



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076824
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: _____

1076824

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **H&C Oil Operating, Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Marc Downing

Baughman #36-1

36-6s-24w Graham,KS

Start Date: 2012.02.22 @ 21:03:00

End Date: 2012.02.23 @ 04:48:30

Job Ticket #: 042978 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.28 @ 15:24:01

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

Baughman #36-1

DST # 1

LKC "E - F"

2012.02.22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042978

DST#: 1

ATTN: Marc Downing

Test Start: 2012.02.22 @ 21:03:00

GENERAL INFORMATION:

Formation: **LKC "E - F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:11:30

Time Test Ended: 04:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: 3762.00 ft (KB) To 3786.00 ft (KB) (TVD)

Reference Elevations: 2447.00 ft (KB)

Total Depth: 3786.00 ft (KB) (TVD)

2442.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 457.37 psig @ 3763.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.22

End Date:

2012.02.23

Last Calib.:

2012.02.23

Start Time:

21:03:05

End Time:

04:48:29

Time On Btm:

2012.02.22 @ 23:08:00

Time Off Btm:

2012.02.23 @ 02:03:30

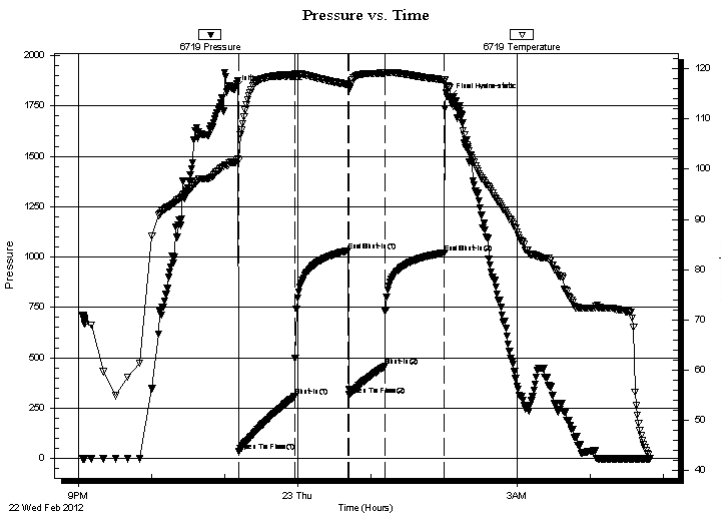
TEST COMMENT: 45 - IF: Blow built to BOB (11") in 5 1/2 min.

45 - IS: Bled off, No blow back

30 - FF: Blow built to BOB in 7 min.

45 - FS: Bled off, No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.33	101.37	Initial Hydro-static
4	35.12	101.83	Open To Flow (1)
49	308.39	118.90	Shut-In(1)
93	1031.81	116.89	End Shut-In(1)
94	316.39	116.22	Open To Flow (2)
123	457.37	119.16	Shut-In(2)
172	1020.88	117.79	End Shut-In(2)
176	1792.71	116.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
810.00	MCW 89%w, 11%m	11.36
155.00	MCW 66%w, 34%m	2.17

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&C Oil Operating, Inc.

36-6s-24w Graham, KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042978

DST#: 1

ATTN: Marc Downing

Test Start: 2012.02.22 @ 21:03:00

GENERAL INFORMATION:

Formation: **LKC "E - F"**

Deviated: No Whipstock: ft (KB)

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Time Test Ended: 04:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: 3762.00 ft (KB) To 3786.00 ft (KB) (TVD)

Reference Elevations: 2447.00 ft (KB)

Total Depth: 3786.00 ft (KB) (TVD)

2442.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8320 Outside

Press @ Run Depth: psig @ 3763.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.22

End Date:

2012.02.23

Last Calib.:

2012.02.23

Start Time:

21:03:05

End Time:

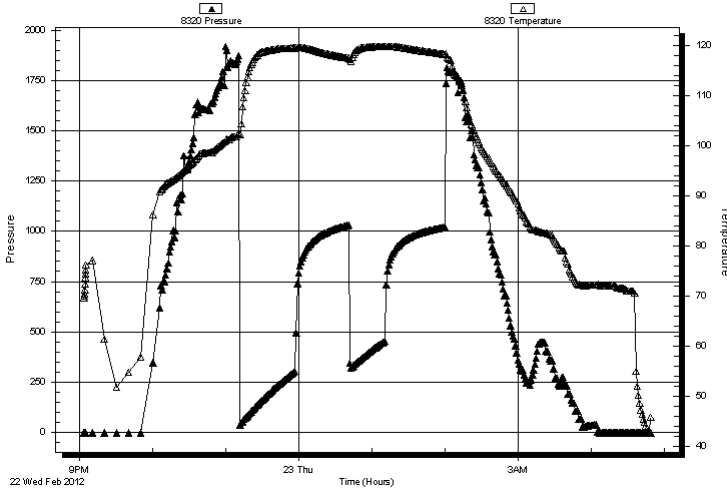
04:48:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 45 - IF: Blow built to BOB (11") in 5 1/2 min.
45 - IS: Bled off, No blow back
30 - FF: Blow built to BOB in 7 min.
45 - FS: Bled off, No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
810.00	MCW 89%w, 11%m	11.36
155.00	MCW 66%w, 34%m	2.17

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042978

DST#: 1

ATTN: Marc Downing

Test Start: 2012.02.22 @ 21:03:00

Tool Information

Drill Pipe:	Length: 3743.00 ft	Diameter: 3.80 inches	Volume: 52.50 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 52.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3762.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			3739.00	
Hydraulic tool	5.00			3744.00	
Jars	5.00			3749.00	
Safety Joint	3.00			3752.00	
Packer	5.00			3757.00	28.00 Bottom Of Top Packer
Packer	5.00			3762.00	
Stubb	1.00			3763.00	
Recorder	0.00	6719	Inside	3763.00	
Recorder	0.00	8320	Outside	3763.00	
Perforations	20.00			3783.00	
Bullnose	3.00			3786.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042978

DST#: 1

ATTN: Marc Downing

Test Start: 2012.02.22 @ 21:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

60000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
810.00	MCW 89%w , 11%m	11.362
155.00	MCW 66%w , 34%m	2.174

Total Length: 965.00 ft Total Volume: 13.536 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

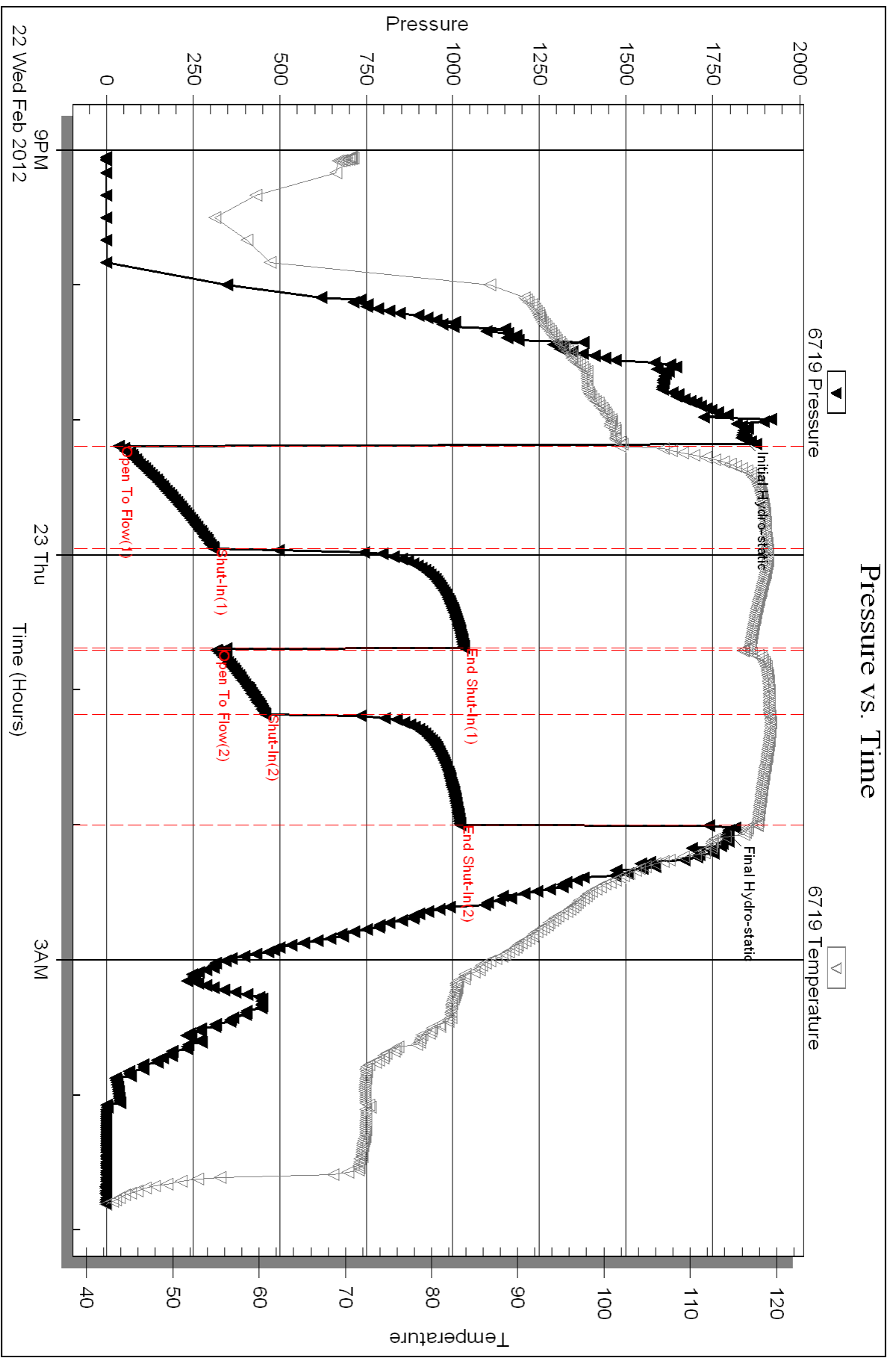
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .195 ohms @ 46.4 deg F

Chlorides = 60,000 ppm



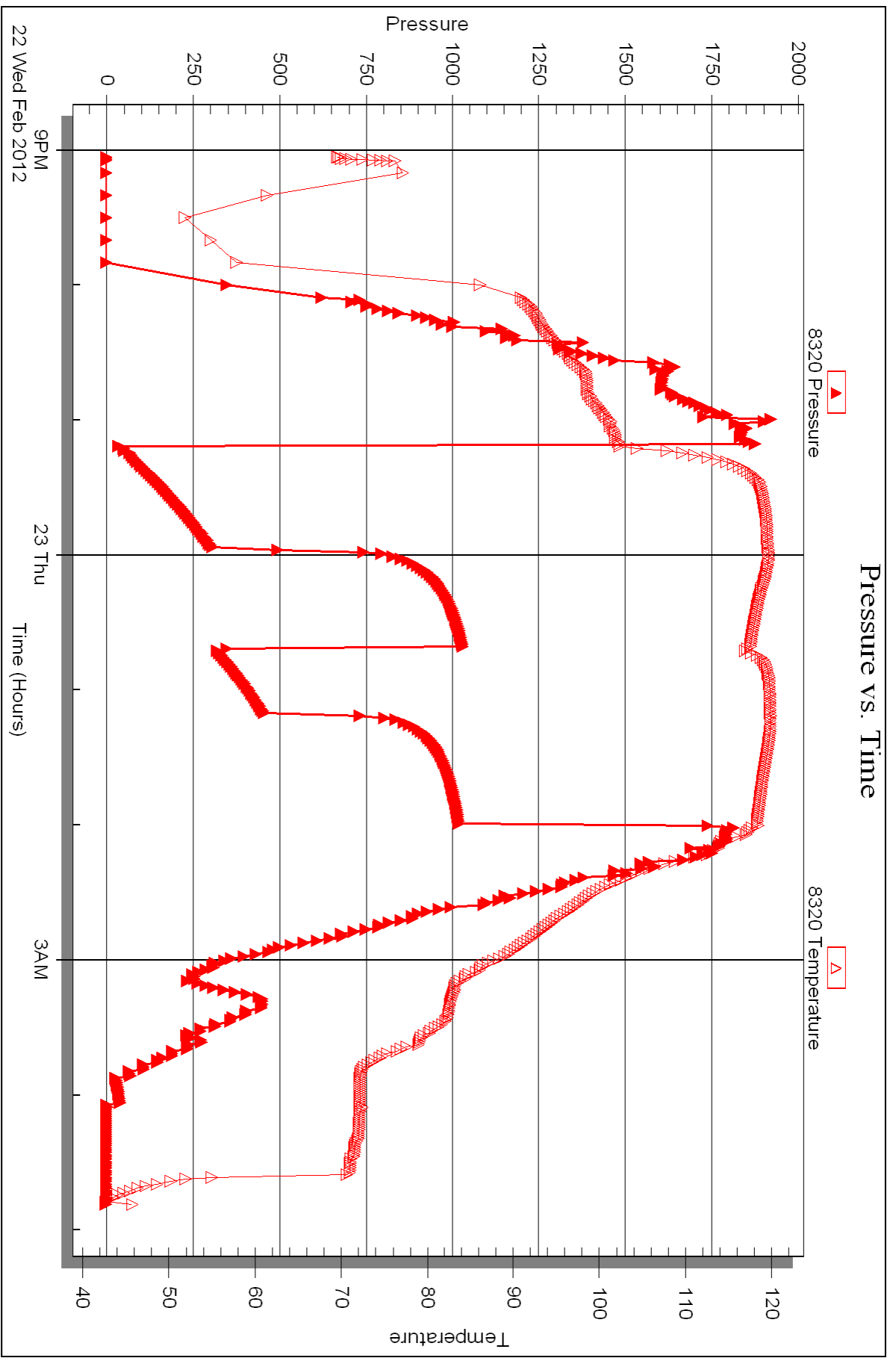
Serial #: 8320

Outside

H&C Oil Operating, Inc.

Baughman #36-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 042978

Printed: 2012.02.28 @ 15:24:03



DRILL STEM TEST REPORT

Prepared For: **H&C Oil Operating, Inc.**

PO Box 86
Plainville, KS 67663

ATTN: Marc Downing

Baughman #36-1

36-6s-24w Graham,KS

Start Date: 2012.02.23 @ 16:20:00

End Date: 2012.02.23 @ 22:39:00

Job Ticket #: 042979 DST #: 2

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

Printed: 2012.02.28 @ 15:23:28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042979

DST#: 2

ATTN: Marc Downing

Test Start: 2012.02.23 @ 16:20:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:29:00

Time Test Ended: 22:39:00

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

Interval: 3805.00 ft (KB) To 3863.00 ft (KB) (TVD)

Reference Elevations: 2447.00 ft (KB)

Total Depth: 3863.00 ft (KB) (TVD)

2442.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 18.79 psig @ 3806.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.23

End Date:

2012.02.23

Last Calib.:

2012.02.23

Start Time: 16:20:05

End Time:

22:38:59

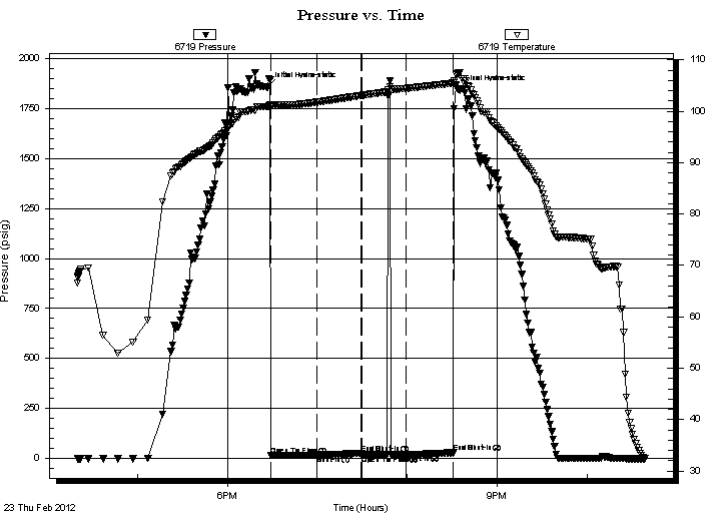
Time On Btm:

2012.02.23 @ 18:27:00

Time Off Btm:

2012.02.23 @ 20:34:00

TEST COMMENT: 30 - IF: Surface blow, dead at 16 min.
30 - IS: No blow back
30 - FF: No blow, Flushed tool at 20 min., Surge bubbles then dead
30 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.30	100.94	Initial Hydro-static
2	15.82	101.00	Open To Flow (1)
33	17.06	101.78	Shut-In(1)
62	25.76	103.06	End Shut-In(1)
63	16.79	103.10	Open To Flow (2)
92	18.79	104.46	Shut-In(2)
124	28.64	105.50	End Shut-In(2)
127	1844.78	107.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042979 **DST#: 2**

ATTN: Marc Downing

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Total Depth: 3863.00 ft (KB) (TVD)

2442.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8320 Inside

Press @ Run Depth: psig @ 3806.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.23

End Date: 2012.02.23

Last Calib.: 2012.02.23

Start Time: 16:20:05

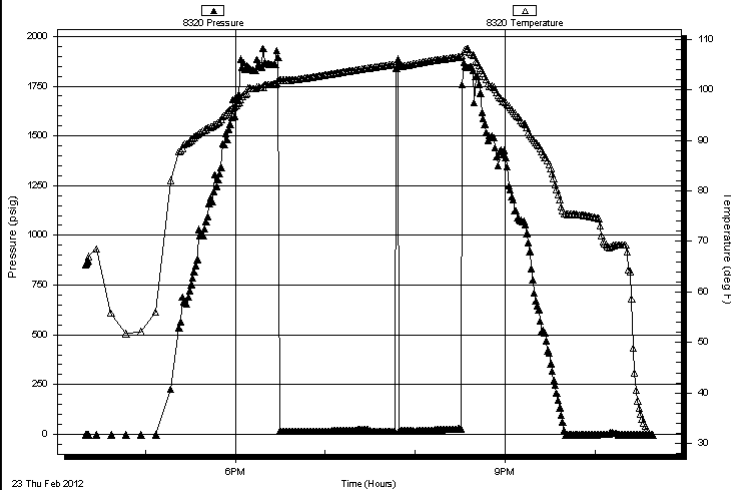
End Time: 22:38:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF: Surface blow , dead at 16 min.
30 - IS: No blow back
30 - FF: No blow , Flushed tool at 20 min., Surge bubbles then dead
30 - FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042979

DST#: 2

ATTN: Marc Downing

Test Start: 2012.02.23 @ 16:20:00

Tool Information

Drill Pipe:	Length: 3803.00 ft	Diameter: 3.80 inches	Volume: 53.35 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3805.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Worked through tight spot about 70' off bottom - Landed tool clean - No fill

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3782.00	
Hydraulic tool	5.00			3787.00	
Jars	5.00			3792.00	
Safety Joint	3.00			3795.00	
Packer	5.00			3800.00	28.00 Bottom Of Top Packer
Packer	5.00			3805.00	
Stubb	1.00			3806.00	
Recorder	0.00	6719	Inside	3806.00	
Recorder	0.00	8320	Inside	3806.00	
Perforations	2.00			3808.00	
Blank Spacing	32.00			3840.00	
Perforations	20.00			3860.00	
Bullnose	3.00			3863.00	58.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating, Inc.

36-6s-24w Graham,KS

PO Box 86
Plainville, KS 67663

Baughman #36-1

Job Ticket: 042979

DST#: 2

ATTN: Marc Downing

Test Start: 2012.02.23 @ 16:20:00

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: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	Mud 100%	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6719

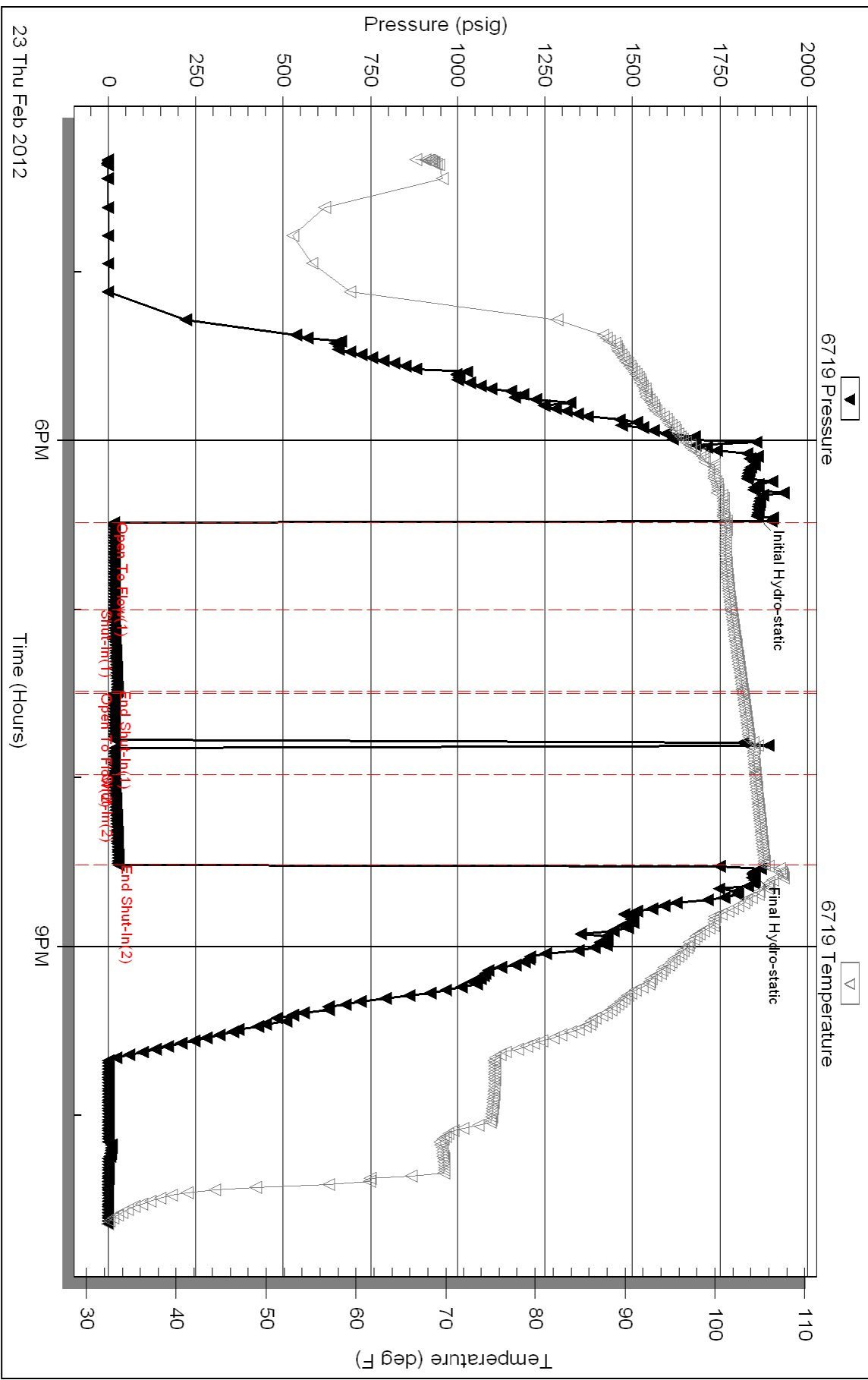
Inside

H&C Oil Operating, Inc.

Baughman #36-1

DST Test Number: 2

Pressure vs. Time



23 Thu Feb 2012

6 PM

Time (Hours)

9 PM

Triobite Testing, Inc

Ref. No: 042979

Printed: 2012.02.28 @ 15:23:30

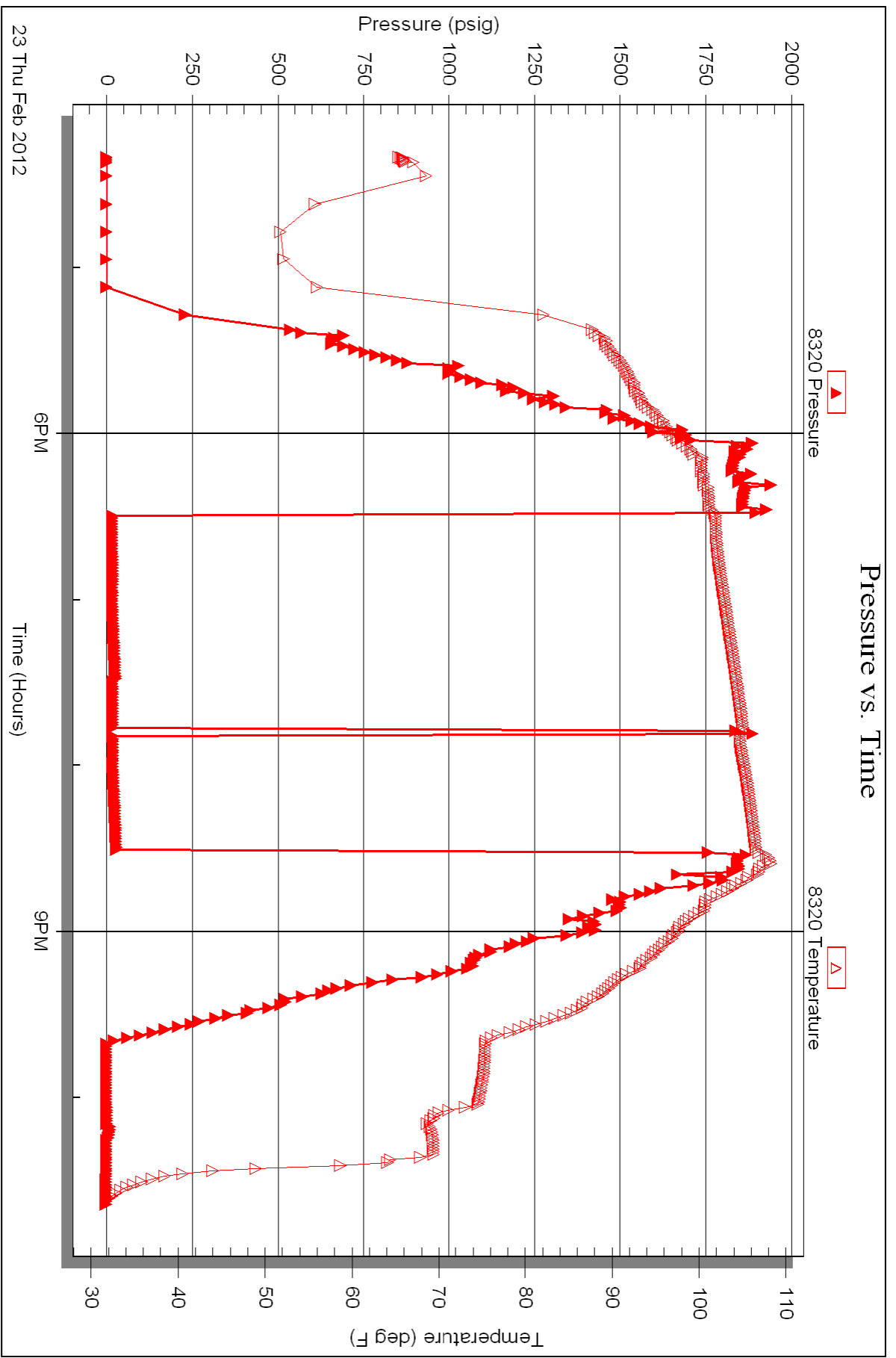
Serial #: 8320

Inside

H&C Oil Operating, Inc.

Baughman #36-1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 042979

Printed: 2012.02.28 @ 15:23:30



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042978

RECEIVED
FEB 23 2012

4/10

Well Name & No. Baughman #36-1 Test No. 1 Date 2-22-12
 Company H+C Oil Operating Inc Elevation 2447 KB 2442 GL
 Address PO Box 86 Plainville KS 67663
 Co. Rep / Geo. Marc Downing Rig American Eagle #3
 Location: Sec. 36 Twp. 6s Rge. 24w Co. Graham State KS

Interval Tested 3762 - 3786 Zone Tested LKC "E-F"
 Anchor Length 24 Drill Pipe Run 3743 Mud Wt. 9.5
 Top Packer Depth 3757 Drill Collars Run - Vis 60
 Bottom Packer Depth 3762 Wt. Pipe Run - WL 8.0
 Total Depth 3786 Chlorides 1000 ppm System LCM 1

Blow Description IF: Blow built to BOB (11") in 5 1/2 min.
ISI: Bled off, No Blowback
FF: Blow built to BOB in 7 min.
FSI: Bled off, No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>mcw</u>	<u>-</u>	<u>-</u>	<u>66</u>	<u>34</u>
<u>810</u>	<u>mcw</u>	<u>-</u>	<u>-</u>	<u>89</u>	<u>11</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 965 BHT 118 Gravity - API RW .195 @ 46.4 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 1833 Test * 1125' T-On Location 14:00/20:15
 (B) First Initial Flow 35 Jars * 250' T-Started 21:03
 (C) First Final Flow 308 Safety Joint * 75' T-Open 23:11
 (D) Initial Shut-In 1032 Circ Sub * NA T-Pulled 2:00
 (E) Second Initial Flow 316 Hourly Standby ☑ T-Out 4:40
 (F) Second Final Flow 457 Mileage 136RT + 30RT 232.40 Comments Pulling Tight on way out
 (G) Final Shut-In 1021 Sampler ☑ w/bit - went to Hill City
 (H) Final Hydrostatic 1793 Straddle ☑ till they were ready
 Shale Packer ☑ Ruined Shale Packer
 Shale Packer ☑ Ruined Packer

Initial Open 45 Extra Packer ☑ Extra Copies
 Initial Shut-In 45 Extra Recorder ☑ Sub Total ⊙
 Final Flow 30 Day Standby ☑ Total 1682.40
 Final Shut-In 45 Accessibility ☑ MP/DST Disc't
 Sub Total 1682.40

Approved By _____ Our Representative Jamar Winkler

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

RECEIVED Test Ticket
FEB 27 2012 NO. 042979

BY: _____

Well Name & No. Baughman #36-1 Test No. 2 Date 2-23-12
 Company H & C Oil Operating, Inc Elevation 2447 KB 2442 GL
 Address PO Box 86 Plainville, KS 67663
 Co. Rep / Geo. Marc Downing Rig American Eagle #3
 Location: Sec. 36 Twp. 6S Rge. 24W Co. Graham State KS

Interval Tested 3805-3863 Zone Tested LKC "H-J"
 Anchor Length 58 Drill Pipe Run 3803 Mud Wt. 9.4
 Top Packer Depth 3800 Drill Collars Run - Vis 54
 Bottom Packer Depth 3805 Wt. Pipe Run - WL 8.0
 Total Depth 3863 Chlorides 1500 ppm System LCM 1

Blow Description IF: Surface Blow, dead at 16 min.
ISI: No Blowback
FF: No Blow, Flushed Tool @ 20 min., surge bubbles, then dead
FSI: No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>100</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 2 BHT 106 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1857 Test * 1125' T-On Location 15:40
 (B) First Initial Flow 16 Jars * 250' T-Started 16:20
 (C) First Final Flow 17 Safety Joint * 75' T-Open 18:29
 (D) Initial Shut-In 26 Circ Sub * NA T-Pulled 20:31
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 22:35
 (F) Second Final Flow 19 Mileage 136 RT x 2 272 380.80 Comments Worked through
 (G) Final Shut-In 29 Sampler _____ tight spot about 70' off
 (H) Final Hydrostatic 1845 Straddle _____ Bottom - tool landed clean
 Shale Packer _____ No FI !!
 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 1830.80
 Sub Total _____
 Total 1830.80
 MP/DST Disc't _____

Approved By Marc Downing Our Representative James Winder

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.

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

March 20, 2012

Charles Ramsay
H & C Oil Operating Inc.
PO BOX 86
PLAINVILLE, KS 67663-0086

Re: ACO1
API 15-065-23805-00-00
Baughman 36-1
NE/4 Sec.36-06S-24W
Graham 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,
Charles Ramsay

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. 239

Date <u>2/25/12</u>		Sec. <u>366</u>		Twp. <u>6</u>		Range <u>24</u>		County <u>Gravham</u>		State <u>KS</u>		On Location		Finish <u>2:30 AM</u>	
Lease <u>Bearsherman</u>				Well No. <u>36-1</u>				Location <u>Hill City, 8 N, SW 1 N, W into</u>							
Contractor <u>American Eagle Rig #3</u>															
Type Job <u>PTA</u>															
Hole Size <u>7 7/8"</u>															
Csg. T.D. <u>3938'</u>															
Tbg. Size															
Tool															
Cement Left in Csg.															
Meas Line Displace															
EQUIPMENT															
Pumptrk <u>9</u>		No. <u>9</u>		Cementier <u>Paul</u>		Helper									
Bulktrk <u>14</u>		No. <u>14</u>		Driver <u>Matt</u>		Driver									
Bulktrk <u>PV</u>		No. <u>1</u>		Driver <u>F.M</u>		Driver									
JOB SERVICES & REMARKS															
Remarks:															
Rat Hole <u>30 SX</u>															
Mouse Hole															
Centralizers															
Baskets															
DV or Port Collar															
<u>25 SX - 2132'</u>															
<u>100 SX - 1292'</u>															
<u>140 SX - 312'</u>															
<u>10 SX - 140'</u>															
Float Equipment															
Guide Shoe															
Centralizer <u>4 5/8 PING</u>															
Baskets <u>Dry Hole PING</u>															
AFU Inserts															
Float Shoe															
Latch Down															
Pumptrk Charge <u>ping</u>															
Mileage <u>45</u>															
Tax															
Discount															
Total Charge															
Signature <u>Charles Buckner</u>															

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. 459

Date	8-17-82	Sec.	36	Range	22	County	Osage	State	Kansas	On Location	3:00 PM	Finish	
Lease	Bryghman			Well No.	36-1								
Contractor	American Eagle Rig 3												
Type Job	Surface												
Hole Size	12 1/4												
Csg.	8 1/2												
Tbg. Size	8 1/2												
Tool													
Cement Left in Csg.	10-15'												
Meas Line	Displace 16.361												
EQUIPMENT													
Pumptrk	5	No.	Cementer	Steve									
			Helper										
Bulktrk	14	No.	Driver	Bob									
			Driver										
Bulktrk		No.	Driver	DAVE									
			Driver										
JOB SERVICES & REMARKS													
Remarks:													
Rat Hole													
Mouse Hole													
Centralizers													
Baskets													
DV or Port Collar													
	Cement and Circulate												
	Sand												
	Handling 169												
	Mileage												
	FLOAT EQUIPMENT												
	Guide Shoe												
	Centralizer												
	Baskets												
	AFU Inserts												
	Float Shoe												
	Latch Down												
	SAGE												
	Pumptrk Charge Surface												
	Mileage 45												
	Tax												
	Discount												
	Total Charge												
Signature <i>David Paul Butler</i>													

