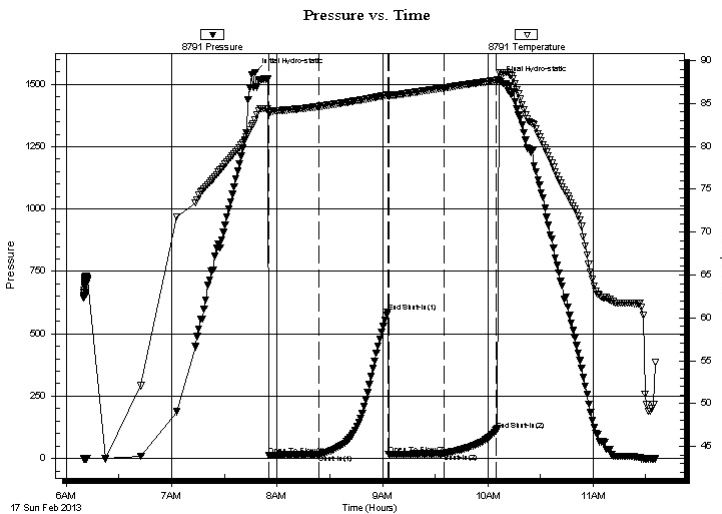
TEST COMMENT: IF: Weak blow , Died in 15 mins.

ISI: No blow back

FF: No blow

FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.08	83.05	Initial Hydro-static
8	12.31	83.88	Open To Flow (1)
37	16.38	84.65	Shut-In(1)
76	586.83	85.98	End Shut-In(1)
76	16.35	85.83	Open To Flow (2)
108	20.48	86.82	Shut-In(2)
138	114.92	87.70	End Shut-In(2)
139	1515.05	88.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil specs	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

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48047

DST#: 2

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 06:10:00

Tool Information

Drill Pipe:	Length: 3033.00 ft	Diameter: 3.80 inches	Volume: 42.55 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: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.14 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3163.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 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			3148.00	
Hydraulic tool	5.00			3153.00	
Packer	5.00			3158.00	20.00 Bottom Of Top Packer
Packer	5.00			3163.00	
Stubb	1.00			3164.00	
Perforations	5.00			3169.00	
Recorder	0.00	8791	Inside	3169.00	
Recorder	0.00	8651	Outside	3169.00	
Change Over Sub	1.00			3170.00	
Perforations	25.00			3195.00	
Bullnose	3.00			3198.00	35.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48047

DST#: 2

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 06:10:00

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: 55.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil specs	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:

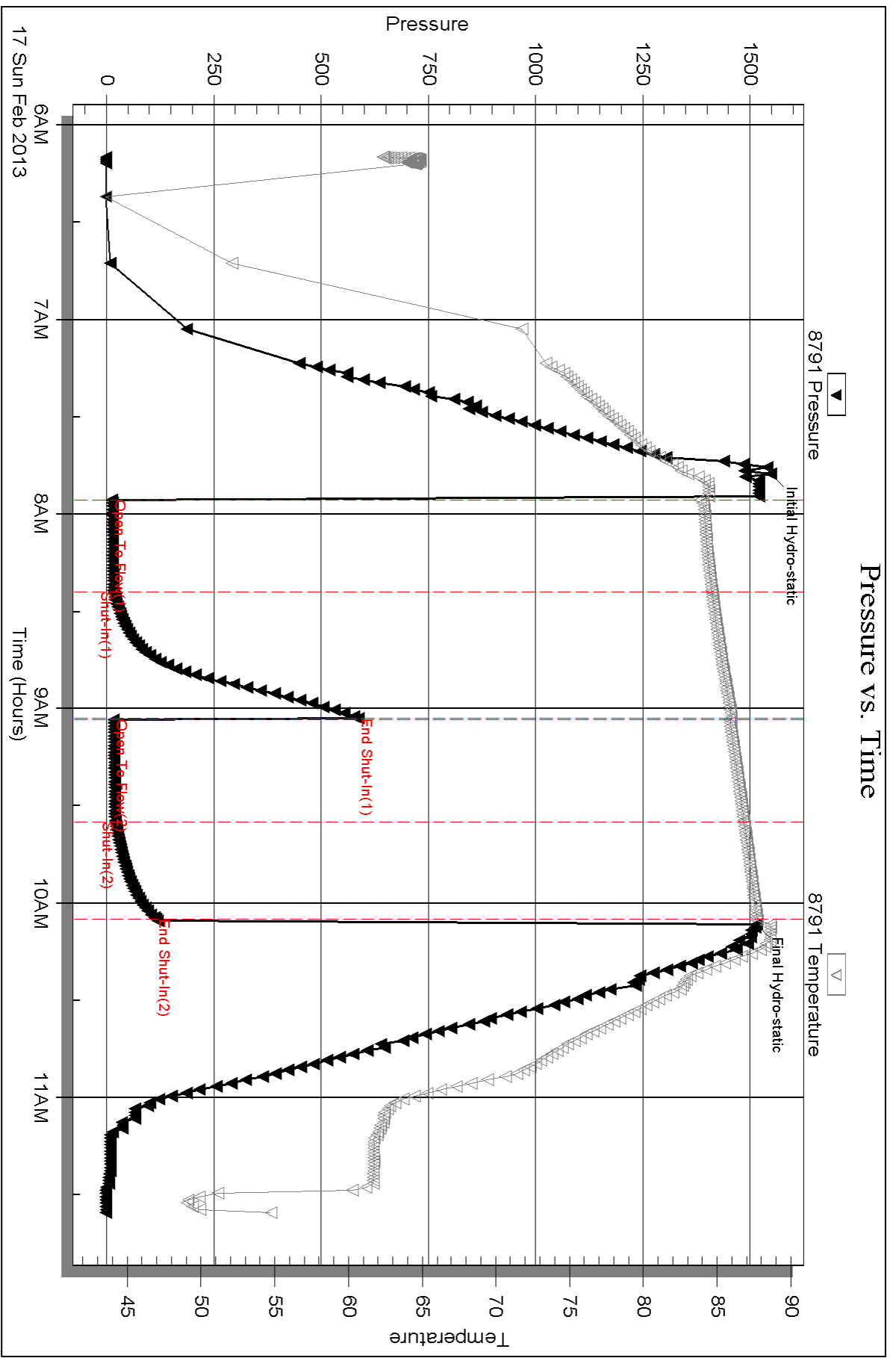
Serial #: 8791

Inside

John O Farmer

Hanchet B #1

DST Test Number: 2

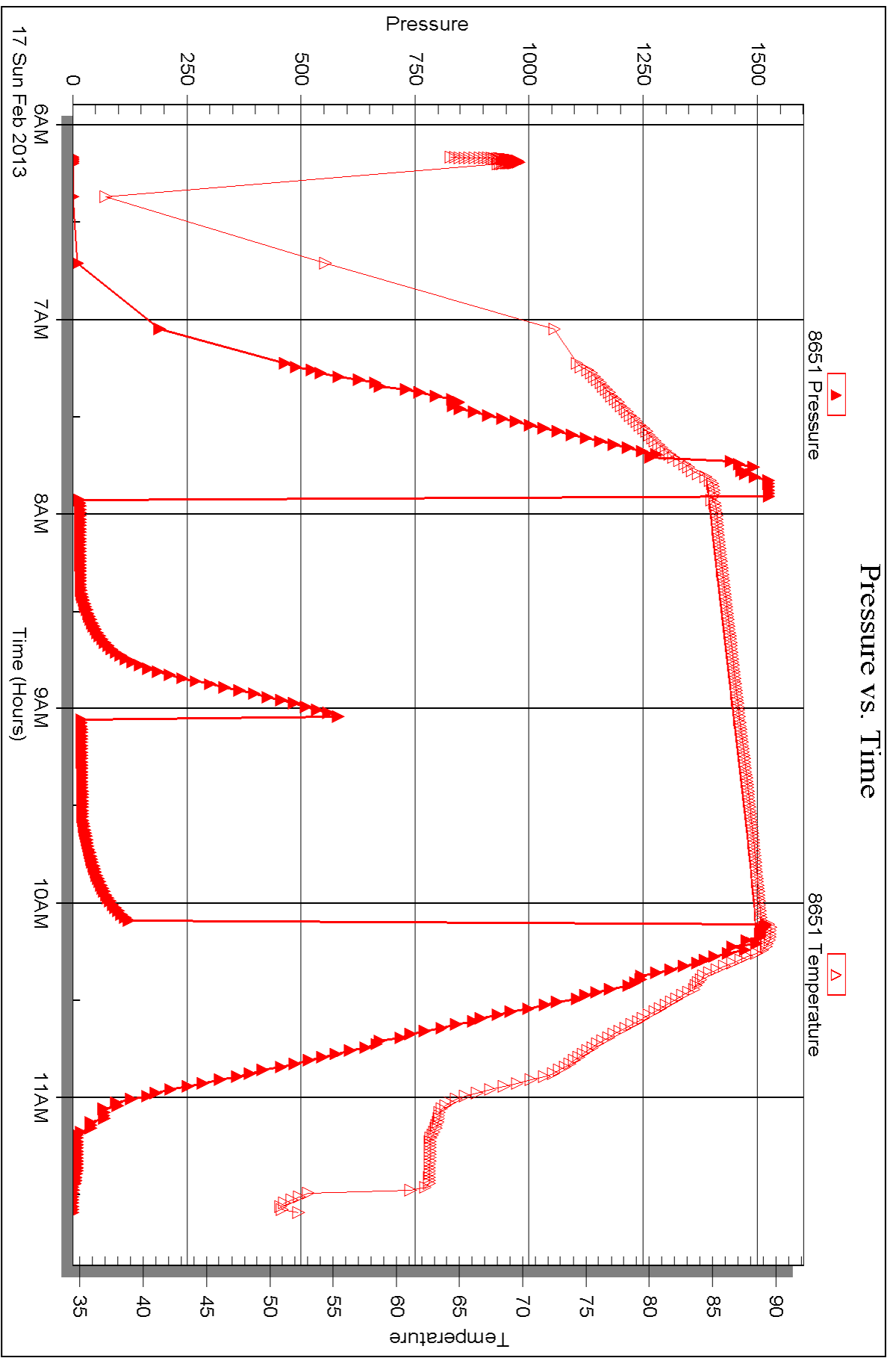


Serial #: 8651

Outside John O Farmer

Hanchet B #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Hanchet B #1

17-4s-18w Phillips,KS

Start Date: 2013.02.17 @ 17:30:00

End Date: 2013.02.17 @ 22:40:30

Job Ticket #: 48048 DST #: 3

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

Printed: 2013.02.27 @ 12:16:01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48048

DST#: 3

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 17:30:00

GENERAL INFORMATION:

Formation: **LKC-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:01:00

Time Test Ended: 22:40:30

Test Type: Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 61

Interval: 3195.00 ft (KB) To 3222.00 ft (KB) (TVD)

Reference Elevations: 1894.00 ft (KB)

Total Depth: 3195.00 ft (KB) (TVD)

1886.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 44.17 psig @ 3198.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.17

End Date: 2013.02.17

Last Calib.: 2013.02.17

Start Time: 17:30:01

End Time: 22:40:30

Time On Btm: 2013.02.17 @ 18:53:30

Time Off Btm: 2013.02.17 @ 21:03:30

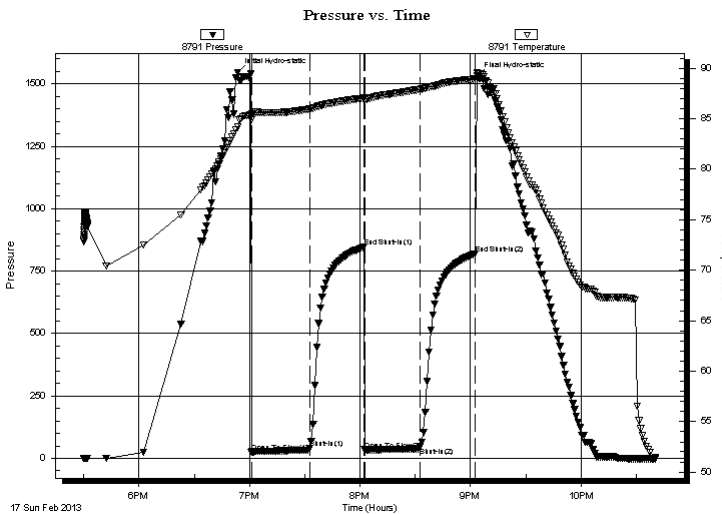
TEST COMMENT: IF: Slid 10 ft. to bottom. w eak blow dead in 30 mins.

IS: No blow back

FF: No blow

FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1546.23	84.16	Initial Hydro-static
8	24.99	84.90	Open To Flow (1)
39	40.77	85.96	Shut-In(1)
69	846.34	87.07	End Shut-In(1)
69	33.93	86.86	Open To Flow (2)
99	44.17	87.91	Shut-In(2)
129	819.75	88.95	End Shut-In(2)
130	1531.34	89.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud w ith oil specs	0.30

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48048

DST#: 3

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 17:30:00

Tool Information

Drill Pipe:	Length: 3065.00 ft	Diameter: 3.80 inches	Volume: 42.99 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: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.58 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3195.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 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			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	20.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Stubb	1.00			3196.00	
Perforations	2.00			3198.00	
Recorder	0.00	8791	Inside	3198.00	
Recorder	0.00	8651	Outside	3198.00	
Perforations	21.00			3219.00	
Bullnose	3.00			3222.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48048

DST#: 3

ATTN: Austin Klaus

Test Start: 2013.02.17 @ 17:30:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud w ith oil specs	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

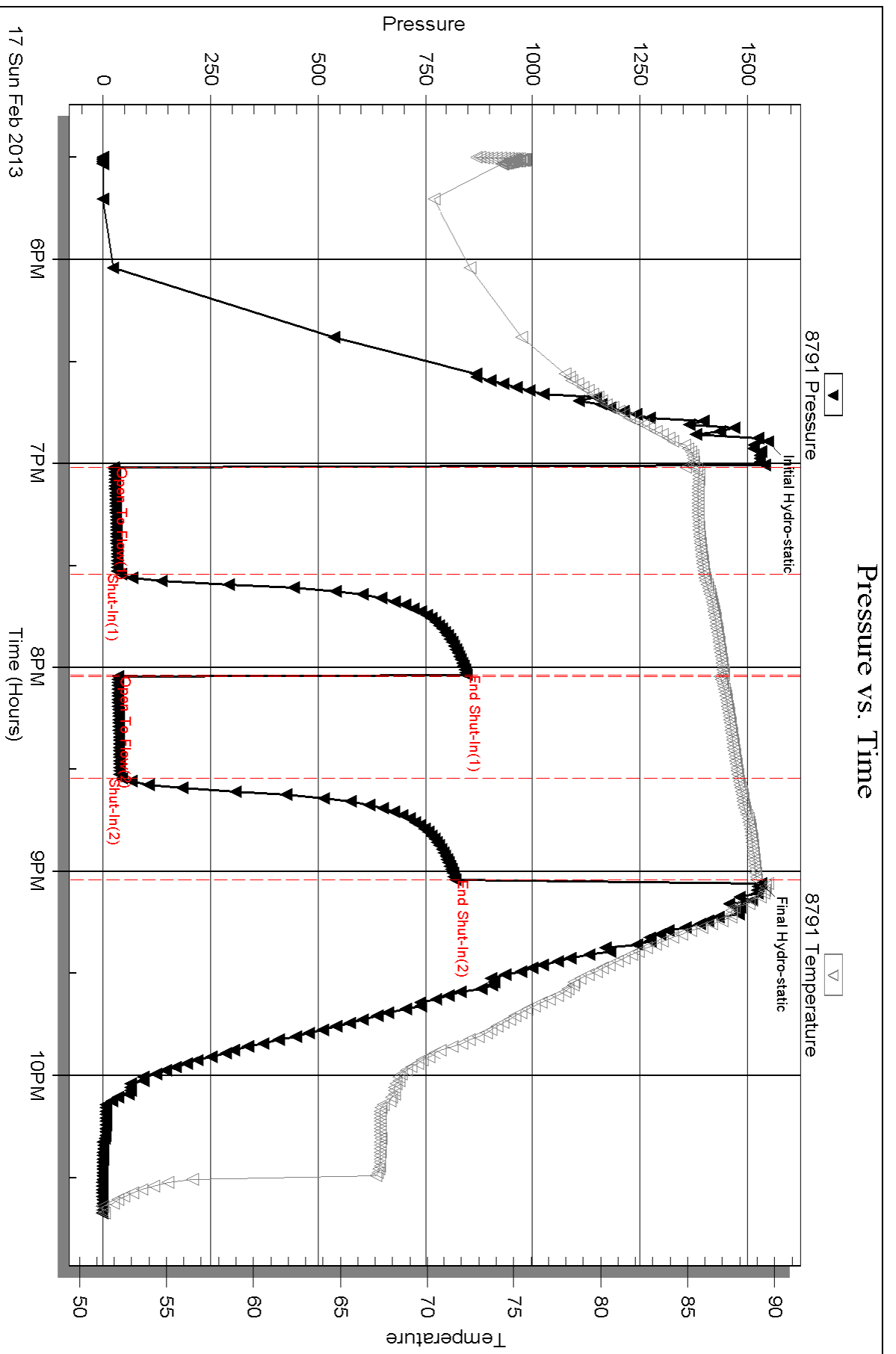
Serial #: 8791

Inside

John O Farmer

Hanchet B #1

DST Test Number: 3

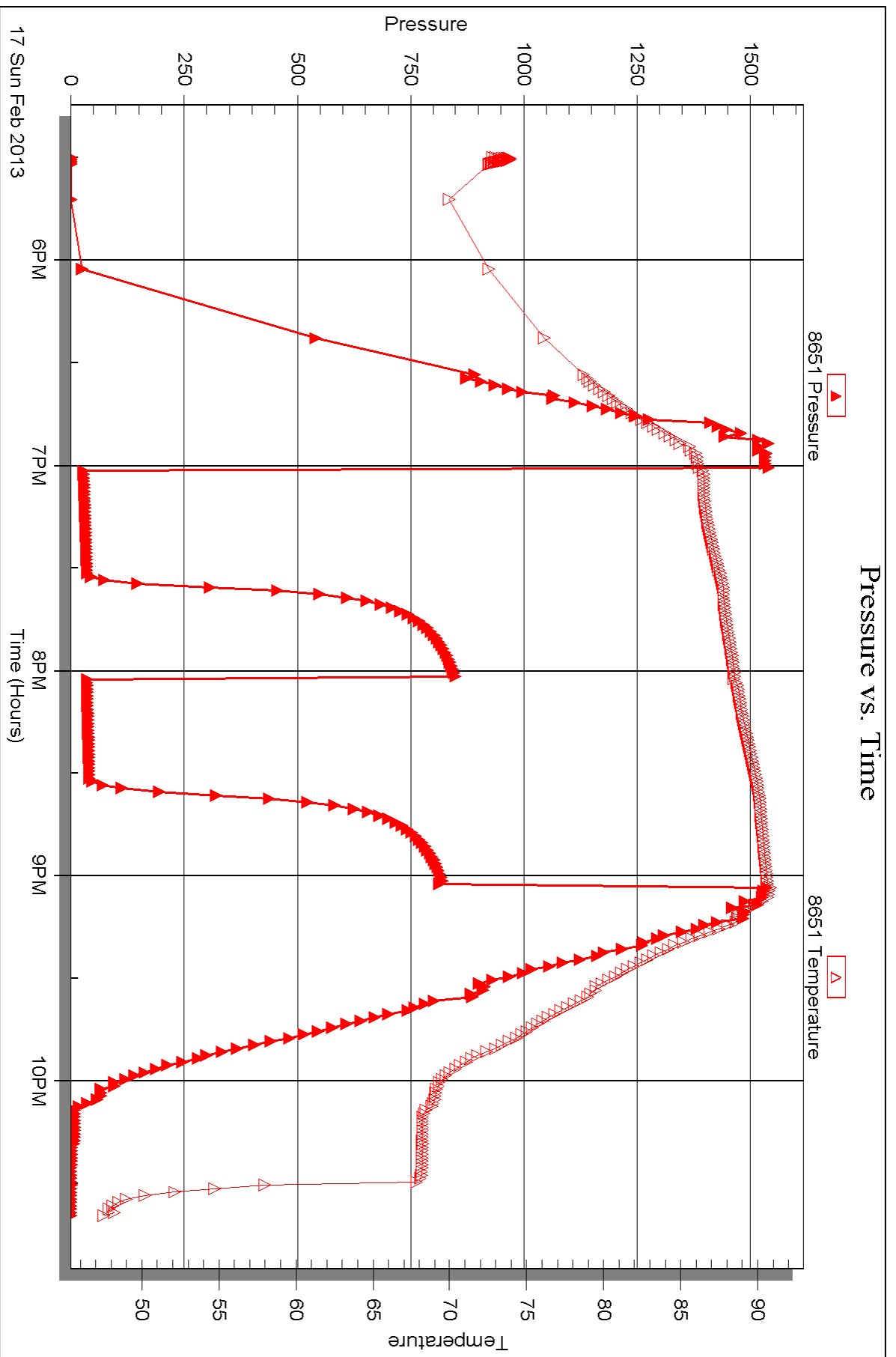


Serial #: 8651

Outside John O Farmer

Hanchet B #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 352
Russell KS 67665

ATTN: Austin Klaus

Hanchet B #1

17-4s-18w Phillips,KS

Start Date: 2013.02.18 @ 10:00:00

End Date: 2013.02.18 @ 15:26:30

Job Ticket #: 48049 DST #: 4

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

Printed: 2013.02.27 @ 12:14:42

John O Farmer
17-4s-18w Phillips,KS
Hanchet B #1
DST # 4
LKC-IL
2013.02.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48049

DST#: 4

ATTN: Austin Klaus

Test Start: 2013.02.18 @ 10:00:00

GENERAL INFORMATION:

Formation: **LKC-I,L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:35:00

Time Test Ended: 15:26:30

Test Type: Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 61

Interval: 3234.00 ft (KB) To 3326.00 ft (KB) (TVD)

Reference Elevations: 1894.00 ft (KB)

Total Depth: 3326.00 ft (KB) (TVD)

1886.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8791

Inside

Press @ RunDepth: 50.43 psig @ 3238.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.18

End Date:

2013.02.18

Last Calib.:

2013.02.18

Start Time: 10:00:01

End Time:

15:26:30

Time On Btm:

2013.02.18 @ 11:30:30

Time Off Btm:

2013.02.18 @ 13:44:30

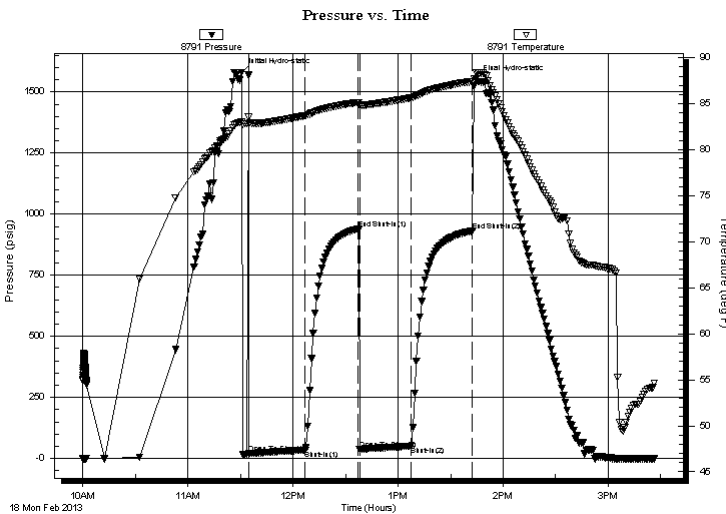
TEST COMMENT: IF: Weak blow, Died in 20 mins.

IS: No blow back

FF: No blow

FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.56	83.02	Initial Hydro-static
5	19.41	82.86	Open To Flow (1)
37	34.78	83.70	Shut-In(1)
67	940.15	85.14	End Shut-In(1)
68	37.69	84.86	Open To Flow (2)
97	50.43	85.64	Shut-In(2)
132	931.62	87.42	End Shut-In(2)
134	1551.99	88.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud-100%m	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48049

DST#: 4

ATTN: Austin Klaus

Test Start: 2013.02.18 @ 10:00:00

Tool Information

Drill Pipe:	Length: 3116.00 ft	Diameter: 3.80 inches	Volume: 43.71 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: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.30 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3234.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	112.00 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			3219.00	
Hydraulic tool	5.00			3224.00	
Packer	5.00			3229.00	20.00 Bottom Of Top Packer
Packer	5.00			3234.00	
Stubb	1.00			3235.00	
Perforations	2.00			3237.00	
Change Over Sub	1.00			3238.00	
Recorder	0.00	8791	Inside	3238.00	
Recorder	0.00	8651	Outside	3238.00	
Blank Spacing	62.00			3300.00	
Change Over Sub	1.00			3301.00	
Perforations	22.00			3323.00	
Bullnose	3.00			3326.00	92.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

17-4s-18w Phillips,KS

PO Box 352
Russell KS 67665

Hanchet B #1

Job Ticket: 48049

DST#: 4

ATTN: Austin Klaus

Test Start: 2013.02.18 @ 10:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud-100%m	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

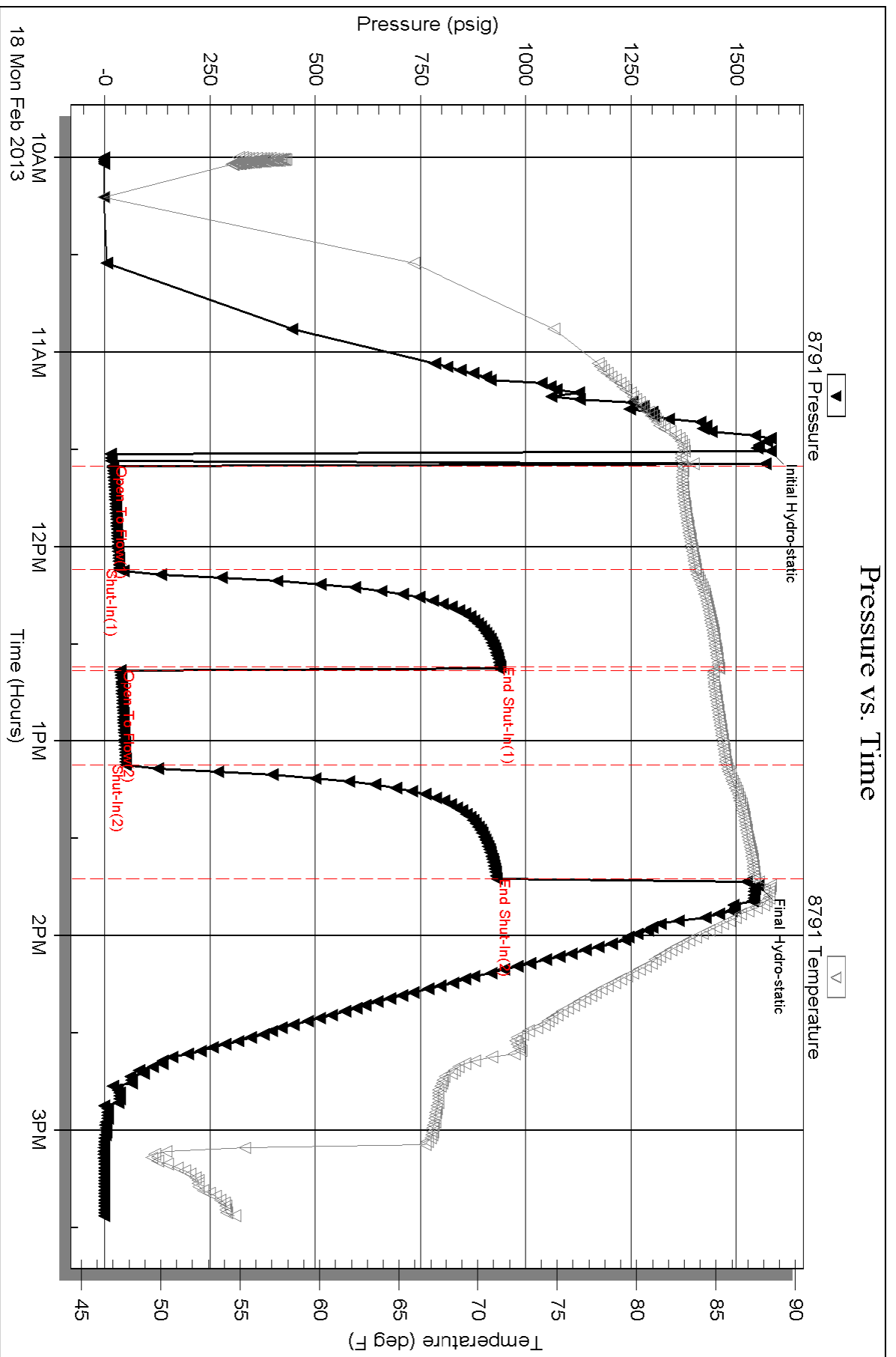
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



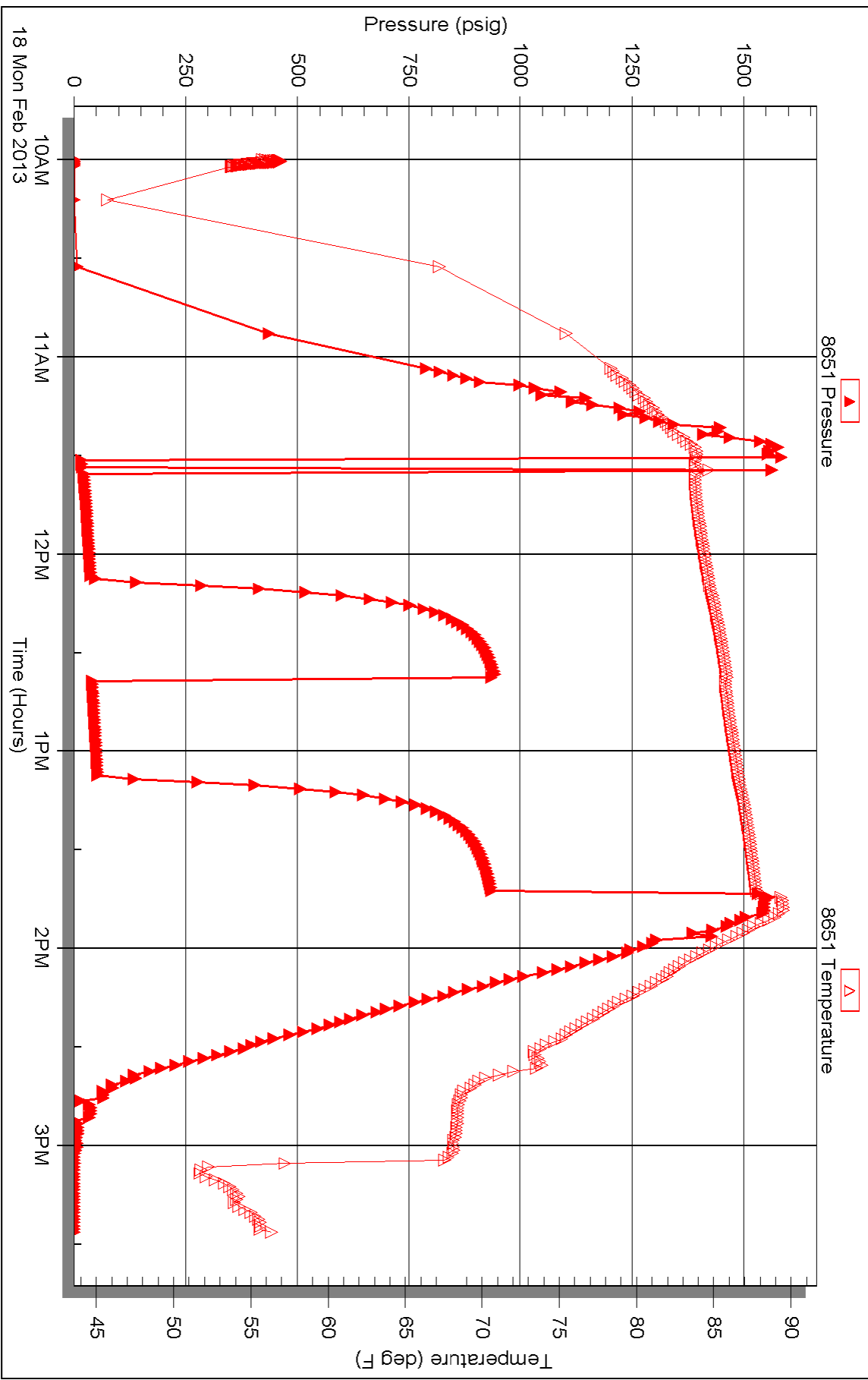
Serial #: 8651

Outside John O Farmer

Hanchet B #1

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48046

Well Name & No. Hanchett B #1 Test No. 1 Date 2-16-2013
 Company John-D - Farmer Elevation 1894 KB 1886 GL
 Address 370 W. Wichita Ave P.O. Box 352 Russell Ks. 67665
 Co. Rep / Geo. Austin Klaus Rig WW#12
 Location: Sec. 17 Twp. 4S Rge. 18W Co. Phillips State Ks.

Interval Tested 3091 3155 Zone Tested LKC
 Anchor Length 54 Drill Pipe Run ~~2971~~ 2971 Mud Wt. 8.6
 Top Packer Depth 3085 Drill Collars Run 120 Vis 55
 Bottom Packer Depth 3091 Wt. Pipe Run 0- WL 7.6
 Total Depth 3155 Chlorides 400 ppm System LCM 2#

Blow Description IF: Weak blow, Built to 4in. over 30mins.

ISI: No blow back

FF: Weak blow, Built to 5 in. over 60mins.

FSI: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>212</u>	<u>water</u>			<u>100</u>	

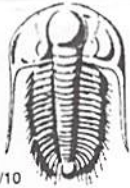
Rec Total 212 BHT 84 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1511 Test 1150 T-On Location 14:30
 (B) First Initial Flow 32 Jars _____ T-Started 17:00
 (C) First Final Flow 99 Safety Joint _____ T-Open 18:26
 (D) Initial Shut-In 547 Circ Sub _____ T-Pulled 21:20
 (E) Second Initial Flow 101 Hourly Standby _____ T-Out 23:05
 (F) Second Final Flow 134 Mileage 70x2 = 140x1.55 ²¹⁷ Comments Had a long short trip
 (G) Final Shut-In 507 Sampler _____
 (H) Final Hydrostatic 1503 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 60 Day Standby _____ Total 1367
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1367

Approved By _____ Our Representative Chuck [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. 48047

Well Name & No. Hanchett B #1 Test No. 2 Date 2-17-2013
 Company John Farmer Elevation 1894 KB 1886 GL _____
 Address 370. W. Wichita Ave P.O. Box 352 Russell Ks. 67665
 Co. Rep / Geo. Austin Klaus Rig WW#12
 Location: Sec. 17 Twp. 4S Rge. 18W Co. Phillips State Ks.

Interval Tested 3163 3198 Zone Tested LRC - D.F
 Anchor Length _____ 35 Drill Pipe Run _____ Mud Wt. 8.6
 Top Packer Depth _____ 3158 Drill Collars Run 120 Vis 55
 Bottom Packer Depth _____ 3163 Wt. Pipe Run - 0- WL 7.6
 Total Depth _____ 3198 Chlorides 400 ppm System LCM 24

Blow Description IF: Weak blow, Dead in 15 mins.
ISF: No blow back
FF: No blow
FST: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud with oil specs</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 84 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ <u>1548</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location _____ <u>5:00</u>
(B) First Initial Flow _____ <u>12</u>	<input type="checkbox"/> Jars _____	T-Started _____ <u>6:10</u>
(C) First Final Flow _____ <u>16</u>	<input type="checkbox"/> Safety Joint _____	T-Open _____ <u>7:55</u>
(D) Initial Shut-In _____ <u>587</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled _____ <u>10:00</u>
(E) Second Initial Flow _____ <u>16</u>	<input type="checkbox"/> Hourly Standby _____	T-Out _____ <u>11:35</u>
(F) Second Final Flow _____ <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>70 x 2 = 140 @ 1.55</u> 217	Comments _____
(G) Final Shut-In _____ <u>115</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic _____ <u>155</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open _____ <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In _____ <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow _____ <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In _____ <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1367</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1367</u>	

Approved By _____ Our Representative Chuck [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. 48048

Well Name & No. Hanchett B#1 Test No. 3 Date 2-17-2013
 Company John Farmer Elevation 1894 KB 1886 GL _____
 Address 370 W. Wichita Ave P.O. Box 352 Russell KS. 67665
 Co. Rep / Geo. Austin Klaus Rig NW#12
 Location: Sec. 17 Twp. 4S Rge. 18W Co. Phillips State KS

Interval Tested 3195 3222 Zone Tested CLC - G
 Anchor Length _____ 27 Drill Pipe Run 3065 Mud Wt. 8.6
 Top Packer Depth _____ 3190 Drill Collars Run 120 Vis 55
 Bottom Packer Depth _____ 3195 Wt. Pipe Run 0 WL 7.6
 Total Depth _____ 3222 Chlorides 400 ppm System LCM Q#

Blow Description IF: sled 10 ft to bottom, weak blow .. Dead in 30 min.
ISE: No blow back
FF: No blow
FSE: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>mud with oil specs</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total 62 BHT 87.9 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1546 Test 1150 T-On Location 17:20
 (B) First Initial Flow 25 Jars _____ T-Started 17:30
 (C) First Final Flow 41 Safety Joint _____ T-Open 19:00
 (D) Initial Shut-In 846 Circ Sub _____ T-Pulled 21:00
 (E) Second Initial Flow 34 Hourly Standby _____ T-Out 22:40
 (F) Second Final Flow 44 Mileage 20x2 = 140 x 1.55 = 217 Comments _____
 (G) Final Shut-In 820 Sampler _____
 (H) Final Hydrostatic 1531 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1367 Sub Total 1367
 Total 1367 MP/DST Disc't _____

Approved By _____ Our Representative Chuck Hayes
 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.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 8519

Date	Sec.	Twp.	Range	County	State	On Location	Finish
21313	17	4	18	Phillips	KS		5:00pm

Lease Hanklett Well No. 1 Location Speed 2 E to 3000 1/2 x 1/2 E Hanklett

Contractor 1. 1. 12 Owner To Quality Oilwell Cementing, Inc.
 Type Job Surface You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 12 1/4 T.D. 219 Charge To J.O. Farmer

Csg. 8 3/8 Depth 218 Street _____

Tbg. Size _____ Depth _____ City _____ State _____

Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 15 Shoe Joint _____ Cement Amount Ordered 1500 lbs. 3000 lbs. 200 lbs.

Meas Line _____ Displace 1384

EQUIPMENT

Pumptrk	No.	Cementor	Common
9		Helper	

Bulktrk	No.	Driver	Poz. Mix
		Driver	

Bulktrk	No.	Driver	Gel.
8		Driver	

Bulktrk	No.	Driver	Calcium
		Driver	

JOB SERVICES & REMARKS

Remarks: _____ Hulls _____

Rat Hole _____ Salt _____

Mouse Hole _____ Flowseal _____

Centralizers _____ Kol-Seal _____

Baskets _____ Mud CLR 48 _____

D/V or Port Collar _____ CFL-117 or CD110 CAF 38 _____

_____ Sand _____

_____ Handling _____

_____ Mileage _____

FLOAT EQUIPMENT

_____ Guide Shoe _____

_____ Centralizer _____

_____ Baskets _____

_____ AFU Inserts _____

_____ Float Shoe _____

_____ Latch Down _____

_____ Pumptrk Charge _____

_____ Mileage _____

Tax
Discount
Total Charge

Signature _____

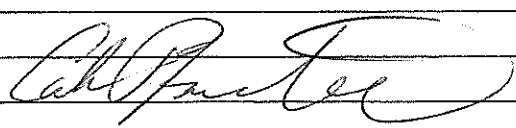
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6386

Date	2-19-13	Sec.	17	Twp.	4	Range	18	County	phillips	State	KS	On Location	Finish	11:15 AM							
Location													Speed 2 E to 300 1/2 N 1/2 E n a 2								
Lease				Hanchett				Well No.		B #1		Owner									
Contractor				ww Drilling #12				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.													
Type Job				plug				Charge To													
Hole Size				7 7/8				T.D.		3390						John O Farmer					
Csg.								Depth		Street						370 W Wichita Ave.					
Tbg. Size				4 1/2 DP				Depth		1460				City		Russell		State		KS	
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered								205 60/40 4% gel 1/4 #f10			
Meas Line								Displace		H2O - mud											
EQUIPMENT													Common			23					
Pumptrk		16		No.		Cementer		Travis		Helper		Poz. Mix		82							
Bulktrk		14		No.		Driver		Billy		Driver		Gel.		7							
Bulktrk		PU		No.		Driver		Rick		Driver		Calcium									
JOB SERVICES & REMARKS													Hulls								
Remarks:								Salt													
Rat Hole								Flowseal		50#											
Mouse Hole								Kol-Seal													
Centralizers								Mud CLR 48													
Baskets								CFL-117 or CD110 CAF 38													
D/V or Port Collar								Sand													
25 sx at 1460								Handling		212											
100 sx at 840								Mileage													
40 sx at 270								FLOAT EQUIPMENT													
10 sx at 40 with plug								Guide Shoe													
Rcthole 30 sx								Centralizer													
Cement did circulate								Baskets													
								AFU Inserts													
								Float Shoe													
								Latch Down													
								dry hole plug													
								Pumptrk Charge		plug											
								Mileage		63											
													Tax								
													Discount								
													Total Charge								
X Signature																					

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

June 05, 2013

Marge Schulte
Farmer, John O., Inc.
370 W WICHITA AVE
PO BOX 352
RUSSELL, KS 67665-2635

Re: ACO1
API 15-147-20706-00-00
Hanchett B 1
SW/4 Sec.17-04S-18W
Phillips 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,
Marge Schulte