KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1164312

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5552
Name: Gore Oil Company
Address 1: 202 S ST FRANCIS
Address 2: PO BOX 2757
City: WICHITA State: KS Zip: 67202 + 4518
Contact Person: Larry M. Jack
Phone: (316) 263-3535
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Marc Downing
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [x] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

- [ ] Deepening
- [ ] Re-perf.
- [ ] Conv. to ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

05/14/2013	05/21/2013	05/21/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24111-00-00
Spot Description:
N2 - SE - SE - SW Sec. 11 Twp. 9 S. R. 18 [ ] East [x] West
550 Feet from [ ] North / [x] South Line of Section
2970 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Rooks
Lease Name: Toelkes Well #: 1
Field Name: O'Brien
Producing Formation: n/a
Elevation: Ground: 2065 Kelly Bushing: 2073
Total Depth: 3580 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 261 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 37000 ppm Fluid volume: 750 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 10/23/2013

Side Two

1164312

Operator Name: Gore Oil Company Lease Name: Toelkes Well #: 1

Sec. 11 Twp. 9 S. R. 18 ☐ East ☑ West County: Rooks

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

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1393	+680
B/Anhydrite	1428	+645
Topeka	3005	-932
Heebner	3217	-1144
Toronto	3238	-1165
LKC	3258	-1186
B/KC	3485	-1412

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	261	Common	180	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

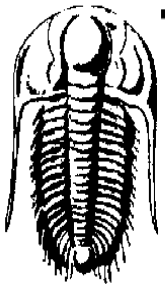
PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	Toelkes 1
Doc ID	1164312

All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction Log
Microresistivity Log
Computer Processed Interpretation



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Gore Oil Co**

PO Box 2757
Wichita, KS 67202

ATTN: Marc Downing

Toelkes #1

11-9S-18W Rooks,KS

Start Date: 2013.05.18 @ 12:30:00

End Date: 2013.05.18 @ 16:21:40

Job Ticket #: 51616 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.24 @ 11:09:20

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51616 **DST#: 1**

Test Start: 2013.05.18 @ 12:30:00

GENERAL INFORMATION:

Formation: **LKC A-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 16:21:40

Test Type: Conventional Bottom Hole (Initial)
Tester: Randy Williams
Unit No: 68

Interval: 3251.00 ft (KB) To 3334.00 ft (KB) (TVD)
Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

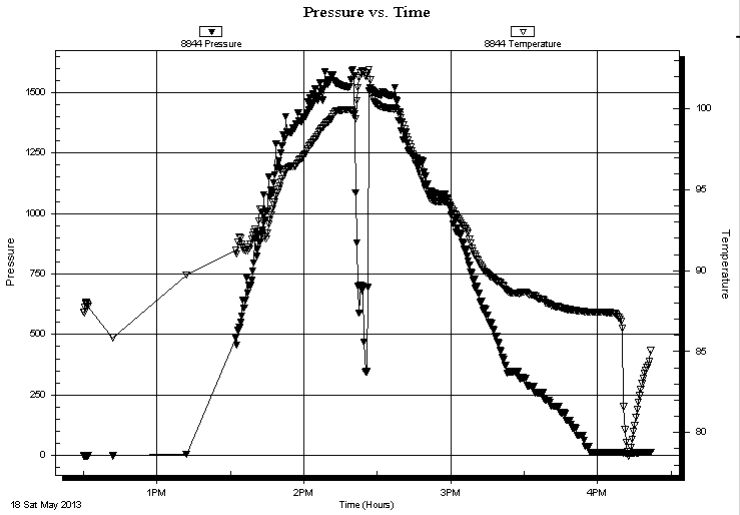
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8844 **Inside**

Press@RunDepth: psig @ 3317.00 ft (KB)
Start Date: 2013.05.18 End Date: 2013.05.18
Start Time: 12:30:05 End Time: 16:21:40

Capacity: 8000.00 psig
Last Calib.: 2013.05.18
Time On Btm:
Time Off Btm:

TEST COMMENT: IF- SBB Mis-run



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
744.00	MUD 100%	10.44

Gas Rates

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

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51616 **DST#: 1**

Test Start: 2013.05.18 @ 12:30:00

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Tester: Randy Williams
Unit No: 68

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Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

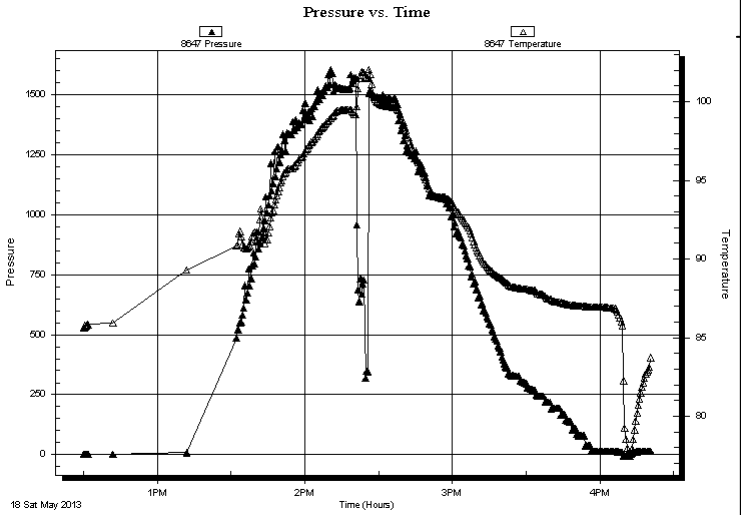
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: psig @ 3317.00 ft (KB)
Start Date: 2013.05.18 End Date: 2013.05.18
Start Time: 12:30:05 End Time: 16:20:50

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF- SBB Mis-run



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
744.00	MUD 100%	10.44

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51616 **DST#: 1**

Test Start: 2013.05.18 @ 12:30:00

Tool Information

Drill Pipe:	Length:	3235.00 ft	Diameter:	3.80	inches	Volume:	45.38	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25	inches	Volume:	0.00	bbl	
						Total Volume:	45.38	bbl	

Drill Pipe Above KB:	5.00 ft
Depth to Top Packer:	3251.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	83.00 ft
Tool Length:	104.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		22000.00 lb
Weight to Pull Loose:		44000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	44000.00 lb
	Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3231.00		
Shut In Tool	5.00			3236.00		
Hydraulic tool	5.00			3241.00		
Packer	5.00			3246.00	21.00	Bottom Of Top Packer
Packer	5.00			3251.00		
Stubb	1.00			3252.00		
perforations	1.00			3253.00		
Change Over Sub	1.00			3254.00		
Blank Spacing	62.00			3316.00		
change Over Sub	1.00			3317.00		
Recorder	0.00	8844	Inside	3317.00		
Recorder	0.00	8647	Outside	3317.00		
Perforations	14.00			3331.00		
Bullnose	3.00			3334.00	83.00	Bottom Packers & Anchor
Total Tool Length:	**104.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51616 **DST#: 1**

Test Start: 2013.05.18 @ 12:30:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1900.00 ppm				
Filter Cake:	5.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
744.00	MUD 100%	10.436

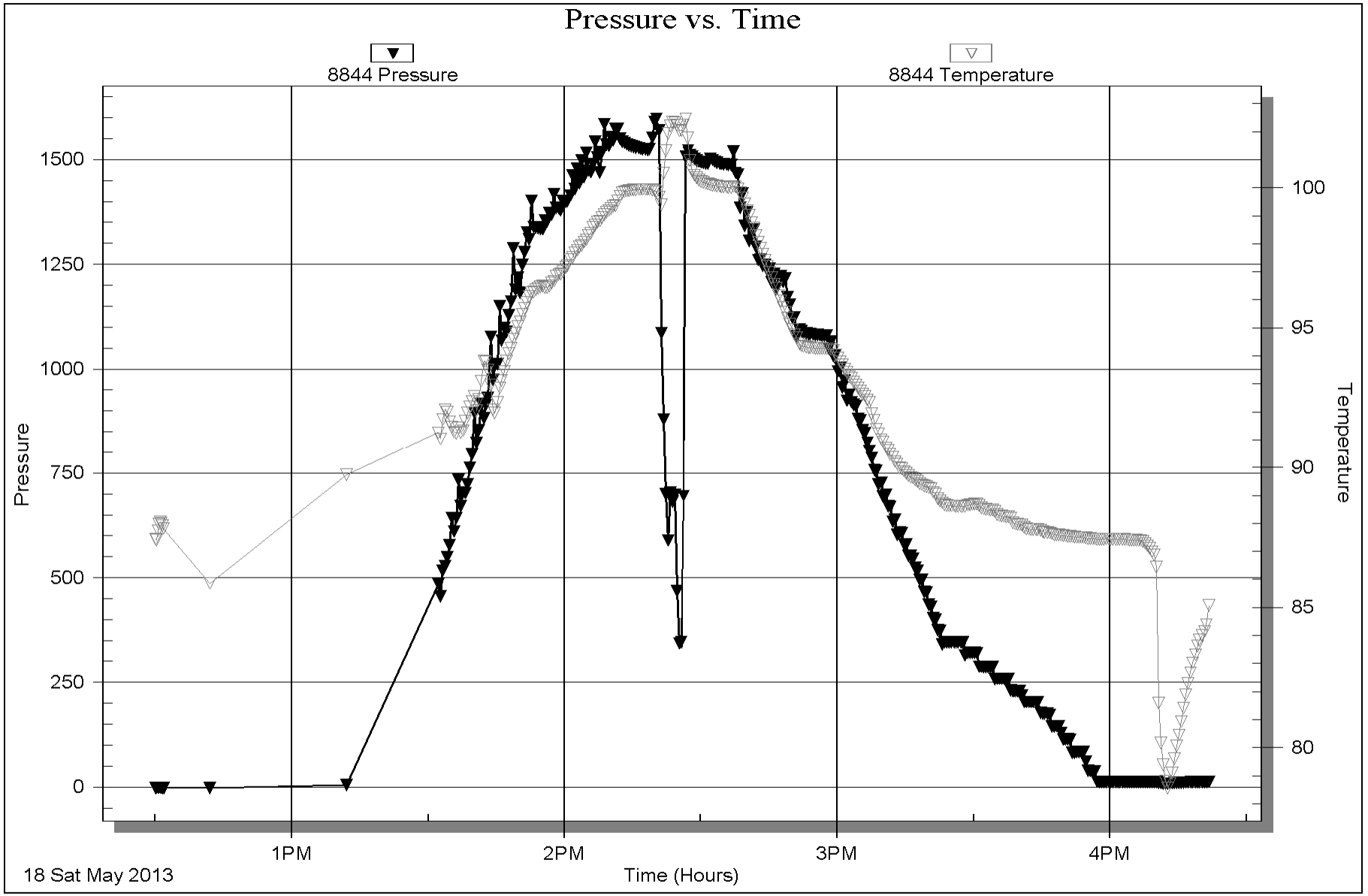
Total Length: 744.00 ft Total Volume: 10.436 bbl

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

Laboratory Name: Laboratory Location:

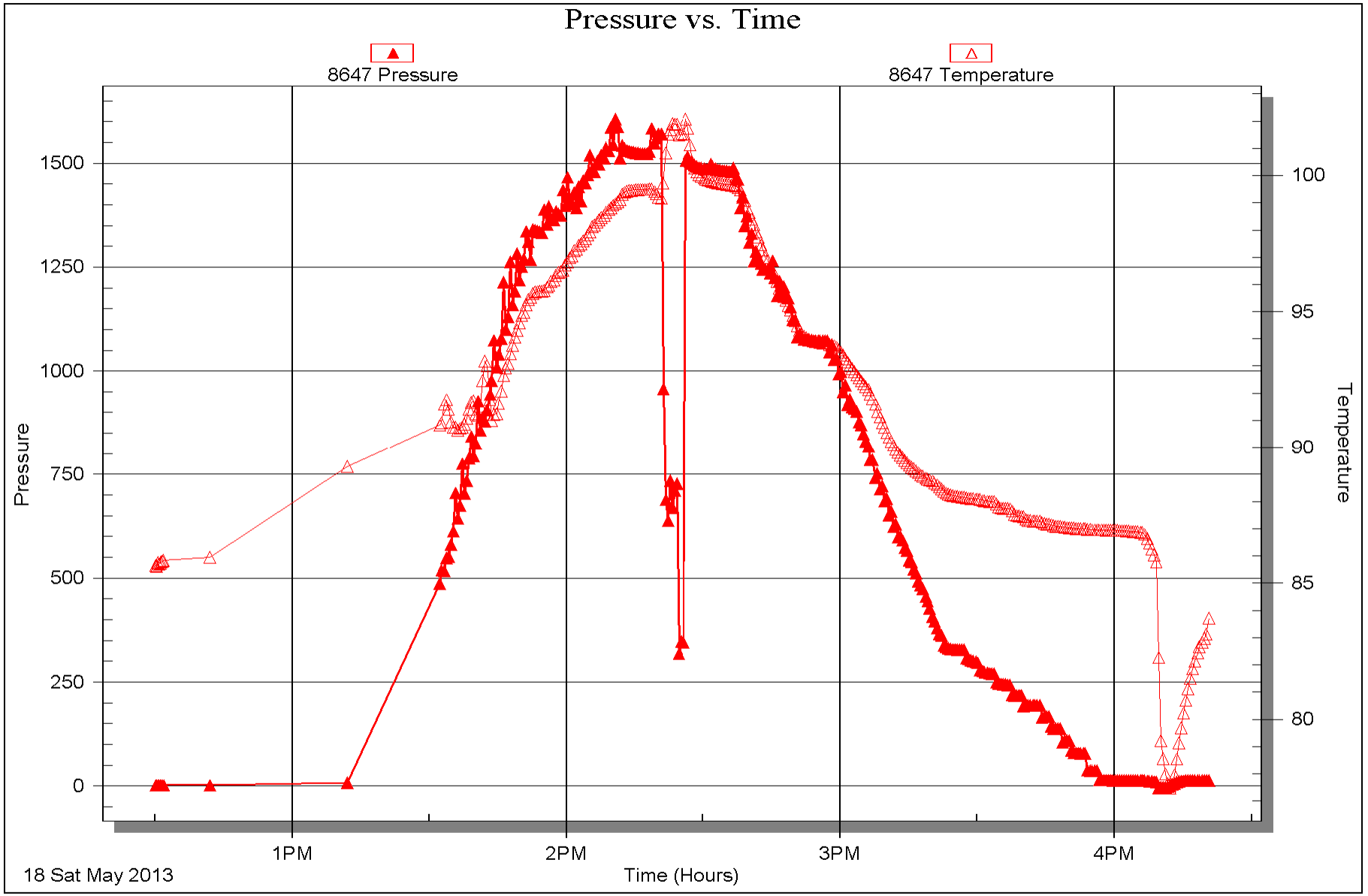
Recovery Comments: MISSRUN

Serial #: 8844 **Inside** Gore Oil Co Toelkes #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 51616 Printed: 2013.05.24 @ 11:09:22

Serial #: 8647 **Outside** Gore Oil Co Toelkes #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 51616 Printed: 2013.05.24 @ 11:09:23

DRILL STEM TEST REPORT

Prepared For: **Gore Oil Co**

PO Box 2757
Wichita, KS 67202

ATTN: Marc Downing

Toelkes #1

11-9S-18W Rooks,KS

Start Date: 2013.05.18 @ 21:30:00
End Date: 2013.05.19 @ 04:50:50
Job Ticket #: 51617 DST #: 2

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

Printed: 2013.05.24 @ 11:08:44

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51617 **DST#: 2**

Test Start: 2013.05.18 @ 21:30:00

GENERAL INFORMATION:

Formation: **LKC A-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:49:40
Time Test Ended: 04:50:50

Test Type: Conventional Bottom Hole (Initial)
Tester: Randy Williams
Unit No: 68

Interval: 3251.00 ft (KB) To 3334.00 ft (KB) (TVD)
Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

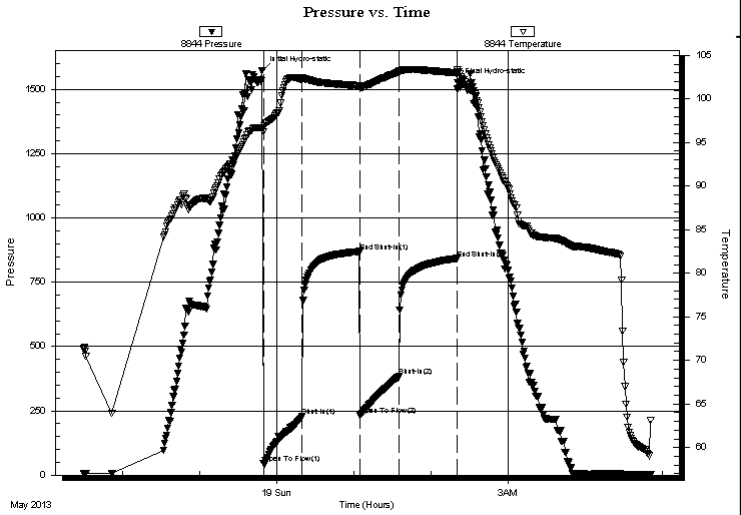
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8844 **Inside**

Press@RunDepth: 383.05 psig @ 3317.00 ft (KB)
Start Date: 2013.05.18 End Date: 2013.05.19
Start Time: 21:30:05 End Time: 04:50:50

Capacity: 8000.00 psig
Last Calib.: 2013.05.19
Time On Btm: 2013.05.18 @ 23:49:10
Time Off Btm: 2013.05.19 @ 02:20:39

TEST COMMENT: IF-30- SBB, BOB in 4 min
ISI-45- NBB
FF-30- SBB, BOB 7 min
FSI-45- NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1573.47	96.72	Initial Hydro-static
1	44.87	96.23	Open To Flow (1)
31	227.33	102.30	Shut-In(1)
76	869.40	101.52	End Shut-In(1)
76	233.37	101.32	Open To Flow (2)
106	383.05	103.10	Shut-In(2)
151	842.55	102.98	End Shut-In(2)
152	1525.22	103.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
272.00	Mud 100%	3.82
504.00	Water 100%	7.07
0.00	Oil Specks on top of tool	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51617 **DST#: 2**

Test Start: 2013.05.18 @ 21:30:00

GENERAL INFORMATION:

Formation: **LKC A-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:49:40
Time Test Ended: 04:50:50

Test Type: Conventional Bottom Hole (Initial)
Tester: Randy Williams
Unit No: 68

Interval: 3251.00 ft (KB) To 3334.00 ft (KB) (TVD)
Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

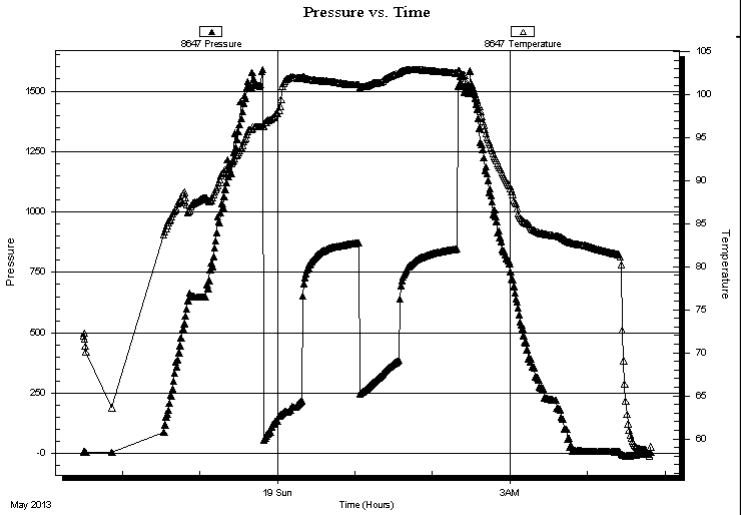
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: psig @ 3317.00 ft (KB)
Start Date: 2013.05.18 End Date: 2013.05.19
Start Time: 21:30:05 End Time: 04:49:20

Capacity: 8000.00 psig
Last Calib.: 2013.05.19
Time On Btm:
Time Off Btm:

TEST COMMENT: IF-30- SBB, BOB in 4 min
ISI-45- NBB
FF-30- SBB, BOB 7 min
FSI-45- NBB



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
272.00	Mud 100%	3.82
504.00	Water 100%	7.07
0.00	Oil Specks on top of tool	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51617 **DST#: 2**

Test Start: 2013.05.18 @ 21:30:00

Tool Information

Drill Pipe:	Length:	3251.00 ft	Diameter:	3.80	inches	Volume:	45.60	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25	inches	Volume:	0.00	bbl	
						Total Volume:	45.60	bbl	

Drill Pipe Above KB:	21.00 ft
Depth to Top Packer:	3251.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	83.00 ft
Tool Length:	104.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		22000.00 lb
Weight to Pull Loose:		70000.00 lb
Tool Chased		3.00 ft
String Weight:	Initial	44000.00 lb
	Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3231.00		
Shut In Tool	5.00			3236.00		
Hydraulic tool	5.00			3241.00		
Packer	5.00			3246.00	21.00	Bottom Of Top Packer
Packer	5.00			3251.00		
Stubb	1.00			3252.00		
perforations	1.00			3253.00		
Change Over Sub	1.00			3254.00		
Blank Spacing	62.00			3316.00		
change Over Sub	1.00			3317.00		
Recorder	0.00	8844	Inside	3317.00		
Recorder	0.00	8647	Outside	3317.00		
Perforations	14.00			3331.00		
Bullnose	3.00			3334.00	83.00	Bottom Packers & Anchor
Total Tool Length:	**104.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51617 **DST#: 2**

Test Start: 2013.05.18 @ 21:30:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1900.00 ppm				
Filter Cake:	5.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
272.00	Mud 100%	3.815
504.00	Water 100%	7.070
0.00	Oil Specks on top of tool	0.000

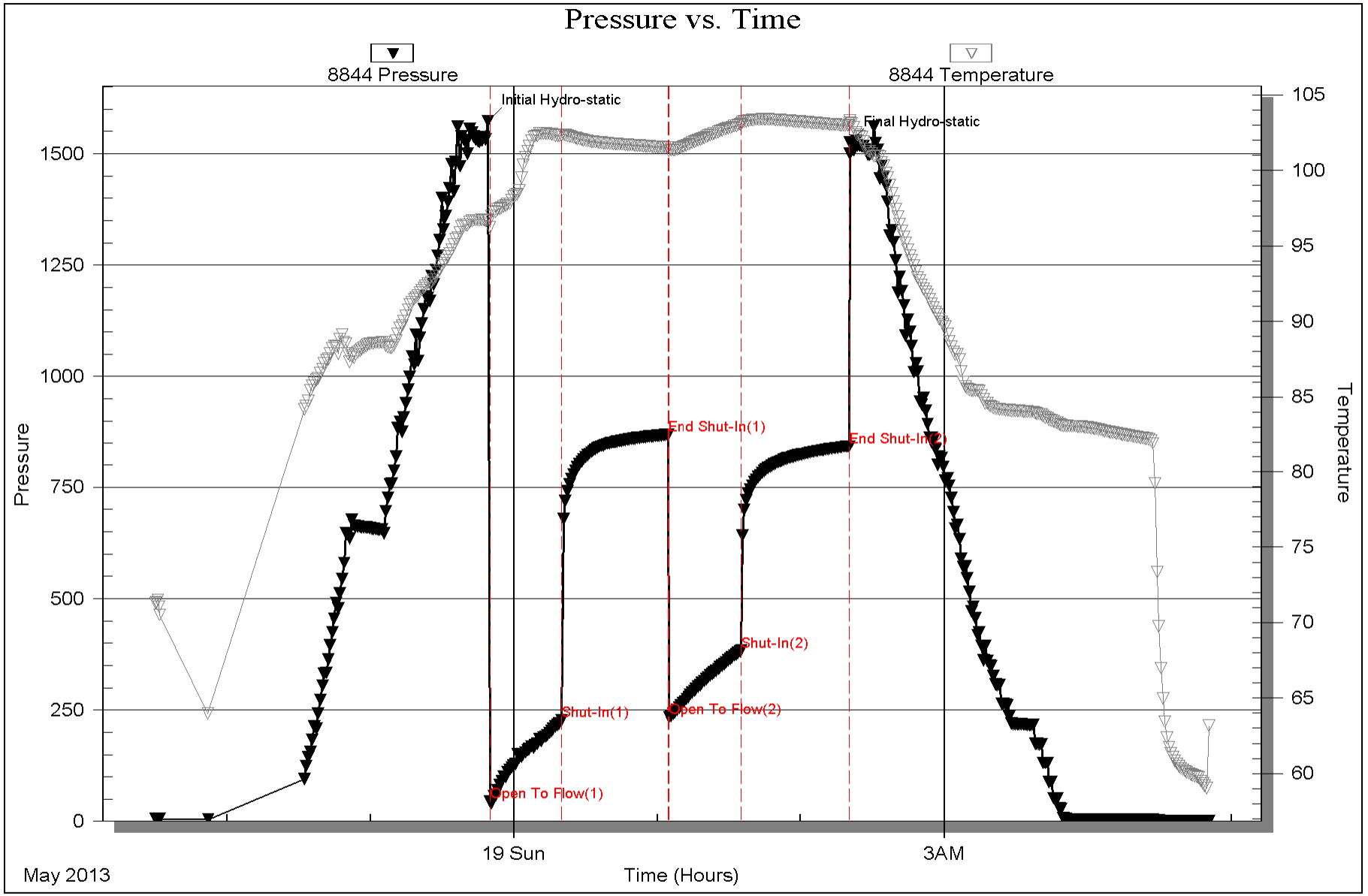
Total Length: 776.00 ft Total Volume: 10.885 bbl

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

Laboratory Name: Laboratory Location:

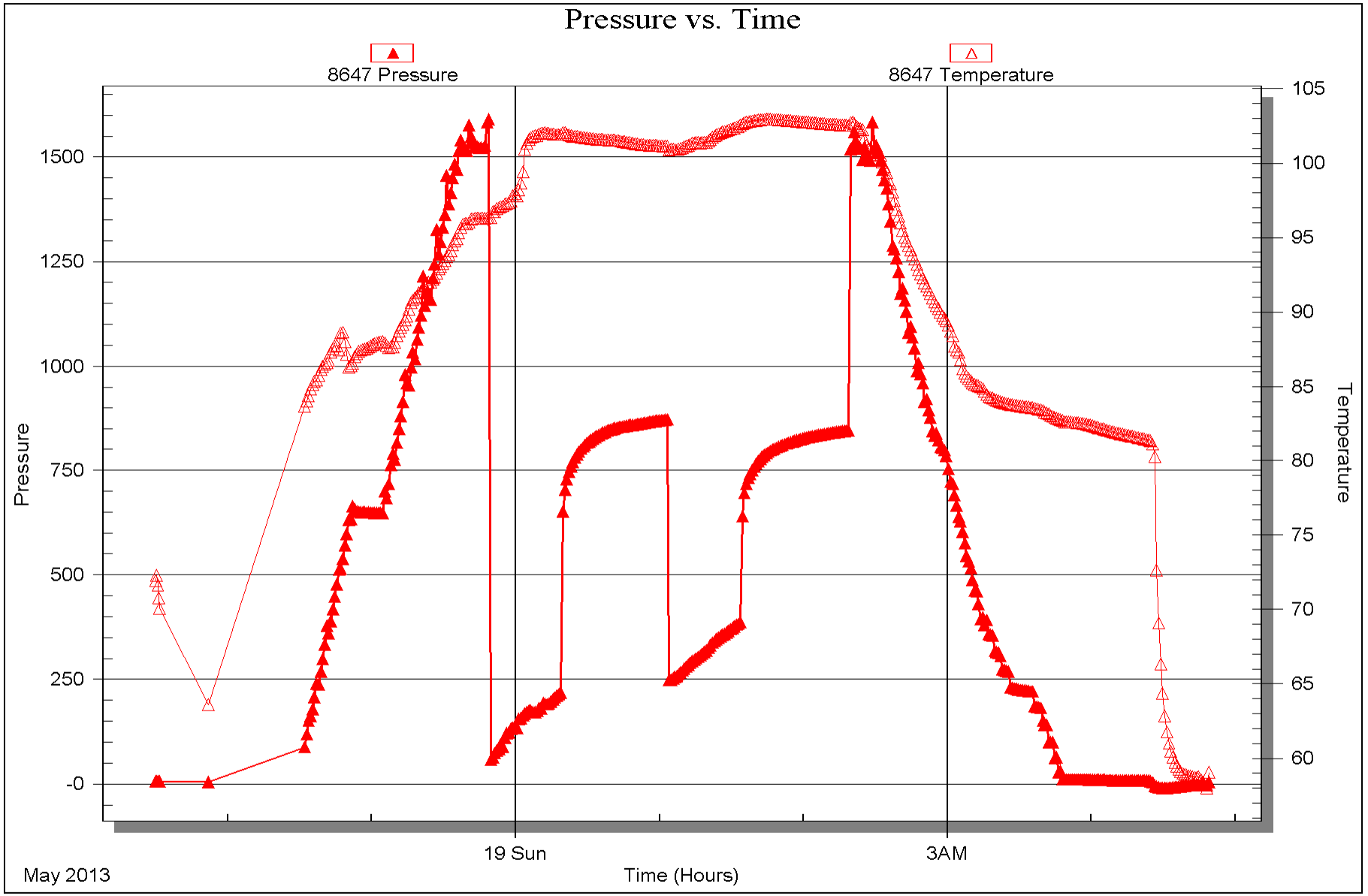
Recovery Comments: Rw 1.0 @ 57.2 = 7200.0

Serial #: 8844 **Inside** Gore Oil Co Toelkes #1 DST Test Number: 2

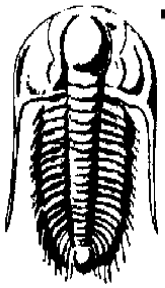


Trilobite Testing, Inc Ref. No: 51617 Printed: 2013.05.24 @ 11:08:47

Serial #: 8647 **Outside** Gore Oil Co Toelkes #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 51617 Printed: 2013.05.24 @ 11:08:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Gore Oil Co**

PO Box 2757
Wichita, KS 67202

ATTN: Marc Downing

Toelkes #1

11-9S-18W Rooks,KS

Start Date: 2013.05.19 @ 16:40:00
End Date: 2013.05.19 @ 23:56:09
Job Ticket #: 51618 DST #: 3

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

Printed: 2013.05.24 @ 11:05:40

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51618 **DST#: 3**

Test Start: 2013.05.19 @ 16:40:00

GENERAL INFORMATION:

Formation: **LKC I & J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:41:00
Time Test Ended: 23:56:09

Test Type: Conventional Bottom Hole (Initial)
Tester: RANDY WILLIAMS
Unit No: 68

Interval: 3408.00 ft (KB) To 3450.00 ft (KB) (TVD)
Total Depth: 3450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

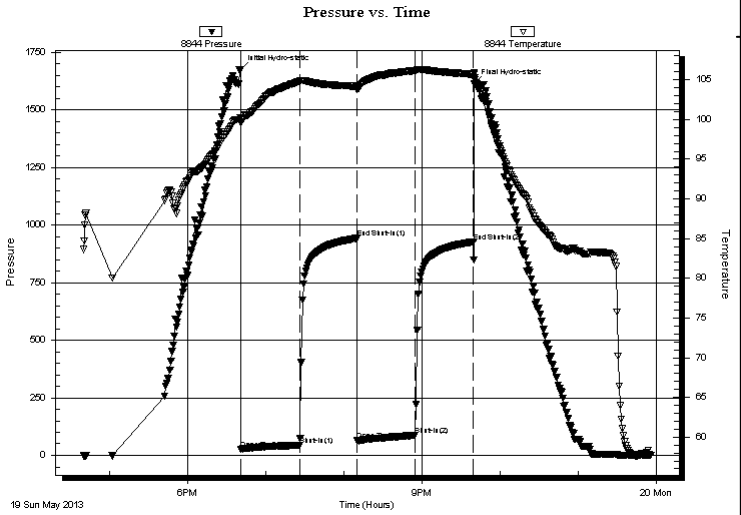
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8844 **Inside**

Press@RunDepth: 87.89 psig @ 3409.00 ft (KB)
Start Date: 2013.05.19 End Date: 2013.05.19
Start Time: 16:40:05 End Time: 23:56:10

Capacity: 8000.00 psig
Last Calib.: 2013.05.20
Time On Btm: 2013.05.19 @ 18:40:40
Time Off Btm: 2013.05.19 @ 21:40:00

TEST COMMENT: IF-45- FBB, Built to 9"
ISI-45- NBB
FF-45- FBB Built to 6"
FSI-45- NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.43	100.24	Initial Hydro-static
1	26.41	99.64	Open To Flow (1)
46	44.99	104.82	Shut-In(1)
90	942.90	104.19	End Shut-In(1)
90	63.47	103.77	Open To Flow (2)
134	87.89	106.14	Shut-In(2)
179	927.73	105.71	End Shut-In(2)
180	1615.20	105.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
131.00	Water 100%	1.84
10.00	Mud 100%	0.14

Gas Rates

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

DRILL STEM TEST REPORT

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51618 **DST#: 3**

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Tester: RANDY WILLIAMS
Unit No: 68

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Total Depth: 3450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

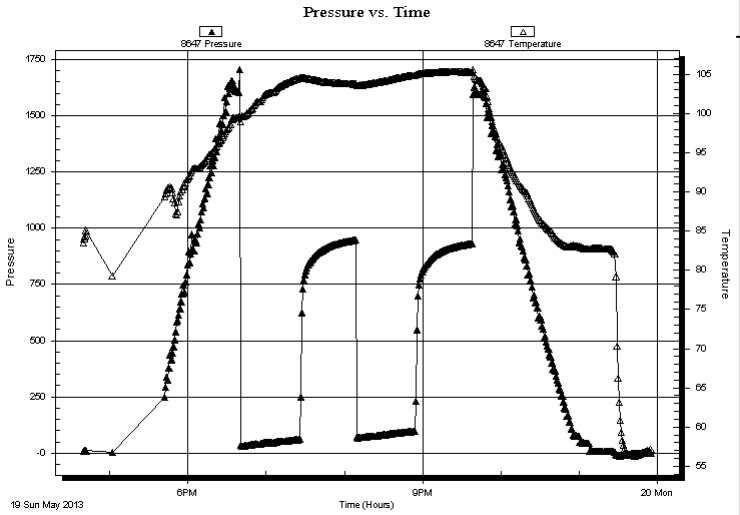
Reference Elevations: 2074.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: psig @ 3409.00 ft (KB)
Start Date: 2013.05.19 End Date: 2013.05.19
Start Time: 16:40:05 End Time: 23:54:40

Capacity: 8000.00 psig
Last Calib.: 2013.05.20
Time On Btm:
Time Off Btm:

TEST COMMENT: IF-45- FBB, Built to 9"
ISI-45- NBB
FF-45- FBB Built to 6"
FSI-45- NBB



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
131.00	Water 100%	1.84
10.00	Mud 100%	0.14

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51618 **DST#: 3**

Test Start: 2013.05.19 @ 16:40:00

Tool Information

Drill Pipe:	Length:	3408.00 ft	Diameter:	3.80	inches	Volume:	47.81	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25	inches	Volume:	0.00	bbl	
						Total Volume:	47.81	bbl	

Drill Pipe Above KB:	21.00 ft
Depth to Top Packer:	3408.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	42.00 ft
Tool Length:	63.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		22000.00 lb
Weight to Pull Loose:		60000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	44000.00 lb
	Final	47000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3388.00		
Shut In Tool	5.00			3393.00		
Hydraulic tool	5.00			3398.00		
Packer	5.00			3403.00	21.00	Bottom Of Top Packer
Packer	5.00			3408.00		
Stubb	1.00			3409.00		
Recorder	0.00	8844	Inside	3409.00		
Recorder	0.00	8647	Outside	3409.00		
Perforations	38.00			3447.00		
Bullnose	3.00			3450.00	42.00	Bottom Packers & Anchor
Total Tool Length:	**63.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Co

PO Box 2757
Wichita, KS 67202

ATTN: Marc Dow ning

11-9S-18W Rooks,KS

Toelkes #1

Job Ticket: 51618 **DST#: 3**

Test Start: 2013.05.19 @ 16:40:00

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:	34000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2100.00 ppm				
Filter Cake:	5.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
131.00	Water 100%	1.838
10.00	Mud 100%	0.140

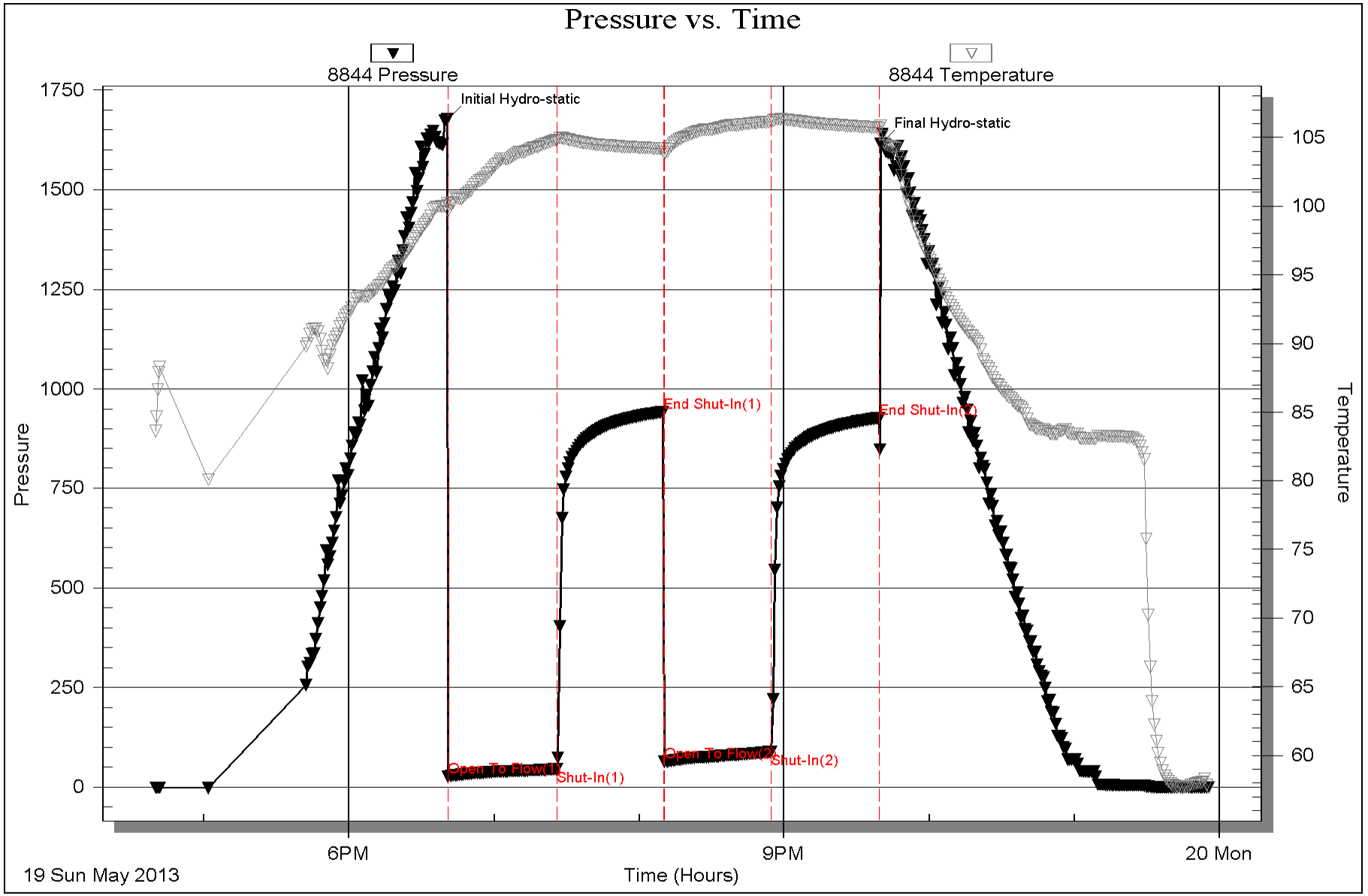
Total Length: 141.00 ft Total Volume: 1.978 bbl

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

Laboratory Name: Laboratory Location:

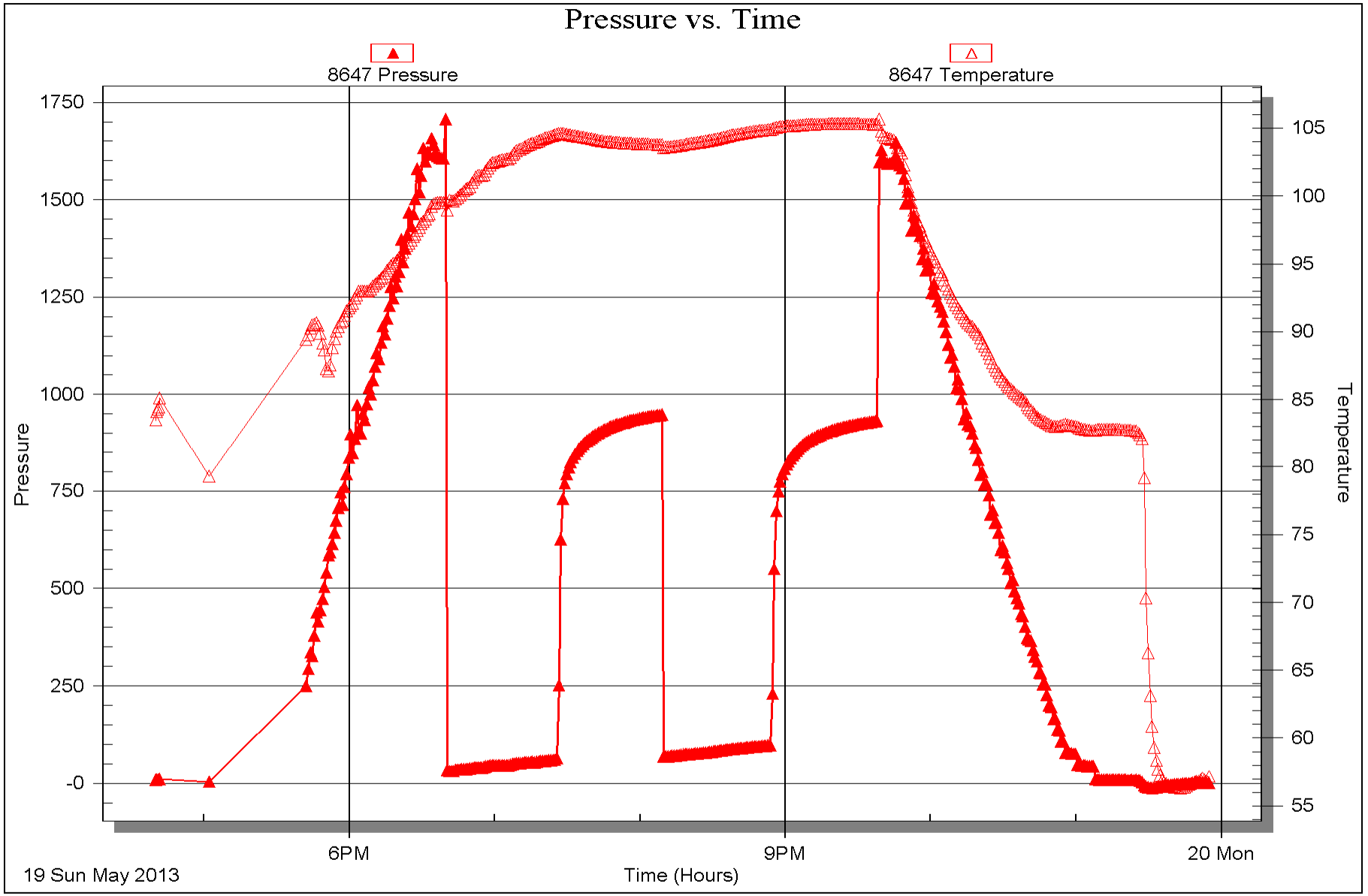
Recovery Comments: Rw = .302 @ 54 DEG = 34000.0

Serial #: 8844 **Inside** Gore Oil Co Toelkes #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 51618 Printed: 2013.05.24 @ 11:05:43

Serial #: 8647 **Outside** Gore Oil Co Toelkes #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 51618 Printed: 2013.05.24 @ 11:05:44

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 51616

Well Name & No. TOELKES # 1 Test No. #1 Date 5-18-13

Company GORE OIL COMPANY Elevation 2074 KB 2065 GL

Address 202 S ST FRANCIS P.O. BOX 2757 WICHITA KS 67202

Co. Rep / Geo. MARK Rig MAVERICK # 108

Location: Sec. 11 Twp. 9S Rge. 18W Co. ROOKS State KS

Interval Tested 3251-3334 Zone Tested A-D

Anchor Length 83 Drill Pipe Run 3235 Mud Wt. 9.1

Top Packer Depth 3246 Drill Collars Run NA Vis 53

Bottom Packer Depth 3251 Wt. Pipe Run NA WL 6.8

Total Depth 3334 Chlorides 1,900 ppm System LCM 5

Blow Description SBB

Rec 744	Feet of MUD	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of MISS RUN	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic	☒ Test 1150	T-On Location 11:00
(B) First Initial Flow	☐ Jars	T-Started 11:10
(C) First Final Flow	☐ Safety Joint	T-Open 14:20
(D) Initial Shut-In	☐ Circ Sub	T-Pulled 14:30
(E) Second Initial Flow	☐ Hourly Standby	T-Out 18:20
(F) Second Final Flow	☒ Mileage 52 RTP 80.60	Comments
(G) Final Shut-In	☐ Sampler	
(H) Final Hydrostatic	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open	☐ Extra Packer	☐ Extra Copies
Initial Shut-In	☐ Extra Recorder	Sub Total 0
Final Flow	☐ Day Standby	Total 1230.60
Final Shut-In	☐ Accessibility	MP/DST Disc't
	Sub Total 1230.60	

Approved By Our Representative

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 51617

Well Name & No. TOELKES # 1 Test No. 2 Date 5-18-13

Company GORE OIL CO Elevation 2074 KB 2065 GL

Address ~~2000~~ P.O. BOX 2757 WICHITA KS 67202

Co. Rep / Geo. MARK Rig MAVERICK #108

Location: Sec. 11 Twp. 9S Rge. 18W Co. ROOKS State KS

Interval Tested 3251 - 3334 Zone Tested LKC A-D

Anchor Length 83 Drill Pipe Run 3251 Mud Wt. 9.1

Top Packer Depth 3246 Drill Collars Run NA Vis 53

Bottom Packer Depth 3251 Wt. Pipe Run NA WL 6.8

Total Depth 3334 Chlorides 1,900 ppm System LCM 5

Blow Description IF-30-SBB, BUILT BOTTOM BUCKET 4 MIN'S
ISI-45-NBB
FF-30-SBB, BUILT BOTTOM BUCKET 7 MIN'S
FSI-45-

Rec 272	Feet of MUD	%gas	%oil	%water	100	%mud
Rec 504	Feet of WATER	%gas	%oil	100	%water	%mud
Rec	Feet of OIL SPECS ONTOP OF TOOL	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud

Rec Total 776 BHT 103 Gravity ____ API RW 1.0 @ 57.2 °F Chlorides 7200 ppm

(A) Initial Hydrostatic ~~1546~~ 1,573	☒ Test 1150	T-On Location 18:20	
(B) First Initial Flow 45	☐ Jars	T-Started 22:00	
(C) First Final Flow 227	☐ Safety Joint	T-Open 23:50	
(D) Initial Shut-In 869	☐ Circ Sub	T-Pulled 02:20	
(E) Second Initial Flow 233	☐ Hourly Standby	T-Out 06:50	
(F) Second Final Flow 383	☒ Mileage 52 RTP 80.60	Comments	
(G) Final Shut-In 843	☐ Sampler		
(H) Final Hydrostatic 1,525	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 30	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 45	☐ Extra Recorder	Sub Total 0	
Final Flow 30	☐ Day Standby	Total 1230.60	
Final Shut-In 45	☐ Accessibility	MP/DST Disc't	
	Sub Total 1230.60		

Approved By ____ Our Representative ____

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 51618

Well Name & No. TOELKES #1 Test No. 3 Date 5-19-13

Company GORE OIL CO Elevation 2074 KB 2065 GL

Address P.O. BOX 2757 WICHITA KS 67202

Co. Rep / Geo. MARK Rig MAVERICK #108

Location: Sec. 11 Twp. 9S Rge. 18W Co. ROOKS State KS

Interval Tested 3408-3450 Zone Tested LKC I+J

Anchor Length 42 Drill Pipe Run 3408 Mud Wt. 9.1

Top Packer Depth 3403 Drill Collars Run NA Vis 55

Bottom Packer Depth 3408 Wt. Pipe Run NA WL 7.2

Total Depth 3450 Chlorides 2,100 ppm System LCM 5

Blow Description IF-45-FBB, BUILT 9 INCH'S
ISI-45-NBB
FF-45-FBB, BUILT 6 INCH'S
FSI-45-NBB

Rec 131	Feet of WATER	%gas	%oil	100	%water	%mud
Rec 10	Feet of MUD	%gas	%oil	%water	100	%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud

Rec Total 141 BHT 106 Gravity ____ API RW .302 @ 54 °F Chlorides 34000 ppm

(A) Initial Hydrostatic	1,675	☒ Test	1150	T-On Location	15:45
(B) First Initial Flow	26	☐ Jars		T-Started	15:50
(C) First Final Flow	45	☐ Safety Joint		T-Open	18:40
(D) Initial Shut-In	943	☐ Circ Sub		T-Pulled	21:40
(E) Second Initial Flow	63	☐ Hourly Standby		T-Out	23:50
(F) Second Final Flow	88	☒ Mileage	52 RTP 80.60	Comments	
(G) Final Shut-In	928	☐ Sampler			
(H) Final Hydrostatic	1,615	☐ Straddle			
		☐ Shale Packer		☐ Ruined Shale Packer	
Initial Open	45	☐ Extra Packer		☐ Ruined Packer	
Initial Shut-In	45	☐ Extra Recorder		☐ Extra Copies	
Final Flow	45	☐ Day Standby		Sub Total	0
Final Shut-In	45	☐ Accessibility		Total	1230.60
		Sub Total	1230.60	MP/DST Disc't	

Approved By ____ Our Representative ____

CONSOLIDATED
Oil Well Services, LLC

258813

TICKET NUMBER 39970
LOCATION Oakley, KS
FOREMAN Kelly Gabel

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-14-13	3373	Toelkes #1	11	9	18	Rooks KS

CUSTOMER: Gore Oil
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

Plainville
3 N
1/4 W
N into

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Cory		
693	Tim		
	Stan		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 263 CASING SIZE & WEIGHT 8 5/8 24#
CASING DEPTH 263 DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.8 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 20'
DISPLACEMENT 15 1/2 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting, rigged up on Maverick #108, hooked up to circulate, mixed 180 sks com 3% cc 2% gel, displaced with 15 1/2 bbl water, shut in, washed pumps & lines, rigged down

cement did circulate

Approx 7 bbl to pit

Thank You
Kelly & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	45	MILEAGE	5.25	236.25
11045	180 sks	Class A Cement	18.55	3339.00
1102	508#	Calcium chloride	.84	417.53
1118B	338#	Bentonite	.27	91.26
5407A	8.46	Ton mileage delivery	1.75	666.45
				5960.48
		Less 10%		596.05
				5364.43
			SALES TAX	221.57
			ESTIMATED TOTAL	5586.00

completed

Ravin 3737

AUTHORIZTION _____ TITLE Toolpusher DATE 5-14-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

ALLIED
CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO. ____

Date 5-20-13 District Russell Ticket No. 54114
Company Gore Oil Rig [illegible] #108
Lease Tuttles Well No. 1
County Rooks State KS
Location Plainville KS 3W W/N into Field ____

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☐ Intermediate ☐ Production ☐ Liner ☐

Size ____ Type ____ Weight ____ Collar ____

Casing Depths: Top ____ Bottom ____

Drill Pipe: Size 4½ Weight 16.6 Collars ____
Open Hole: Size ____ T.D. ____ ft. P.B. to ____ ft.

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____
Open Holes:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____
Drill Pipe:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____
Annulus:	Bbls/Lin. ft. .01422	Lin. ft./Bbl. ____
	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____

Perforations: From ____ ft. to ____ ft. Amt. ____

CEMENT DATA:
Spacer Type: ____
Amt. ____ Sks Yield ____ ft³/sk Density ____ PPG

LEAD: Pump Time ____ hrs. Type 60/40 4% gel
1/4 # flo Excess ____
Amt. 220 Sks Yield 1.42 ft³/sk Density 13.8 PPG
TAIL: Pump Time ____ hrs. Type ____
Excess ____
Amt. ____ Sks Yield ____ ft³/sk Density ____ PPG
WATER: Lead 6.9 gals/sk Tail ____ gals/sk Total ____ Bbls.

Pump Trucks Used 409 - Kevin R
Bulk Equip. 473 - Nathan D

Float Equip: Manufacturer ____
Shoe: Type ____ Depth ____
Float: Type ____ Depth ____
Centralizers: Quantity ____ Plugs Top ____ Btm. ____
Stage Collars ____
Special Equip. ____
Disp. Fluid Type ____ Amt. ____ Bbls. Weight ____ PPG
Mud Type ____ Weight ____ PPG

COMPANY REPRESENTATIVE [signature] CEMENTER [signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Arrive on location
						Safety meeting
						Set up
			4 bbl			mix 25 sk @ 1415
			17 bbl			displace water
			15 bbl			displace mud
			16½ bbl			mix 100 sk @ 850
			5 bbl			displace with water
			6½ bbl			mix 40 sk @ 310
			2½ bbl			displace with water
			2 bbl			mix 10 sk @ 10
			5 bbl			mix 30 sk in RH
			2½ bbl			mix 15 sk in MH
						wash clean
						pump 25 water
						rig down
						leave location

FINAL DISP. PRESS: ____ PSI BUMP PLUG TO ____ PSI BLEEDBACK ____ BBLS. THANK YOU

MILLER PRINTERS, INC. - Great Bend, KS

LOG

COMPANY Gore Oil Co.

WELL Toelkes #1

FIELD Wildcat

LOCATION 550' FSL & 2970' FEL

SEC. 11 TWP. 9s RGE. 18w

COUNTY Rooks

STATE Kansas

9s 18w

11

PRODUCTION D+A

ELEVATION KB 2073
DF
GL 2065

Drilling Measured From KB

Samples Saved From 3000 to TD

Drilling Time From 2900 to TD

Samples Examined From 3000 to TD

Geological Supervision From 2900 to Total Depth

Wellsite Geologist Marc Downing

Electrical Surveys Pioneer
CNL/CDL
DIL
MEL

OPERATOR Gore Oil Co.

CONTRACTOR Maverick Rig #109

COMM: 5-14-13 COMP: 5-20-13

CASING RECORD

SURF: 8⅝" @ PROD: None

TOTAL DEPTH DRILLERS: 3590'

TOTAL DEPTH LOG: 3578'

REMARKS AND RECOMMENDATIONS Due to structural position, DST recovery, & log evaluation, it was decided to plug & abandon the well.

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Top Anhydrite	NA	1393	+680	+6
Base Anhydrite	NA	1428	+645	+8
Topeka	3013	3005	-932	-5
HEEBNER	3221	3217	-1144	-5
Toronto	3245	3239	-1166	-3
LKC	3264	3259	-1186	-5
BKC	3490	3485	-1412	-7

32

REFERENCE WELL FOR STRUCTURE Graves Drilling
O'Brien 'A' #1 OWWO N/2-S/2-SE Sec. 11-9s-18w

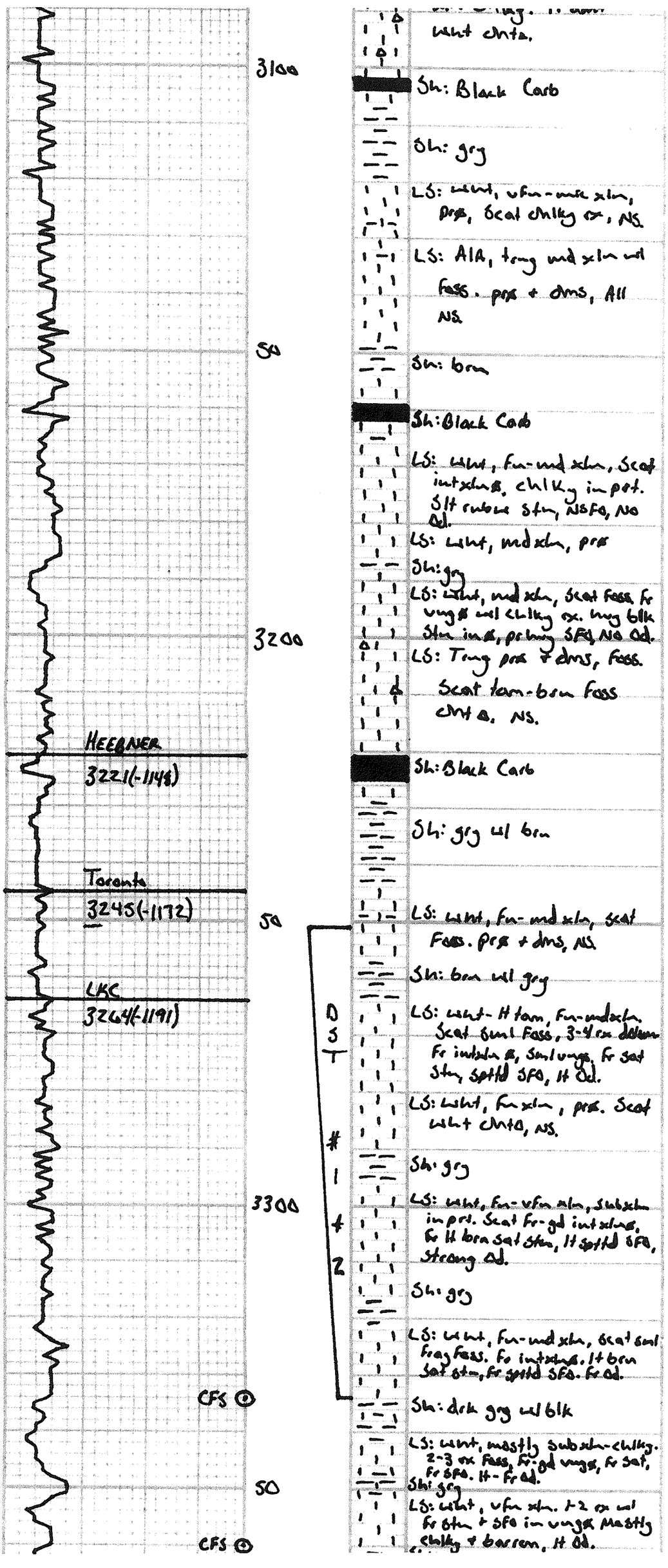
LEGEND

Limestone
Chalk
Conglomerate
Shale
Sandstone
Salt
Anhydrite

LEGEND

Anhydrite | Salt | Sandstone | Shale | Carb. | Limestone | Dolomite | Gypsum | Igneous

DRILLING TIME IN MINUTES PER FOOT (Rate of Penetration Decreases →)	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	SAMPLE NUMBERS	REMARKS
	2900				
	50				
	3000		Sh: gry		
Topeka			LS: tan - brn wl gry. Foss,		
3013 (-940)			pcsl, dns.		
			Sh: gry		
			LS: Mostly AIA, trng wkst in prt.		
			Sh: gry		
			LS: wkst - lt tan, fn-md xln. Scat pcsl, Subxln- chlky, NS.		
	50		Sh: gry		
			LS: wkst, md xln, pcsl, Scat Foss.		
			LS: AIA, trng sltly mtld, Subxln.		
			LS: wkst, Foss, mtld. Sub xln-chlky. fr amt wkst chts.		
	3100		Sh: Black Carb		
			Sh: gry		



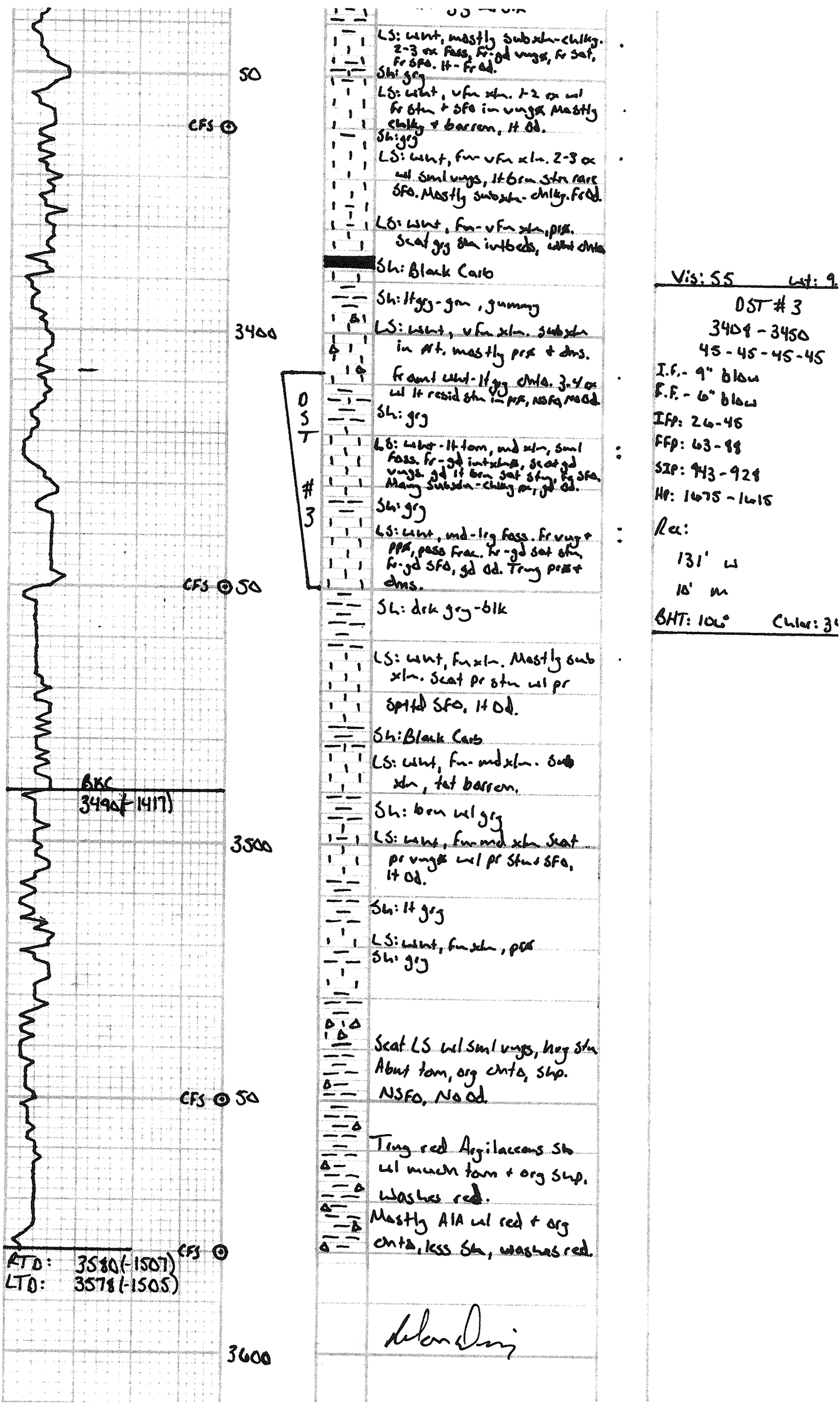
Vis: 53 Wt: 9.1

DST #1
3251 - 3334
*15' of solid fill in wal
Stacked out, tool ope
packer failed. Mis-run

Rec: 744' mud

DST #1
3251 - 3334
30-45-30-46
I.F.- BOB 4 min
F.F.- BOB 7 min
IFP: 46 - 227
FFP: 233 - 393
SIP: 869 - 843
HP: 1573 - 1625
Rec:
272' mud
504' w. oil spots o

BHT: 163°



Vis: 55 wt: 9

DST #3

3409 - 3450

45 - 45 - 45 - 45

I.F. - 9" blow

F.F. - 6" blow

IFP: 26-46

FFP: 63-88

SIP: 943-929

HP: 1675 - 1615

Rec:

131' wt

10' m

BHT: 106° Chlor: 3