



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1080775
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: _____

1080775

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	H & C Oil Operating Inc.
Well Name	Buss Farms 26-1
Doc ID	1080775

Tops

Name	Top	Datum
Top Anhydrite	1704	+462
Base Anhydrite	1737	+429
Topeka	3155	-989
Heebner	3369	-1203
Toronto	3392	-1226
LKC	3409	-1243
BKC	3614	-1448
Marmaton	3674	-1508
Arbuckle	3759	-1593



DRILL STEM TEST REPORT

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

PO Box 86
Plainville KS 67663

ATTN: Charles R Ramsay

Buss Farms #26-1

26-8s-22w Graham,KS

Start Date: 2012.04.16 @ 07:23:24

End Date: 2012.04.16 @ 14:04:24

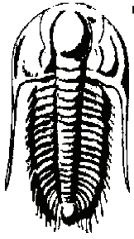
Job Ticket #: 44825 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.27 @ 15:38:01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44825

DST#: 1

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 07:23:24

GENERAL INFORMATION:

Formation: **LKC-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:03:24

Time Test Ended: 14:04:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: 3399.00 ft (KB) To 3435.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3435.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 76.63 psig @ 3403.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.16

End Date:

2012.04.16

Last Calib.:

2012.04.16

Start Time: 07:23:25

End Time:

14:03:24

Time On Btm:

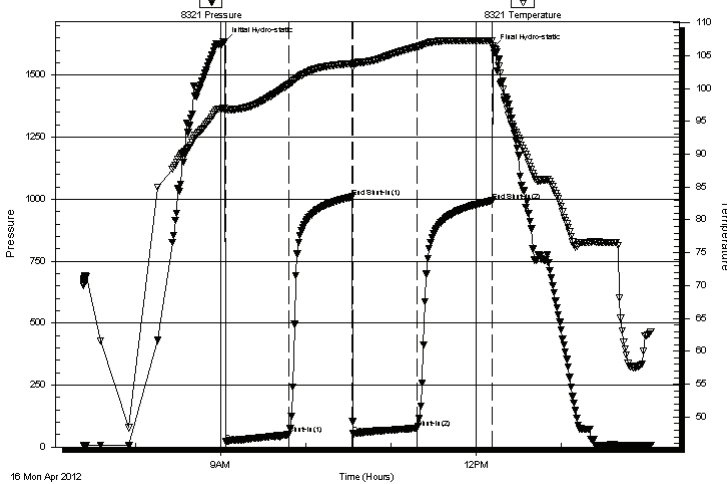
2012.04.16 @ 09:02:54

Time Off Btm:

2012.04.16 @ 12:11:54

TEST COMMENT: IFP-Fair blow built to 8 1/2 in
ISI-Dead no blow back
FFP-Fair blow built to 7 in
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

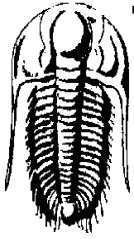
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.51	96.97	Initial Hydro-static
1	21.33	96.70	Open To Flow (1)
45	51.88	100.58	Shut-In(1)
90	1009.15	103.73	End Shut-In(1)
91	53.90	103.74	Open To Flow (2)
136	76.63	106.33	Shut-In(2)
188	992.85	107.20	End Shut-In(2)
189	1608.95	106.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW with oil spots 30%M 70%W	0.88
63.00	WM with a scum of oil 40%W 60%M	0.88
15.00	Oil	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44825

DST#: 1

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 07:23:24

Tool Information

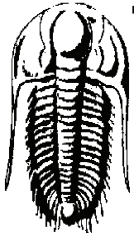
Drill Pipe:	Length: 3401.00 ft	Diameter: 3.80 inches	Volume: 47.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 47.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3399.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	56.00 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			3380.00	
Shut In Tool	5.00			3385.00	
Hydraulic tool	5.00			3390.00	
Packer	4.00			3394.00	20.00 Bottom Of Top Packer
Packer	5.00			3399.00	
Stubb	1.00			3400.00	
Perforations	3.00			3403.00	
Recorder	0.00	8321	Inside	3403.00	
Recorder	0.00	8737	Outside	3403.00	
Perforations	29.00			3432.00	
Bullnose	3.00			3435.00	36.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44825

DST#: 1

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 07:23:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MW w ith oil spots 30%M 70%W	0.884
63.00	WM w ith a scum of oil 40%W 60%M	0.884
15.00	Oil	0.210

Total Length: 141.00 ft

Total Volume: 1.978 bbl

Num Fluid Samples: 0

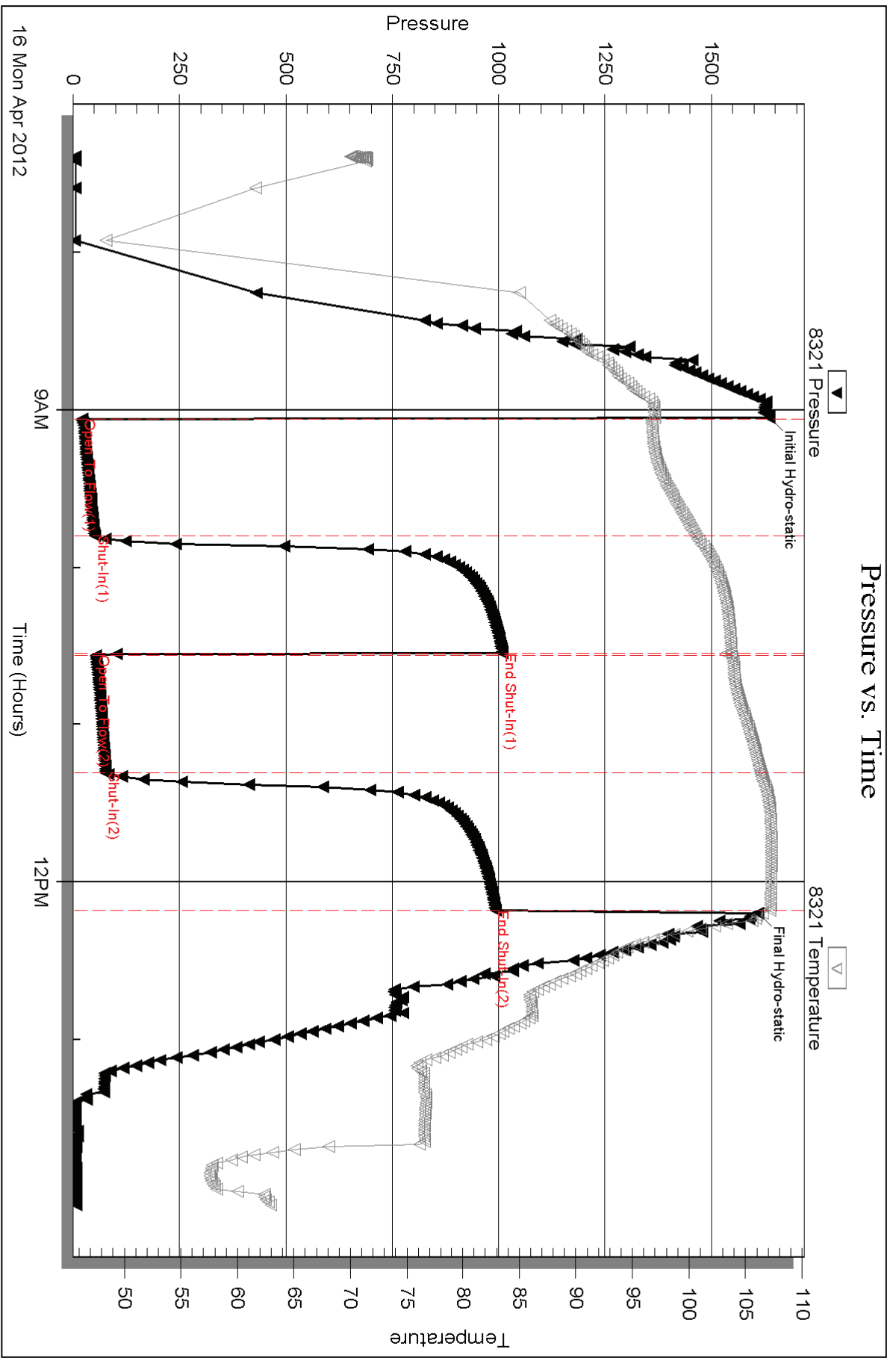
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

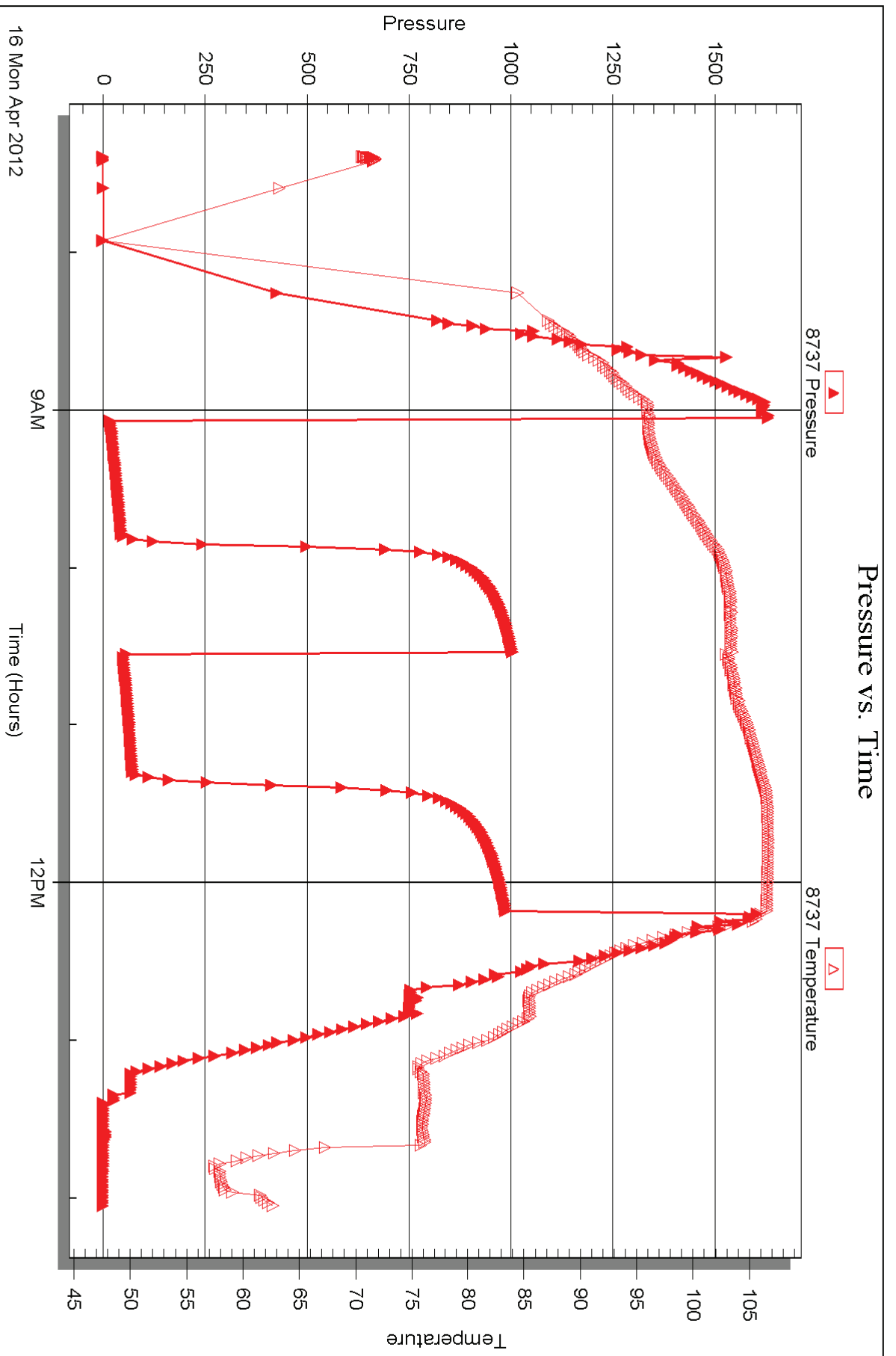


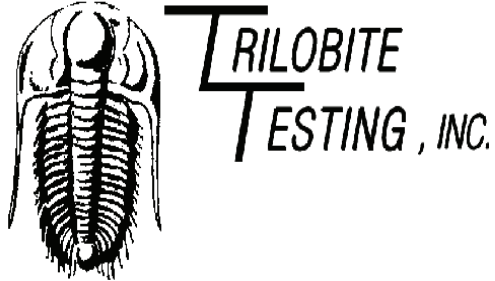
Serial #: 8737

Outside H&C Oil Operating Inc

Buss Farms #26-1

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 86
Plainville KS 67663

ATTN: Charles R Ramsay

Buss Farms #26-1

26-8s-22w Graham,KS

Start Date: 2012.04.16 @ 20:39:13

End Date: 2012.04.17 @ 02:44:13

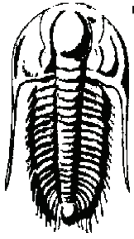
Job Ticket #: 44776 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.27 @ 15:37:10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44776

DST#: 2

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 20:39:13

GENERAL INFORMATION:

Formation: **LKC - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:59:13

Time Test Ended: 02:44:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 3432.00 ft (KB) To 3456.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 28.13 psig @ 3433.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.16

End Date:

2012.04.17

Last Calib.:

2012.04.17

Start Time:

20:39:14

End Time:

02:43:13

Time On Btm:

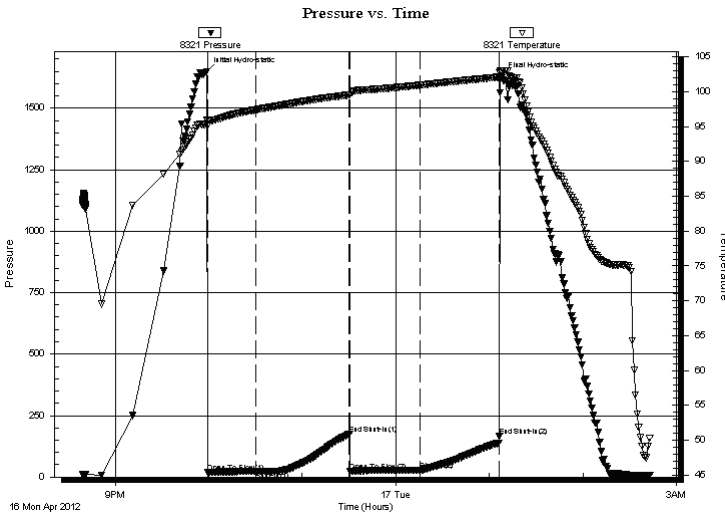
2012.04.16 @ 21:58:43

Time Off Btm:

2012.04.17 @ 01:07:13

TEST COMMENT: IFP-Weak blow built to 3 1/4 in
ISI-Dead no blow back
FFP-Weak blow built to 2 1/2 in
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1649.63	95.97	Initial Hydro-static
1	18.23	95.18	Open To Flow (1)
32	23.84	97.43	Shut-In(1)
92	173.57	99.55	End Shut-In(1)
92	23.90	99.62	Open To Flow (2)
137	28.13	100.97	Shut-In(2)
188	165.16	102.13	End Shut-In(2)
189	1627.98	102.95	Final Hydro-static

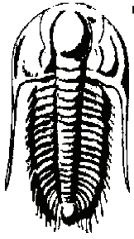
Recovery

Length (ft)	Description	Volume (bbl)
22.00	HOCM 35%O 65%M	0.31
5.00	Oil	0.07

* 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

26-8s-22w Graham, KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44776

DST#: 2

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 20:39:13

GENERAL INFORMATION:

Formation: **LKC - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:59:13

Time Test Ended: 02:44:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 3432.00 ft (KB) To 3456.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8737 **Outside**

Press@RunDepth: psig @ 3433.00 ft (KB)

Start Date: 2012.04.16

End Date:

2012.04.17

Capacity: 8000.00 psig

Last Calib.:

2012.04.17

Start Time: 20:39:14

End Time:

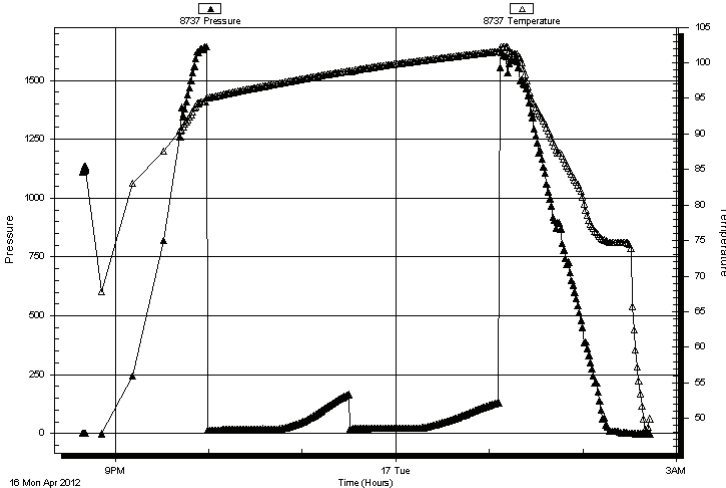
02:43:13

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP-Weak blow built to 3 1/4 in
ISI-Dead no blow back
FFP-Weak blow built to 2 1/2 in
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

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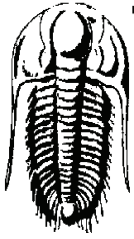
Recovery

Length (ft)	Description	Volume (bbl)
22.00	HOCM 35%O 65%M	0.31
5.00	Oil	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44776

DST#: 2

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 20:39:13

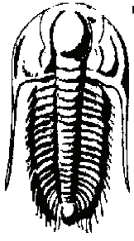
Tool Information

Drill Pipe:	Length: 3430.00 ft	Diameter: 3.80 inches	Volume: 48.11 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 48.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3432.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	44.00 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			3413.00	
Shut In Tool	5.00			3418.00	
Hydraulic tool	5.00			3423.00	
Packer	4.00			3427.00	20.00 Bottom Of Top Packer
Packer	5.00			3432.00	
Stubb	1.00			3433.00	
Recorder	0.00	8321	Inside	3433.00	
Recorder	0.00	8737	Outside	3433.00	
Perforations	20.00			3453.00	
Bullnose	3.00			3456.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44776

DST#: 2

ATTN: Charles R Ramsay

Test Start: 2012.04.16 @ 20:39:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
22.00	HOCM 35%O 65%M	0.309
5.00	Oil	0.070

Total Length: 27.00 ft Total Volume: 0.379 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

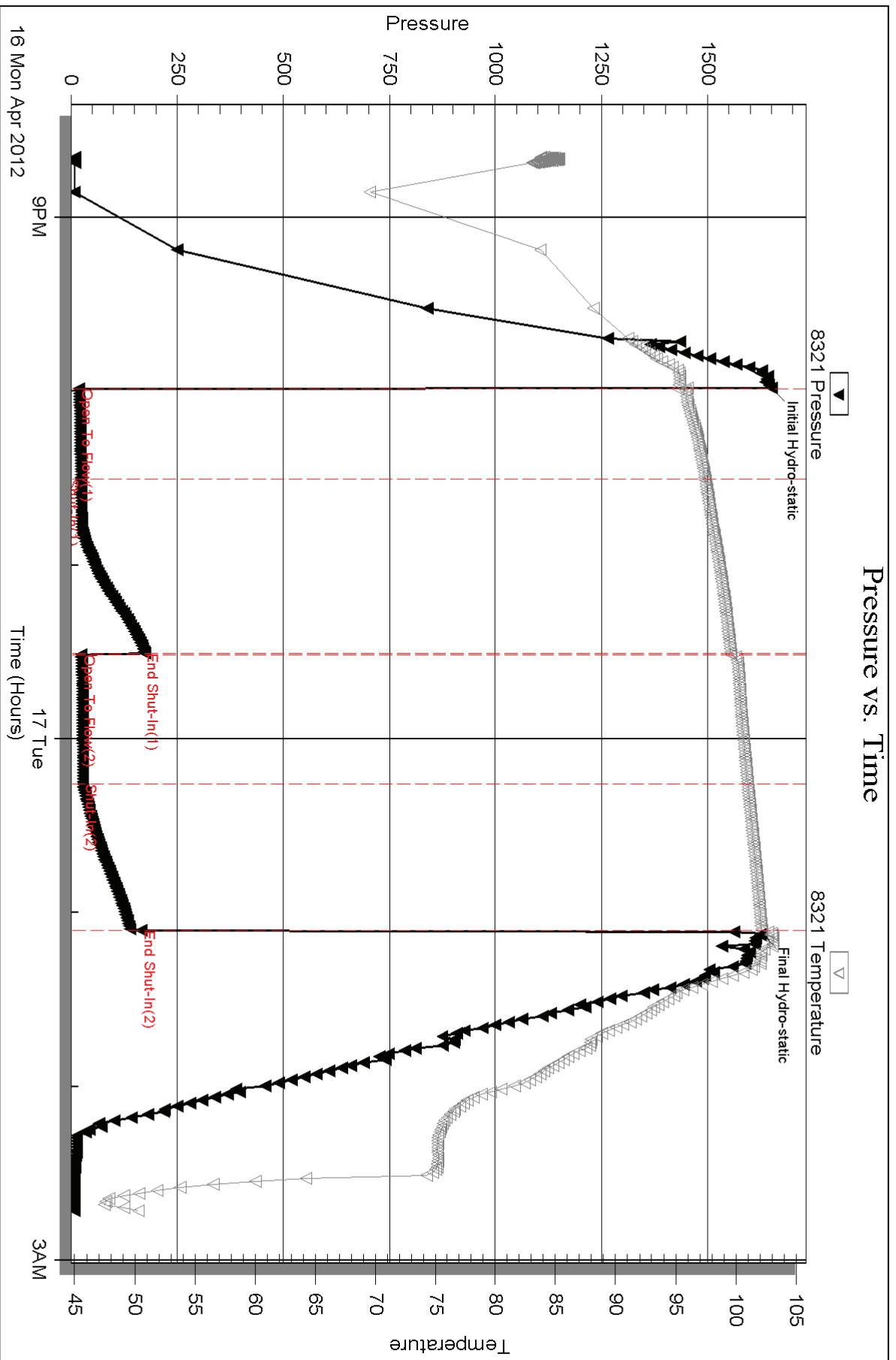
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

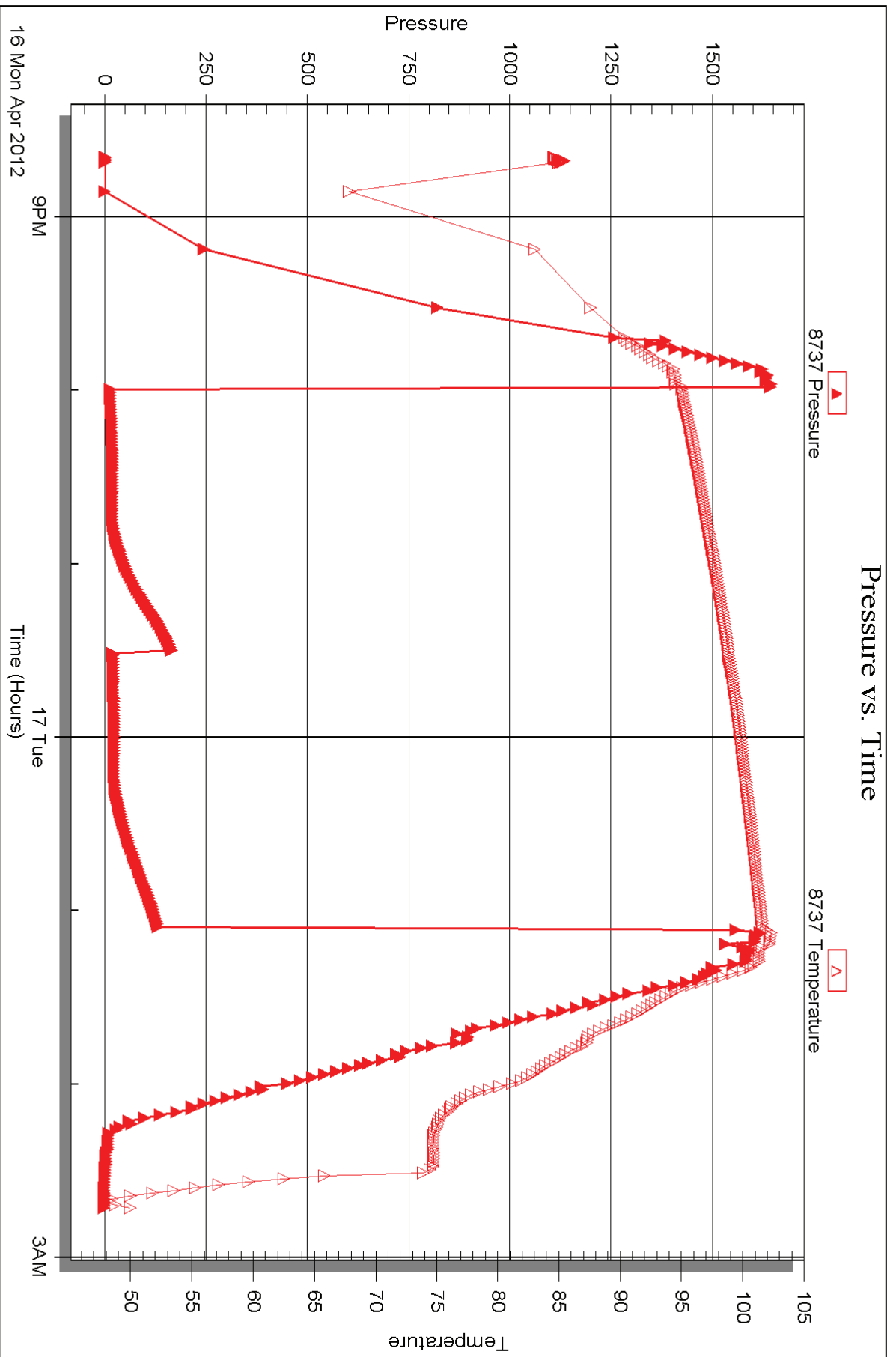


Serial #: 8737

Outside H&C Oil Operating Inc

Buss Farms #26-1

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 86
Plainville KS 67663

ATTN: Charles R Ramsay

Buss Farms #26-1

26-8s-22w Graham,KS

Start Date: 2012.04.17 @ 10:13:59

End Date: 2012.04.17 @ 15:23:29

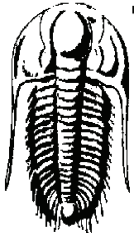
Job Ticket #: 44777 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.27 @ 15:36:25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44777

DST#: 3

ATTN: Charles R Ramsay

Test Start: 2012.04.17 @ 10:13:59

GENERAL INFORMATION:

Formation: **LkC-E & F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:28:59

Time Test Ended: 15:23:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 3470.00 ft (KB) To 3495.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3495.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 234.61 psig @ 3472.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.17

End Date:

2012.04.17

Last Calib.:

2012.04.17

Start Time:

10:14:00

End Time:

15:20:29

Time On Btm:

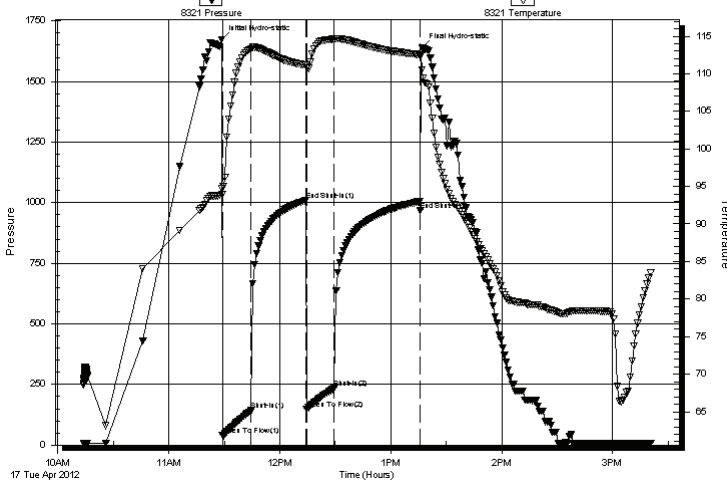
2012.04.17 @ 11:28:29

Time Off Btm:

2012.04.17 @ 13:16:59

TEST COMMENT: IFP-Good Blow BOB in 4 1/8 in
ISI-Weak blow back built to 1/8 in
FFP-Good blow BOB in 5 1/2 min
FSI-Weak blow back built to 1 3/4 in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.81	94.75	Initial Hydro-static
1	40.07	93.90	Open To Flow (1)
16	141.98	113.35	Shut-In(1)
46	1009.56	111.14	End Shut-In(1)
46	148.12	110.82	Open To Flow (2)
61	234.61	114.60	Shut-In(2)
108	967.82	112.51	End Shut-In(2)
109	1638.31	110.53	Final Hydro-static

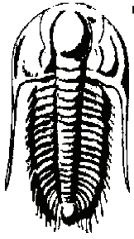
Recovery

Length (ft)	Description	Volume (bbl)
189.00	MW with a scum of oil 10%M 90%W	2.65
126.00	SOCMW 10%O 35%M 55%O	1.77
151.00	OCGWM 10%G 20%O 30%W 40%M	2.12
20.00	Clean Oil	0.28
0.00	94-GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44777

DST#: 3

ATTN: Charles R Ramsay

Test Start: 2012.04.17 @ 10:13:59

Tool Information

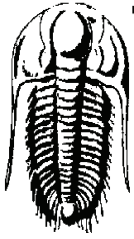
Drill Pipe:	Length: 3472.00 ft	Diameter: 3.80 inches	Volume: 48.70 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	64000.00 lb
			<u>Total Volume: 48.70 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3470.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3451.00	
Shut In Tool	5.00			3456.00	
Hydraulic tool	5.00			3461.00	
Packer	4.00			3465.00	20.00 Bottom Of Top Packer
Packer	5.00			3470.00	
Stubb	1.00			3471.00	
Perforations	1.00			3472.00	
Recorder	0.00	8321	Inside	3472.00	
Recorder	0.00	8737	Outside	3472.00	
Perforations	20.00			3492.00	
Bullnose	3.00			3495.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44777

DST#: 3

ATTN: Charles R Ramsay

Test Start: 2012.04.17 @ 10:13:59

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: 69.00 sec/qt

Cushion Volume: bbl

Water Loss: 5.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	MW w ith a scum of oil 10%M 90%W	2.651
126.00	SOCMW 10%O 35%M 55%O	1.767
151.00	OCGWM 10%G 20%O 30%W 40%M	2.118
20.00	Clean Oil	0.281
0.00	94-GIP	0.000

Total Length: 486.00 ft Total Volume: 6.817 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

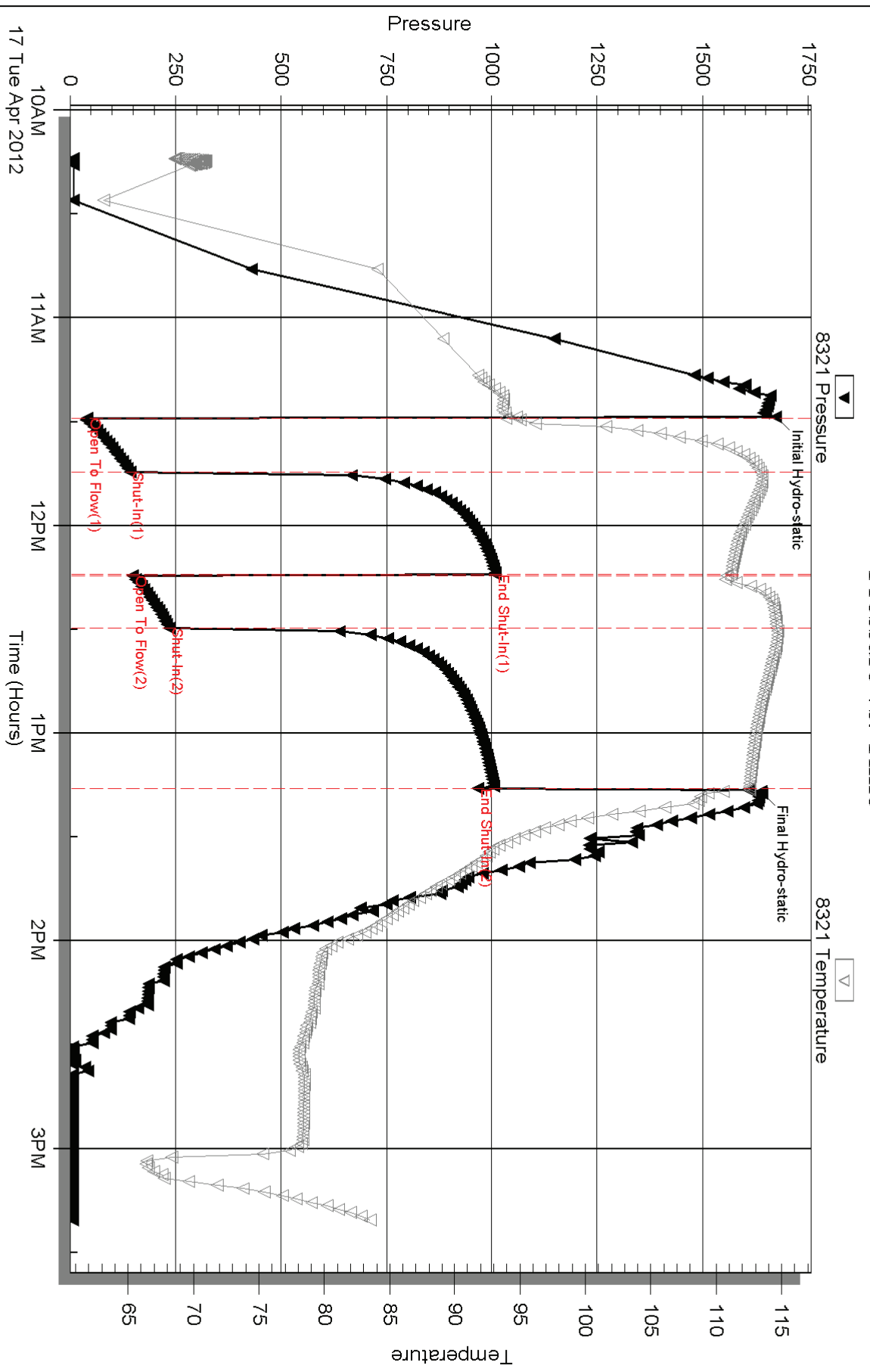
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

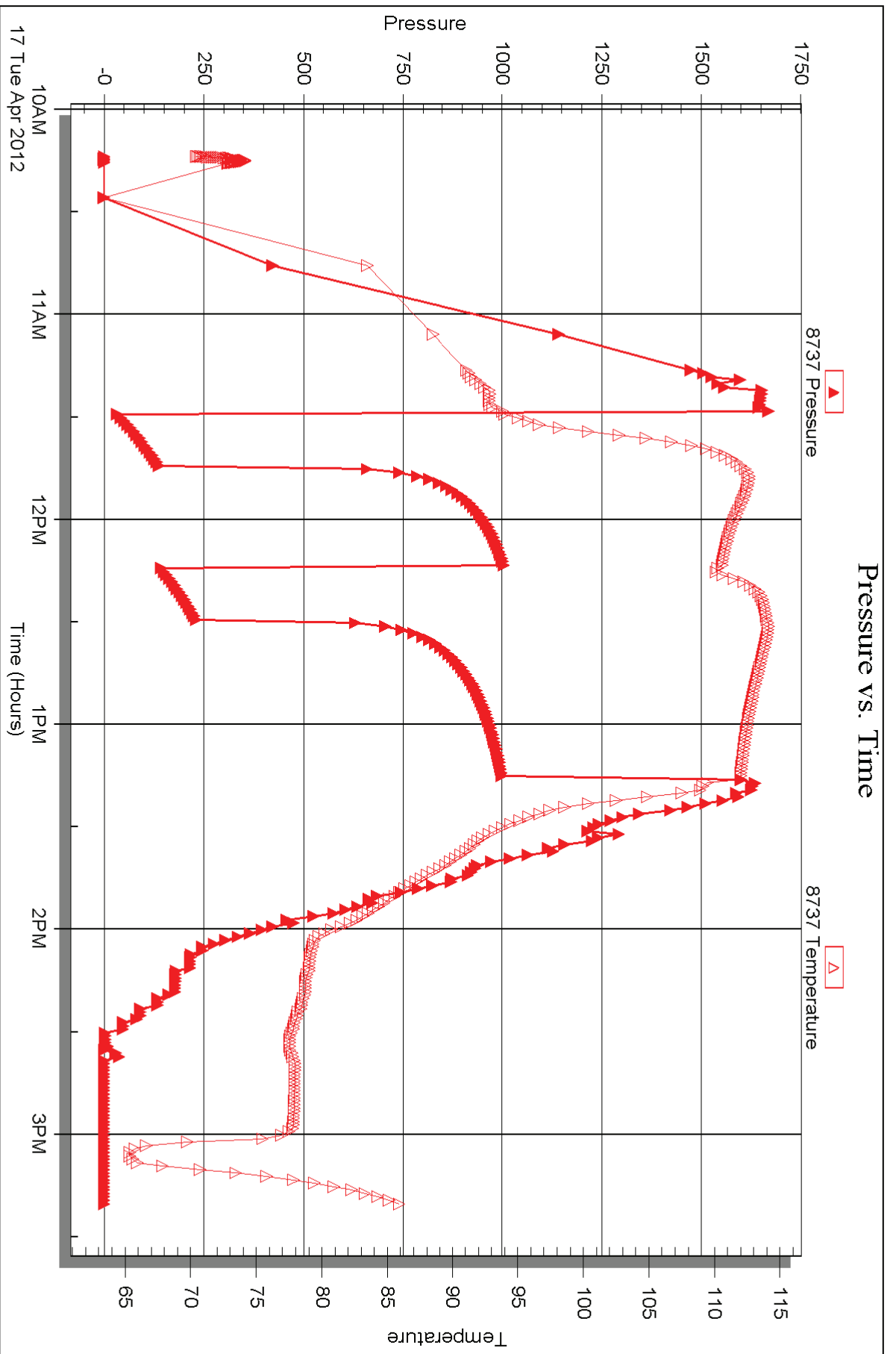


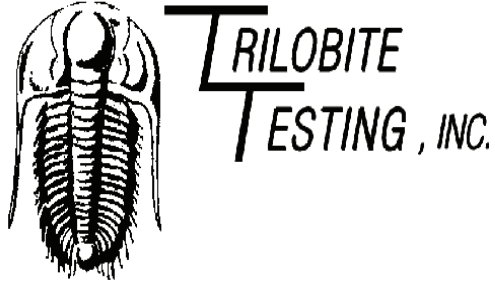
Serial #: 8737

Outside H&C Oil Operating Inc

Buss Farms #26-1

DST Test Number: 3





DRILL STEM TEST REPORT

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

PO Box 86
Plainville KS 67663

ATTN: Charles R Ramsay

Buss Farms #26-1

26-8s-22w Graham,KS

Start Date: 2012.04.18 @ 00:56:21

End Date: 2012.04.18 @ 07:40:21

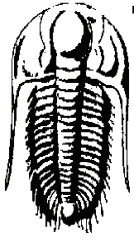
Job Ticket #: 44778 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.27 @ 15:35:50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44778

DST#: 4

ATTN: Charles R Ramsay

Test Start: 2012.04.18 @ 00:56:21

GENERAL INFORMATION:

Formation: **LKC-H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:54:21

Time Test Ended: 07:40:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 3521.00 ft (KB) To 3585.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3585.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 48.75 psig @ 3558.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.18

End Date:

2012.04.18

Last Calib.:

2012.04.18

Start Time: 00:56:22

End Time:

07:40:21

Time On Btm:

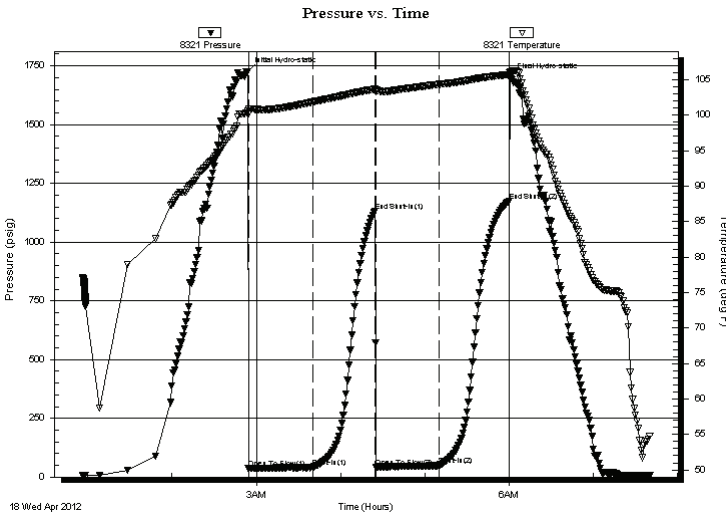
2012.04.18 @ 02:53:51

Time Off Btm:

2012.04.18 @ 06:00:21

TEST COMMENT: IFP-Weak blow built to 3 1/4 in
ISI-Dead no blow back
FFP-Weak blow built to 3 3/4 in
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.22	100.55	Initial Hydro-static
1	35.79	100.24	Open To Flow (1)
46	41.23	101.83	Shut-In(1)
91	1131.40	103.62	End Shut-In(1)
92	40.36	103.46	Open To Flow (2)
136	48.75	104.31	Shut-In(2)
186	1174.79	105.71	End Shut-In(2)
187	1700.69	105.89	Final Hydro-static

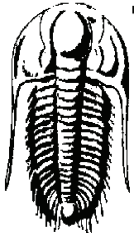
Recovery

Length (ft)	Description	Volume (bbl)
36.00	HOCM 35%O 65%M	0.50
0.00	63-GIP	0.00

* 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

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44778

DST#: 4

ATTN: Charles R Ramsay

Test Start: 2012.04.18 @ 00:56:21

GENERAL INFORMATION:

Formation: **LKC-H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:54:21

Time Test Ended: 07:40:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 3521.00 ft (KB) To 3585.00 ft (KB) (TVD)

Reference Elevations: 2170.00 ft (KB)

Total Depth: 3585.00 ft (KB) (TVD)

2165.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 3558.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.18

End Date:

2012.04.18

Last Calib.:

2012.04.18

Start Time: 00:56:40

End Time:

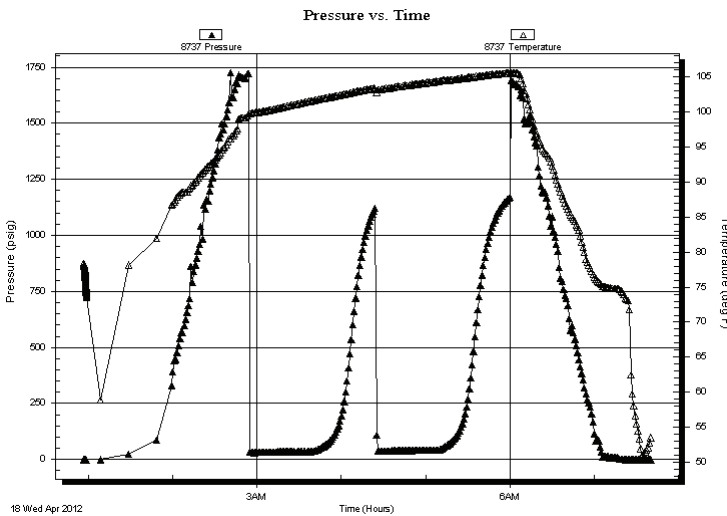
07:40:39

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP-Weak blow built to 3 1/4 in
ISI-Dead no blow back
FFP-Weak blow built to 3 3/4 in
FSI-Dead no blow back

PRESSURE SUMMARY



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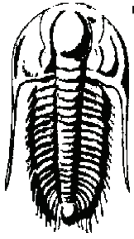
Recovery

Length (ft)	Description	Volume (bbl)
36.00	HOCM 35%O 65%M	0.50
0.00	63-GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44778

DST#: 4

ATTN: Charles R Ramsay

Test Start: 2012.04.18 @ 00:56:21

Tool Information

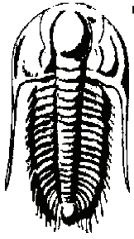
Drill Pipe:	Length: 3525.00 ft	Diameter: 3.80 inches	Volume: 49.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 49.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3521.00 ft			Final 56000.00 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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Change Over Sub	1.00			3502.00	
Shut In Tool	5.00			3507.00	
Hydraulic tool	5.00			3512.00	
Packer	4.00			3516.00	20.00 Bottom Of Top Packer
Packer	5.00			3521.00	
Stubb	1.00			3522.00	
Perforations	3.00			3525.00	
Change Over Sub	1.00			3526.00	
Drill Pipe	31.00			3557.00	
Change Over Sub	1.00			3558.00	
Recorder	0.00	8321	Inside	3558.00	
Recorder	0.00	8737	Outside	3558.00	
Perforations	24.00			3582.00	
Bullnose	3.00			3585.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating Inc

26-8s-22w Graham,KS

PO Box 86
Plainville KS 67663

Buss Farms #26-1

Job Ticket: 44778

DST#: 4

ATTN: Charles R Ramsay

Test Start: 2012.04.18 @ 00:56:21

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: 57.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
36.00	HOCM 35%O 65%M	0.505
0.00	63-GIP	0.000

Total Length: 36.00 ft Total Volume: 0.505 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

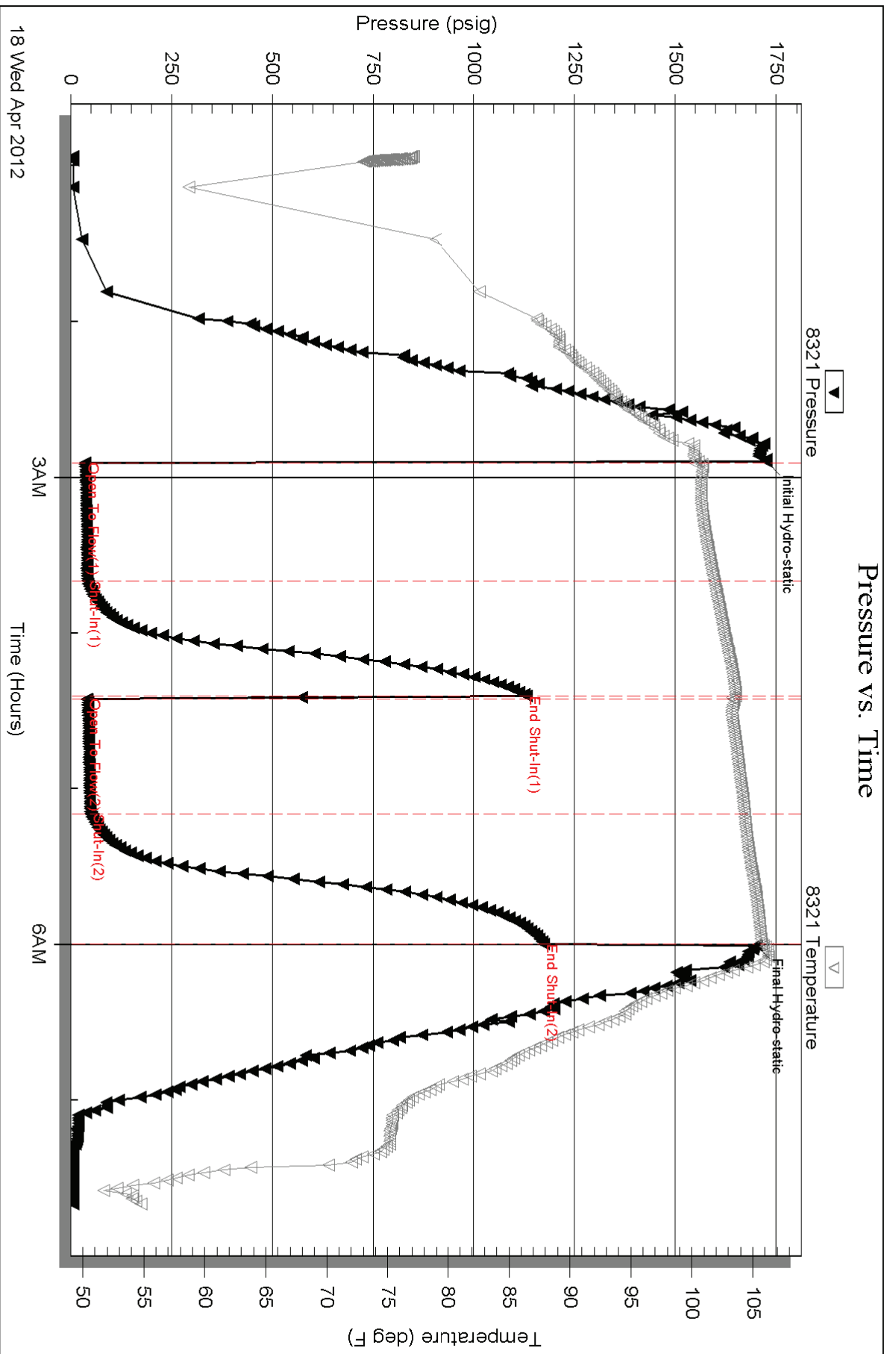
Serial #: 8321

Inside

H&C Oil Operating Inc

Buss Farms #26-1

DST Test Number: 4

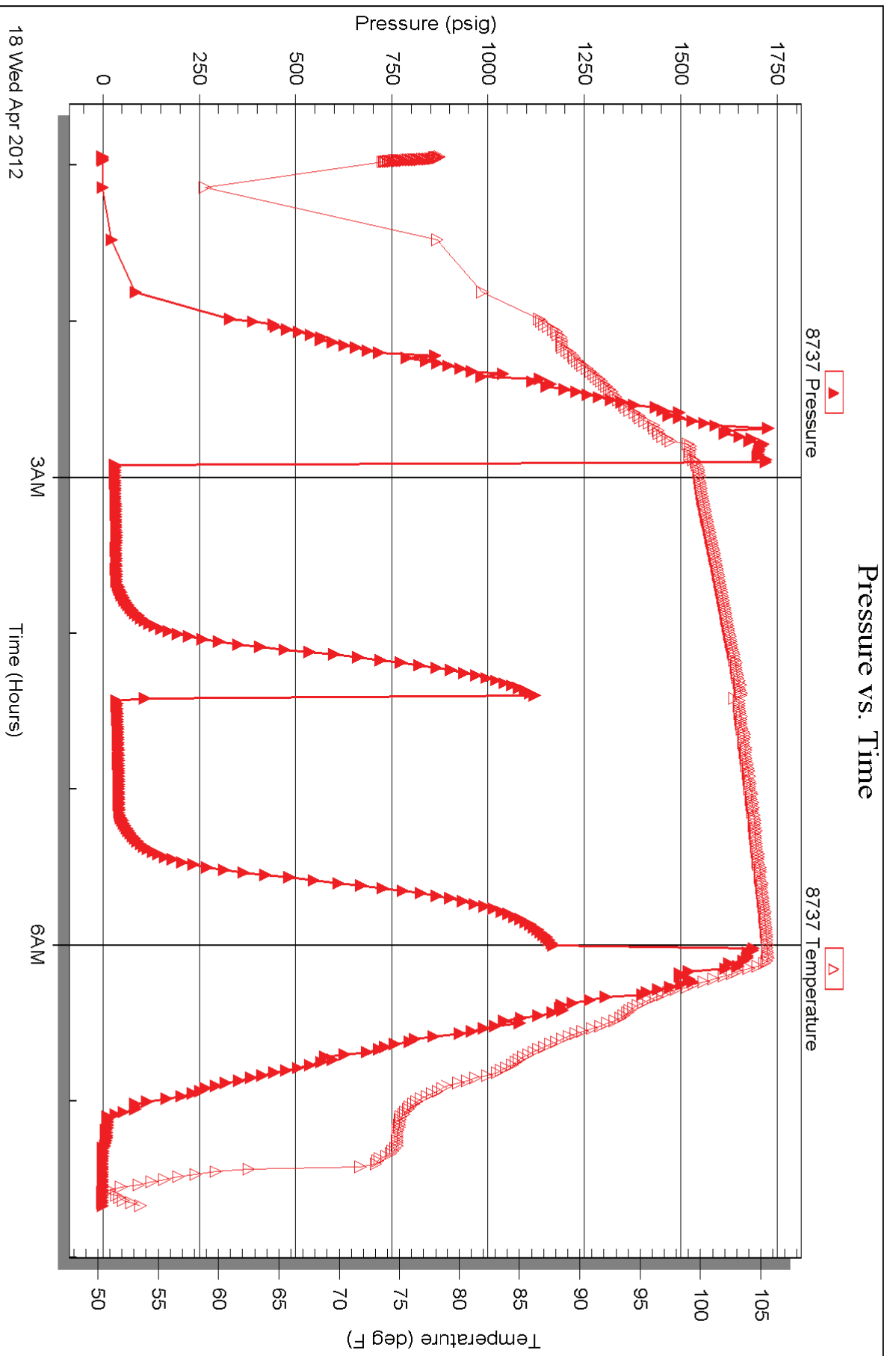


Serial #: 8737

Outside H&C Oil Operating Inc

Buss Farms #26-1

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 23 2012
BY: _____

Test Ticket

NO. 44825

Well Name & No. Buss Farms 26-1 Test No. 1 Date 4-16-12
 Company H+C Oil Operating INC Elevation 2170 KB 2145 GL
 Address PO Box 826 Plainville KS 67466-0826
 Co. Rep / Geo. Marc Downing Rig American Eagle #3
 Location: Sec. 26 Twp. 8 S Rge. 22 W Co. Cochran State KS

Interval Tested 3399 - 3435 Zone Tested LKC-A
 Anchor Length 36 Drill Pipe Run 3401 Mud Wt. 8.7
 Top Packer Depth 3394 Drill Collars Run 0 Vis 6.9
 Bottom Packer Depth 3399 Wt. Pipe Run 0 WL 5.3
 Total Depth 3435 Chlorides 1000 ppm System LCM 2

Blow Description FF- Fair Blow Built to 8 1/2 IN
ISI- Dead NO Blow Back
FF- Fair Blow Built to 7 IN
ISI- Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>Feet of MW with oil spots</u>			<u>70</u>	<u>30</u>
<u>63</u>	<u>Feet of WM with a scum of oil</u>			<u>40</u>	<u>60</u>
<u>15</u>	<u>Feet of oil</u>		<u>100</u>		

Rec Total 141 BHT 107 Gravity 24 API RW 177 @ 63.5° F Chlorides 46,000 ppm

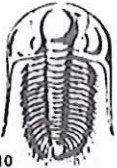
(A) Initial Hydrostatic 11636 Test 1150 T-On Location 6:35
 (B) First Initial Flow 21 Jars T-Started 7:23
 (C) First Final Flow 52 Safety Joint T-Open 9:04
 (D) Initial Shut-In 1009 Circ Sub T-Pulled 12:04
 (E) Second Initial Flow 54 Hourly Standby T-Out 14:04
 (F) Second Final Flow 77 Mileage 120 RT 186 Comments _____
 (G) Final Shut-In 993 Sampler _____
 (H) Final Hydrostatic 11609 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total 1336

Approved By _____ Our Representative Jeff Brown

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
APR 23 2012

Test Ticket

NO. 44776

Well Name & No. Buss Farms 2L-1 Test No. 2 Date 4/16/12
 Company H+C Oil Operating INC Elevation 2170 KB 2165 GL
 Address PO BOX 80 Plainville KS 64766-0080
 Co. Rep / Geo. Marc Downing Rig American Eagle #3
 Location: Sec. 2L Twp. 8S Rge. 22W Co. Coleham State KS

Interval Tested 3432-3456 Zone Tested LKC-C
 Anchor Length 24 Drill Pipe Run 3430 Mud Wt. 9.0
 Top Packer Depth 3427 Drill Collars Run 0 Vis 5L
 Bottom Packer Depth 3432 Wt. Pipe Run 0 WL 6.4
 Total Depth 3456 Chlorides 1000 ppm System LCM 2

Blow Description FP-Weak Blow Built To 3/4 IN
FSI-Dead No Blow Back
FP-Weak Blow Built To 2 1/2 IN
FSI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>22</u>	<u>HOC M</u>	<u>35</u>		<u>65</u>	
<u>5</u>	<u>Oil</u>	<u>100</u>			

Rec Total 27 BHT 102 Gravity 24 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 1450 NO Test 1150 T-On Location 20:26
 (B) First Initial Flow 18 Jars T-Started 20:39
 (C) First Final Flow 24 Safety Joint T-Open 22:01
 (D) Initial Shut-In 174 Circ Sub T-Pulled 1:01
 (E) Second Initial Flow 24 Hourly Standby T-Out 2:4 2:44
 (F) Second Final Flow 28 Mileage 120RT 186' Comments _____
 (G) Final Shut-In 165 Sampler _____
 (H) Final Hydrostatic 1628 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1336

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Approved By _____ Our Representative Jeff Brown

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.



TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 23 2012

Test Ticket

BY: _____

NO. 44777

Well Name & No. Buss Farms 20-1 Test No. 3 Date 4-17-12
 Company H+C Oil Operating Inc Elevation 2170 KB 2605 GL
 Address PO Box 380 Plainville KS 671203
 Co. Rep / Geo. Marc Downing Rig American Eagle #3
 Location: Sec. 26 Twp. 8S Rge. 22W Co. Cochran State KS

Interval Tested 3470-3495 Zone Tested LKL-E+F
 Anchor Length 25 Drill Pipe Run 3472 Mud Wt. 8.9
 Top Packer Depth 3425 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3470 Wt. Pipe Run 0 WL 6.8
 Total Depth 3495 Chlorides 1100 ppm System LCM 2

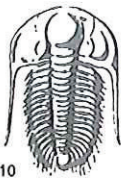
Flow Description ff. Good Blow Bob IN 4 1/4 min
Est. Wash Blow Back Built to 1/8 IN
ff. Good Blow Bob IN 5 1/2 min
Est. Wash Blow Built to 1 3/4 IN

Loc	Feet of	%gas	%oil	%water	%mud
189	Feet of MW with A.Scum of oil			90	10
126	Feet of SOCMW		10	55	35
151	Feet of OCGWM	10	20	30	40
20	Feet of Clean Oil		100		
	Feet of 94.6FP				

Loc Total 436 BHT 113 Gravity 27 API RW @ °F Chlorides _____ ppm
 A) Initial Hydrostatic 1674 Test 1130 T-On Location 10:00
 B) First Initial Flow 40 Jars T-Started 10:13
 C) First Final Flow 142 Safety Joint T-Open 11:30
 D) Initial Shut-In 1010 Circ Sub T-Pulled 13:15
 E) Second Initial Flow 148 Hourly Standby T-Out 15:23
 F) Second Final Flow 235 Mileage 120 RT 146 Comments _____
 G) Final Shut-In 968 Sampler _____
 H) Final Hydrostatic 1638 Straddle Ruined Shale Packer _____
 Shale Packer Ruined Packer _____
 Extra Packer Extra Copies _____
 Initial Open 15 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1336
 Final Flow 15 Accessibility MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1336

Our Representative Jeff Brown

Approved By _____
Tribolite 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 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
APR 23 2012

Test Ticket

NO. 44778

Well Name & No. Buss Farms 26-1 BY: _____ Test No. 4 Date 4-18-12
 Company HTC oil operating INC Elevation 2170 KB 2165 GL
 Address PO Box 80 Plainville KS 67463
 Co. Rep / Geo. Mark Downing Rig American Eagle #3
 Location: Sec. 26 Twp. 8S Rge. 22W Co. Graham State KS

Interval Tested 3521-3585 Zone Tested LKC-H-5
 Anchor Length 44 Drill Pipe Run 3525 Mud Wt. 8.9
 Top Packer Depth 3514 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3521 Wt. Pipe Run 0 WL 6.8
 Total Depth 3585 Chlorides 1100 ppm System LCM 2

Blow Description FFP-Weak Blow Built TO 3/4 IN
ISF-Dead NO Blow Back
FFP-Weak Blow Built TO
ISF-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
36	Feet of <u>HOCM</u>		<u>35</u>		<u>45</u>
Rec	Feet of <u>63-CAT</u>	%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 36 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1726 Test 1150 T-On Location 00:15
 (B) First Initial Flow 36 Jars _____ T-Started 00:56
 (C) First Final Flow 41 Safety Joint _____ T-Open 2:55
 (D) Initial Shut-In 1131 Circ Sub _____ T-Pulled 5:55
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 7:40
 (F) Second Final Flow 49 Mileage (20RT 1816) X2 Comments _____
 (G) Final Shut-In 1175 Sampler _____
 (H) Final Hydrostatic 1701 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1336 1522
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1336

Approved By _____ Our Representative JEFF BROWN

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
APR 23 2012

Test Ticket

NO. 44779

4/10

BY: _____

Well Name & No.	Buss Farms 2L-1	Test No.		Date	4-19-12
Company	H+C Oil Operating INC	Elevation	2170	KB	21405 GL
Address	PO Box 810 Plainville KS 67463				
Co. Rep / Geo.	Marc Downing	Rig	American Eagle #3		
Location: Sec.	2L	Twp.	8S	Rge.	22W Co. Graham State KS

Interval Tested	Zone Tested	
Anchor Length	Drill Pipe Run	Mud Wt.
Top Packer Depth	Drill Collars Run	Vis
Bottom Packer Depth	Wt. Pipe Run	WL
Total Depth	Chlorides	ppm System LCM
Blow Description		

Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic	<input type="checkbox"/> Test	T-On Location	10:48
(B) First Initial Flow	<input type="checkbox"/> Jars	T-Started	
(C) First Final Flow	<input type="checkbox"/> Safety Joint	T-Open	
(D) Initial Shut-In	<input type="checkbox"/> Circ Sub	T-Pulled	
(E) Second Initial Flow	<input type="checkbox"/> Hourly Standby	T-Out	
(F) Second Final Flow	<input type="checkbox"/> Mileage	120RT 180'	Comments not Called To Pick Up Tool @ 9:45 AM on 4-19-12 LAST Test ran @ 7:40 AM on 4-18-12
(G) Final Shut-In	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer	
Initial Open	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies	
Initial Shut-In	<input type="checkbox"/> Extra Packer	Sub Total	
Final Flow	<input type="checkbox"/> Extra Recorder	Total	
Final Shut-In	<input checked="" type="checkbox"/> Day Standby	MP/DST Disc't	
	27hrs 300		
	<input type="checkbox"/> Accessibility		
	Sub Total		
	9860		

Approved By _____ Our Representative _____

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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 09, 2012

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

Re: ACO1
API 15-065-23823-00-00
Buss Farms 26-1
SE/4 Sec.26-08S-22W
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. 374

Date	4-18-12	26	8	22	22	GRAHAM	KANSAS	On Location	7:00pm		
Lease	BLISS FARMS		Well No.	26-1		Location BOQUE-STOKER-WTO 330RD-25 TO N28 E1/2 N1/2					
Contractor	AMERICAN EAGLE REG #3										
Type Job	OLD HOLE PLUG										
Hole Size	7 7/8" T.D. 3758'										
Csg.	Depth										
Tbg. Size	Depth										
Tool	Depth										
Cement Left in Csg.	Shoe Joint										
Meas Line	Displace										
EQUIPMENT											
Pumptrk	15	No.	Cementer	PAUL						Common	138
Bulktrk	13	No.	Driver	LEVY						Poz. Mix	92
Bulktrk	P/U	No.	Driver	ATSCO						Gel.	8
JOB SERVICES & REMARKS											
Remarks:											
Rat Hole	30 SKS										
Mouse Hole											
Centralizers											
Baskets											
DV or Port Collar											
PLUGS SKS OF CEMENT											
1st @ 3738' - 25 SKS											
2nd @ 1720' - 25 SKS											
3rd @ 990' - 100 SKS											
4th @ 280' - 40 SKS											
5th @ 40' - 10 SKS											
THANK YOU!											
Mud CLR 48											
CFL-117 or CD110 CAF 38											
Sand											
Handling 238											
Mileage											
FLOAT EQUIPMENT											
Guide Shoe											
Centralizer											
Baskets											
AFU Inserts											
Float Shoe											
Latch Down											
8 5/8" DRY HOLE PLUG											
Pumptrk Charge plug											
Mileage 46											
Tax											
Discount											
Total Charge											

X 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. 322

Date	4-12-12	Sec.	26	Twp.	8 22	Range	Kerabam	County	KS	State	On Location	Finish	
Lease	Buss Farms		Well No.	26-1	Location			Boyer / Topeka Auto 320 Rd 500 N	10:30 AM				
Contractor	American Fork												
Type Job	Surface												
Hole Size	12 1/4												
Csg.	8 7/8												
Tbg. Size													
Tool													
Cement Left in Csg.	15'												
Meas Line	14 BC												
EQUIPMENT													
Pumptrk	5	No.	Cementer	GWS									
Bulktrk		No.	Driver	Dett									
Bulktrk	8	No.	Driver	Cory									
JOB SERVICES & REMARKS													
Remarks:													
Rat Hole													
Mouse Hole													
Centralizers													
Baskets													
DN or Port Collar	8 7/8 on bottom fast circulation. Mix 160 SIC & Displace. Cement Checked!												
	Common 160												
	Poz. Mix												
	Gel. 35												
	Calcium												
	Hulls												
	Salt												
	Flowseal												
	Kol-Seal												
	Mud CLR 48												
	CFL-117 or CD110 CAF 38												
	Sand												
	Handling 160												
	Mileage												
	FLOAT EQUIPMENT												
	Guide Shoe												
	Centralizer												
	Baskets												
	AFU Inserts												
	Float Shoe												
	Latch Down												
	Pumptrk Charge Surface												
	Mileage 46												
	Tax												
	Discount												
	Total Charge												
X Signature	Richard Fisher												

Marc Downing
Consulting Petroleum Geologist
1411 Washington Circle
Hays, KS 67601
Phone: (316) 428-1356 (cell) 785-621-2286

GEOLOGIC REPORT LOG

WELL: Bus Farms #26-1

FIELD: Wildcat

LOCATION: U001 FSL & HSO1 FEL

SEC.: 24 **TWP.:** 9S **R.:** 22W

COUNTY: Graham

STATE: Kansas

OPERATOR: H&C Oil Operating, Inc.
H&C Oil Operating, Inc.
American Eagle #3
H&C Oil Operating, Inc.

COMPL.: H&C Oil Operating, Inc.
American Eagle #3
H&C Oil Operating, Inc.

CASTING RECORD: H&C Oil Operating, Inc.
American Eagle #3
H&C Oil Operating, Inc.

LOG: H&C Oil Operating, Inc.
American Eagle #3
H&C Oil Operating, Inc.

DATE: 08/11/09

LOG #: 3325

PROJ.: Name

LOG DEPTH: 3421

TOTAL DEPTH LOG: 3421

FORMATION	SAMPLE NO.	ELECTRIC LOG SPERF	STRATIGRAPHIC POSITION
Top Anhydrite	1703	1104	112
Base Anhydrite	1736	1131	118
Heerner	3155	3155	119
Tapska	3155	3155	120
Heerner	3349	3349	121
Tapska	3391	3391	122
LKC	3409	3409	123
Mormaton	3614	3614	124
Ableville	3675	3675	125
3760	3769	3769	126

REFERENCE WELL FOR STRUCTURE FUNCTION & ANALYSIS: Kibbpatrisk #1 5E-5E-5W Sec. 24, 9S-22W

DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

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DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

DATE	DEPTH	NO	SIZE	MARK	TYPE	DEPTH OUT	REMARKS

315