

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	LYND 8
Doc ID	1482179

All Electric Logs Run

Dual Comp Porosity Log
Microresistivity Log
Dual Induction Log
Dual Receiver Cement Bond Log
Geologic Report Log



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #8

28-11s-21w Trego,KS

Start Date: 2019.09.29 @ 23:45:00

End Date: 2019.09.30 @ 08:24:02

Job Ticket #: 65999 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.10.04 @ 09:00:16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202+2757
 ATTN: Chuck Schmalz

28-11s-21w Trego,KS
Lynd #8
 Job Ticket: 65999 **DST#: 1**
 Test Start: 2019.09.29 @ 23:45:00

GENERAL INFORMATION:

Formation: **LKC 'H-K'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:25:17
 Time Test Ended: 08:24:02
 Interval: **3740.00 ft (KB) To 3840.00 ft (KB) (TVD)**
 Total Depth: 3840.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2322.00 ft (KB)
 2317.00 ft (CF)
 KB to GR/CF: 5.00 ft

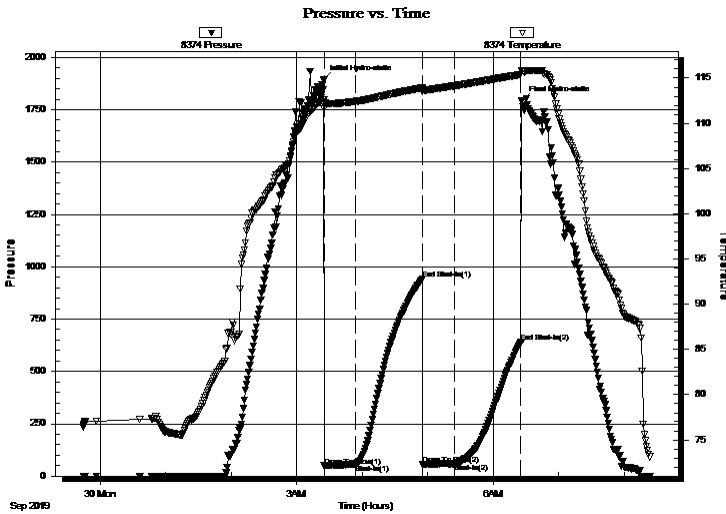
Serial #: 8374

Inside

Press@RunDepth: 59.60 psig @ 3743.00 ft (KB) Capacity: psig
 Start Date: 2019.09.29 End Date: 2019.09.30 Last Calib.: 2019.09.30
 Start Time: 23:45:01 End Time: 08:24:02 Time On Btm: 2019.09.30 @ 03:25:02
 Time Off Btm: 2019.09.30 @ 06:26:17

TEST COMMENT: 30-IF-Weak; Built to 1/2"
 60-ISI-No Return
 30-FF-No Blow
 60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.44	112.64	Initial Hydro-static
1	48.89	111.63	Open To Flow (1)
30	56.73	112.42	Shut-In(1)
90	941.58	113.89	End Shut-In(1)
91	57.50	113.54	Open To Flow (2)
120	59.60	114.15	Shut-In(2)
180	639.09	115.42	End Shut-In(2)
182	1792.64	115.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 65999

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2019.09.29 @ 23:45:00

Tool Information

Drill Pipe:	Length: 3536.00 ft	Diameter: 3.82 inches	Volume: 50.12 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	50000.00 lb
Drill Pipe Above KB:	9.00 ft			Final	50000.00 lb
Depth to Top Packer:	3740.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	100.00 ft				
Tool Length:	129.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3712.00	
Shut In Tool	5.00			3717.00	
Hydraulic tool	5.00			3722.00	
Jars	5.00			3727.00	
Safety Joint	3.00			3730.00	
Packer	5.00			3735.00	29.00 Bottom Of Top Packer
Packer	5.00			3740.00	
Stubb	1.00			3741.00	
Perforations	1.00			3742.00	
Change Over Sub	1.00			3743.00	
Recorder	0.00	8374	Inside	3743.00	
Recorder	0.00	8372	Inside	3743.00	
Drill Pipe	93.00			3836.00	
Change Over Sub	1.00			3837.00	
Bullnose	3.00			3840.00	100.00 Bottom Packers & Anchor

Total Tool Length: 129.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 65999

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2019.09.29 @ 23:45:00

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: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3#LCM

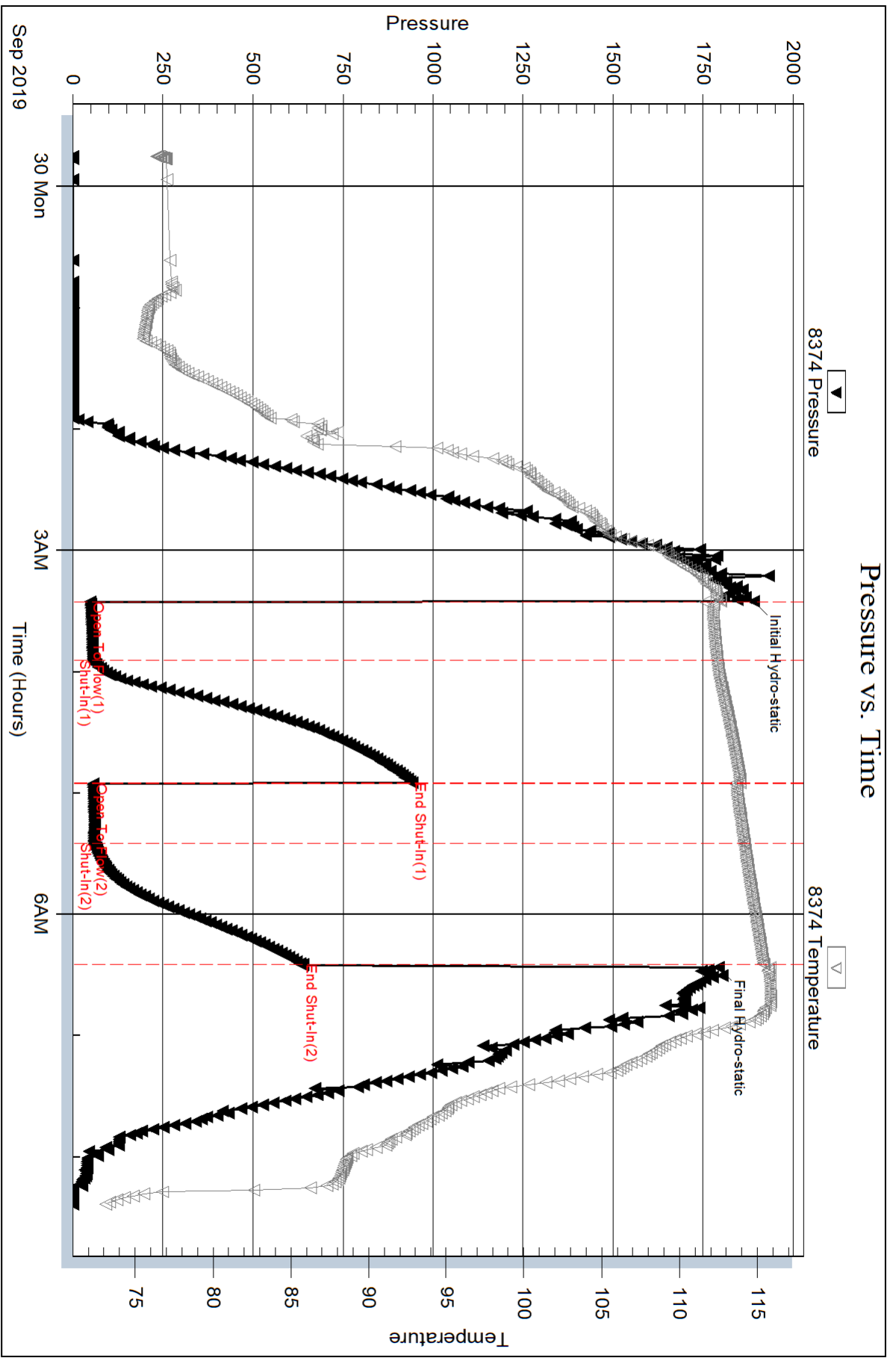
Serial #: 8374

Inside

Gore Oil Company

Lynd #8

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65999

Printed: 2019.10.04 @ 09:00:17

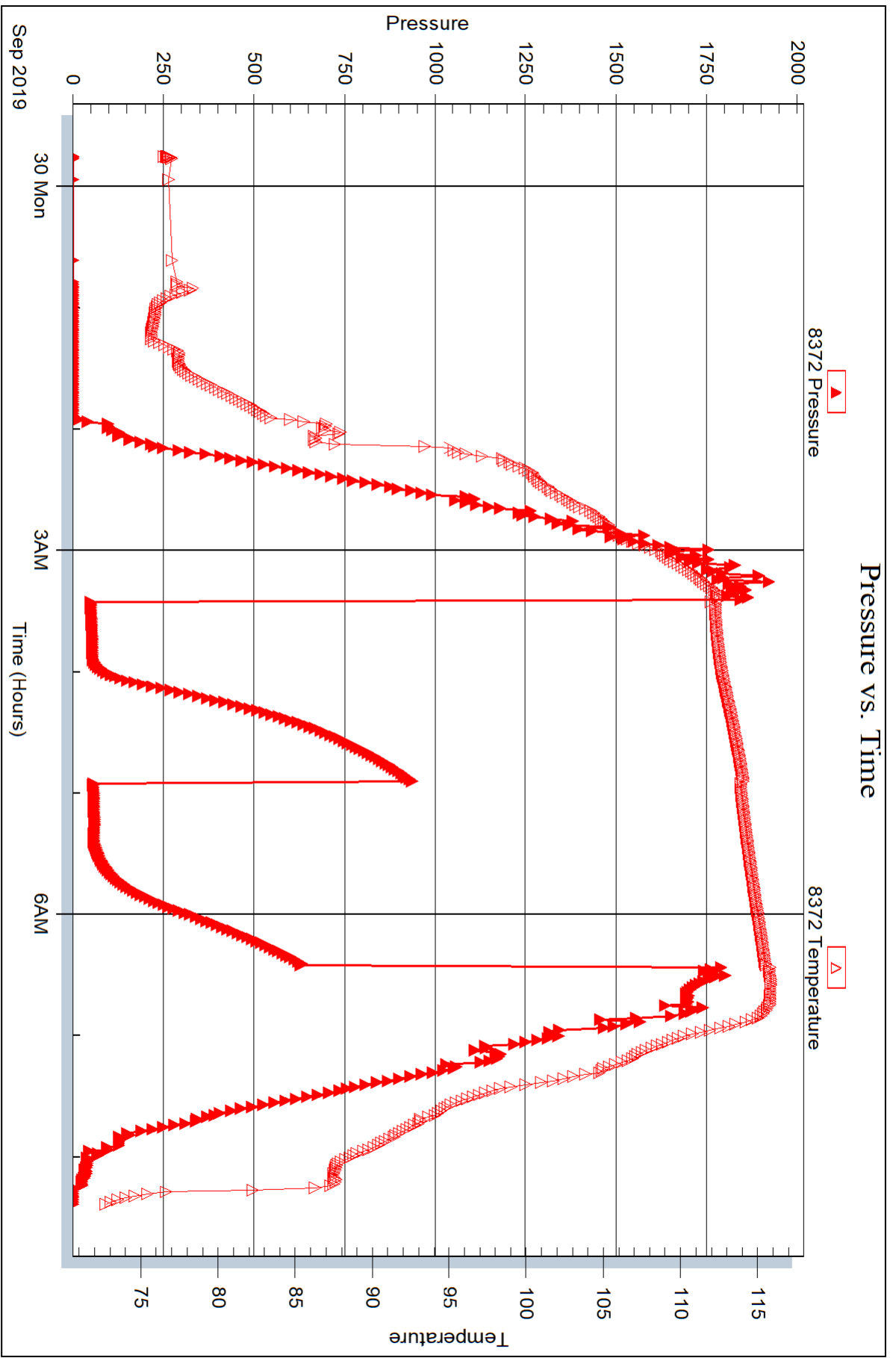
Serial #: 8372

Inside

Gore Oil Company

Lynd #8

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65999

Printed: 2019.10.04 @ 09:00:17



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #8

28-11s-21w Trego,KS

Start Date: 2019.09.30 @ 17:10:00

End Date: 2019.10.01 @ 01:47:02

Job Ticket #: 66000 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.10.04 @ 08:56:08



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202+2757
 ATTN: Chuck Schmalz

28-11s-21w Trego,KS
Lynd #8
 Job Ticket: 66000 **DST#: 2**
 Test Start: 2019.09.30 @ 17:10:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:06:32
 Time Test Ended: 01:47:02
 Interval: **3914.00 ft (KB) To 3940.00 ft (KB) (TVD)**
 Total Depth: 3940.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2322.00 ft (KB)
 2317.00 ft (CF)
 KB to GR/CF: 5.00 ft

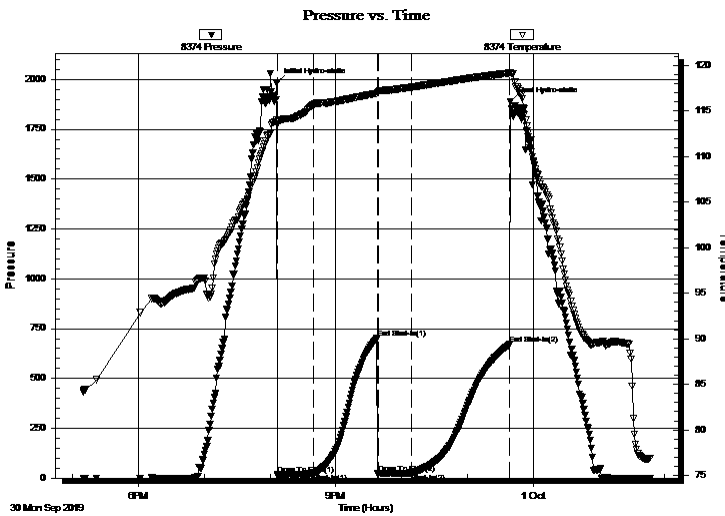
Serial #: 8374

Inside

Press@RunDepth: 26.04 psig @ 3915.00 ft (KB) Capacity: psig
 Start Date: 2019.09.30 End Date: 2019.10.01 Last Calib.: 2019.10.01
 Start Time: 17:10:01 End Time: 01:47:02 Time On Btm: 2019.09.30 @ 20:06:17
 Time Off Btm: 2019.09.30 @ 23:39:17

TEST COMMENT: 30-IF-Weak; Built to 1/2"
 60-ISI-No Return
 30-FF-No Blow
 90-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.52	113.98	Initial Hydro-static
1	16.97	113.55	Open To Flow (1)
34	21.95	115.70	Shut-In(1)
92	702.15	116.95	End Shut-In(1)
93	21.87	117.05	Open To Flow (2)
123	26.04	117.62	Shut-In(2)
213	671.04	119.19	End Shut-In(2)
214	1886.77	119.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MO 50%M 50%O	0.07
5.00	Clean Oil 100%O	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66000

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2019.09.30 @ 17:10:00

Tool Information

Drill Pipe:	Length: 3726.00 ft	Diameter: 3.82 inches	Volume: 52.82 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3914.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3886.00	
Shut In Tool	5.00			3891.00	
Hydraulic tool	5.00			3896.00	
Jars	5.00			3901.00	
Safety Joint	3.00			3904.00	
Packer	5.00			3909.00	29.00 Bottom Of Top Packer
Packer	5.00			3914.00	
Stubb	1.00			3915.00	
Recorder	0.00	8374	Inside	3915.00	
Recorder	0.00	8372	Outside	3915.00	
Perforations	22.00			3937.00	
Bullnose	3.00			3940.00	26.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66000

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2019.09.30 @ 17:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MO 50%M 50%O	0.074
5.00	Clean Oil 100%O	0.025

Total Length: 20.00 ft Total Volume: 0.099 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

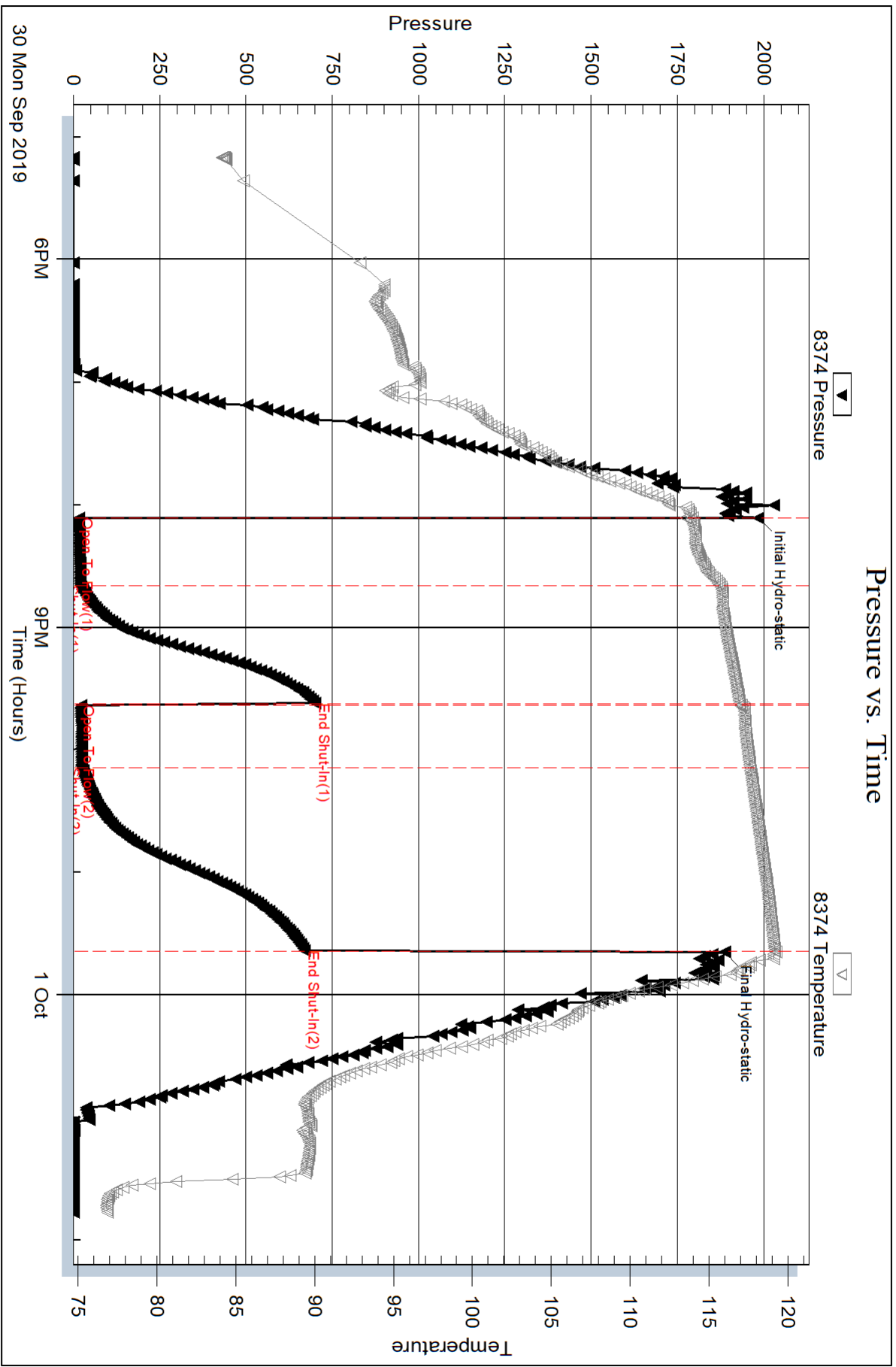
Serial #: 8374

Inside

Gore Oil Company

Lynd #8

DST Test Number: 2

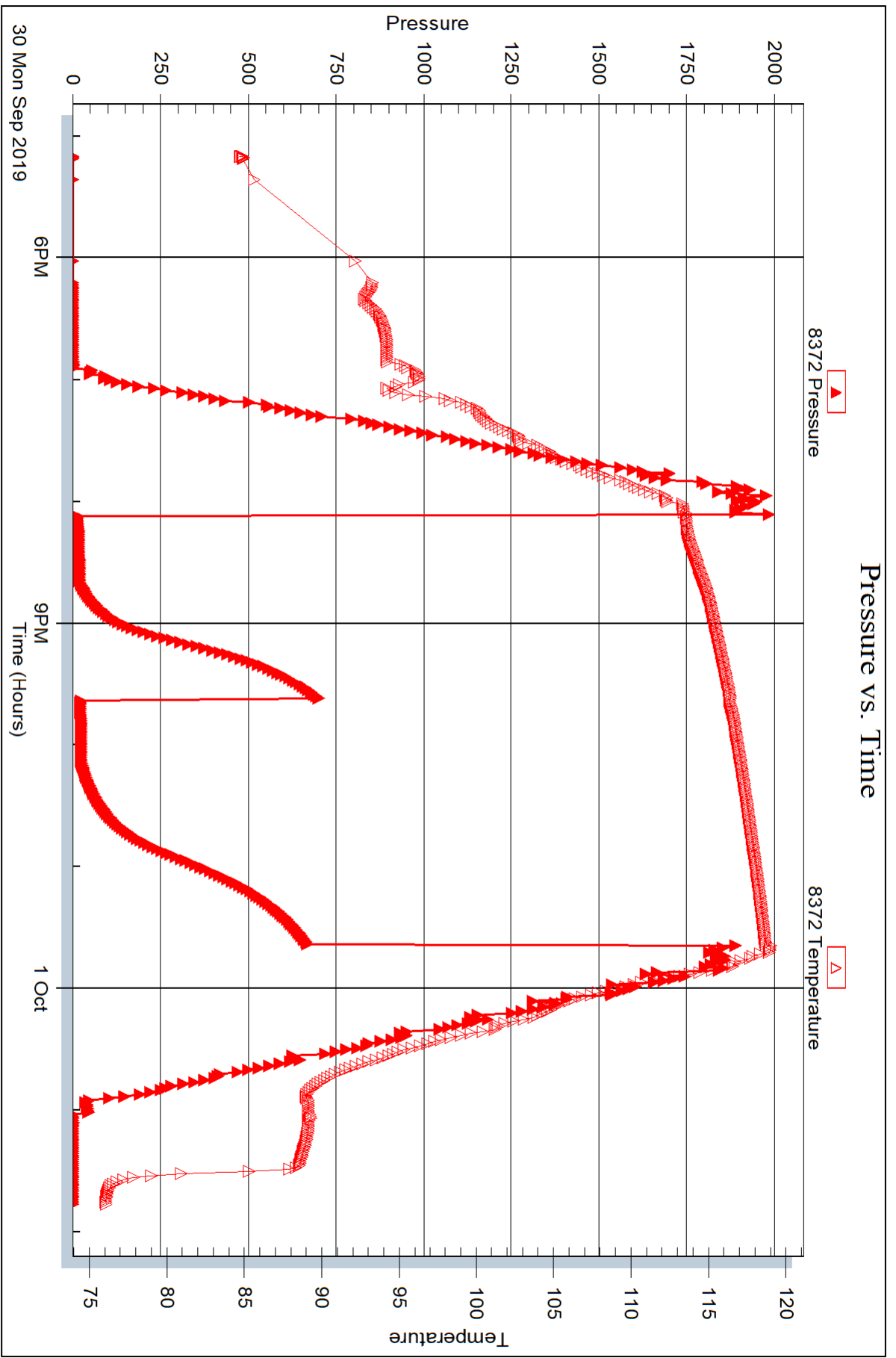


Serial #: 8372

Outside Gore Oil Company

Lynd #8

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #8

28-11s-21w Trego,KS

Start Date: 2019.10.01 @ 13:20:00

End Date: 2019.10.01 @ 20:51:02

Job Ticket #: 66351 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.10.04 @ 08:55:41



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66351

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2019.10.01 @ 13:20:00

Tool Information

Drill Pipe:	Length: 3755.00 ft	Diameter: 3.82 inches	Volume: 53.23 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	56000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	52000.00 lb
Drill Pipe Above KB:	33.00 ft			Final	52000.00 lb
Depth to Top Packer:	3935.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3907.00	
Shut In Tool	5.00			3912.00	
Hydraulic tool	5.00			3917.00	
Jars	5.00			3922.00	
Safety Joint	3.00			3925.00	
Packer	5.00			3930.00	29.00 Bottom Of Top Packer
Packer	5.00			3935.00	
Stubb	1.00			3936.00	
Perforations	2.00			3938.00	
Change Over Sub	1.00			3939.00	
Recorder	0.00	8374	Inside	3939.00	
Recorder	0.00	8372	Inside	3939.00	
Drill Pipe	32.00			3971.00	
Change Over Sub	1.00			3972.00	
Perforations	20.00			3992.00	
Bullnose	3.00			3995.00	60.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66351

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2019.10.01 @ 13:20:00

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: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

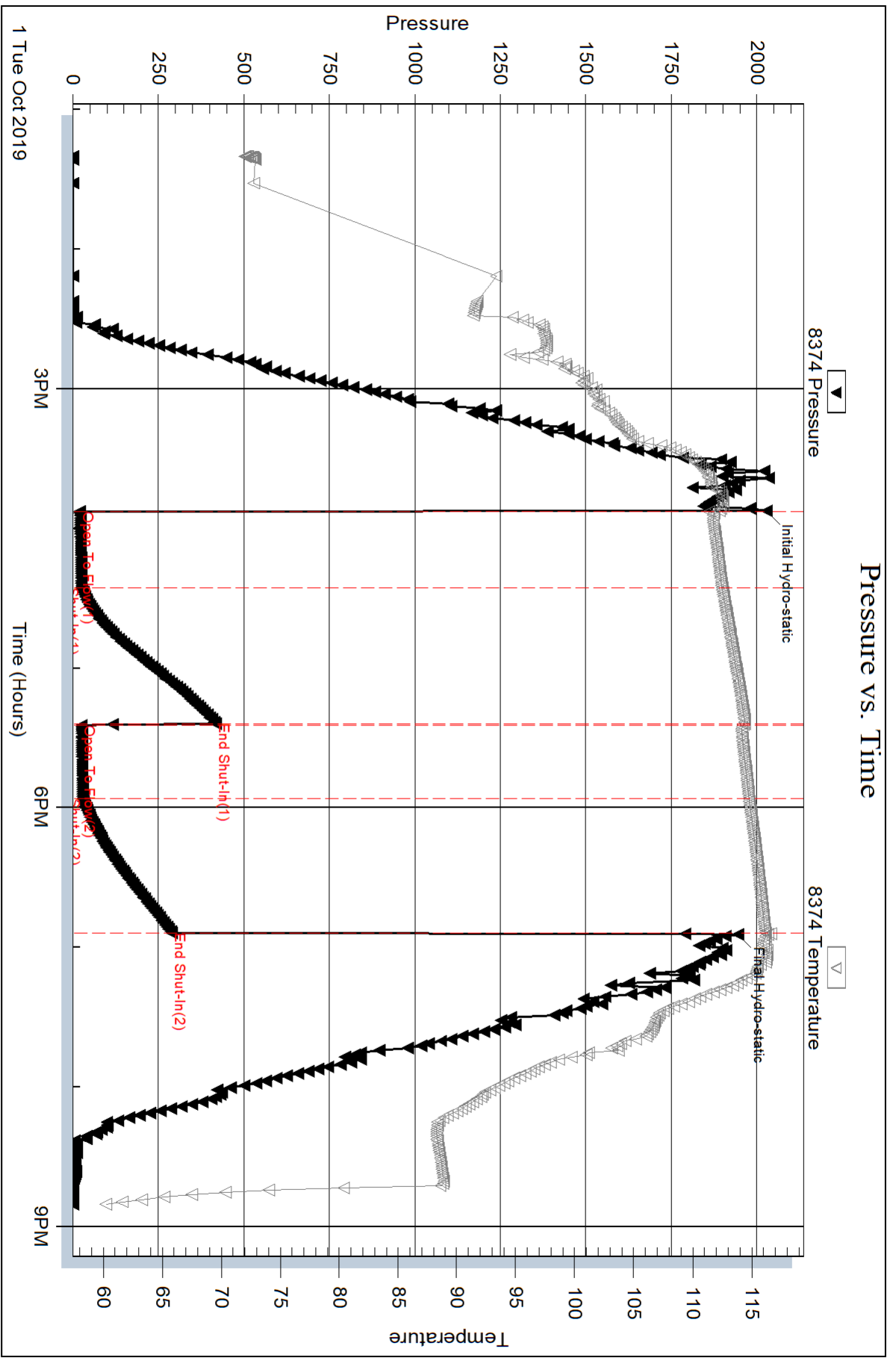
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM



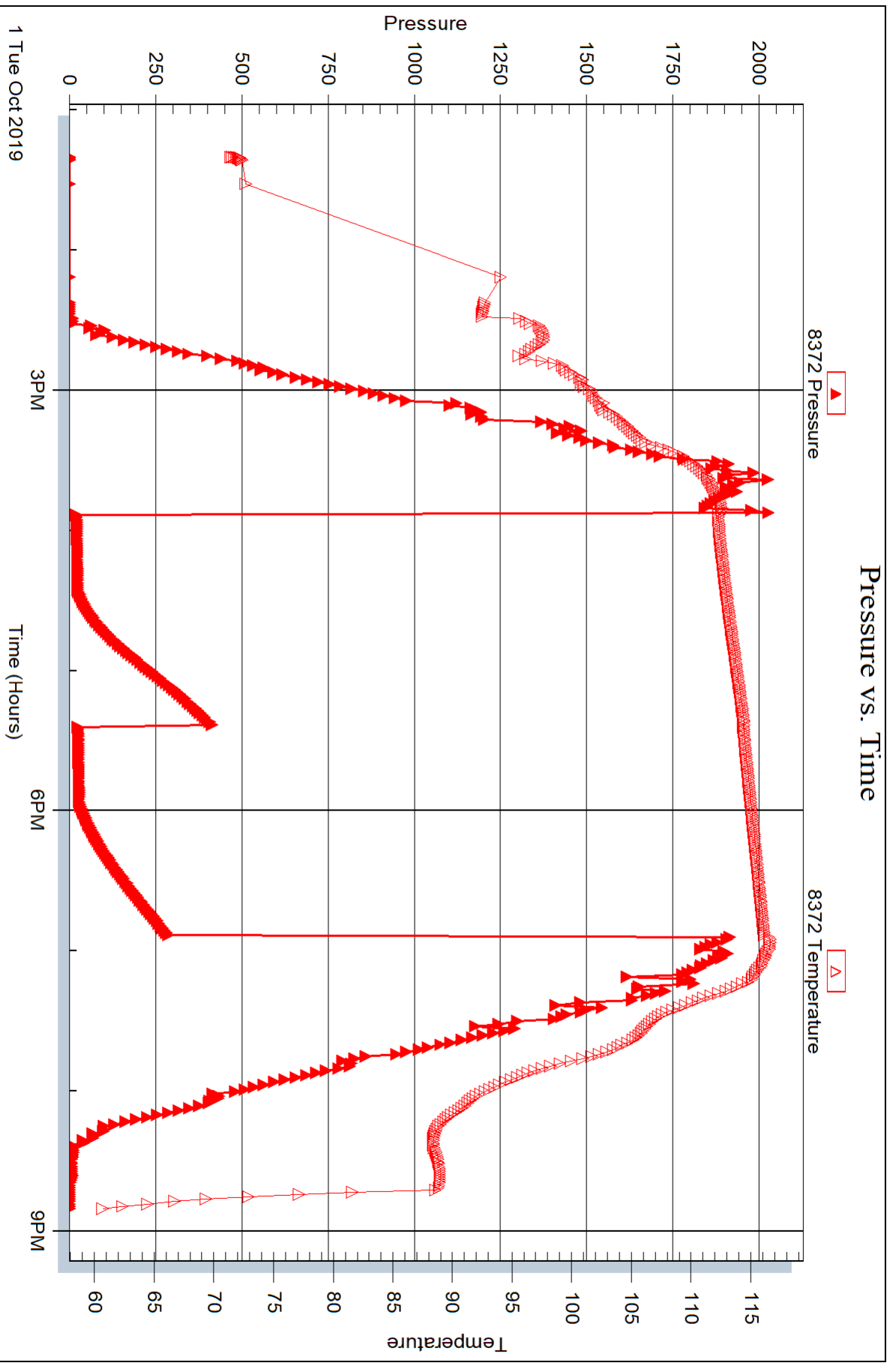
Serial #: 8372

Inside

Gore Oil Company

Lynd #8

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 66351

Printed: 2019.10.04 @ 08:55:42



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #8

28-11s-21w Trego,KS

Start Date: 2019.10.02 @ 05:20:00

End Date: 2019.10.02 @ 12:21:02

Job Ticket #: 66352 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.10.04 @ 08:55:15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66352

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2019.10.02 @ 05:20:00

Tool Information

Drill Pipe:	Length: 3785.00 ft	Diameter: 3.82 inches	Volume: 53.65 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3995.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3967.00	
Shut In Tool	5.00			3972.00	
Hydraulic tool	5.00			3977.00	
Jars	5.00			3982.00	
Safety Joint	3.00			3985.00	
Packer	5.00			3990.00	29.00 Bottom Of Top Packer
Packer	5.00			3995.00	
Stubb	1.00			3996.00	
Recorder	0.00	8374	Inside	3996.00	
Recorder	0.00	8372	Outside	3996.00	
Perforations	11.00			4007.00	
Bullnose	3.00			4010.00	15.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

28-11s-21w Trego,KS

PO Box 2757
Wichita KS 67202+2757

Lynd #8

Job Ticket: 66352

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2019.10.02 @ 05:20:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud 100%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Serial #: 8374

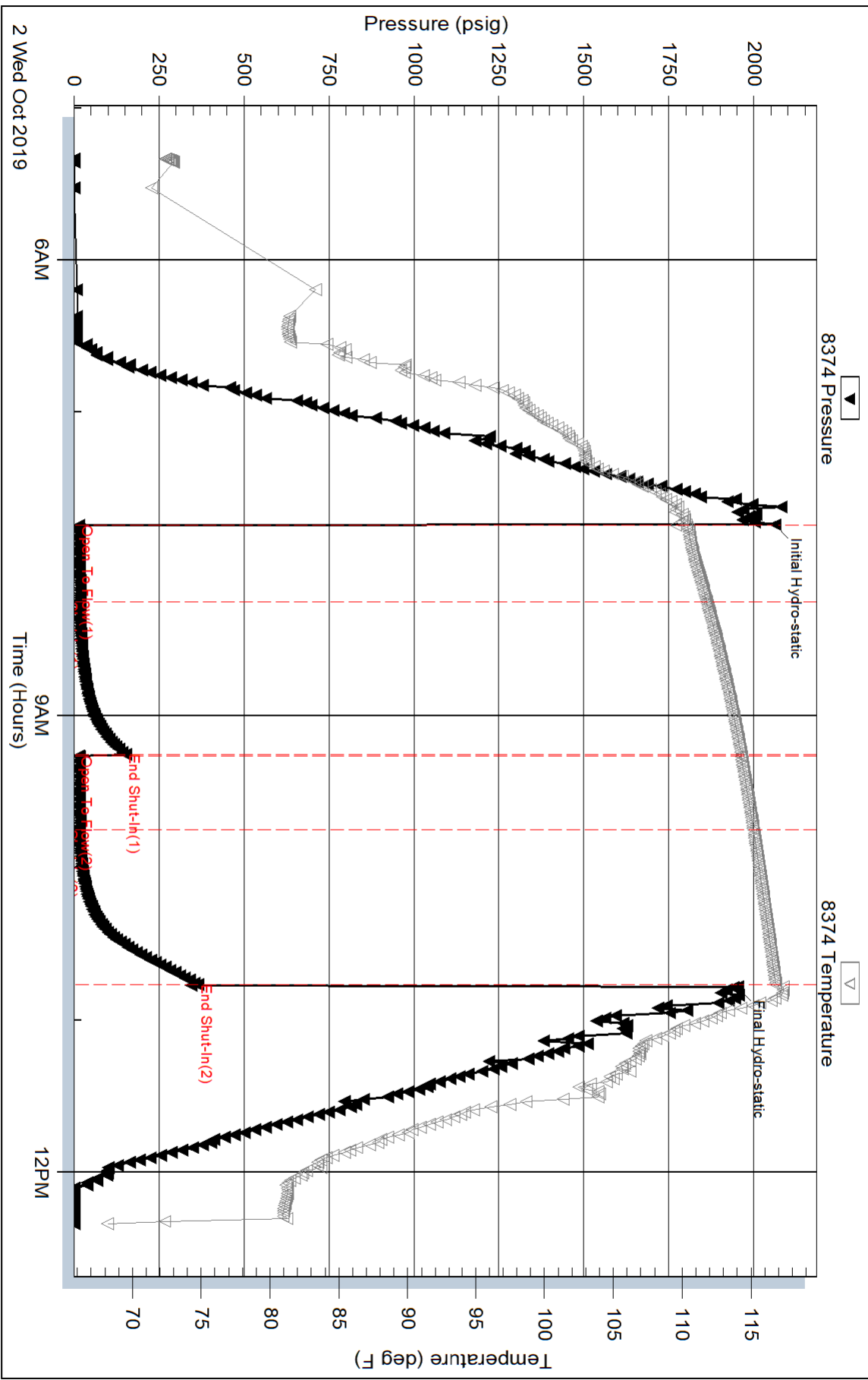
Inside

Gore Oil Company

Lynd #8

DST Test Number: 4

Pressure vs. Time

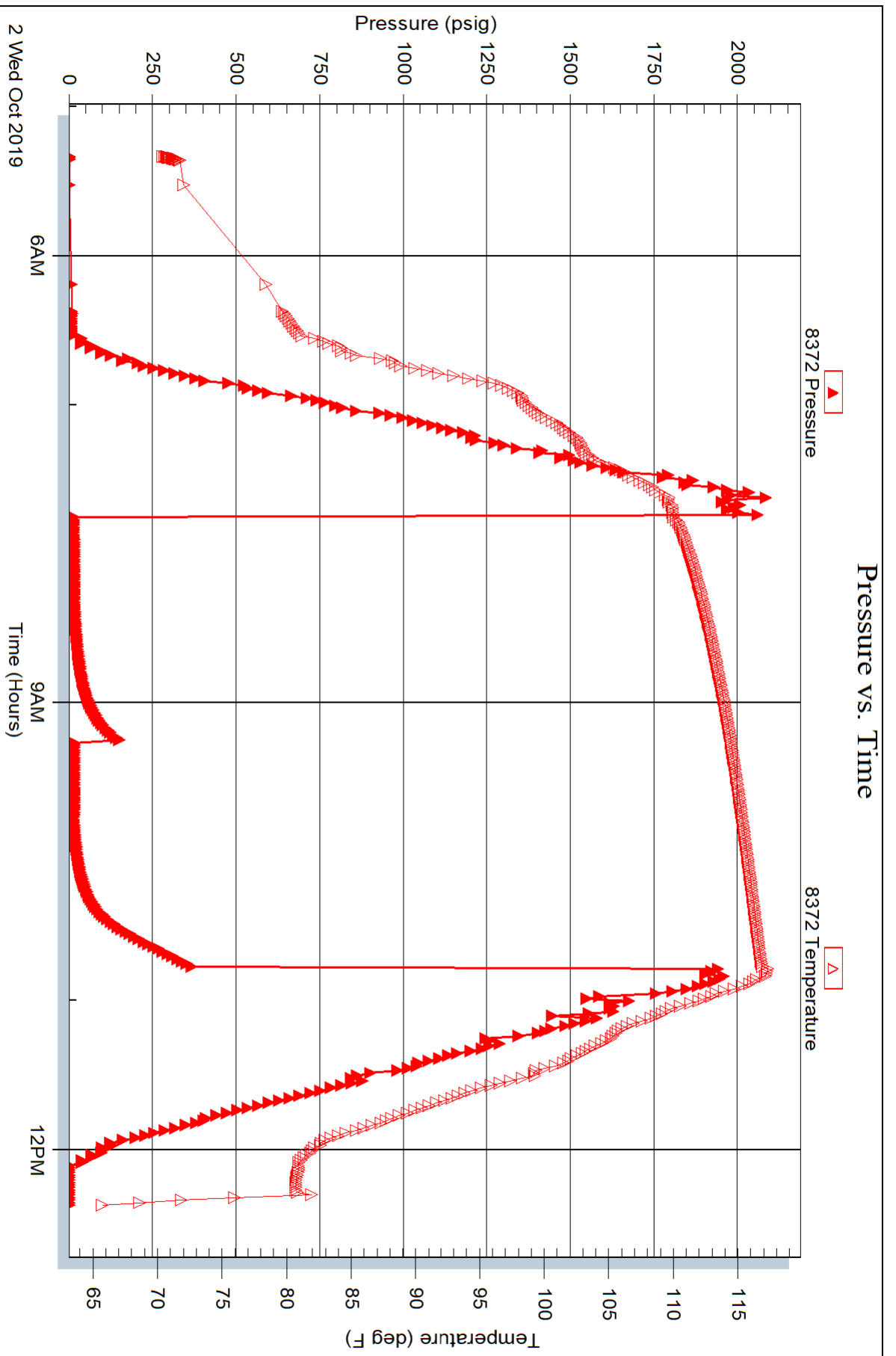


Serial #: 8372

Outside Gore Oil Company

Lynd #8

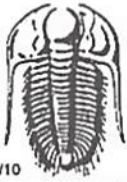
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 66352

Printed: 2019.10.04 @ 08:55:17



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65999

NO.

Well Name & No. Lynd #8 Test No. 1 Date 09/29/2019
 Company Core Oil Company Elevation 2322 KB 2317 GL
 Address 202 S 57 Francis PO BOX 2757 Wichita Ks 67202+2757
 Co. Rep / Geo. Chuck Schmalz Rig Murfin #8
 Location: Sec. 28 Twp 11s Rge. 21w Co. Trego State Ks

Interval Tested 3740' - 3840' Zone Tested LAC 1/2 - J-2'
 Anchor Length 100' Drill Pipe Run 3536' Mud Wt. 9.2
 Top Packer Depth 3735' Drill Collars Run 184 Vis 51
 Bottom Packer Depth 3740' Wt. Pipe Run - WL 6.8
 Total Depth 3840' Chlorides 1800 ppm System LCM 3#

Blow Description 77 Weak; Built to 1/2"
75d No Return
77 No Blow
75d No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>OSM</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 10' BHT 115° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1891</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>23:20</u>
(B) First Initial Flow <u>48</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:45</u>
(C) First Final Flow <u>56</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>03:20</u> <u>09/30/2019</u>
(D) Initial Shut-In <u>941</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>06:20</u>
(E) Second Initial Flow <u>57</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1</u>	T-Out <u>08:21</u>
(F) Second Final Flow <u>59</u>	<input checked="" type="checkbox"/> Mileage <u>6227</u> <u>62</u>	Comments
(G) Final Shut-In <u>639</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1792</u>	<input type="checkbox"/> Straddle	

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Sub Total 1587

Sub Total 1587

Approved By _____ Our Representative Spencer J. Paul Tanks!
 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66000

NO.

Well Name & No. Lynd #8 Test No. 2 Date 09/30/2019
 Company Nore Oil Company Elevation 2322 KB 2317 GL
 Address 202 S 57 Francis PO BOX 2757 Wichita Ks 67202-2757
 Co. Rep / Geo. Chuck Schmaltz Rig Murfin #8
 Location: Sec. 28 Twp 11S Rge. 2W Co. Trego State Ks

Interval Tested 3914'-3940' Zone Tested Marmaton
 Anchor Length 26' Drill Pipe Run 3726' Mud Wt. 9.1
 Top Packer Depth 3909' Drill Collars Run 184' Vis 54
 Bottom Packer Depth 3914' Wt. Pipe Run - WL 7.2
 Total Depth 3940 Chlorides 2000 ppm System LCM 1#

Blow Description 77-9 Weak; Built to 1/2"
75D - No Return
77 - No Blow
75D - No Return

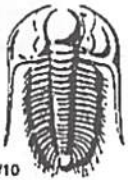
Rec	Feet of	%gas	%oil	%water	%mud
<u>15'</u>	<u>MO</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>
<u>5'</u>	<u>Clean Oil</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 119° Gravity 36° API RW - @ - F Chlorides - ppm
 (A) Initial Hydrostatic 1984 Test 1200 T-On Location 17:04
 (B) First Initial Flow 16 Jars 250 T-Started 17:10
 (C) First Final Flow 21 Safety Joint 75 T-Open 20:06
 (D) Initial Shut-In 702 Circ Sub _____ T-Pulled 23:36
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 01:45 10/01/2019
 (F) Second Final Flow 26 Mileage 6227 62 Comments _____
 (G) Final Shut-In 671 Sampler _____
 (H) Final Hydrostatic 1886 Straddle _____ EM Tool _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 90
 Sub Total 1587
 Total 1587

Approved By _____ Our Representative James J. Stival Thanks!
 MP/DST Disc't _____
 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.

785-259-0058



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66351

NO.

Well Name & No. Lynd #8 Test No. 3 Date 10/07/2019
 Company Lore Oil Company Elevation 2322 KB 2317 GL
 Address 202 S 57 Francis PO BOX 2757 Wichita KS 67202-12757
 Co. Rep / Geo. Chuck Schmatty Rig Murfin #8
 Location: Sec. 28 Twp 11s Rge. 2W Co. Trego State KS

Interval Tested 3935' - 3995' Zone Tested Arbuckle
 Anchor Length 60' Drill Pipe Run 3755' Mud Wt. 9.2
 Top Packer Depth 3930' Drill Collars Run 184' Vis 54
 Bottom Packer Depth 3935' Wt. Pipe Run - WL 8.0
 Total Depth 3995' Chlorides 1900 ppm System LCM #

Blow Description 77-Weak; Built to 1/2"
5SD - No Return
77 - No Blow
7SD - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</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 5' BHT 116° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2028</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>12:56</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:20</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>15:50</u>
(D) Initial Shut-In <u>417</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>18:50</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:48</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>6227</u> 62	Comments
(G) Final Shut-In <u>289</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1944</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1587 MP/DST Disc't

Approved By _____ Our Representative Spencer J. Grab Thanks!
 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.

785-259-0088



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66352

NO.

Well Name & No. Lynd #8 Test No. 4 Date 10/2/2019
 Company Core Oil Company Elevation 2322 KB 2317 GL
 Address 202 S. 57 Francis PO BOX 2757 Wichita Ks 67207+2757
 Co. Rep / Geo. Chuck Schmaltz Rig Murfin #8
 Location: Sec. 28 Twp 11s Rge. 21w Co. Trego State Ks

Interval Tested 3995' - 4010' Zone Tested Arbuckle
 Anchor Length 15' Drill Pipe Run 3785' Mud Wt. 9.3
 Top Packer Depth 3990' Drill Collars Run 184' Vis 55
 Bottom Packer Depth 3995' Wt. Pipe Run - WL 8.8
 Total Depth 4010' Chlorides 1900 ppm System LCM 1#

Blow Description 27-Weak; Built to 1/4"
251- No Return
47- No Blow
75- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1'</u>	<u>Mud</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 1 BHT 116° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2061</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>04:50</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:20</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>07:40</u>
(D) Initial Shut-In <u>152</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:40</u>
(E) Second Initial Flow <u>13</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:19</u>
(F) Second Final Flow <u>17</u>	<input checked="" type="checkbox"/> Mileage <u>6217x2</u> 62+62	Comments <u>loaded @</u>
(G) Final Shut-In <u>364</u>	<input type="checkbox"/> Sampler	<u>19:00 10/2/2019</u>
(H) Final Hydrostatic <u>1951</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1749

Total 1749

MP/DST Disc't

Approved By _____ Our Representative Spencer J. Hunt
 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.
Hank's 785-259-0056



TICKET 032617

PAGE 1 OF 3

CHARGE TO: Gore Oil Co
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

WELL/PROJECT NO. # 8 LEASE Cynd COUNTY/PARISH Trego CITY _____
 TICKET TYPE SERVICE SALES CONTRACTOR Murho RIG NAME/NO. Rig # 8 SHIPPED VIA TR DELIVERED TO LOCATION OWNER _____
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Top to Bottom L.S. WELL PERMIT NO. _____ WELL LOCATION _____
 INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1			30	mi			5.00	150.00
579		1		MILEAGE TRK # 111						
290		1		Pump Charge - Top to Bottom	1	EA			1900.00	1900.00
221		1		D-Air	6	bal			42.00	252.00
280		1		Liquid bal	2	bal			25.00	50.00
402		1		Fluecheck 21	330	bal			3.50	1155.00
403		1		Centraizer	10	EA	5 1/2		75.00	750.00
406		1		Current Basket	4	EA			275.00	1100.00
407		1		Latched Down Plug & Breaker	1	EA			250.00	250.00
419		1		Insert Floor Shoe w/ nut & fill	1	EA			325.00	325.00
				Rotating Head Rehabil	1	EA			250.00	250.00

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
X

DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? _____
 WE UNDERSTOOD AND MET YOUR NEEDS? _____
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? _____
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? _____
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO

AGREE _____ UNDECIDED _____ DISAGREE _____
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 6182.00
 TOTAL 11562.40
 17744.40

Swift Operator David Ege APPROVAL _____

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR David Ege APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10-3-19 PAGE NO. 3

CUSTOMER Gore Oil Co		WELL NO. # 8		LEASE Lynd		JOB TYPE T & B Long String		TICKET NO. 32617
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

1130

On location

Csg - 5 1/2 x 15.5
 RTD - 4100'
 Pipe set @ 4087'
 CENTRALIZERS - 2, 4, 5, 7, 9, 11, 13
 27, 55, 78
 Baskets - 13, 27, 55, 78

1315
1515

START Running Csg
 Break Circ on Bottom

1600

2.5 8
2.5 4

0
0

plug rat hole - 30 sks cmt
 plug mouse hole - 20 sks cmt

1610

5.25 15
5.25 8
5.25 5
5.25 0
5.25 97
5.25 188

300
300
300
300
300
300

pump KCL spacer
 pump Mchck 21 - 330 GML
 pump KCL spacer
 start cmt - 175 sks @ 11.2 ppG
 Raise wgt to 11.4 ppG for 175 sks
 Raise wgt to 14.5 ppG for 150 sks
 End cmt

1710

5.25 227

300

Drop plug - wash P & L

1715

5.5 0
5.5 50

250
600

START Drop
 Circ Cmt

1730

5 97

1100/1700

Land Plug

50 sks circ to pit

David Swift Serv.
 Gary John Gore Oil Co.

Job Complete
 Thanks

David Zmed, Kirby & Tward

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Shari Feist Albrecht, Commissioner
Dwight D. Keen, Commissioner

Laura Kelly, Governor

January 24, 2020

Lenny Dinkel
Gore Oil Company
202 S ST FRANCIS AVE
PO BOX 2757
WICHITA, KS 67202-2757

Re: ACO-1
API 15-195-23097-00-00
LYND 8
SE/4 Sec.28-11S-21W
Trego County, Kansas

Dear Lenny Dinkel:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/25/2019 and the ACO-1 was received on January 24, 2020 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department