

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)</i> <i>(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 7
Doc ID	1460627

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Micro Resistivity
Cement Bond



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
4/1/2019	27511

BILL TO
Gore Oil Company 202 Karrer PO Box 878 McCook, NE 69001-0878

COPY

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#7	Lynd	Trego	WW Drlg Rig #12	Oil	Development	Top/Btm Long St...	David E

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	30	Miles	5.00	150.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString	1	Job	1,800.00	1,800.00
290	D-Air	6	Gallon(s)	42.00	252.00T
221	Liquid KCL (Clayfix)	4	Gallon(s)	25.00	100.00T
403-5	5 1/2" Cement Basket	4	Each	275.00	1,100.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	325.00	325.00T
409-5	5 1/2" Turbolizer	10	Each	85.00	850.00T
280	Flocheck 21	330	Gallon(s)	3.50	1,155.00T
330	Swift Multi-Density Standard (MIDCON II)	570	Sacks	16.25	9,262.50T
276	Flocele	142	Lb(s)	2.50	355.00T
581D	Service Charge Cement	570	Sacks	1.75	997.50
583D	Drayage	852	Ton Miles	0.85	724.20
	Subtotal				17,321.20
	Sales Tax Trego County			8.00%	1,091.96

1904
SWIFSE
104606-105
File

DATE RECEIVED
APR 10
MCCOOK, NE

We Appreciate Your Business!	Total	\$18,413.16
-------------------------------------	--------------	-------------

uw



CHARGE TO: Care Oil Co
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 27511

PAGE 1 OF

WELL/PROJECT NO. #7
 SERVICE LOCATIONS: 1. Hays Ks
 2. Ness City Ks
 3. WV Drilling
 4. Oil

LEASE: Lynd
 COUNTY/PARISH: Trego
 RIG NAME/NO.: Rig # 12
 JOB PURPOSE: development TOP TO Bottom Long String

STATE: Ks
 CITY: LOCATION
 DATE: 4-1-19
 ORDER NO.
 DELIVERED TO
 WELL PERMIT NO.
 WELL LOCATION

WELL TYPE: Oil
 WELL CATEGORY: development TOP TO Bottom Long String
 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	1.50
579		1		MILEAGE TRV # 110	1	EA			1800.00	1800.00
290		1		Pump Charge - Top to Bottom	6	Gal			42.00	252.00
221		1		D-Air	4	Gal			25.00	100.00
403		1		Liquin Kcc	4	EA	5 1/2		275.00	1100.00
406		1		Cement Basket	1	EA			250.00	250.00
409		1		Latch Down Plug & Baffle	1	EA			325.00	325.00
409		1		Insert Float Shoe w/ Auto Fill	10	EA			85.00	850.00
280		1		Turbolizer	330	Gal			3.50	1155.00
				Flcheck 21						

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

DATE SIGNED: 4-2-19 TIME SIGNED: 6:00 A.M. P.M.

SWIFT OPERATOR: [Signature] APPROVAL

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

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

SURVEY: 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 UN-DECIDED DIS-AGREE

PAGE TOTAL: 5982.00
 11339.20
 17321.20
 TOTAL: 18413.16

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-2-19 PAGE NO.

CUSTOMER Gore Oil Co WELL NO. #7 LEASE Lynd JOB TYPE TAP TO Bottom TICKET NO. 27511

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								On location
								5/2 x 15.5 #
								Rth - 422
								TOTAL Pipe - 4114
								SHAPE - 10'
	1:00							Start Running Csg
	3:00							Break Circ on Bottom
	4:00	2	8			0		Plug Rat Hole - 30 sks cmr
		5	15			200		Pump Kcl spacer
		5	8			200		Pump flocheck - 330 Gme
		5	5			200		Pump Kcl spacer
		5.25	0			300		Start cmr - 175 sks @ 11.2 ppb
		5.25	97			500		Raise wgt to 11.4 ppb - 190 sks
		5.25	197			500		Raise wgt to 14.5 ppb - 175 sks
		5.25	245			200		END CMR
	5:15							Drop Plug - Wash P&L
	5:20	5.5	0			200		Start Disp
		5.5	0			500		Circ cmr
	5:40	5.5	98			1200/1700		Land plug - lift psi - 1200 # land psi - 1700 #
								Release psi - Dry
								Circulated ⁵⁰ sks cmr to Pit
								D. J. [Signature]
								Lenny Outh Gore Oil
								[Signature] - W.W. Dooling

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln
RUSSELL, KS 67665

Invoice

Date	Invoice #
3/25/2019	0013400

Bill To
GORE OIL COMPANY PO BOX 878 MCCOOK, NE 69001

P.O. No.	Terms	Project
LYND#7	Due on receipt	

Quantity	Description	Rate	Amount
180	COMMON CEMENT	16.50	2,970.00
6	CALCIUM-CHLORIDE	80.00	480.00
4	BENTONITE GEL	30.00	120.00
190	HANDLING	1.90	361.00
	BULK MILEAGE	500.00	500.00
1	TRI-PLEX PUMP CHARGE FOR SURFACE	850.00	850.00
35	HEAVY EQUIPMENT. ONE WAY	6.50	227.50
35	LMV- ONE WAY	2.75	96.25
	15% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE		0.00
	ROOKS CO SALES TAX	7.00%	0.00

1903
GLOBOT
104606-105
✓ R.L.E.

DATE RECEIVED
MAR 29
MCCOOK, NE

Thank you for your business.

Phone #	Fax #
785-445-3525	785-445-3526

Total \$5,604.75

ETA *clw*

GLOBAL OIL FIELD SERVICES, LLC

0013400

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
3-22-19	28	11	21W				10:12 AM
LEASE	WELL #	LOCATION			COUNTY	STATE	
Lind	7	7 mi. West of Russell Rd			71990	KS	
OLD OR NEW (CIRCLE ONE)							
<input checked="" type="radio"/> NEW							

CONTRACTOR W.W. Drilling, Rig #17

TYPE OF JOB Surface

HOLE SIZE 17 1/2" T.D.

CASING SIZE 8 5/8" DEPTH 312'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 25'

PERFS _____

DISPLACEMENT _____

OWNER Gore Oil Co.

CEMENT AMOUNT ORDERED 1805 lbs COB 70 CC

2 600!

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING _____	@ _____	_____
MILEAGE _____	@ _____	_____
		TOTAL _____

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Kody</u>
# <u>401</u>	HELPER	<u>Tom</u>
BULK TRUCK		
# <u>411</u>	DRIVER	<u>Tanner</u>
BULK TRUCK		
# _____	DRIVER	_____

REMARKS:
Ran 7 in of 8 5/8 casing + 4 in + hooked to rig - made circulation + hooked to Trough + pumped 1805 lbs of Cement + displaced 150 lbs of H₂O + 50 lbs of

Cement Displacement to Surface

CHARGE TO: Gore Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

Global Oil Field Services, LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____	@ _____
MILEAGE _____	@ _____
MANIFOLD _____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL _____		

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.26 @ 21:03:00

End Date: 2019.03.27 @ 07:23:30

Job Ticket #: 65105 DST #: 1

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

Printed: 2019.04.03 @ 08:52:23



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 #7
 Job Ticket: 65105 **DST#: 1**
 Test Start: 2019.03.26 @ 21:03:00

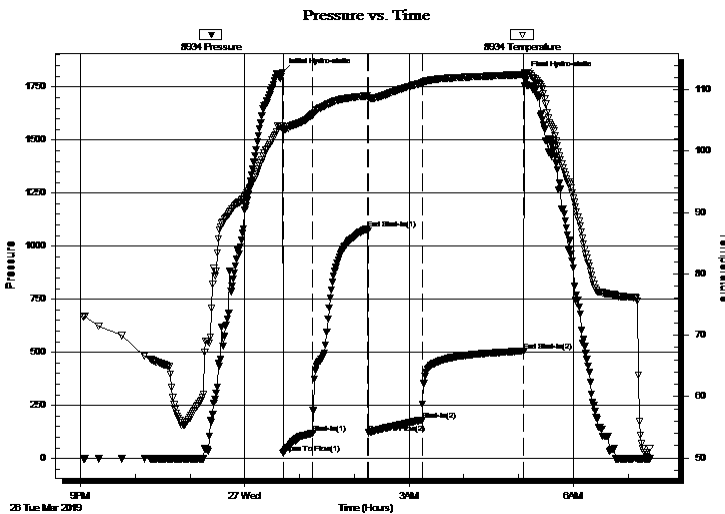
GENERAL INFORMATION:

Formation: **LKC 'D-H'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:41:45
 Time Test Ended: 07:23:30
 Interval: **3699.00 ft (KB) To 3780.00 ft (KB) (TVD)**
 Total Depth: 3780.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8934 **Inside**
 Press@RunDepth: 181.77 psig @ 3702.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.26 End Date: 2019.03.27 Last Calib.: 2019.03.27
 Start Time: 21:03:15 End Time: 07:23:30 Time On Btm: 2019.03.27 @ 00:41:30
 Time Off Btm: 2019.03.27 @ 05:06:45

TEST COMMENT: 30-IF-BOB 30 mins
 60-ISI-No Return
 60-FF-BOB 50 mins
 90-FF-No Return

PRESSURE SUMMARY



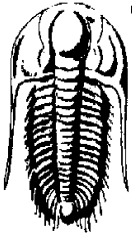
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1816.57	104.03	Initial Hydro-static
1	24.27	103.35	Open To Flow (1)
33	119.47	105.93	Shut-In(1)
93	1082.66	109.03	End Shut-In(1)
94	121.44	108.72	Open To Flow (2)
153	181.77	111.12	Shut-In(2)
264	506.28	112.48	End Shut-In(2)
266	1804.69	112.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MW 70%W 30%M	2.53
54.00	SO&WCM 5%O 5%W 90%M	0.77
1.00	Clean Oil	0.01

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

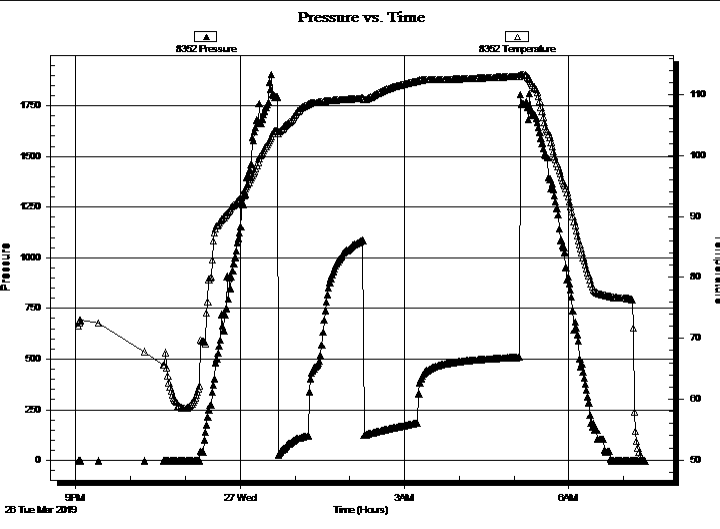
28-11S-21W Trego KS
Lynd #7
Job Ticket: 65105
DST#: 1
Test Start: 2019.03.26 @ 21:03:00

GENERAL INFORMATION:

Formation: **LKC 'D-H'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:41:45
Time Test Ended: 07:23:30
Interval: **3699.00 ft (KB) To 3780.00 ft (KB) (TVD)**
Total Depth: 3780.00 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: 2327.00 ft (KB)
2320.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
Press@RunDepth: psig @ 3702.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.03.26 End Date: 2019.03.27 Last Calib.: 2019.03.27
Start Time: 21:03:05 End Time: 07:23:45 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-BOB 30 mins
60-ISI-No Return
60-FF-BOB 50 mins
90-FF-No Return



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

Recovery		
Length (ft)	Description	Volume (bbl)
300.00	MW 70%W 30%M	2.53
54.00	SO&WCM 5%O 5%W 90%M	0.77
1.00	Clean Oil	0.01

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 #7

Job Ticket: 65105

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2019.03.26 @ 21:03:00

Tool Information

Drill Pipe:	Length: 3515.00 ft	Diameter: 3.82 inches	Volume: 49.83 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3699.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3671.00	
Shut In Tool	5.00			3676.00	
Hydraulic tool	5.00			3681.00	
Jars	5.00			3686.00	
Safety Joint	3.00			3689.00	
Packer	5.00			3694.00	29.00 Bottom Of Top Packer
Packer	5.00			3699.00	
Stubb	1.00			3700.00	
Perforations	1.00			3701.00	
Change Over Sub	1.00			3702.00	
Recorder	0.00	8934	Inside	3702.00	
Recorder	0.00	8352	Outside	3702.00	
Drill Pipe	63.00			3765.00	
Change Over Sub	1.00			3766.00	
Perforations	11.00			3777.00	
Bullnose	3.00			3780.00	81.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**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 #7

Job Ticket: 65105

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2019.03.26 @ 21:03:00

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:

98000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	MW 70%W 30%M	2.531
54.00	SO&WCM 5%O 5%W 90%M	0.765
1.00	Clean Oil	0.014

Total Length: 355.00 ft Total Volume: 3.310 bbl

Num Fluid Samples: 0

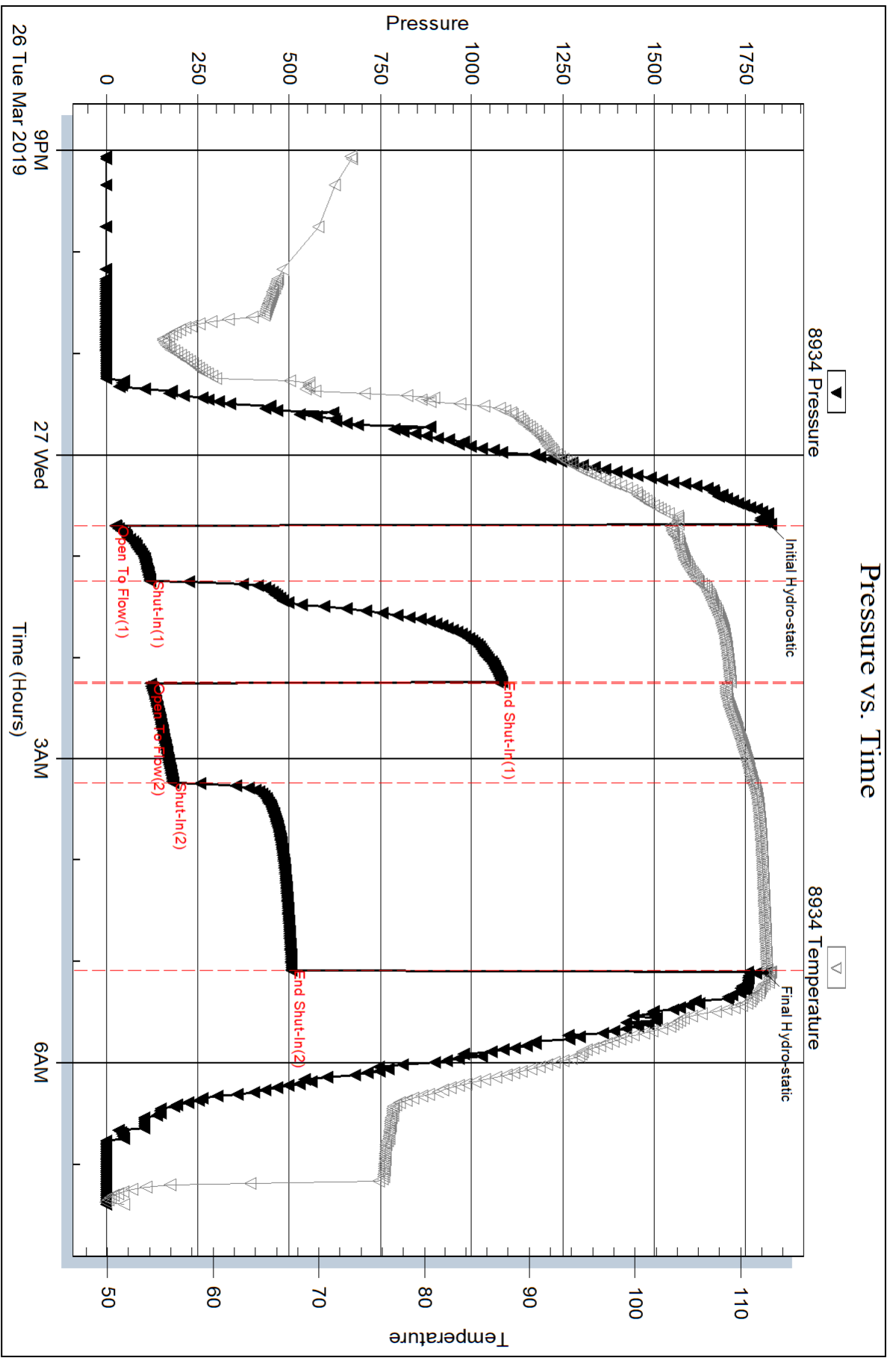
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.133@45F

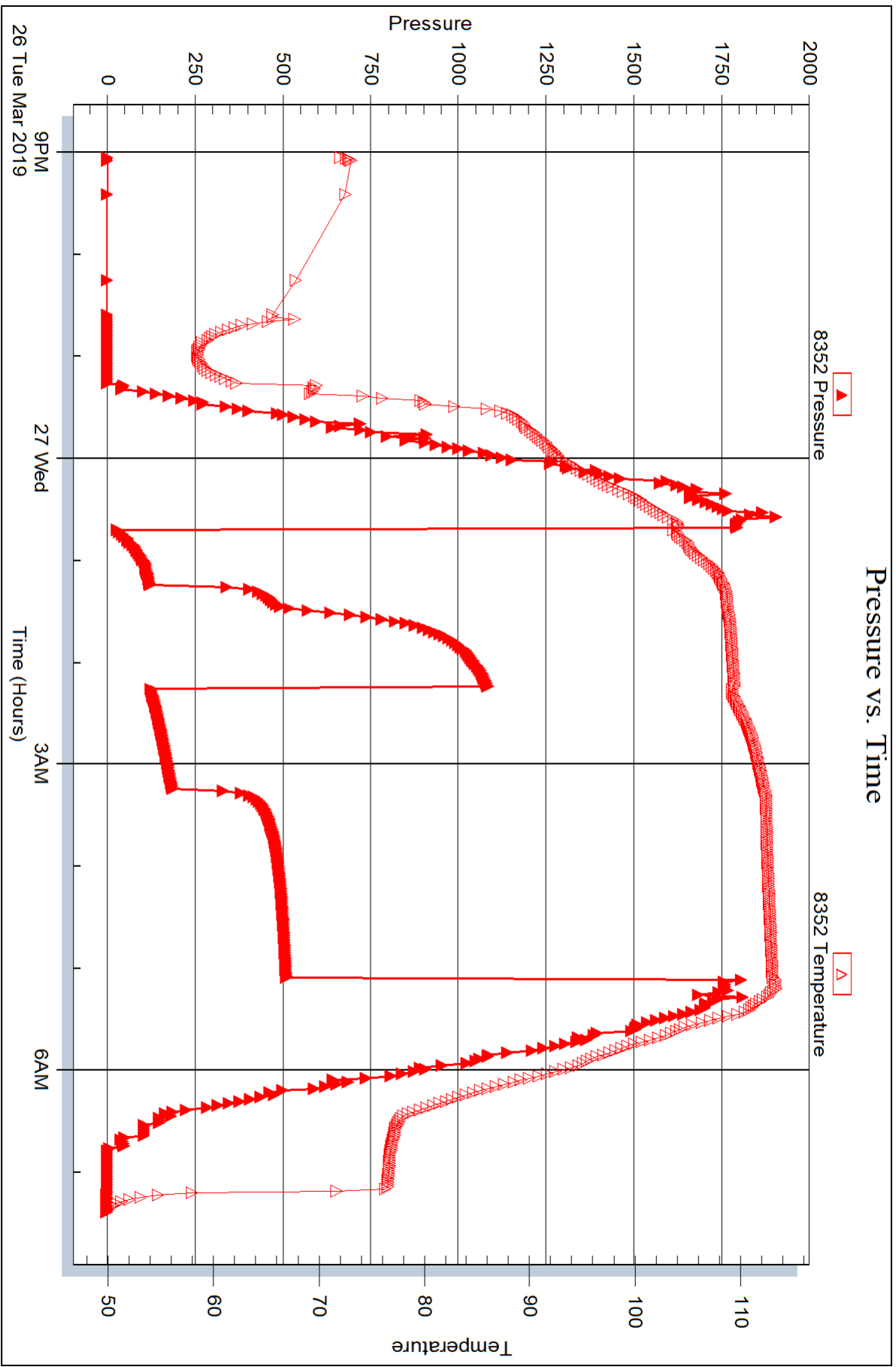


Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.27 @ 20:15:00

End Date: 2019.03.28 @ 03:34:15

Job Ticket #: 65106 DST #: 2

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

Printed: 2019.04.03 @ 08:50:50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

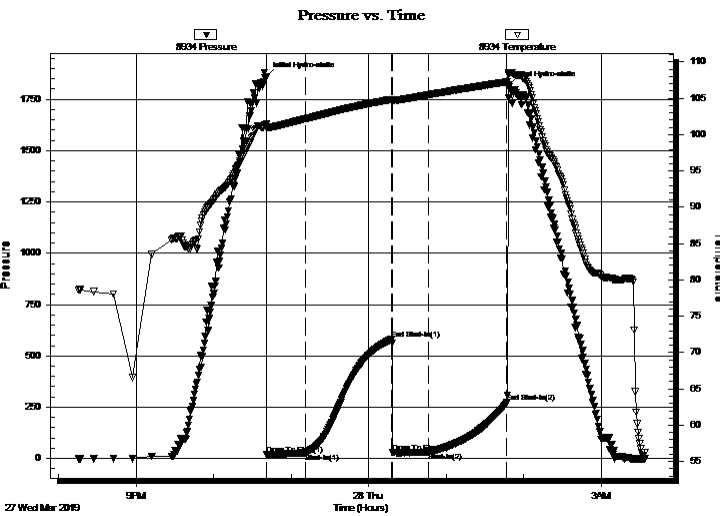
28-11S-21W Trego KS
Lynd #7
Job Ticket: 65106 **DST#: 2**
Test Start: 2019.03.27 @ 20:15:00

GENERAL INFORMATION:

Formation: **LKC 'I-L'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:41:00
Time Test Ended: 03:34:15
Interval: **3779.00 ft (KB) To 3874.00 ft (KB) (TVD)**
Total Depth: 3874.00 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: 2327.00 ft (KB)
2320.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8934 Inside
Press@RunDepth: 31.65 psig @ 3782.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.03.27 End Date: 2019.03.28 Last Calib.: 2019.03.28
Start Time: 20:15:15 End Time: 03:34:15 Time On Btm: 2019.03.27 @ 22:40:45
Time Off Btm: 2019.03.28 @ 01:48:15

TEST COMMENT: 30-IF-Weak; Built to 1&1/4"
60-ISI-No Return
30-FF-No Blow
60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.60	101.44	Initial Hydro-static
1	18.57	100.91	Open To Flow (1)
30	25.53	102.17	Shut-In(1)
97	579.87	104.85	End Shut-In(1)
98	29.20	104.67	Open To Flow (2)
126	31.65	105.47	Shut-In(2)
187	272.43	107.26	End Shut-In(2)
188	1818.86	108.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCM 2%O 98%M	0.10

* 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 #7

Job Ticket: 65106

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2019.03.27 @ 20:15:00

Tool Information

Drill Pipe:	Length: 3576.00 ft	Diameter: 3.82 inches	Volume: 50.69 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	62000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	56000.00 lb
Drill Pipe Above KB:	12.00 ft			Final	56000.00 lb
Depth to Top Packer:	3779.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	124.00 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			3751.00	
Shut In Tool	5.00			3756.00	
Hydraulic tool	5.00			3761.00	
Jars	5.00			3766.00	
Safety Joint	3.00			3769.00	
Packer	5.00			3774.00	29.00 Bottom Of Top Packer
Packer	5.00			3779.00	
Stubb	1.00			3780.00	
Perforations	1.00			3781.00	
Change Over Sub	1.00			3782.00	
Recorder	0.00	8934	Inside	3782.00	
Recorder	0.00	8352	Outside	3782.00	
Drill Pipe	63.00			3845.00	
Change Over Sub	1.00			3846.00	
Perforations	25.00			3871.00	
Bullnose	3.00			3874.00	95.00 Bottom Packers & Anchor
Total Tool Length:	124.00				



**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 #7

Job Ticket: 65106

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2019.03.27 @ 20:15:00

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SOCM 2%O 98%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Serial #: 8934

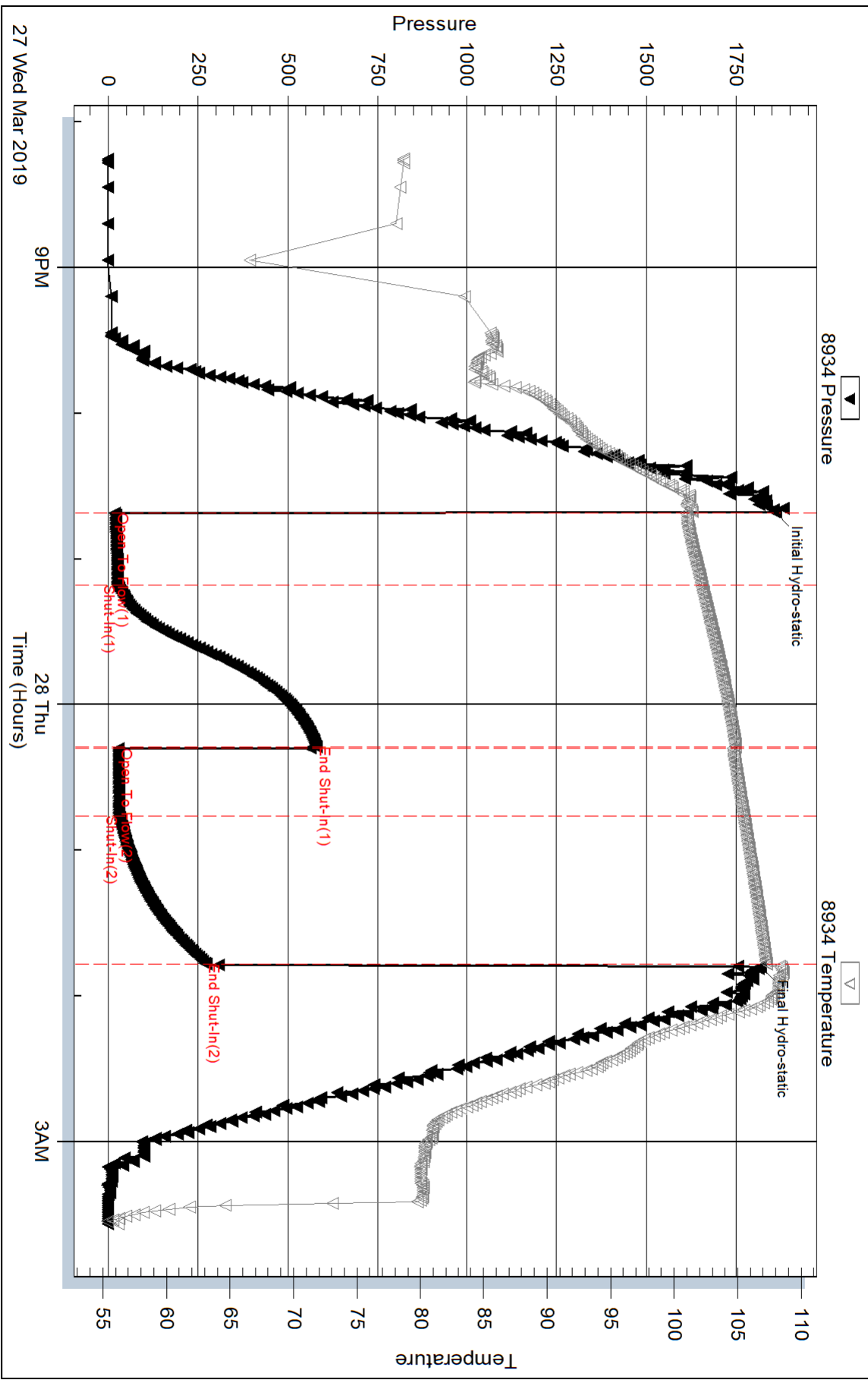
Inside

Gore Oil Company

Lynd #7

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 65106

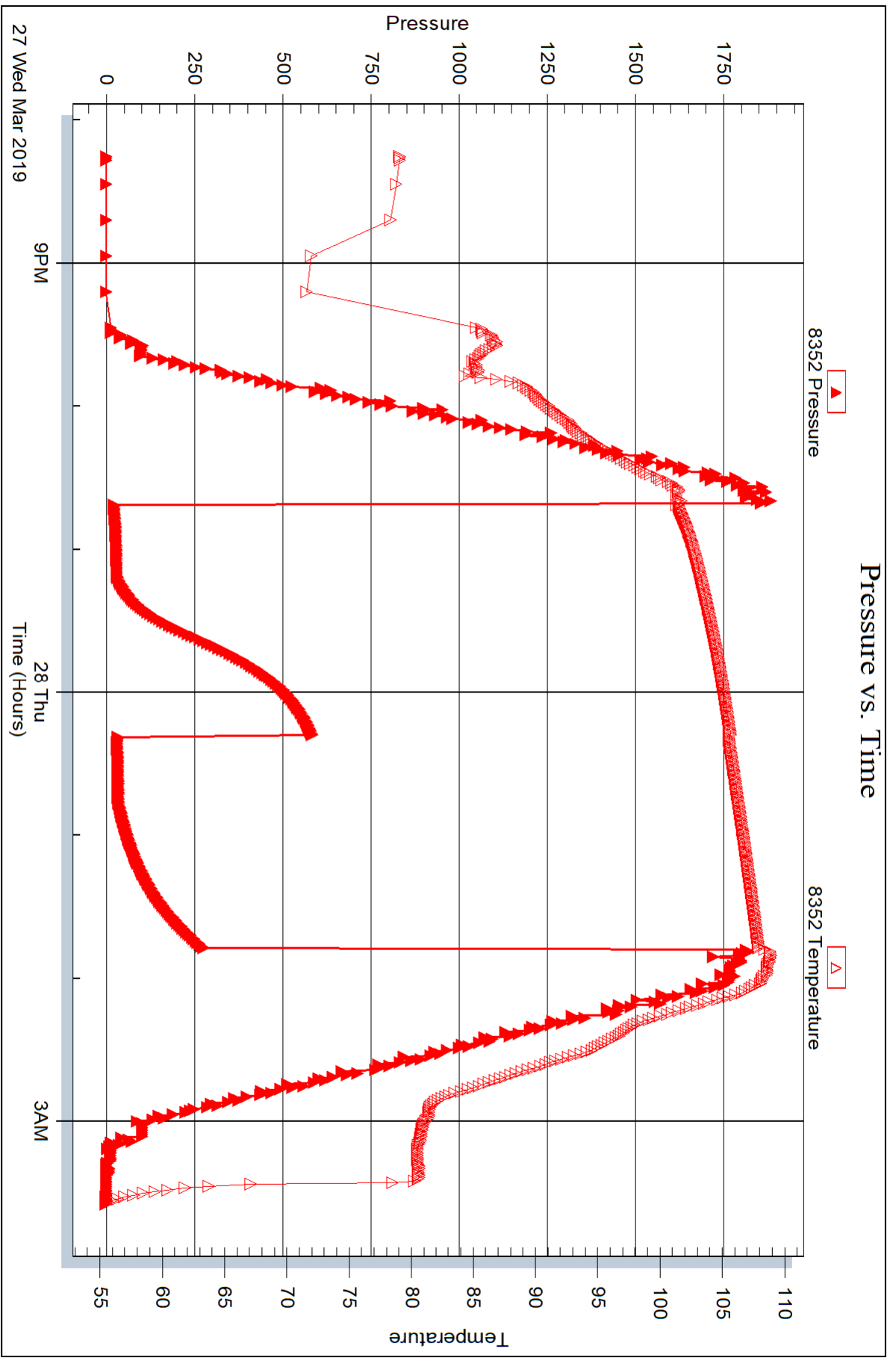
Printed: 2019.04.03 @ 08:50:51

Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 65106

Printed: 2019.04.03 @ 08:50:51



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.28 @ 15:28:00

End Date: 2019.03.29 @ 00:56:30

Job Ticket #: 65107 DST #: 3

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

Printed: 2019.04.03 @ 08:44:58



**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 #7

Job Ticket: 65107

DST#: 3

Test Start: 2019.03.28 @ 15:28:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:21:00
 Time Test Ended: 00:56:30
 Interval: **3932.00 ft (KB) To 3970.00 ft (KB) (TVD)**
 Total Depth: 3970.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8934

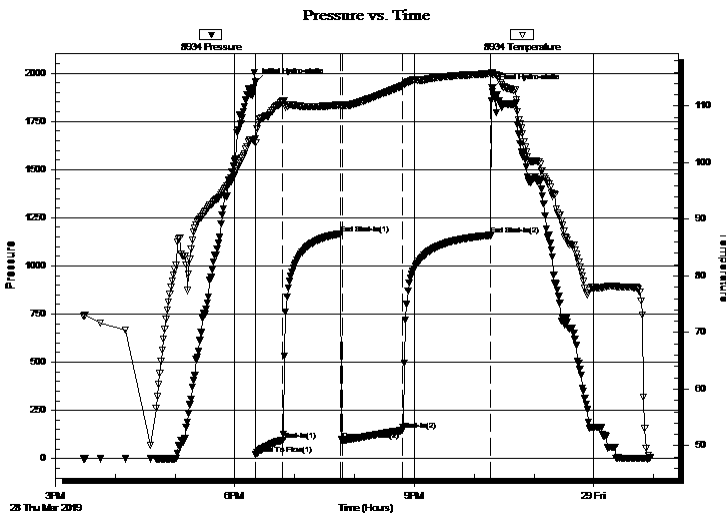
Inside

Press@RunDepth: 146.49 psig @ 3934.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.28 End Date: 2019.03.29 Last Calib.: 2019.03.29
 Start Time: 15:28:15 End Time: 00:56:30 Time On Btm: 2019.03.28 @ 18:20:30
 Time Off Btm: 2019.03.28 @ 22:18:00

TEST COMMENT: 30-IF-BOB 25 mins; Built to 12"
 60-ISI-No Return
 60-FF-BOB 23 mins; Built to 25"
 90-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1952.96	104.22	Initial Hydro-static
1	21.54	103.50	Open To Flow (1)
28	93.72	110.87	Shut-In(1)
86	1167.64	110.25	End Shut-In(1)
87	98.00	110.17	Open To Flow (2)
148	146.49	113.59	Shut-In(2)
237	1158.87	115.73	End Shut-In(2)
238	1921.99	115.81	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
130.00	HOCM 40%O 60%M	0.64
220.00	GO 30%G 70%O	2.60
0.00	150' GIP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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



**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 #7
 Job Ticket: 65107 **DST#: 3**
 Test Start: 2019.03.28 @ 15:28:00

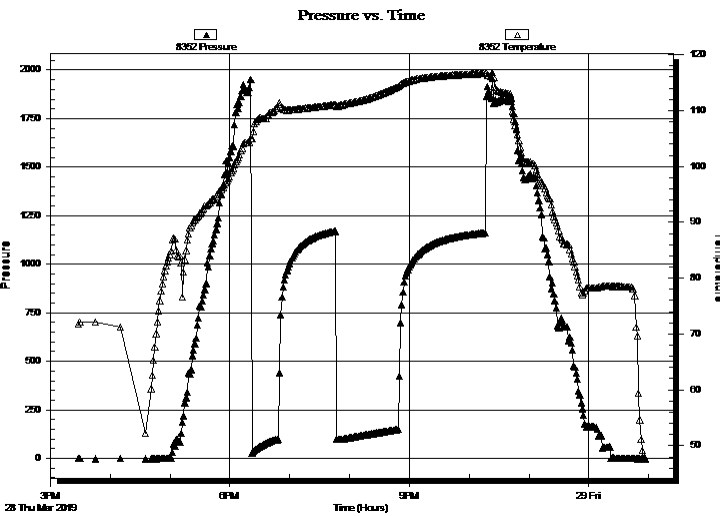
GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:21:00
 Time Test Ended: 00:56:30
 Interval: **3932.00 ft (KB) To 3970.00 ft (KB) (TVD)**
 Total Depth: 3970.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352 Outside

Press@RunDepth: psig @ 3934.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.28 End Date: 2019.03.29 Last Calib.: 2019.03.29
 Start Time: 15:28:15 End Time: 00:56:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB 25 mins; Built to 12"
 60-ISI-No Return
 60-FF-BOB 23 mins; Built to 25"
 90-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	HOCM 40%O 60%M	0.64
220.00	GO 30%G 70%O	2.60
0.00	150' GIP 100%G	0.00

* 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 #7

Job Ticket: 65107

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2019.03.28 @ 15:28:00

Tool Information

Drill Pipe:	Length: 3737.00 ft	Diameter: 3.82 inches	Volume: 52.97 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	58000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3932.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	67.00 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			3904.00	
Shut In Tool	5.00			3909.00	
Hydraulic tool	5.00			3914.00	
Jars	5.00			3919.00	
Safety Joint	3.00			3922.00	
Packer	5.00			3927.00	29.00 Bottom Of Top Packer
Packer	5.00			3932.00	
Stubb	1.00			3933.00	
Perforations	1.00			3934.00	
Recorder	0.00	8934	Inside	3934.00	
Recorder	0.00	8352	Outside	3934.00	
Perforations	33.00			3967.00	
Bullnose	3.00			3970.00	38.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**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 #7

Job Ticket: 65107

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2019.03.28 @ 15:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	HOCM 40%O 60%M	0.639
220.00	GO 30%G 70%O	2.600
0.00	150' GIP 100%G	0.000

Total Length: 350.00 ft

Total Volume: 3.239 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

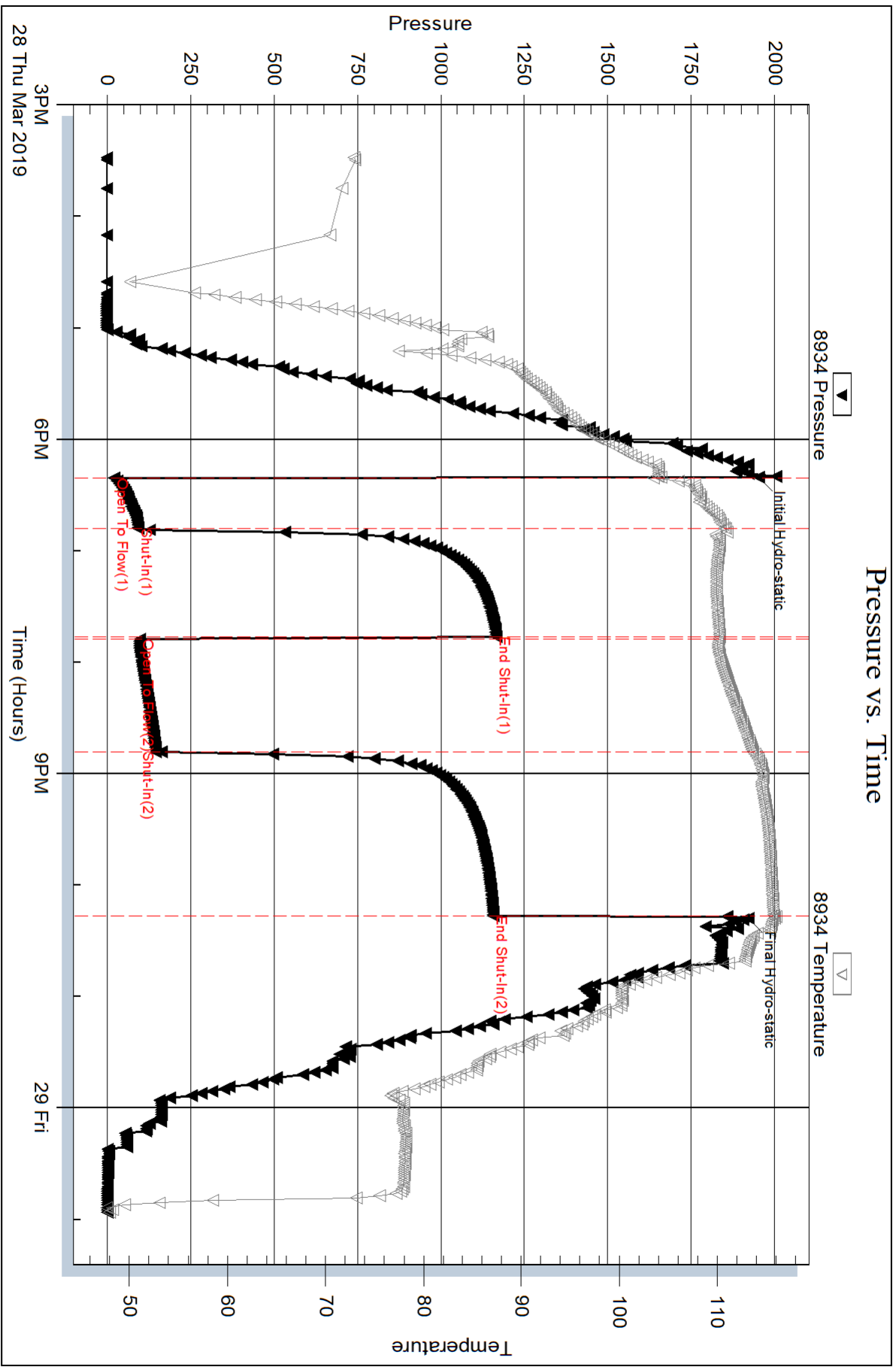
Serial #: 8934

Inside

Gore Oil Company

Lynd #7

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 65107

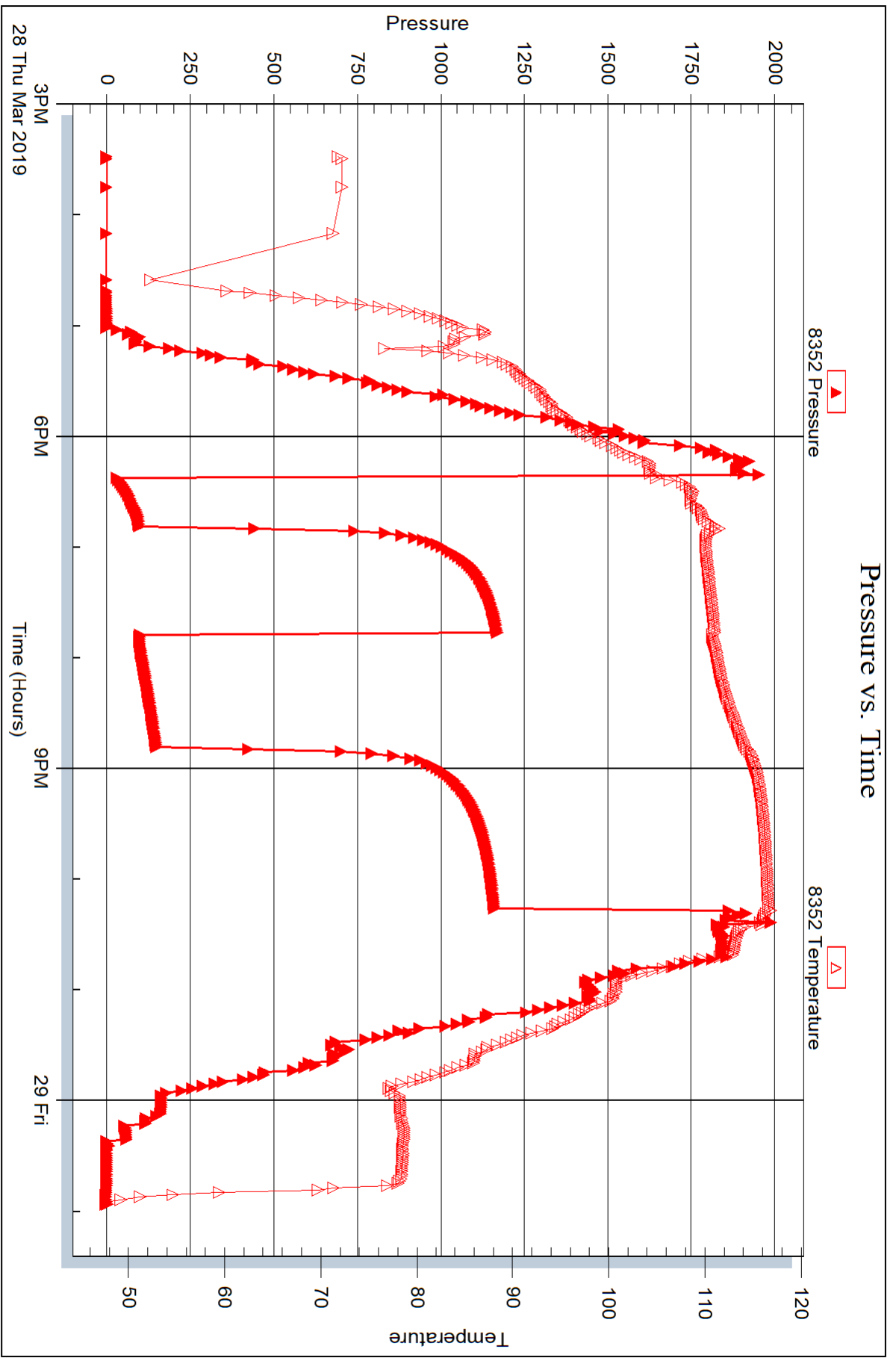
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Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 65107

Printed: 2019.04.03 @ 08:44:59



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.29 @ 07:08:00

End Date: 2019.03.29 @ 17:04:00

Job Ticket #: 65108 DST #: 4

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

Printed: 2019.04.03 @ 08:43:53



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 #7

Job Ticket: 65108

DST#: 4

Test Start: 2019.03.29 @ 07:08:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:56:15
 Time Test Ended: 17:04:00
 Interval: **3970.00 ft (KB) To 3985.00 ft (KB) (TVD)**
 Total Depth: 3985.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

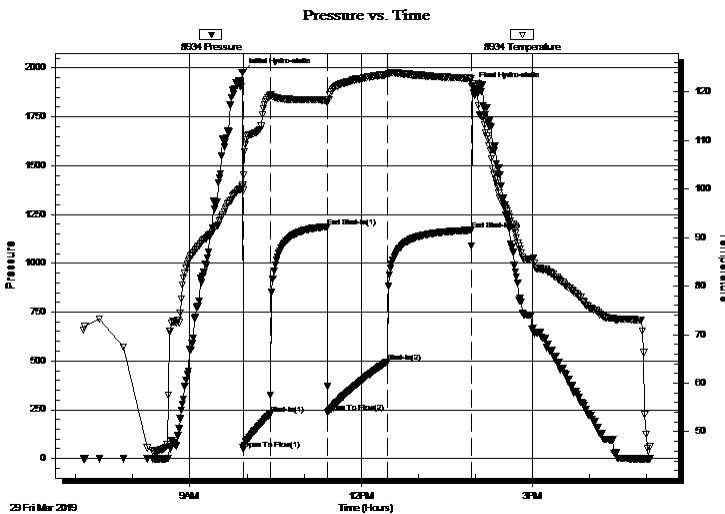
Serial #: 8934

Inside

Press@RunDepth: 496.08 psig @ 3972.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.29 End Date: 2019.03.29 Last Calib.: 2019.03.29
 Start Time: 07:08:15 End Time: 17:04:00 Time On Btm: 2019.03.29 @ 09:55:45
 Time Off Btm: 2019.03.29 @ 13:56:45

TEST COMMENT: 30-IF-BOB 5 mins; Built to 70"
 60-ISI-Weak; Built to 4"
 60-FF-BOB 4 mins; Built to 103"
 90-FSI-Weak Surface; Died 45 min in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.30	100.78	Initial Hydro-static
1	48.60	102.82	Open To Flow (1)
29	227.23	119.24	Shut-In(1)
89	1187.68	118.35	End Shut-In(1)
90	237.00	117.85	Open To Flow (2)
152	496.08	123.65	Shut-In(2)
240	1169.37	122.82	End Shut-In(2)
241	1903.71	121.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GHOCM 10%G 40%O 50%M	0.32
1640.00	GO 50%O 50%G	22.13
0.00	250'GIP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

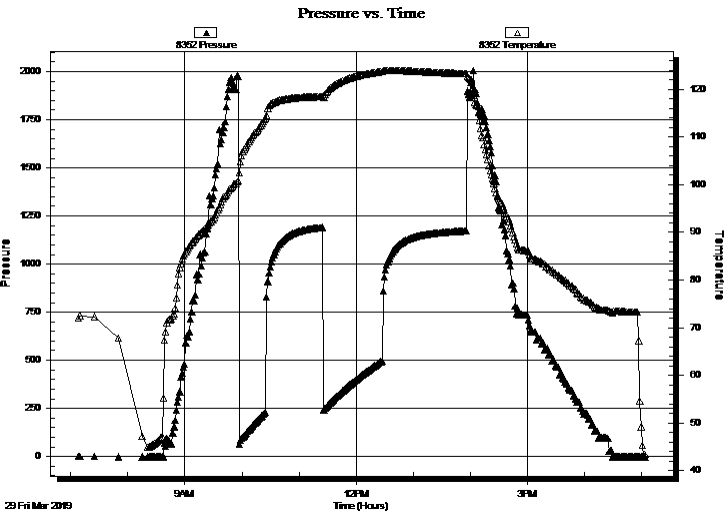
28-11S-21W Trego KS
Lynd #7
 Job Ticket: 65108 **DST#: 4**
 Test Start: 2019.03.29 @ 07:08:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:56:15
 Time Test Ended: 17:04:00
 Interval: **3970.00 ft (KB) To 3985.00 ft (KB) (TVD)**
 Total Depth: 3985.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
 Press@RunDepth: psig @ 3972.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.29 End Date: 2019.03.29 Last Calib.: 2019.03.29
 Start Time: 07:08:15 End Time: 17:04:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB 5 mins; Built to 70"
 60-ISI-Weak; Built to 4"
 60-FF-BOB 4 mins; Built to 103"
 90-FSI-Weak Surface; Died 45 min in



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GHOCM 10%G 40%O 50%M	0.32
1640.00	GO 50%O 50%G	22.13
0.00	250'GIP 100%G	0.00

* 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 #7

Job Ticket: 65108

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2019.03.29 @ 07:08:00

Tool Information

Drill Pipe:	Length: 3770.00 ft	Diameter: 3.82 inches	Volume: 53.44 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	62000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3970.00 ft			Final	59000.00 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			3942.00	
Shut In Tool	5.00			3947.00	
Hydraulic tool	5.00			3952.00	
Jars	5.00			3957.00	
Safety Joint	3.00			3960.00	
Packer	5.00			3965.00	29.00 Bottom Of Top Packer
Packer	5.00			3970.00	
Stubb	1.00			3971.00	
Perforations	1.00			3972.00	
Recorder	0.00	8934	Inside	3972.00	
Recorder	0.00	8352	Outside	3972.00	
Perforations	10.00			3982.00	
Bullnose	3.00			3985.00	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 #7

Job Ticket: 65108

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2019.03.29 @ 07:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GHOCM 10%G 40%O 50%M	0.320
1640.00	GO 50%O 50%G	22.128
0.00	250'GIP 100%G	0.000

Total Length: 1705.00 ft

Total Volume: 22.448 bbl

Num Fluid Samples: 0

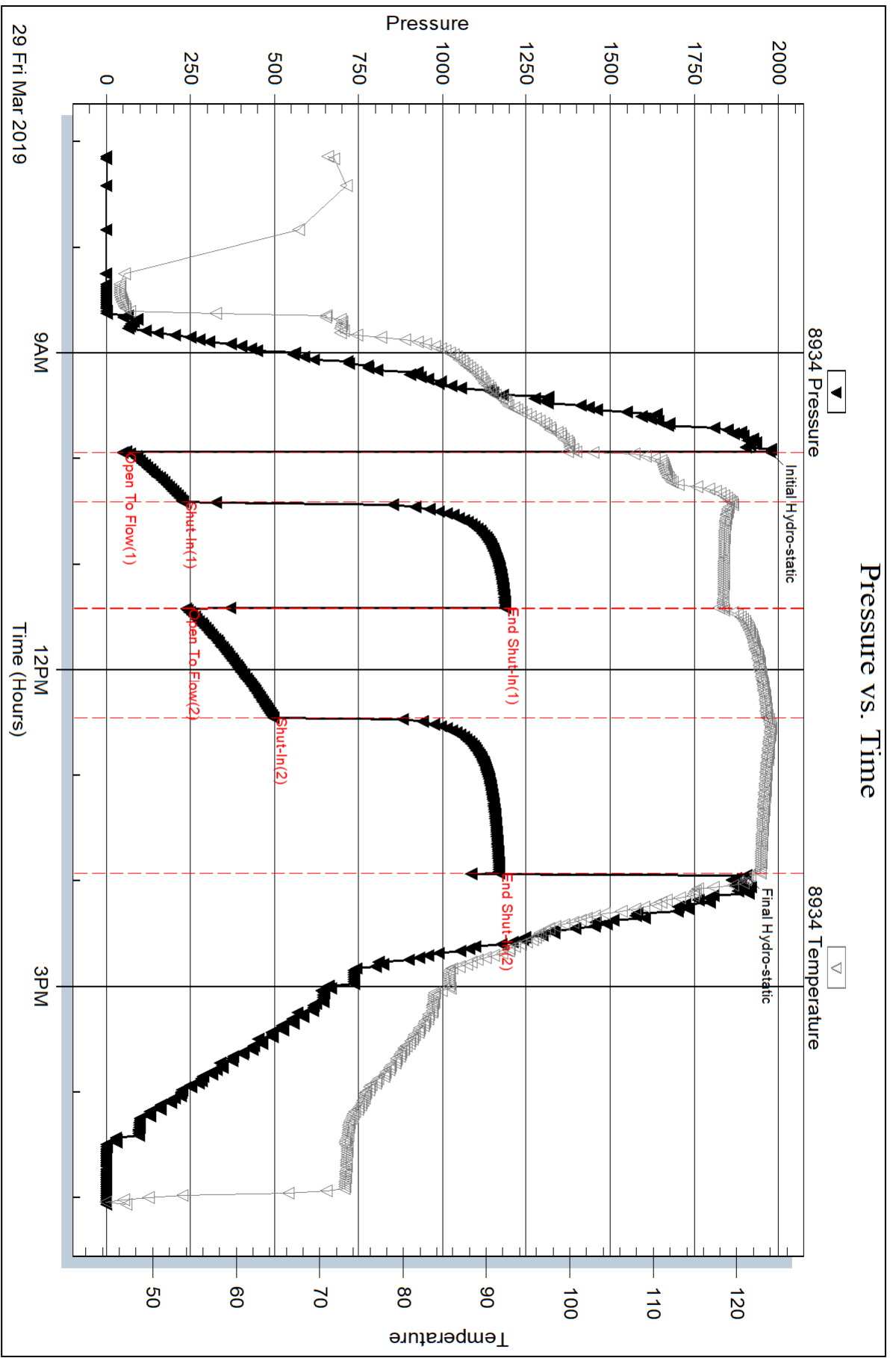
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

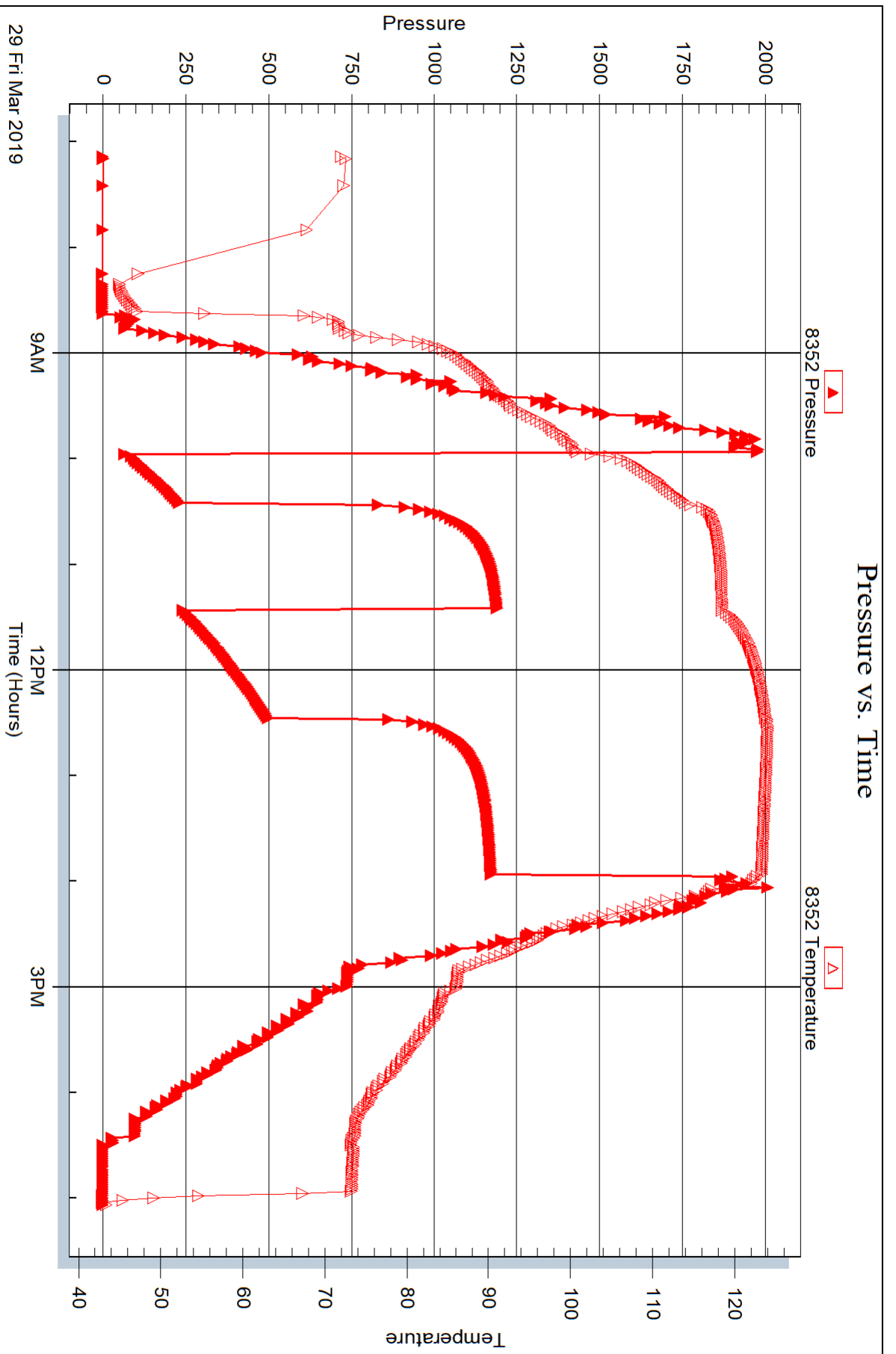


Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 65108

Printed: 2019.04.03 @ 08:43:54



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.30 @ 06:57:00

End Date: 2019.03.30 @ 16:20:45

Job Ticket #: 65109 DST #: 5

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

Printed: 2019.04.03 @ 08:42:23



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 #7

Job Ticket: 65109

DST#: 5

Test Start: 2019.03.30 @ 06:57:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:56:45
 Tester: Spencer J Staab
 Time Test Ended: 16:20:45
 Unit No: 84
 Interval: **3985.00 ft (KB) To 4000.00 ft (KB) (TVD)**
 Reference Elevations: 2327.00 ft (KB)
 Total Depth: 4000.00 ft (KB) (TVD)
 2320.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 7.00 ft

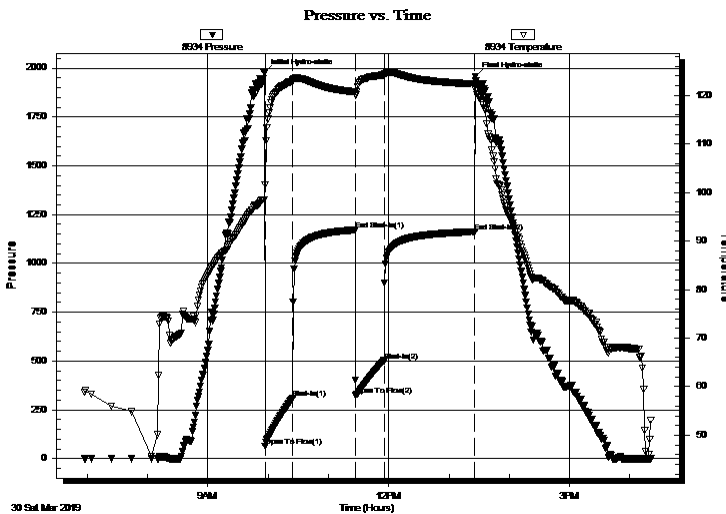
Serial #: 8934

Inside

Press@RunDepth: 501.52 psig @ 3987.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.30 End Date: 2019.03.30 Last Calib.: 2019.03.30
 Start Time: 06:57:15 End Time: 16:20:45 Time On Btm: 2019.03.30 @ 09:56:15
 Time Off Btm: 2019.03.30 @ 13:26:30

TEST COMMENT: 30-IF-BOB 3 mins; Built to 99"
 60-ISI-Weak; Built to 6"
 30-FF-BOB 4 mins; Built to 77"
 90-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.47	98.45	Initial Hydro-static
1	63.63	101.54	Open To Flow (1)
29	311.58	122.94	Shut-In(1)
91	1171.53	120.71	End Shut-In(1)
91	326.28	120.09	Open To Flow (2)
119	501.52	124.23	Shut-In(2)
210	1162.19	122.40	End Shut-In(2)
211	1957.78	121.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	GOM 20%G 40%O 40%M	0.49
1220.00	GO 50%G 50%O	16.50
0.00	120' 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

Gore Oil Company

28-11S-21W Trego KS

PO Box 2757
Wichita KS 67202+2757

Lynd #7

Job Ticket: 65109

DST#: 5

ATTN: Chuck Schmaltz

Test Start: 2019.03.30 @ 06:57:00

Tool Information

Drill Pipe:	Length: 3796.00 ft	Diameter: 3.82 inches	Volume: 53.81 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	66000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3985.00 ft			Final	64000.00 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			3957.00	
Shut In Tool	5.00			3962.00	
Hydraulic tool	5.00			3967.00	
Jars	5.00			3972.00	
Safety Joint	3.00			3975.00	
Packer	5.00			3980.00	29.00 Bottom Of Top Packer
Packer	5.00			3985.00	
Stubb	1.00			3986.00	
Perforations	1.00			3987.00	
Recorder	0.00	8934	Inside	3987.00	
Recorder	0.00	8352	Outside	3987.00	
Perforations	10.00			3997.00	
Bullnose	3.00			4000.00	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 #7

Job Ticket: 65109

DST#: 5

ATTN: Chuck Schmaltz

Test Start: 2019.03.30 @ 06:57:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	GOM 20%G 40%O 40%M	0.492
1220.00	GO 50%G 50%O	16.498
0.00	120' GIP	0.000

Total Length: 1320.00 ft

Total Volume: 16.990 bbl

Num Fluid Samples: 0

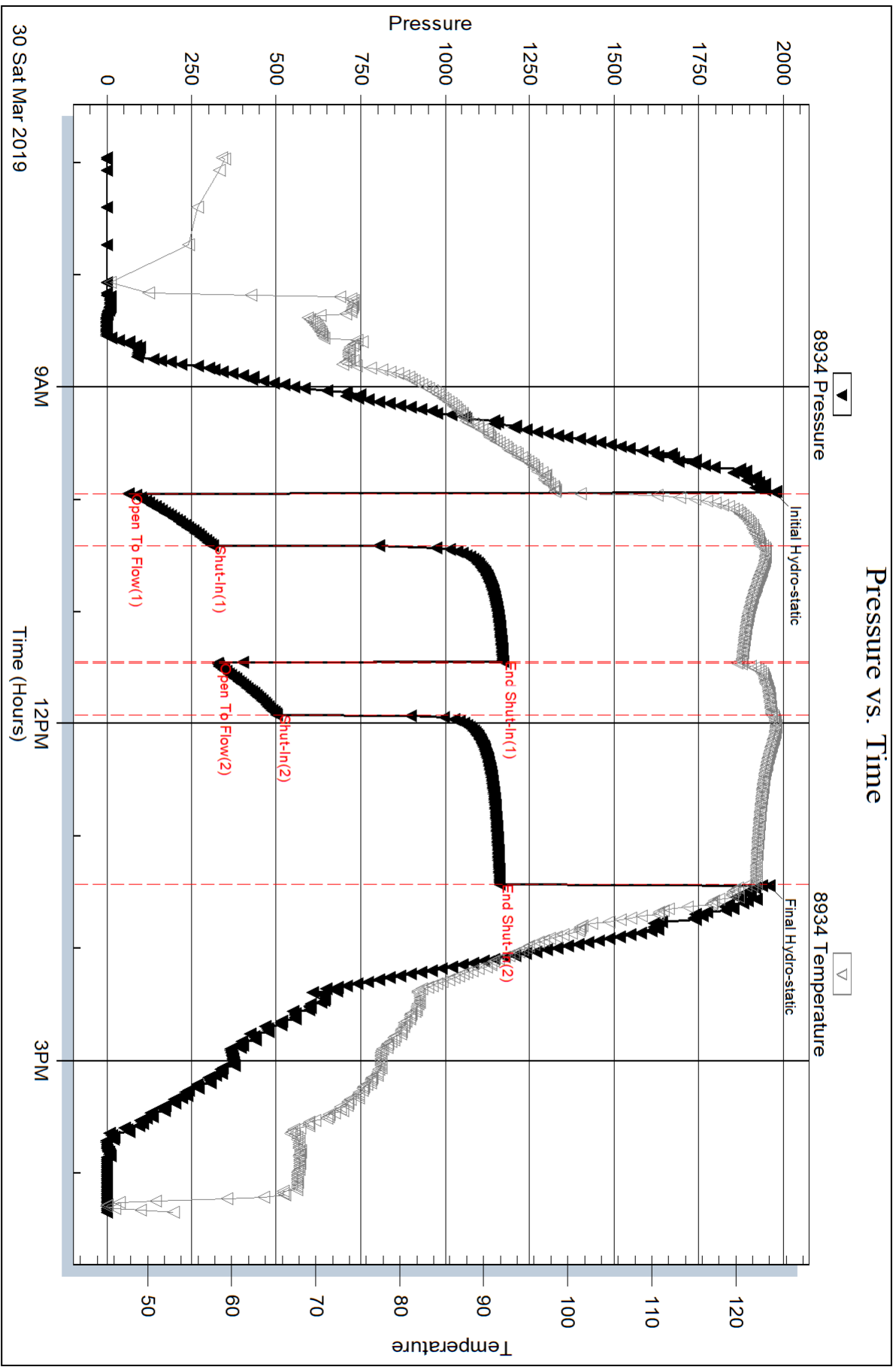
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

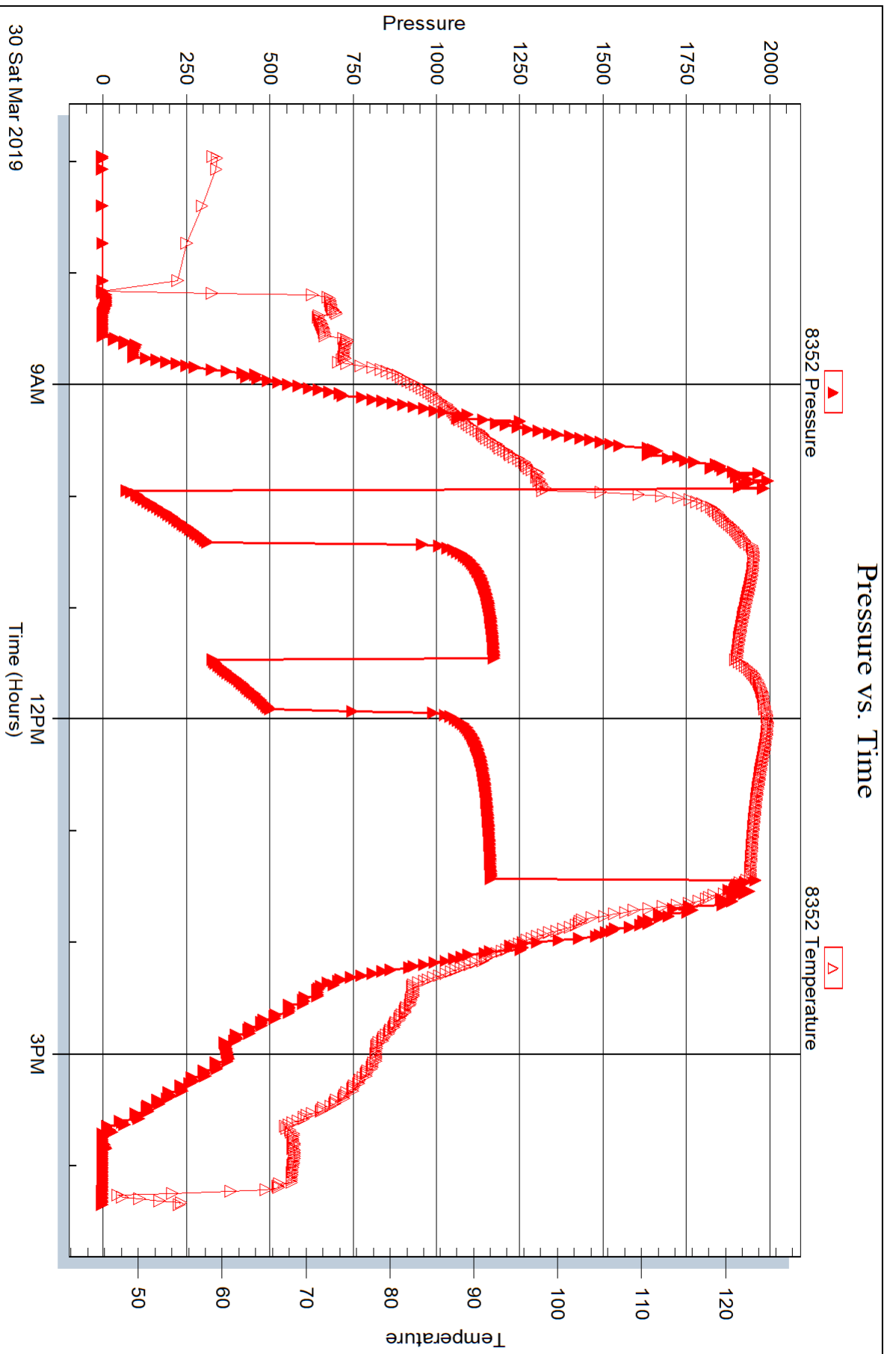


Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 65109

Printed: 2019.04.03 @ 08:42:24



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.30 @ 23:50:00

End Date: 2019.03.31 @ 10:24:00

Job Ticket #: 65110 DST #: 6

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

Printed: 2019.04.03 @ 08:41:20



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 #7

Job Ticket: 65110

DST#: 6

Test Start: 2019.03.30 @ 23:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:48:30
 Time Test Ended: 10:24:00
 Interval: **4000.00 ft (KB) To 4010.00 ft (KB) (TVD)**
 Total Depth: 4010.00 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: 2327.00 ft (KB)
 2320.00 ft (CF)
 KB to GR/CF: 7.00 ft

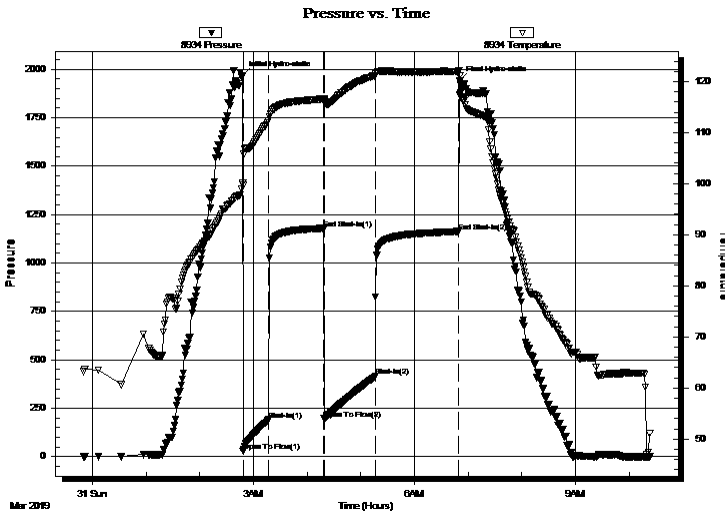
Serial #: 8934

Inside

Press@RunDepth: 414.36 psig @ 4002.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.03.30 End Date: 2019.03.31 Last Calib.: 2019.03.31
 Start Time: 23:50:15 End Time: 10:24:00 Time On Btm: 2019.03.31 @ 02:48:15
 Time Off Btm: 2019.03.31 @ 06:50:45

TEST COMMENT: 30-IF-BOB 7 mins; Built to 54"
 60-ISI-Fair; Built to 6"
 60-FF-BOB 10 mins; Built to 80"
 90-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.75	100.16	Initial Hydro-static
1	29.22	99.68	Open To Flow (1)
29	190.42	112.31	Shut-In(1)
91	1179.07	116.60	End Shut-In(1)
91	195.81	116.12	Open To Flow (2)
149	414.36	121.21	Shut-In(2)
242	1162.72	122.07	End Shut-In(2)
243	1940.19	121.21	Final Hydro-static

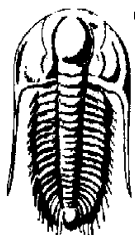
Recovery

Length (ft)	Description	Volume (bbl)
10.00	GHOCM 20%G 20%O 60%M	0.05
1060.00	GO 60%G 40%O	13.40
0.00	60' GIP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

28-11S-21W Trego KS
Lynd #7
Job Ticket: 65110 **DST#: 6**
Test Start: 2019.03.30 @ 23:50:00

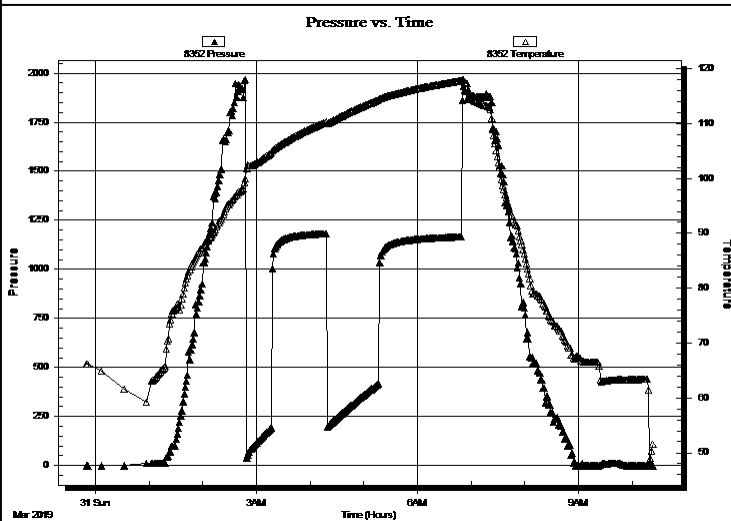
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:48:30 Tester: Spencer J Staab
Time Test Ended: 10:24:00 Unit No: 84

Interval: **4000.00 ft (KB) To 4010.00 ft (KB) (TVD)** Reference Elevations: 2327.00 ft (KB)
Total Depth: 4010.00 ft (KB) (TVD) 2320.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
Press@RunDepth: psig @ 4002.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.03.30 End Date: 2019.03.31 Last Calib.: 2019.03.31
Start Time: 23:50:15 End Time: 10:24:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-BOB 7 mins; Built to 54"
60-ISI-Fair; Built to 6"
60-FF-BOB 10 mins; Built to 80"
90-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GHOCM 20%G 20%O 60%M	0.05
1060.00	GO 60%G 40%O	13.40
0.00	60' GIP 100%G	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

Gore Oil Company

28-11S-21W Trego KS

PO Box 2757
Wichita KS 67202+2757

Lynd #7

Job Ticket: 65110

DST#: 6

ATTN: Chuck Schmaltz

Test Start: 2019.03.30 @ 23:50:00

Tool Information

Drill Pipe:	Length: 3800.00 ft	Diameter: 3.82 inches	Volume: 53.87 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4000.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	39.00 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			3972.00	
Shut In Tool	5.00			3977.00	
Hydraulic tool	5.00			3982.00	
Jars	5.00			3987.00	
Safety Joint	3.00			3990.00	
Packer	5.00			3995.00	29.00 Bottom Of Top Packer
Packer	5.00			4000.00	
Stubb	1.00			4001.00	
Perforations	1.00			4002.00	
Recorder	0.00	8934	Inside	4002.00	
Recorder	0.00	8352	Outside	4002.00	
Perforations	5.00			4007.00	
Bullnose	3.00			4010.00	10.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**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 #7

Job Ticket: 65110

DST#: 6

ATTN: Chuck Schmaltz

Test Start: 2019.03.30 @ 23:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 36.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	GHOCM 20%G 20%O 60%M	0.049
1060.00	GO 60%G 40%O	13.397
0.00	60' GIP 100%G	0.000

Total Length: 1070.00 ft Total Volume: 13.446 bbl

Num Fluid Samples: 0

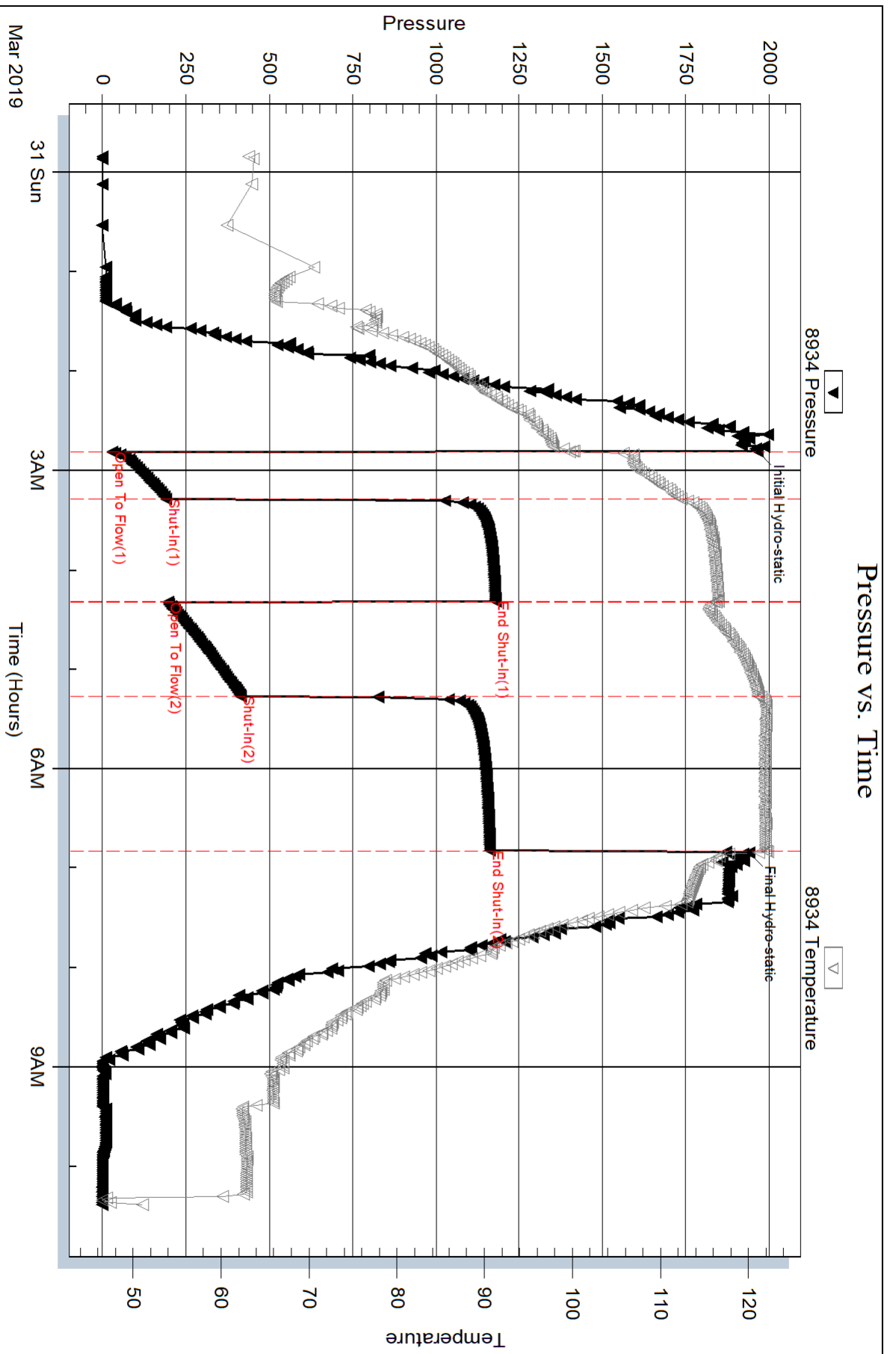
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

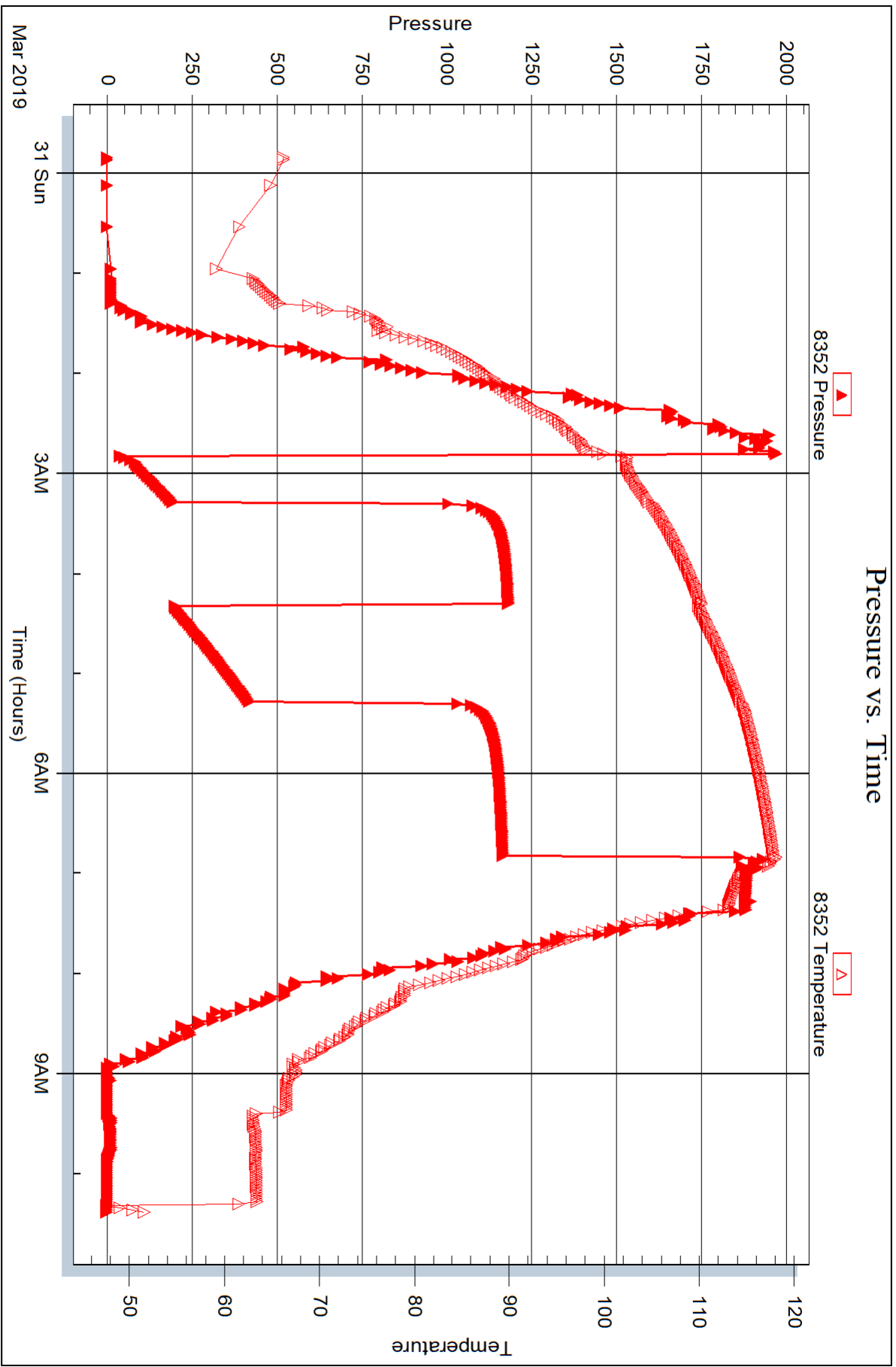


Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 6





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202+2757

ATTN: Chuck Schmaltz

Lynd #7

28-11S-21W Trego KS

Start Date: 2019.03.31 @ 17:50:00

End Date: 2019.04.01 @ 01:55:45

Job Ticket #: 65111 DST #: 7

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

Printed: 2019.04.03 @ 08:40:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

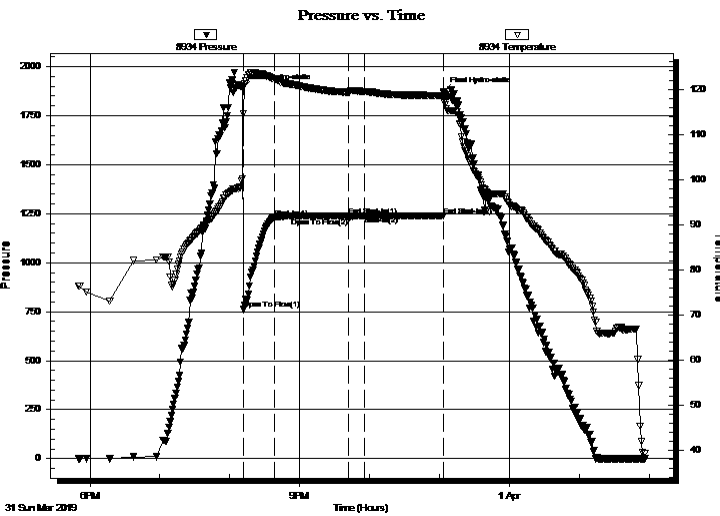
28-11S-21W Trego KS
Lynd #7
Job Ticket: 65111 **DST#: 7**
Test Start: 2019.03.31 @ 17:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:11:45
Time Test Ended: 01:55:45
Interval: **4010.00 ft (KB) To 4030.00 ft (KB) (TVD)**
Total Depth: 4030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2327.00 ft (KB)
2320.00 ft (CF)
KB to GR/CF: 7.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Spencer J Staab
Unit No: 84

Serial #: 8934 Inside
Press@RunDepth: 1239.18 psig @ 4012.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.03.31 End Date: 2019.04.01 Last Calib.: 2019.04.01
Start Time: 17:50:15 End Time: 01:55:45 Time On Btm: 2019.03.31 @ 20:10:45
Time Off Btm: 2019.03.31 @ 23:03:30

TEST COMMENT: 30-IF-BOB 30 secs; Took sensor off at 770" (25 mins in)
60-ISI-No Return
15-FF-BOB instantly
60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1890.13	100.15	Initial Hydro-static
1	761.07	114.57	Open To Flow (1)
28	1230.92	122.23	Shut-In(1)
91	1239.20	119.30	End Shut-In(1)
91	1226.91	119.29	Open To Flow (2)
105	1239.18	119.49	Shut-In(2)
173	1239.19	118.62	End Shut-In(2)
173	1871.57	118.00	Final Hydro-static

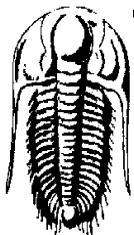
Recovery

Length (ft)	Description	Volume (bbl)
2500.00	SW 100%W	33.72
210.00	MW w /oil spots 40%M 60%W	2.98

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

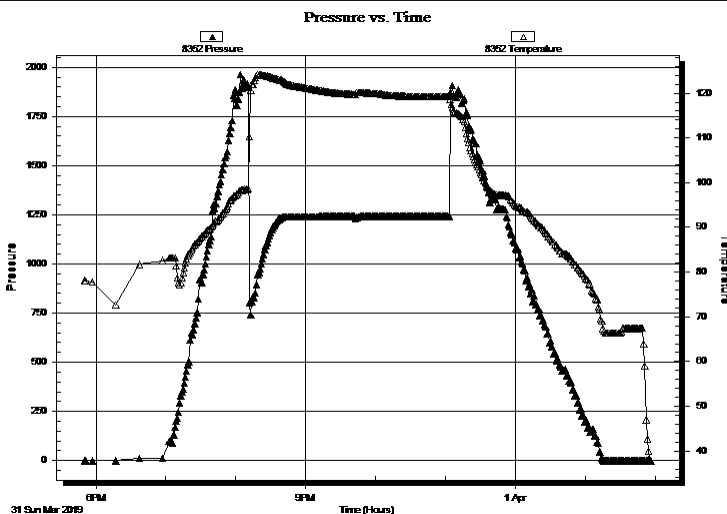
28-11S-21W Trego KS
Lynd #7
 Job Ticket: 65111 **DST#: 7**
 Test Start: 2019.03.31 @ 17:50:00

GENERAL INFORMATION:

Formation: Arbuckle			
Deviated: No Whipstock:		ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 20:11:45			Tester: Spencer J Staab
Time Test Ended: 01:55:45			Unit No: 84
Interval: 4010.00 ft (KB) To 4030.00 ft (KB) (TVD)			Reference Elevations: 2327.00 ft (KB)
Total Depth: 4030.00 ft (KB) (TVD)			2320.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair		KB to GR/CF: 7.00 ft

Serial #: 8352	Outside		
Press@RunDepth:	psig @	4012.00 ft (KB)	Capacity: 8000.00 psig
Start Date:	2019.03.31	End Date: 2019.04.01	Last Calib.: 2019.04.01
Start Time:	17:50:15	End Time: 01:56:00	Time On Btm:
			Time Off Btm:

TEST COMMENT: 30-IF-BOB 30 secs; Took sensor off at 770" (25 mins in)
 60-ISI-No Return
 15-FF-BOB instantly
 60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2500.00	SW 100%W	33.72
210.00	MW w /oil spots 40%M 60%W	2.98

Gas Rates

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

* Recovery from multiple tests



**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 #7

Job Ticket: 65111

DST#: 7

ATTN: Chuck Schmaltz

Test Start: 2019.03.31 @ 17:50:00

Tool Information

Drill Pipe:	Length: 3828.00 ft	Diameter: 3.82 inches	Volume: 54.26 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	83000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4010.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	1	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			3982.00	
Shut In Tool	5.00			3987.00	
Hydraulic tool	5.00			3992.00	
Jars	5.00			3997.00	
Safety Joint	3.00			4000.00	
Packer	5.00			4005.00	29.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Perforations	1.00			4012.00	
Recorder	0.00	8934	Inside	4012.00	
Recorder	0.00	8352	Outside	4012.00	
Perforations	15.00			4027.00	
Bullnose	3.00			4030.00	20.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**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 #7

Job Ticket: 65111

DST#: 7

ATTN: Chuck Schmaltz

Test Start: 2019.03.31 @ 17:50:00

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:

70000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2500.00	SW 100%W	33.717
210.00	MW w/oil spots 40%M 60%W	2.977

Total Length: 2710.00 ft Total Volume: 36.694 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Rw = .233@34F

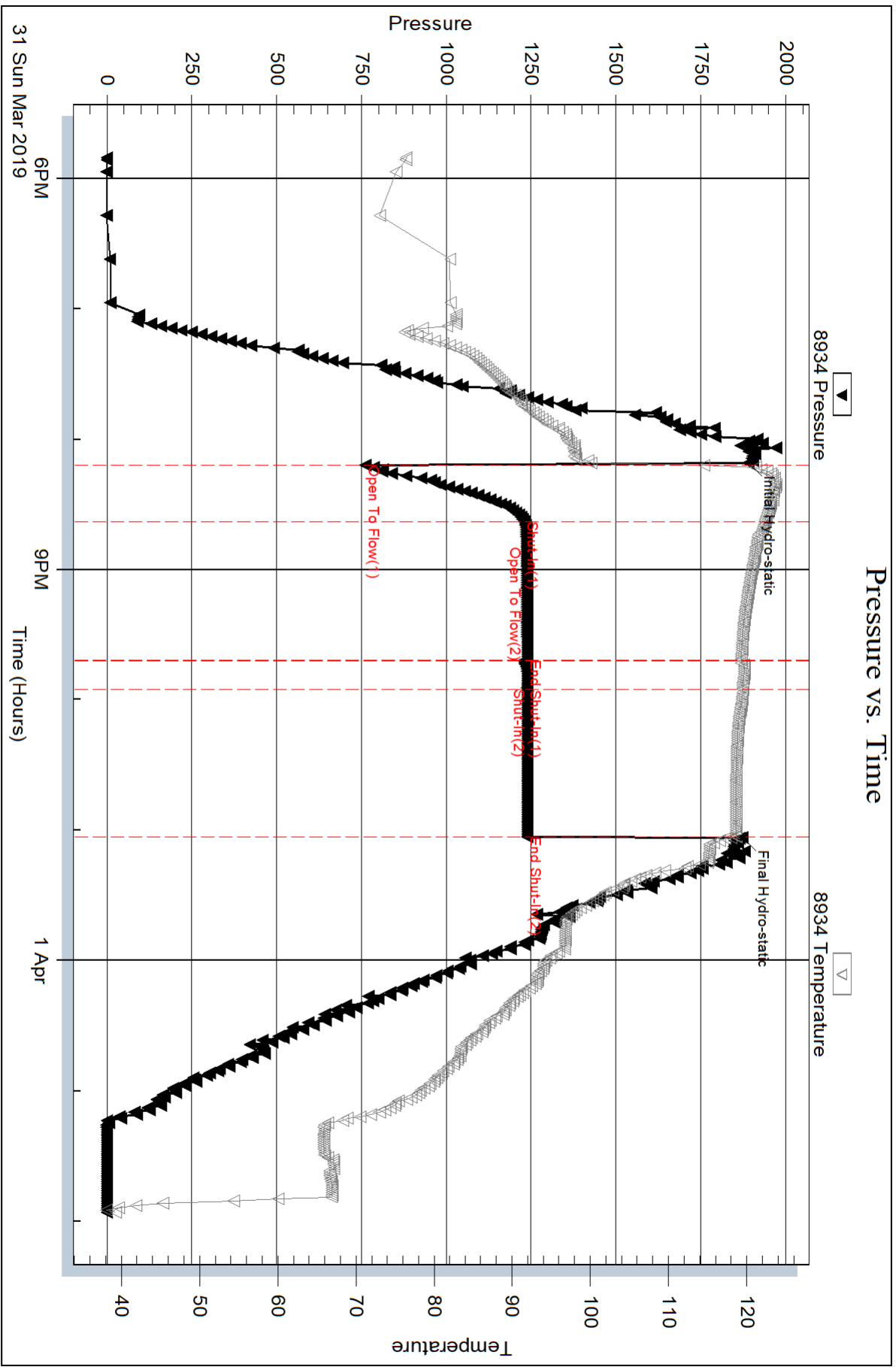
Serial #: 8934

Inside

Gore Oil Company

Lynd #7

DST Test Number: 7

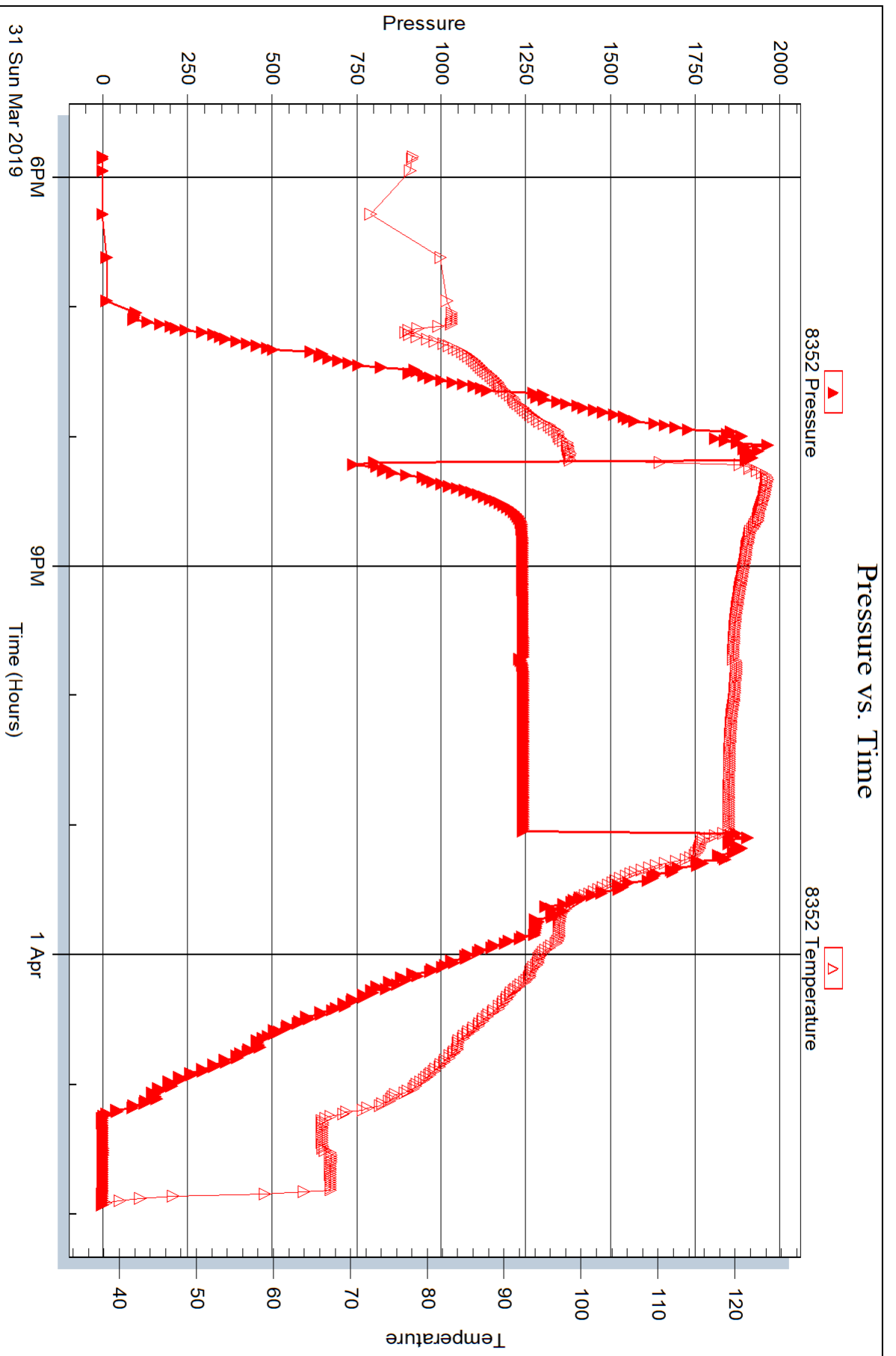


Serial #: 8352

Outside Gore Oil Company

Lynd #7

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 65111

Printed: 2019.04.03 @ 08:40:20



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65105

Well Name & No. Lynd #7 Test No. 1 Date 03/26/2019
 Company More Oil Company Elevation 2320 KB 2327 GL
 Address 202 S 57 Francis PO BOX 2757 Wichita Ks 67202
 Co. Rep / Geo. Chuck Schmalty Rig WVW#12
 Location: Sec. 28 Twp 11S Rge. 2W Co. Trego State Ks

Interval Tested 3699' - 3780' Zone Tested LKC 'D-H'
 Anchor Length 81' Drill Pipe Run 3515' Mud Wt. 8.9
 Top Packer Depth 3694' Drill Collars Run 186' Vis 60
 Bottom Packer Depth 3699' Wt. Pipe Run - WL 6.8
 Total Depth 3780' Chlorides 1700 ppm System LCM 2#

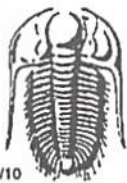
Blow Description 27-BOB 30 mins
ISD - No Return
47-BOB 50 mins; Built to 13"
7SD - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>300'</u>	<u>SOA WCM</u>		<u>70</u>	<u>30</u>	
<u>54'</u>	<u>SOA WCM</u>	<u>5</u>	<u>5</u>	<u>90</u>	
<u>1'</u>	<u>CO</u>	<u>100</u>			

Rec Total 355' BHT 112° Gravity - API RW 133 @ 45° F Chlorides 98,000 ppm

(A) Initial Hydrostatic <u>1816</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>20:18</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:03</u>
(C) First Final Flow <u>119</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:40</u> <u>03/27/2019</u>
(D) Initial Shut-In <u>1082</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>04:40</u>
(E) Second Initial Flow <u>121</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2x</u> 1.25h 125	T-Out <u>07:20</u>
(F) Second Final Flow <u>181</u>	<input checked="" type="checkbox"/> Mileage <u>607</u> 60	Comments _____
(G) Final Shut-In <u>506</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1804</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1710</u>
	Sub Total <u>1710</u>	MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Stahl Thanks!
 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 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

NO. 65106

Well Name & No. Lynd #7 Test No. 2 Date 03/27/2019
 Company Dore Oil Company Elevation 2327 KB 2320 GL
 Address 202 S 57 Francis PO BOX 2757 Wichita Ks 67202-2757
 Co. Rep / Geo. Chuck Schmally Rig 2WU #12
 Location: Sec. 28 Twp 11S Rge. 21W Co. Trego State Ks

Interval Tested 3779 - 3874' Zone Tested LKC 'D-L'
 Anchor Length 95' Drill Pipe Run 3576' Mud Wt. 9.0
 Top Packer Depth 3774' Drill Collars Run 186' Vis 58
 Bottom Packer Depth 3779' Wt. Pipe Run - WL 7.2
 Total Depth 3874' Chlorides 5100 ppm System LCM 2#

Blow Description 77-Weak; Built to 1/4"
78- No Return
77- No Blow
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>SOCM</u>	<u>2</u>		<u>98</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 107° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1859</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>19:45</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:15</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:35</u>
(D) Initial Shut-In <u>579</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>01:40</u> <u>03/28/2019</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:30</u>
(F) Second Final Flow <u>31</u>	<input checked="" type="checkbox"/> Mileage <u>80x2</u> 60+60	Comments <u>went back to pump they had to short trip</u>
(G) Final Shut-In <u>272</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> EM Tool
(H) Final Hydrostatic <u>1818</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1645</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1645</u>	

Approved By _____

Our Representative Spencer J. Stahl

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

NO. 65107

Well Name & No. Lynd #7 Test No. 3 Date 03/28/2019
 Company Yore Oil Company Elevation 2327 KB 2320 GL
 Address 202 S St Francis PO BOX 2757 Wichita KS 67202+2757
 Co. Rep / Geo. Chuck Schmatly Rig WU #12
 Location: Sec. 28 Twp 11A Rge. 21w Co. Trego State KS

Interval Tested 3932' - 3970' Zone Tested Marmaton
 Anchor Length 38' Drill Pipe Run 3737' Mud Wt. 9.0
 Top Packer Depth 3927' Drill Collars Run 186' Vis 45
 Bottom Packer Depth 3932' Wt. Pipe Run — WL 7.2
 Total Depth 3970' Chlorides 5800 ppm System LCM #

Blow Description 07-BOB 25 mins; Built to 12"
ISD - No Return
77-BOB in 23 mins; Built to 25"
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
130	900M	40	40	60	
220	90	30	70		
	150' GIP	100			

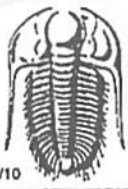
Rec Total 350' BHT 115° Gravity 41° API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1952</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>15:10</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:28</u>
(C) First Final Flow <u>93</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:15</u>
(D) Initial Shut-In <u>1167</u>	<input type="checkbox"/> Circ Sub <u>—</u>	T-Pulled <u>22:15</u>
(E) Second Initial Flow <u>98</u>	<input checked="" type="checkbox"/> Hourly Standby <u>X1 .75h 75</u>	T-Out <u>00:54 03/29/2019</u>
(F) Second Final Flow <u>146</u>	<input checked="" type="checkbox"/> Mileage <u>6027 60</u>	Comments <u>—</u>
(G) Final Shut-In <u>1158</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>1921</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> EM Tool <u>—</u>
	<input type="checkbox"/> Shale Packer <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
	<input type="checkbox"/> Extra Packer <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>60</u>	<input type="checkbox"/> Day Standby <u>—</u>	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Accessibility <u>—</u>	Total <u>1660</u>
Final Shut-In <u>90</u>	Sub Total <u>1660</u>	MP/DST Disc't <u>—</u>

Approved By — Our Representative James J. Final 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65108

Well Name & No. Lynd #7 Test No. 4 Date 03/29/2019
 Company Core Oil Company Elevation 2327 KB 2320 GL
 Address 202 S S7 Francis PO BOX 2757 Wichita Ks 67202 +2757
 Co. Rep / Geo. Chuck Schmaltz Rig WW#12
 Location: Sec. 28 Twp 11s Rge. 21w Co. Trego State Ks

Interval Tested 3970'-3985' Zone Tested Arbuckle
 Anchor Length 15' Drill Pipe Run 3770' Mud Wt. 9.0
 Top Packer Depth 3965' Drill Collars Run 186' Vis 45
 Bottom Packer Depth 3970' Wt. Pipe Run - WL 7.2
 Total Depth 3985' Chlorides 5800 ppm System LCM 1#

Blow Description 17-BOB 5mins; Built to 70"
1st Weak; Built to 4"
77-BOB 4mins; Built to 103"
7st Weak Surface

Rec	Feet of	%gas	%oil	%water	%mud
<u>65'</u>		<u>10</u>	<u>40</u>	<u>50</u>	
<u>1640'</u>	<u>60</u>	<u>50</u>	<u>50</u>		
<u>250'</u>	<u>GIP</u>	<u>100</u>			

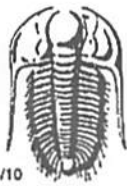
Rec Total 1765' BHT 122° Gravity 41° API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1974 Test 1200 T-On Location 06:50
 (B) First Initial Flow 48 Jars 250 T-Started 07:08
 (C) First Final Flow 227 Safety Joint 75 T-Open 09:56
 (D) Initial Shut-In 1187 Circ Sub _____ T-Pulled 13:56
 (E) Second Initial Flow 237 Hourly Standby X2 1h 100 T-Out 17:04
 (F) Second Final Flow 496 Mileage 6077 60 Comments _____
 (G) Final Shut-In 1169 Sampler _____
 (H) Final Hydrostatic 1903 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 60
 Final Shut-In 90
 Sub Total 1685
 Total 1685
 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Smith 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65109

Well Name & No. Lynel #7 Test No. 5 Date 03/30/2019
 Company Dore Oil Co Elevation 2327 KB 2320 GL
 Address 202 S S7 Francis PO BOX 2757 Wichita KS 67202 + 2757
 Co. Rep / Geo. Chuck Schmalz Rig 209W#12
 Location: Sec. 28 Twp 11a Rge. 21w Co. Trego State KS

Interval Tested 3985' - 4000' Zone Tested Arbuckle
 Anchor Length 15' Drill Pipe Run 3796' Mud Wt. 9.1
 Top Packer Depth 3980' Drill Collars Run 186' Vls 56
 Bottom Packer Depth 3985' Wt. Pipe Run - WL 8.2
 Total Depth 4000 Chlorides 9000 ppm System LCM 2#

Blow Description 67-BOB 3mins; Built to 99"
68- Wash; Built to 6"
77-BOB 4mins; Built to 77"
78- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>100'</u>	<u>60M</u>	<u>20</u>	<u>40</u>	<u>40</u>	<u>0</u>
<u>1220'</u>	<u>60</u>	<u>50</u>	<u>30</u>	<u>10</u>	<u>10</u>
<u>-</u>	<u>120' GIP</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>-</u>	<u>-</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>-</u>	<u>-</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Rec Total 1320' BHT 122° Gravity 41 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1974</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>06:38</u>
(B) First Initial Flow <u>63</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:57</u>
(C) First Final Flow <u>311</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:55</u>
(D) Initial Shut-In <u>1171</u>	<input type="checkbox"/> Circ Sub <u>-</u>	T-Pulled <u>13:25</u>
(E) Second Initial Flow <u>326</u>	<input type="checkbox"/> Hourly Standby <u>X1</u> .75h <u>75</u>	T-Out <u>16:20</u>
(F) Second Final Flow <u>501</u>	<input checked="" type="checkbox"/> Mileage <u>6027</u> <u>60</u>	Comments <u>-</u>
(G) Final Shut-In <u>1162</u>	<input type="checkbox"/> Sampler <u>-</u>	<u>-</u>
(H) Final Hydrostatic <u>1957</u>	<input type="checkbox"/> Straddle <u>-</u>	<input type="checkbox"/> EM Tool <u>-</u>

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 90

Shale Packer -
 Extra Packer -
 Extra Recorder -
 Day Standby -
 Accessibility -

Sub Total 1660

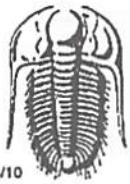
MP/DST Disc't -

Approved By _____

Our Representative Spencer J. Stahl - Thanks!

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785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65110

Well Name & No. Lynd #7 Test No. 6 Date 03/30/2019
 Company Nore Oil Co Elevation 2327 KB 2320 GL
 Address 202 S 87 Francis PO BOX 2757 Wichita KS 67202+2757
 Co. Rep / Geo. Chuck Schmatty Rig WVW #12
 Location: Sec. 28 Twp 11s Rge. 21w Co. Trego State KS

Interval Tested 4000 - 4010' Zone Tested Arbuckle
 Anchor Length 10' Drill Pipe Run 3800' Mud Wt. 9.0
 Top Packer Depth 3995' Drill Collars Run 186' Vis 36
 Bottom Packer Depth 4000' Wt. Pipe Run - WL 11.2
 Total Depth 4010' Chlorides 6000 ppm System LCM 1#

Blow Description 7-BOB 7 min; Built to 54"
8D- Fair; Built to 6"
77-BOB; 10 mins; Built to 88"
7SD- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>G/HOCM</u>	<u>20</u>	<u>20</u>	<u>60</u>	
<u>1060'</u>	<u>GO</u>	<u>60</u>	<u>40</u>		
	<u>60' GIP</u>	<u>100</u>			

Rec Total 1070' BHT 122° Gravity 41° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1965 Test 1300 T-On Location 23:31
 (B) First Initial Flow 29 Jars 250 T-Started 23:50
 (C) First Final Flow 190 Safety Joint 75 T-Open 02:45 03/31/2019
 (D) Initial Shut-In 1179 Circ Sub _____ T-Pulled 06:45
 (E) Second Initial Flow 195 Hourly Standby X/ .5h 50 T-Out 10:22
 (F) Second Final Flow 414 Mileage 6017 60 Comments _____
 (G) Final Shut-In 1162 Sampler _____
 (H) Final Hydrostatic 1940 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 60 Extra Packer _____
 Final Flow 60 Extra Recorder _____
 Final Shut-In 90 Day Standby _____
 Sub Total 1735 Accessibility _____
 Sub Total 1735 EM Tool _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1735
 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Stahl Thanks!
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785-259-0356



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65111

Well Name & No. Lynd #7 Test No. 7 Date 03/31/2019
 Company Dore Oil Co Elevation 2327 KB 2320 GL
 Address 202 S. St Francis PO BOX 2757 Wichita KS 67202 +2757
 Co. Rep / Geo. Church Schmaltz Rig W2W#12
 Location: Sec. 28 Twp 11S Rge. 2W Co. Trego State Ks

Interval Tested 4010' - 4030' Zone Tested Arbuckle
 Anchor Length 20' Drill Pipe Run 3828' Mud Wt. 9.2
 Top Packer Depth 4005' Drill Collars Run 186' Vis 45
 Bottom Packer Depth 4010' Wt. Pipe Run - WL 6.0
 Total Depth 4030' Chlorides 5000 ppm System LCM 1#

Blow Description 77- BOB 30 sec; Built to 770'; took sensor off
75- No Return
74- BOB instantly
75- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>2500'</u>	<u>SW</u>		<u>100</u>		
<u>210'</u>	<u>MW w/ spots oil</u>		<u>60</u>	<u>40</u>	

Rec Total 2710' BHT 118° Gravity - API RW 233 @ 34° F Chlorides 70,000 ppm

(A) Initial Hydrostatic <u>1890</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>17:30</u>
(B) First Initial Flow <u>761</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>17:50</u>
(C) First Final Flow <u>1230</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:08</u>
(D) Initial Shut-In <u>1239</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:53</u>
(E) Second Initial Flow <u>1226</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:51</u> <u>04/01/2019</u>
(F) Second Final Flow <u>1239</u>	<input checked="" type="checkbox"/> Mileage <u>6027</u> <u>60</u>	Comments
(G) Final Shut-In <u>1239</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1871</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool

Initial Open 30
 Initial Shut-In 60
 Final Flow 15
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1685

Sub Total 1685 MP/DST Disc't

Approved By _____ Our Representative Spencer J. Atwell Thanks!
 Tritobite 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.

785-259-003

REPORT LOG

COMPANY: GORE OIL CO.
WELL: LYND #7
LOCATION: 2310' EST. - 1320' FIEL

PRODUCTION:
ELIMINATION:
DATE: 15-195 - 23082-0000
STATE: KANSAS
APIT: MUDCO/SEKICE MUD INC.
MUD COMPANY: MUDCO/SEKICE MUD INC.
CONTRACT NO.: 3380 - 1000
COURTESY: 2/17/57
CHECKED: 1/18/61
CASHING RECORD: TILLOTTE TESTING INC.
SHEETS: 5/18 @ 311 - FRODOOM 5/12 @ 411/4
TOTAL DEPTH LOG: 4122
MIL: CDL

FORMATION TOP	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATA	STRUCTURAL POSITION
ANHYDRITE - TOP	1779	TZ4	+549	46
ANHYDRITE - BASE	1872	181 B	+506	44
TOPEKA	3281	3281	-1053	46
HEEBNER SH.	3294	3294	-1266	48
TORONTO	3614	3614	-1286	48
LANSGING	3629	3629	-1301	47
BKC	3869	3869	-1641	48
MARMATON	3925	3925	-1597	48
CONGUMERATE	N/A	N/A	-	48
ARBOUCHE	3985	3985	-1597	44
TOTAL DEPTH	4122	4122	-1794	41

FORMATION TOPS & STRUCTURAL POSITION

REFERENCE WELL FOR STRUCTURE: GORE OIL CO. - LYND #2
5W SW NE, SEC 28-115 - R1W, T26S 60' N. CITY, KS

NO.	SIZE	NAME	TYPE	DEPTH IN	FEET	HOURS	PIPE STRAINS @ 380 - 399 SHOET @ 312 - 315 @ 310 - 314
1	1 1/4"	STC	RR	311'	311'	3 1/4	
2	1 7/8"	STC	F27	4125'	3613'	91	

DATE	DAILY PENETRATION (MPH)	MAX. RATE	ADJUST	DRILLING TIME IN MINUTES PER FOOT	DEPTH	DRILLING TIME IN MINUTES PER FOOT
3-12	3.17	3.17	DRILL	1.0	1779	5
3-13	3.17	3.17	DRILL	1.0	1872	10
3-14	3.17	3.17	DRILL	1.0	2000	15
3-15	3.17	3.17	DRILL	1.0	2200	20
3-16	3.17	3.17	DRILL	1.0	2400	25
3-17	3.17	3.17	DRILL	1.0	2600	30
3-18	3.17	3.17	DRILL	1.0	2800	35
3-19	3.17	3.17	DRILL	1.0	3000	40
3-20	3.17	3.17	DRILL	1.0	3200	45
3-21	3.17	3.17	DRILL	1.0	3400	50
3-22	3.17	3.17	DRILL	1.0	3600	55
3-23	3.17	3.17	DRILL	1.0	3800	60
3-24	3.17	3.17	DRILL	1.0	4000	65
3-25	3.17	3.17	DRILL	1.0	4122	70

DRILL STEEL TESTS (SEE DETAIL FOR DST #7)

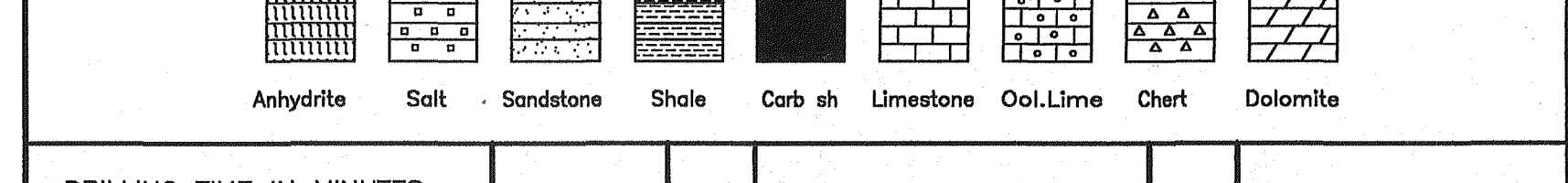
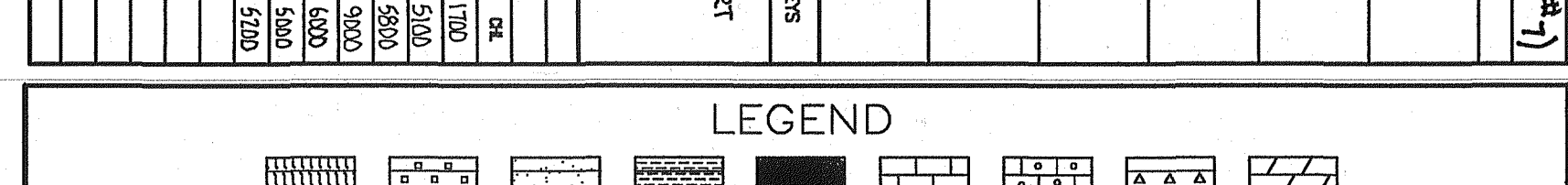
No.	Interval	Length	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time	SPC/Time
1	3699-3780	24"-19"	1082#	121-18"	506#	1816#	1804#	54' 50"WCM				
2	3719-3814	18"-15"	519#	27"-21"	272#	1859#	1818#	20' VSOCM				
3	3932-3970	24"-19"	1167#	98"-146"	1158#	1922#	1871#	150' GIP				
4	3985-4000	30"-30"	1171#	325"-50"	1162#	1947#	1940#	120' GIP				
5	4000-4010	24"-19"	1179#	193"-149"	1162#	1940#	1940#	120' GIP				
6	4010-4016	30"-30"	1179#	193"-149"	1162#	1940#	1940#	100' GIP				

FORMATION TOPS & STRUCTURAL POSITION

REFERENCE WELL FOR STRUCTURE: GORE OIL CO. - LYND #2
5W SW NE, SEC 28-115 - R1W, T26S 60' N. CITY, KS

FORMATION TOP	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATA	STRUCTURAL POSITION
ANHYDRITE - TOP	1779	TZ4	+549	46
ANHYDRITE - BASE	1872	181 B	+506	44
TOPEKA	3281	3281	-1053	46
HEEBNER SH.	3294	3294	-1266	48
TORONTO	3614	3614	-1286	48
LANSGING	3629	3629	-1301	47
BKC	3869	3869	-1641	48
MARMATON	3925	3925	-1597	48
CONGUMERATE	N/A	N/A	-	48
ARBOUCHE	3985	3985	-1597	44
TOTAL DEPTH	4122	4122	-1794	41

NO.	SIZE	NAME	TYPE	DEPTH IN	FEET	HOURS	PIPE STRAINS @ 380 - 399 SHOET @ 312 - 315 @ 310 - 314
1	1 1/4"	STC	RR	311'	311'	3 1/4	
2	1 7/8"	STC	F27	4125'	3613'	91	



DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1779	ANHYDRITE - TOP			(+549)
1872	ANHYDRITE - BASE			(+506)
3281	TOPEKA			(-1053)
3294	HEEBNER			(-1266)
3614	TORONTO			(-1286)
3629	LANSGING			(-1301)

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
3719-3814	DST #1	30"-60"-60"-90"		RECOVERED: 1' CD 54' 50"WCM (5% O, 5% W, 90% N) 300' MW (30% M, 70% W) CHL: 93.000 PPM SVS: (900 PPM)
3719-3814	DST #2	30"-60"-30"-60"		RECOVERED: 20' VSOCM (2% O, 98% N) HSP: 1859#-1818# FP: 18"-25"/29"-31" SIP: 579#-272# BHT: 107°F
3932-3970	DST #3	30"-60"-60"-90"		RECOVERED: 120' GIP (58% O, 50% W) (GR 41%) 100' 6" HOCM (20% G, 40% O, 50% M) HSP: 1974#-1903# FP: 63"-311"/326"-501" SIP: 1171#-1162# BHT: 122°F
3985-4000	DST #4	30"-60"-15"-60"		RECOVERED: 2500' W (CHL - 1871) HSP: 1890 - 1730 / 1226 - 1299 SIP: 1239 - 1239 BHT: 118°F

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
3719-3814	DST #1	30"-60"-60"-90"		RECOVERED: 1' CD 54' 50"WCM (5% O, 5% W, 90% N) 300' MW (30% M, 70% W) CHL: 93.000 PPM SVS: (900 PPM)
3719-3814	DST #2	30"-60"-30"-60"		RECOVERED: 20' VSOCM (2% O, 98% N) HSP: 1859#-1818# FP: 18"-25"/29"-31" SIP: 579#-272# BHT: 107°F
3932-3970	DST #3	30"-60"-60"-90"		RECOVERED: 120' GIP (58% O, 50% W) (GR 41%) 100' 6" HOCM (20% G, 40% O, 50% M) HSP: 1974#-1903# FP: 63"-311"/326"-501" SIP: 1171#-1162# BHT: 122°F
3985-4000	DST #4	30"-60"-15"-60"		RECOVERED: 2500' W (CHL - 1871) HSP: 1890 - 1730 / 1226 - 1299 SIP: 1239 - 1239 BHT: 118°F