

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](mailto: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
--	---

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	BEREXCO LLC
Well Name	GORE MILLER 6
Doc ID	1639365

All Electric Logs Run

Microlog
Density-neutron
Induction
Guard log



# QUALITY WELL SERVICE, INC.

7900

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410

Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
3-22-15	15	15S	12W	Russell	Ks		
Lease BOBE MILLER	Well No. #6	Location OAK KI 11 43 235 <sup>th</sup> RIM W to 129 <sup>th</sup> W					
Contractor Southwind Drilling Co. 20" S	Owner J. B. Winterich LN 1 W to 197 <sup>th</sup> W 1/4 N						
Type Job 20" S	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size 12 1/4	T.D. 598'						
Csg. 8 5/8 23"	Depth 598'	Charge To	BEPERLO				
Tbg. Size	Depth	Street					
Tool	Depth	City		State			
Cement Left in Csg.	Shoe Joint 28'	The above was done to satisfaction and supervision of owner agent or contractor					
Meas Line	Displace 36.48	Cement Amount Ordered		4500			
<b>EQUIPMENT</b>							
Pumptrk 3 No.			2 1/2 GAL 3/16 12 1/2 IPS				
Bulktrk 12 No.			Common 2450				
Bulktrk No.			Poz. Mix				
Pickup No.			Gel. 340 <sup>+</sup>				
				Calcium 1269 <sup>+</sup>			
<b>JOB SERVICES &amp; REMARKS</b>							
Rat Hole			Hulls				
Mouse Hole			Salt				
Centralizers			Flowseal 225"				
Baskets			Kol-Seal				
D/V or Port Collar			Mud CLR 48				
14 1/2 8 5/8 23" Csg. (T.D. 598')				CFL-117 or CD110 CAF 38			
While csg. csg. on bottom hook up to				Sand			
csg. 150' & 120'				Handling			
SHAG Pumping Add				Mileage 20			
SHAG Pumping Add				<b>FLOAT EQUIPMENT</b>			
SHAG Pumping Add				Guide Shoe			
SHAG Pumping Add				Centralizer			
SHAG Pumping Add				Baskets			
SHAG Pumping Add				AFU Inserts			
SHAG Pumping Add				Float Shoe			
SHAG Pumping Add				Latch Down			
SHAG Pumping Add				SHOCK SPRING 1 EA			
SHAG Pumping Add				LMV 20			
SHAG Pumping Add				Pumptrk Charge 5000			
SHAG Pumping Add				Mileage 40			
SHAG Pumping Add				Tax			
SHAG Pumping Add				Discount			
SHAG Pumping Add				Total Charge			
SHAG Pumping Add				Signature: [Signature]			
SHAG Pumping Add				Taylor Printing, Inc.			



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68347

**DST#: 1**

ATTN: Bryan Bynos

Test Start: 2022.03.16 @ 12:21:00

## GENERAL INFORMATION:

Formation: **LKC A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:14:00

Time Test Ended: 18:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

**Interval: 2826.00 ft (KB) To 2916.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 2916.00 ft (KB) (TVD)

1718.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

**Serial #: 8652 Outside**

Press@RunDepth: 71.37 psig @ 2827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.16

End Date:

2022.03.16

Last Calib.:

2022.03.16

Start Time:

12:21:05

End Time:

18:18:29

Time On Btm:

2022.03.16 @ 14:12:45

Time Off Btm:

2022.03.16 @ 16:28:30

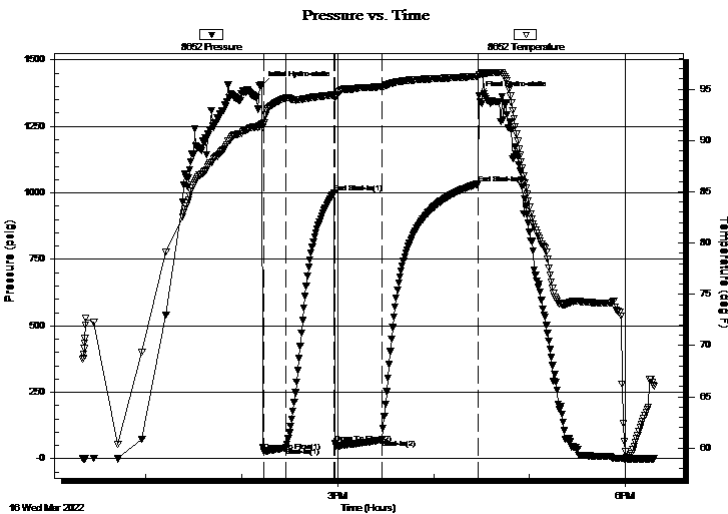
**TEST COMMENT:** IF-15- BOB 1 1/2 min. Built to 70 1/4"

SI1-30- No return

FF-30- BOB instantly, Built to 203 1/2"

SI2-60- Built to 1/4"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1403.03	91.58	Initial Hydro-static
2	28.55	91.50	Open To Flow (1)
16	41.21	94.16	Shut-In(1)
46	1001.04	94.44	End Shut-In(1)
46	58.21	94.14	Open To Flow (2)
75	71.37	95.24	Shut-In(2)
136	1033.94	96.25	End Shut-In(2)
136	1365.14	96.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
112.00	mud w/oil spots 100% mud	1.57
0.00	2238 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Berexco LLC

2020 N Bramblewood  
Wichita, KS 67206

ATTN: Bryan Bynos

**15\_15\_12 Russell, KS**

**Gore Miller #6**

Job Ticket: 68347

**DST#: 1**

Test Start: 2022.03.16 @ 12:21:00

### GENERAL INFORMATION:

Formation: **LKC A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:14:00

Time Test Ended: 18:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

**Interval: 2826.00 ft (KB) To 2916.00 ft (KB) (TVD)**

Total Depth: 2916.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1728.00 ft (KB)

1718.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6625** Inside

Press@RunDepth: psig @ 2827.00 ft (KB)

Start Date: 2022.03.16

End Date: 2022.03.16

Capacity: 8000.00 psig

Last Calib.: 2022.03.16

Start Time: 12:21:05

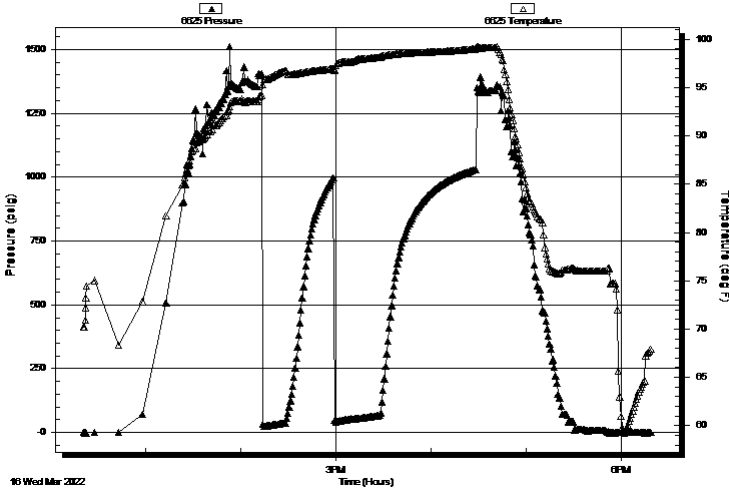
End Time: 18:19:14

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF-15- BOB 1 1/2 min. Built to 70 1/4"  
 SI1-30- No return  
 FF-30- BOB instantly, Built to 203 1/2"  
 SI2-60- Built to 1/4"

Pressure vs. Time



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
112.00	mud w/oil spots100% mud	1.57
0.00	2238 GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68347

**DST#: 1**

ATTN: Bryan Bynos

Test Start: 2022.03.16 @ 12:21:00

### Mud and Cushion Information

Mud Type: Polymer	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
112.00	mud w /oil spots 100% mud	1.571
0.00	2238 GIP	0.000

Total Length: 112.00 ft      Total Volume: 1.571 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

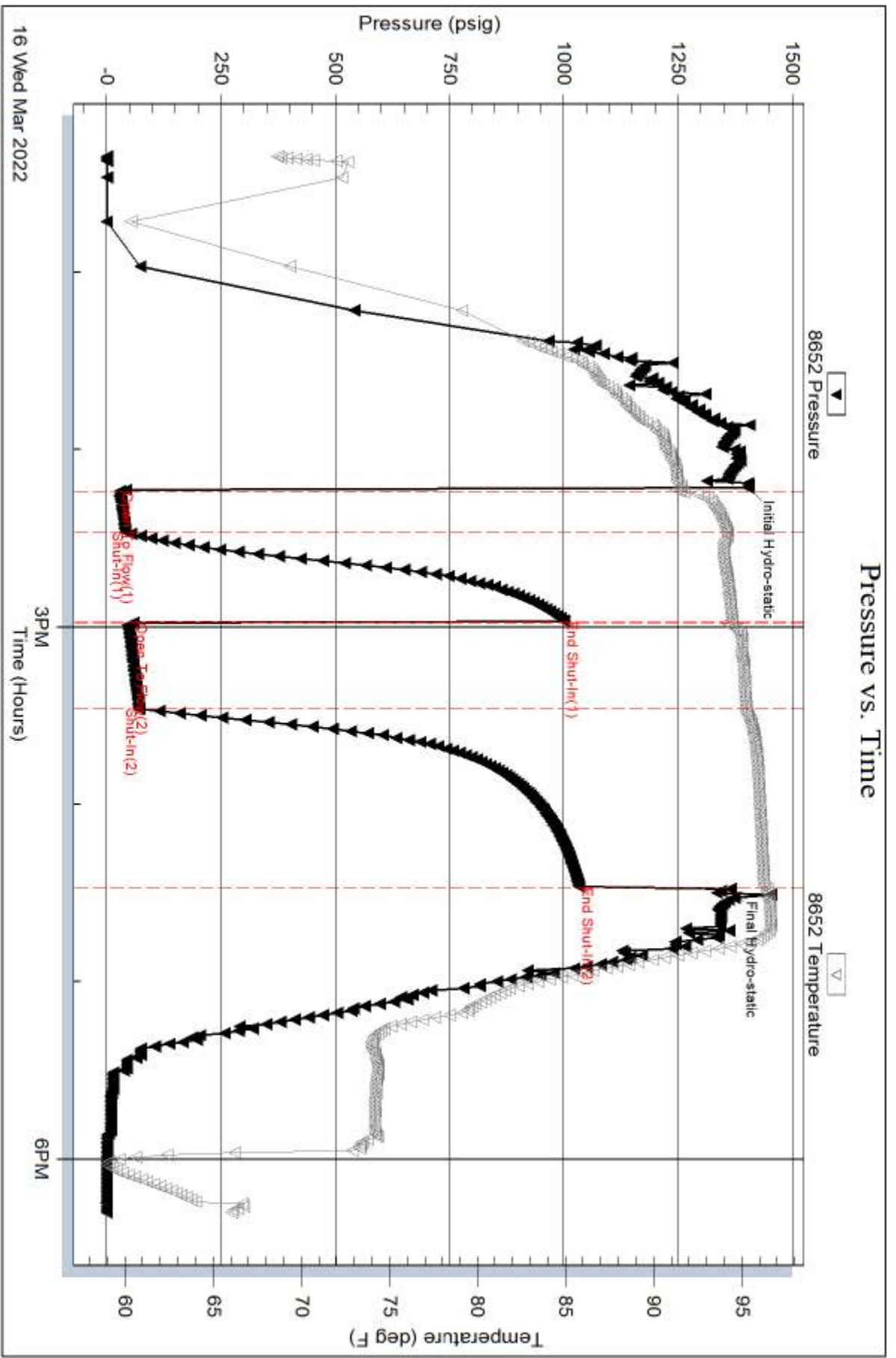
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM





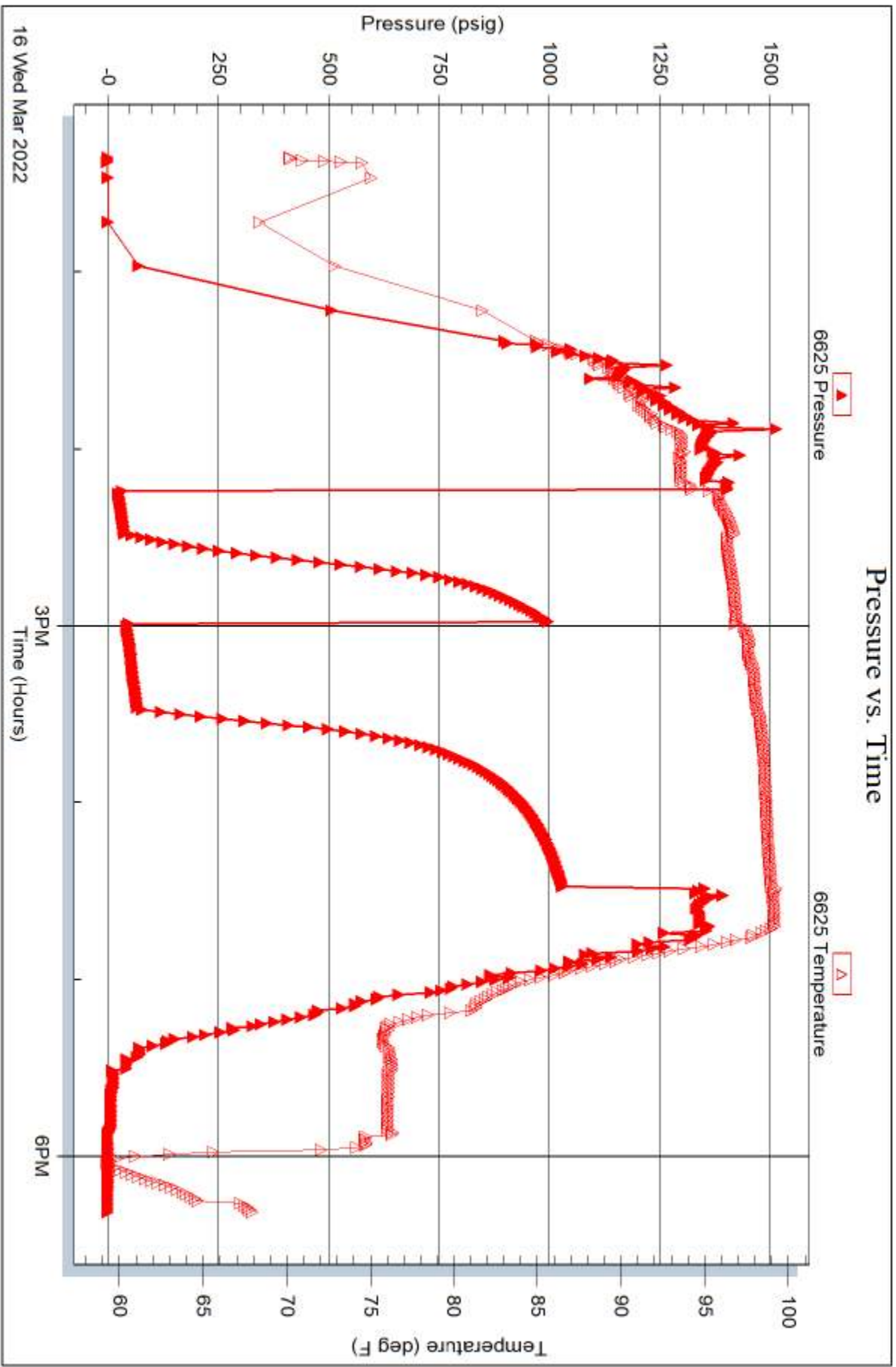
Serial #: 6625

Inside

Berexco LLC

Gore Miller #6

DST Test Number: 1



16 Wed Mar 2022

3PM  
Time (Hours)

6PM



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68348

**DST#: 2**

ATTN: Bryan Bynos

Test Start: 2022.03.17 @ 03:05:00

## GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:15

Time Test Ended: 09:41:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

**Interval: 2920.00 ft (KB) To 3000.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3000.00 ft (KB) (TVD)

1718.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8652 Outside**

Press@RunDepth: 84.33 psig @ 2921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.17

End Date:

2022.03.17

Last Calib.:

2022.03.17

Start Time: 03:05:05

End Time:

09:41:44

Time On Btm:

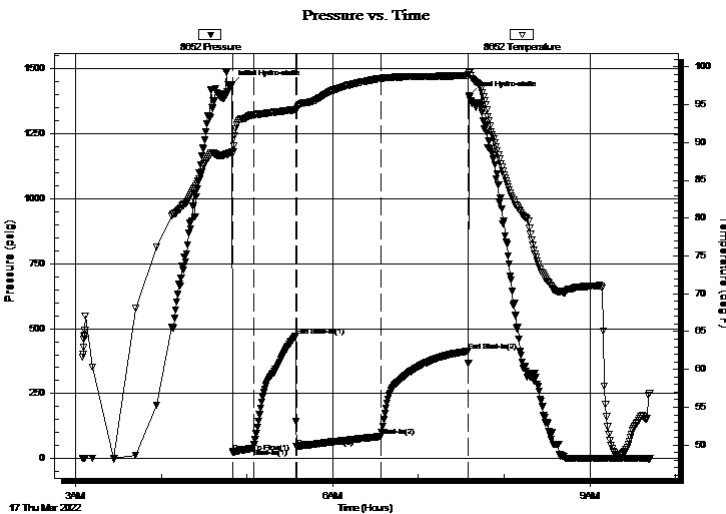
2022.03.17 @ 04:49:15

Time Off Btm:

2022.03.17 @ 07:35:30

**TEST COMMENT:** IF-15- BOB in 4 min. Built to 34"  
SI1-30- No return  
FF-60- BOB in 2 min. Built to 80 3/4"  
SI2-60- Built to 1/4" died to a surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1438.46	88.70	Initial Hydro-static
1	24.56	88.72	Open To Flow (1)
16	40.02	93.65	Shut-In(1)
45	470.87	94.31	End Shut-In(1)
46	44.94	94.38	Open To Flow (2)
105	84.33	98.47	Shut-In(2)
166	413.57	98.88	End Shut-In(2)
167	1397.26	99.26	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	WM 55% mud 45% w ater	0.88
74.00	GOCM 5% gas 2%oil 93%mud	1.04
0.00	688' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
 2020 N Bramblewood  
 Wichita, KS 67206  
 ATTN: Bryan Bynos

**15\_15\_12 Russell, KS**  
**Gore Miller #6**  
 Job Ticket: 68348      **DST#: 2**  
 Test Start: 2022.03.17 @ 03:05:00

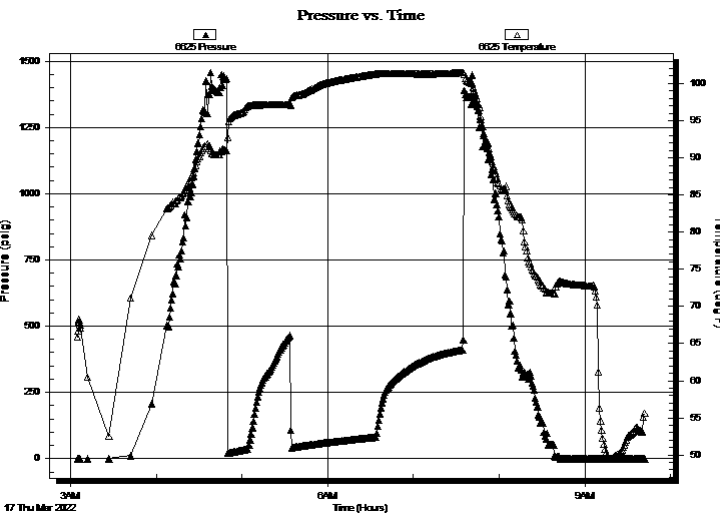
## GENERAL INFORMATION:

Formation: <b>LKC E-G</b>		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:                   ft (KB)		Tester: Dustin Day
Time Tool Opened: 04:50:15		Unit No: 70
Time Test Ended: 09:41:45		
<b>Interval: 2920.00 ft (KB) To 3000.00 ft (KB) (TVD)</b>		Reference Elevations: 1728.00 ft (KB)
Total Depth: 3000.00 ft (KB) (TVD)		1718.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 10.00 ft

**Serial #: 6625      Inside**

Press@RunDepth:                   psig @   2921.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.03.17           End Date: 2022.03.17	Last Calib.: 2022.03.17
Start Time: 03:05:05           End Time: 09:41:44	Time On Btm:
	Time Off Btm:

**TEST COMMENT:** IF-15- BOB in 4 min. Built to 34"  
 SI1-30- No return  
 FF-60- BOB in 2 min. Built to 80 3/4"  
 SI2-60- Built to 1/4" died to a surface blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	WM 55% mud 45% w ater	0.88
74.00	GOCM 5% gas 2%oil 93%mud	1.04
0.00	688' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68348

**DST#: 2**

ATTN: Bryan Bynos

Test Start: 2022.03.17 @ 03:05:00

### Mud and Cushion Information

Mud Type: Polymer	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	20000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	WM 55% mud 45% water	0.884
74.00	GOCM 5% gas 2%oil 93%mud	1.038
0.00	688' GIP	0.000

Total Length: 137.00 ft      Total Volume: 1.922 bbl

Num Fluid Samples: 0

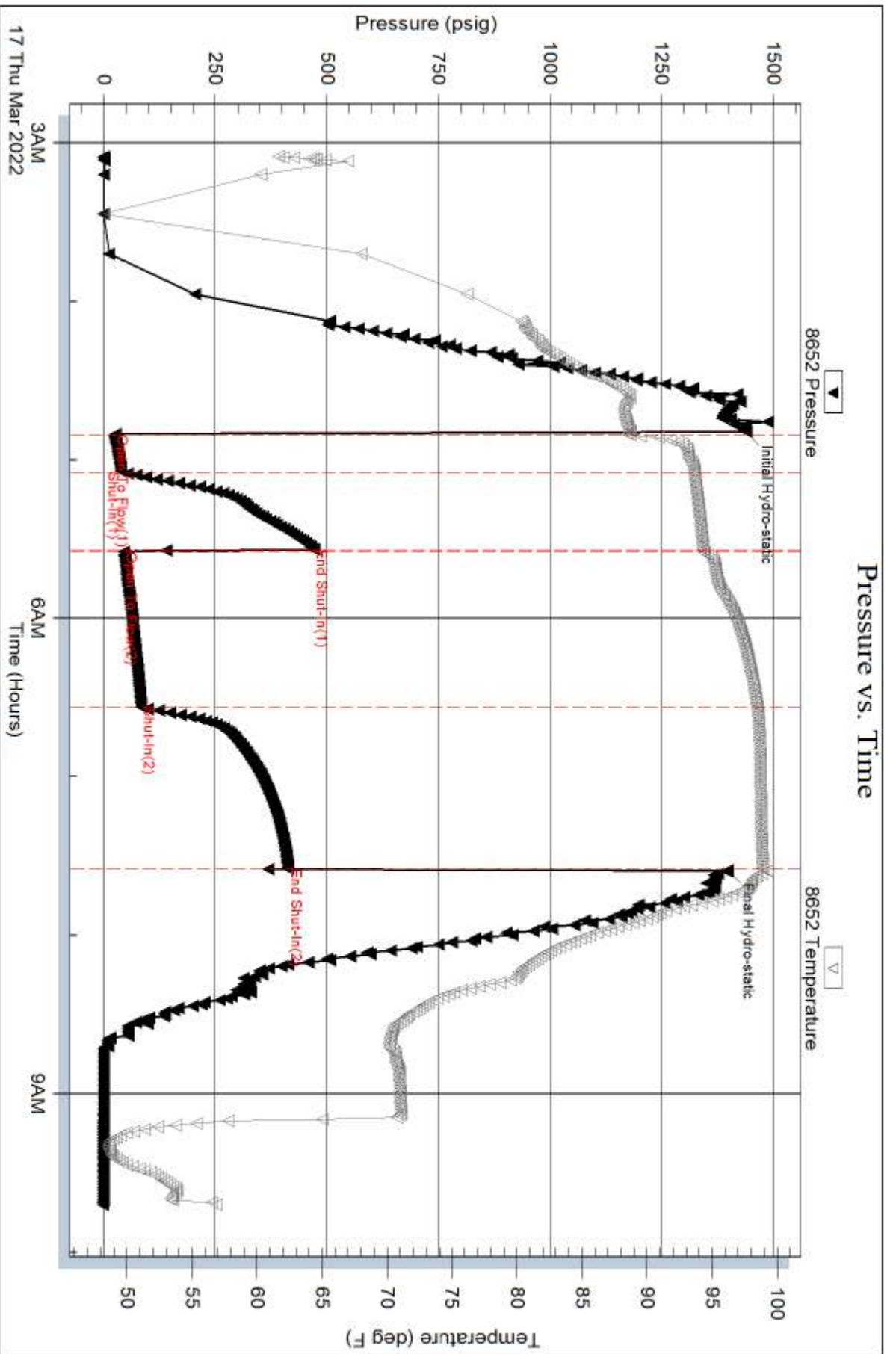
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



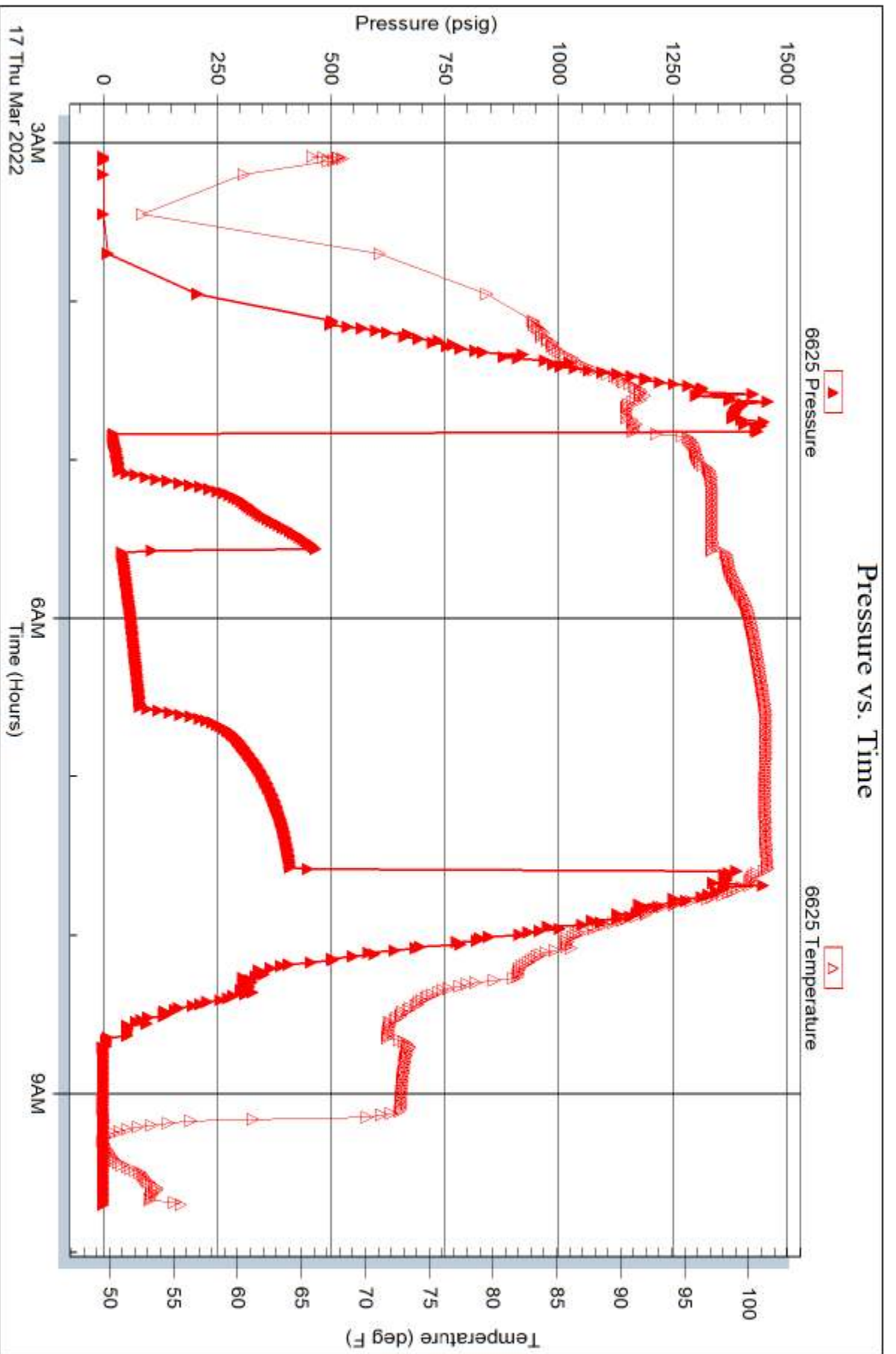
Serial #: 6625

Inside

Berexco LLC

Gore Miller #6

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68348

Printed: 2022.03.17 @ 10:32:24



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68349

**DST#: 3**

ATTN: Bryan Bynos

Test Start: 2022.03.17 @ 18:01:00

## GENERAL INFORMATION:

Formation: **LKC I&J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:23:15

Time Test Ended: 01:23:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

**Interval: 3020.00 ft (KB) To 3080.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3080.00 ft (KB) (TVD)

1718.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

**Serial #: 8652 Outside**

Press@RunDepth: 29.65 psig @ 3021.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.17

End Date:

2022.03.18

Last Calib.:

2022.03.18

Start Time:

18:01:05

End Time:

01:23:14

Time On Btm:

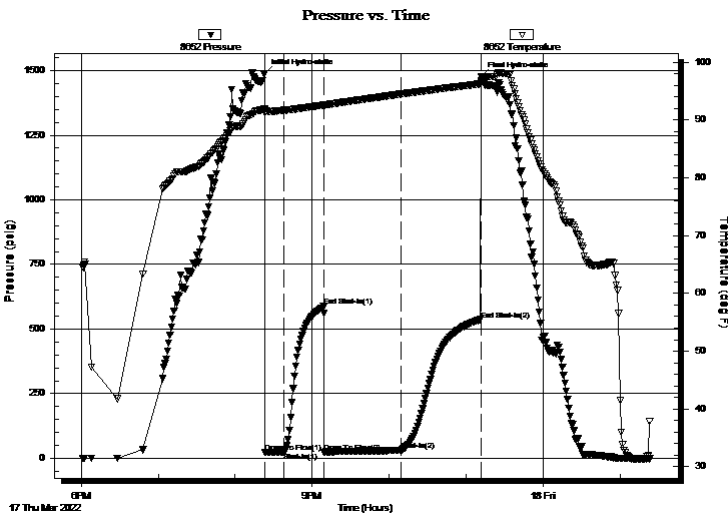
2022.03.17 @ 20:23:00

Time Off Btm:

2022.03.17 @ 23:12:00

**TEST COMMENT:** IF-15- Built to 1/4"  
SI1-30- No return  
FF-60- Weak surface blow  
SI2-60- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1489.37	91.89	Initial Hydro-static
1	21.80	91.16	Open To Flow (1)
16	22.84	91.67	Shut-In(1)
46	587.34	92.59	End Shut-In(1)
47	23.62	92.47	Open To Flow (2)
106	29.65	94.47	Shut-In(2)
169	536.48	96.23	End Shut-In(2)
169	1476.95	96.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%	0.14

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Berexco LLC  
 2020 N Bramblewood  
 Wichita, KS 67206  
 ATTN: Bryan Bynos

15\_15\_12 Russell, KS

Gore Miller #6  
 Job Ticket: 68349 DST#: 3  
 Test Start: 2022.03.17 @ 18:01:00

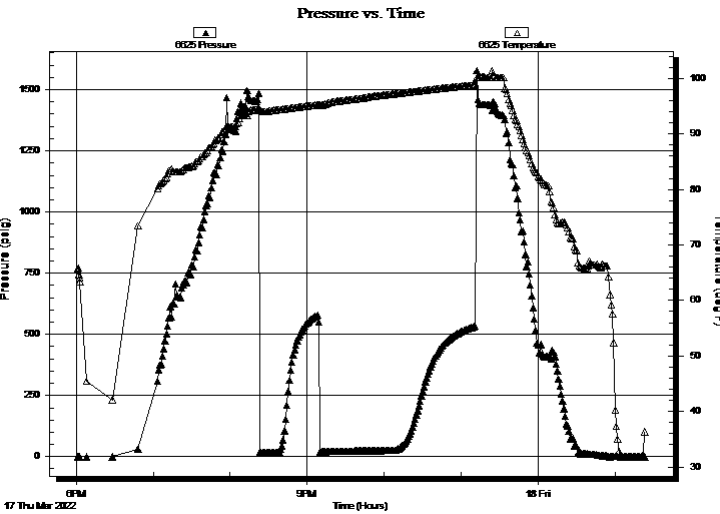
**GENERAL INFORMATION:**

Formation: **LKC I&J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:23:15  
 Time Test Ended: 01:23:15  
 Interval: **3020.00 ft (KB) To 3080.00 ft (KB) (TVD)**  
 Total Depth: 3080.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition:  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Dustin Day  
 Unit No: 70  
 Reference Elevations: 1728.00 ft (KB)  
 1718.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**

Press@RunDepth: psig @ 3021.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.03.17 End Date: 2022.03.18 Last Calib.: 2022.03.18  
 Start Time: 18:01:05 End Time: 01:23:14 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF-15- Built to 1/4"  
 SI1-30- No return  
 FF-60- Weak surface blow  
 SI2-60- No return



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
10.00	mud 100%	0.14

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68349

**DST#: 3**

ATTN: Bryan Bynos

Test Start: 2022.03.17 @ 18:01:00

### Mud and Cushion Information

Mud Type: Polymer	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: 8.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

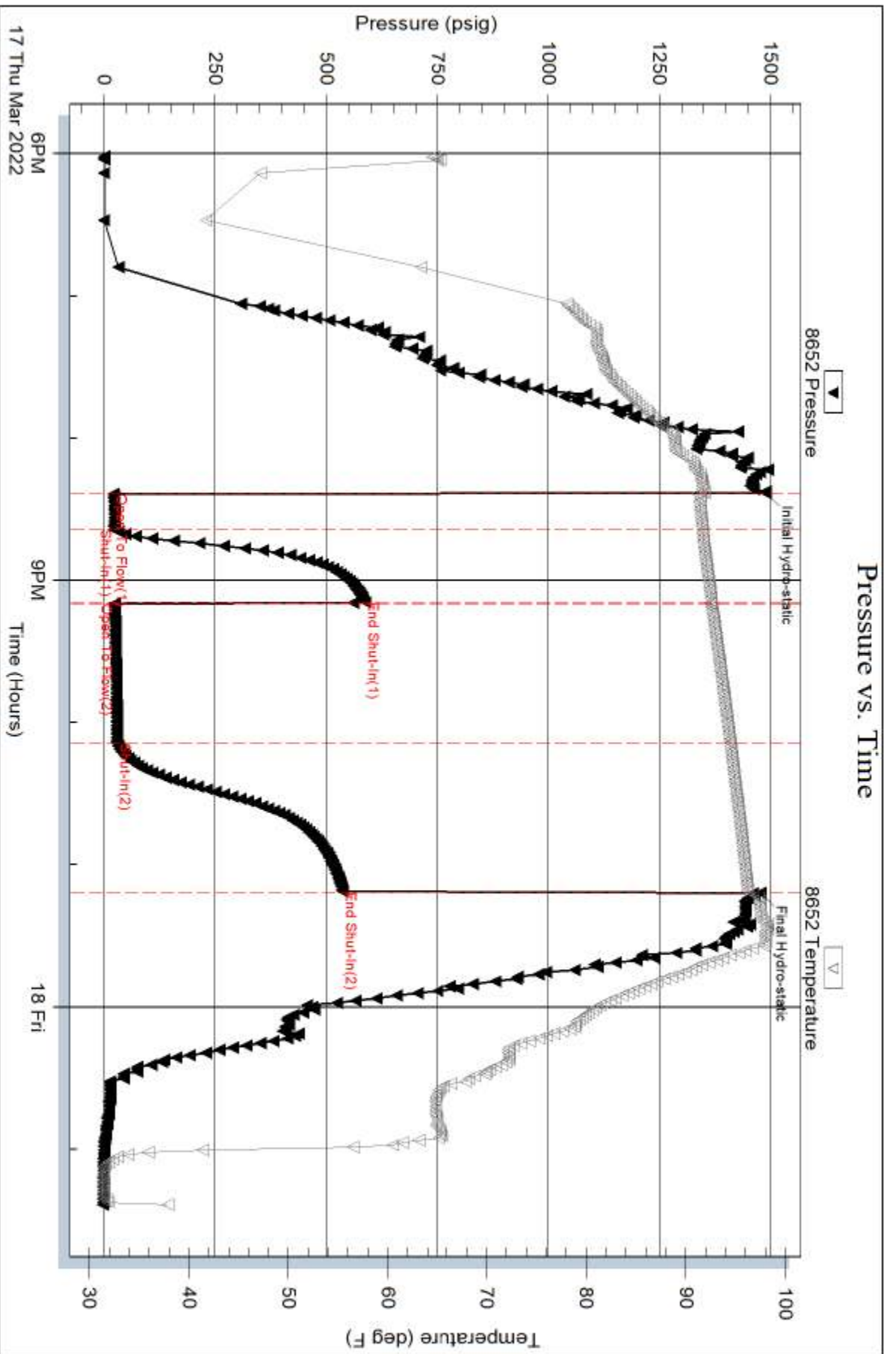
Recovery Comments: 2# LCM

Serial #: 8652

Outside Berexco LLC

Gore Miller #6

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 68349

Printed: 2022.03.18 @ 07:10:09

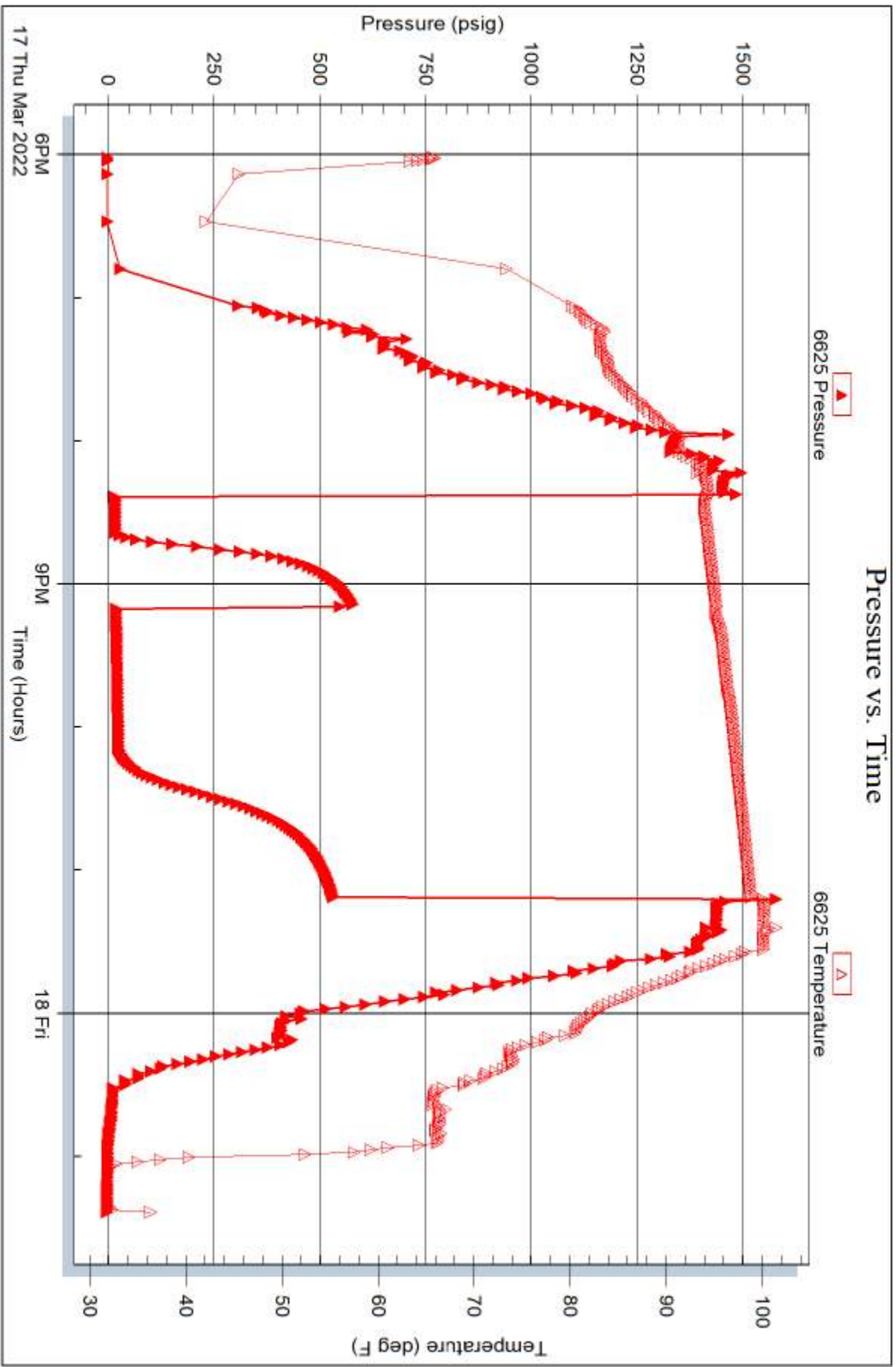
Serial #: 6625

Inside

Berexco LLC

Gore Miller #6

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68349

Printed: 2022.03.18 @ 07:10:09



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68350

**DST#: 4**

ATTN: Bryan Bynog

Test Start: 2022.03.18 @ 14:35:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:58:30

Time Test Ended: 19:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

**Interval: 3098.00 ft (KB) To 3170.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3170.00 ft (KB) (TVD)

1718.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

**Serial #: 8652 Outside**

Press@RunDepth: 26.02 psig @ 3102.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.18

End Date: 2022.03.18

Last Calib.: 2022.03.18

Start Time: 14:35:05

End Time: 19:53:14

Time On Btm: 2022.03.18 @ 15:58:15

Time Off Btm: 2022.03.18 @ 18:14:45

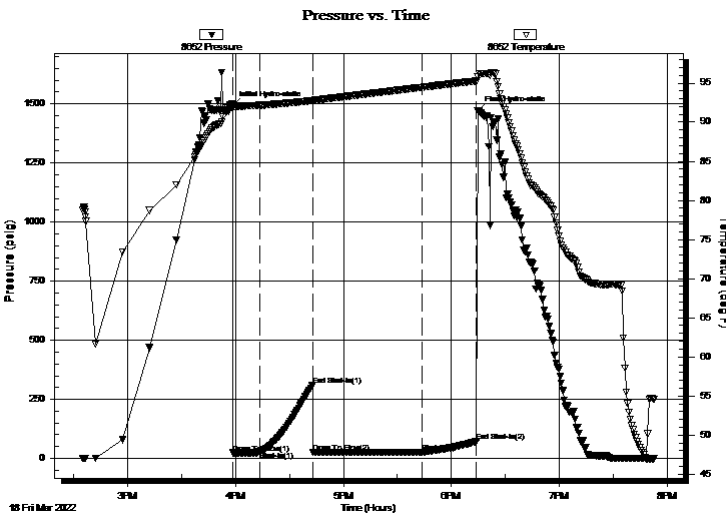
TEST COMMENT: IF-15- Built to 1/2"

SI1-30- No return

FF-60- No blow

SI2-30- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1490.48	92.35	Initial Hydro-static
1	23.37	91.75	Open To Flow (1)
16	28.60	92.16	Shut-In(1)
45	310.93	92.78	End Shut-In(1)
45	24.74	92.71	Open To Flow (2)
106	26.02	94.46	Shut-In(2)
136	72.64	95.28	End Shut-In(2)
137	1472.24	95.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 2% oil 98% mud	0.14

\* Recovery from multiple tests

## Gas Rates

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



TRILOBITE  
TESTING, INC

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N Bramblewood  
Wichita, KS 67206  
ATTN: Bryan Bynog

**15\_15\_12 Russell, KS**  
**Gore Miller #6**  
Job Ticket: 68350 **DST#: 4**  
Test Start: 2022.03.18 @ 14:35:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:58:30

Time Test Ended: 19:53:15

**Interval: 3098.00 ft (KB) To 3170.00 ft (KB) (TVD)**

Total Depth: 3170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Reference Elevations: 1728.00 ft (KB)

1718.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**

Press@RunDepth: psig @ 3102.00 ft (KB)

Start Date: 2022.03.18 End Date: 2022.03.18

Start Time: 14:35:05 End Time: 19:53:14

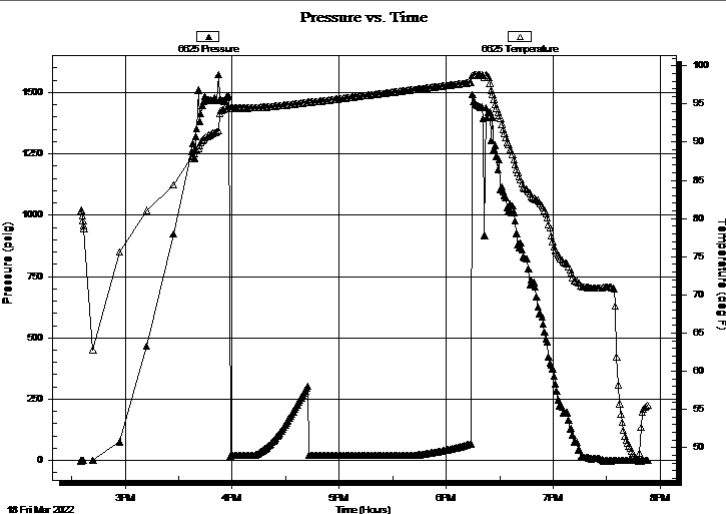
Capacity: 8000.00 psig

Last Calib.: 2022.03.18

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-15- Built to 1/2"  
SI1-30- No return  
FF-60- No blow  
SI2-30- No return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 2% oil 98% mud	0.14

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68350

**DST#: 4**

ATTN: Bryan Bynog

Test Start: 2022.03.18 @ 14:35:00

### Mud and Cushion Information

Mud Type: Polymer	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

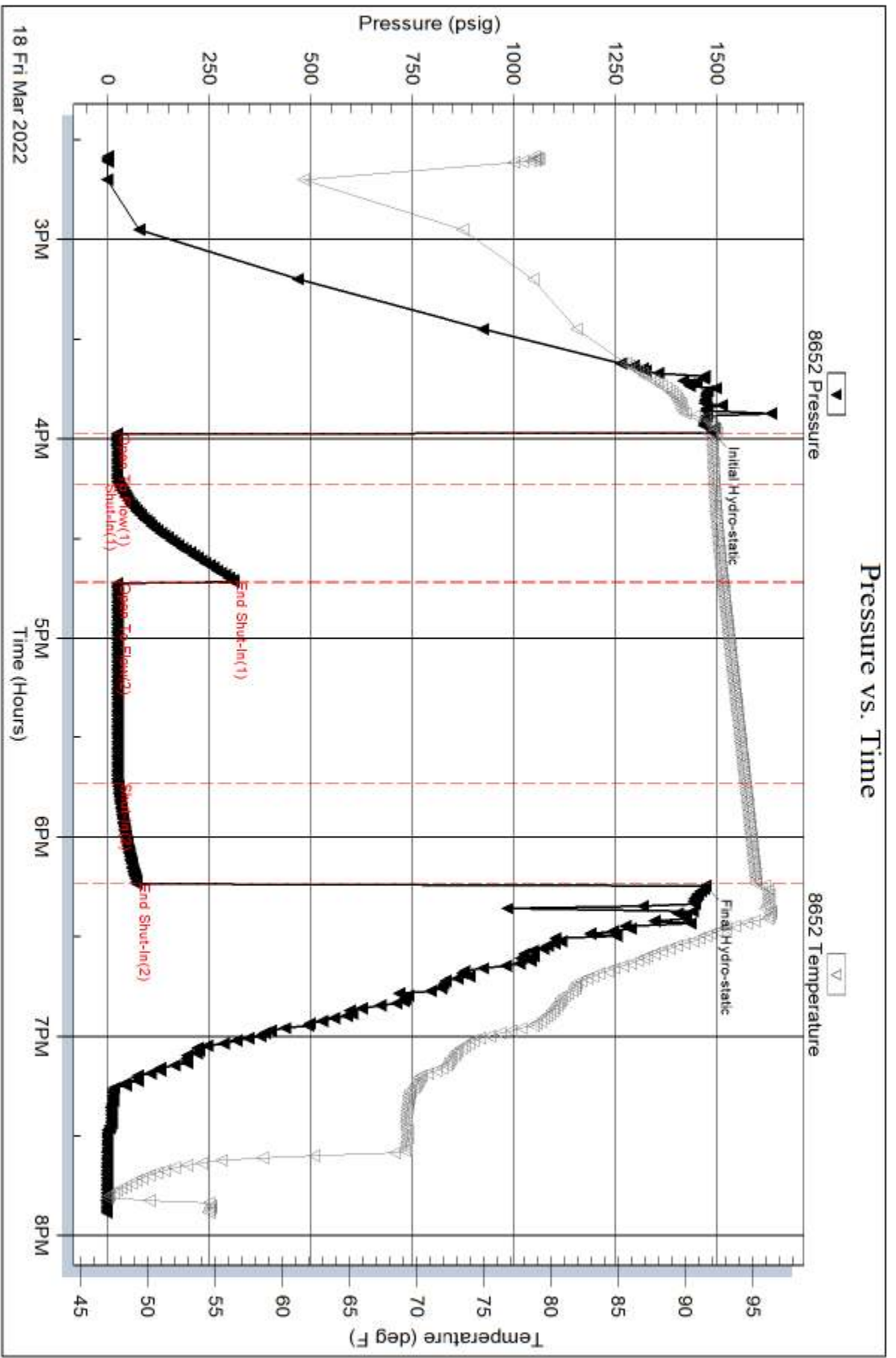
Length ft	Description	Volume bbl
10.00	OCM 2% oil 98% mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: 1 1/2# LCM





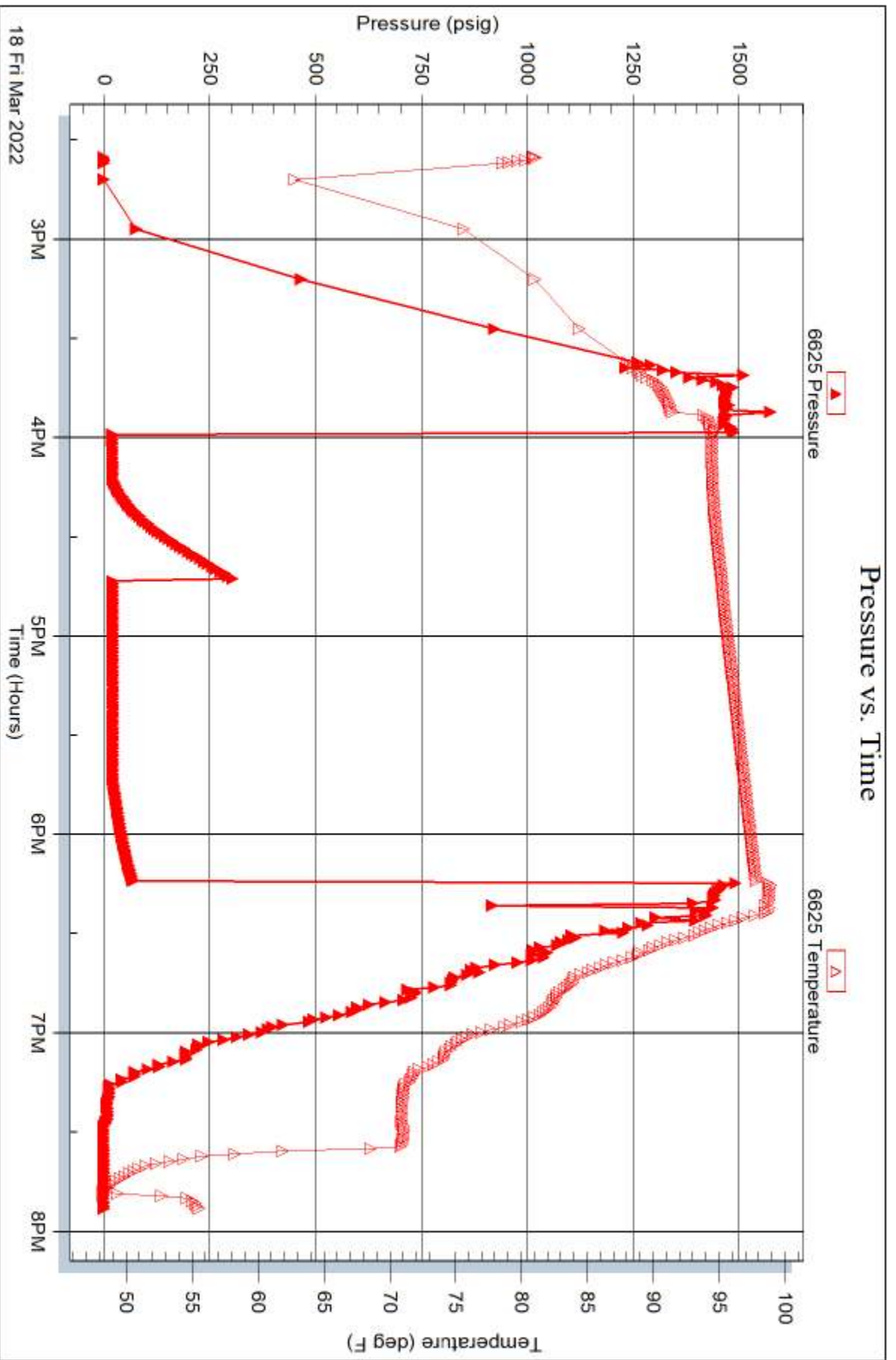
Serial #: 6625

Inside

Berexco LLC

Gore Miller #6

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68350

Printed: 2022.03.18 @ 21:05:28



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68151

**DST#: 5**

ATTN: Bryan Bynos

Test Start: 2022.03.19 @ 06:11:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:08:45

Time Test Ended: 13:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

**Interval: 3144.00 ft (KB) To 3207.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3207.00 ft (KB) (TVD)

1718.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

**Serial #: 8652 Outside**

Press@RunDepth: 68.98 psig @ 3145.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.19

End Date:

2022.03.19

Last Calib.:

2022.03.19

Start Time:

06:11:05

End Time:

13:04:29

Time On Btm:

2022.03.19 @ 08:08:30

Time Off Btm:

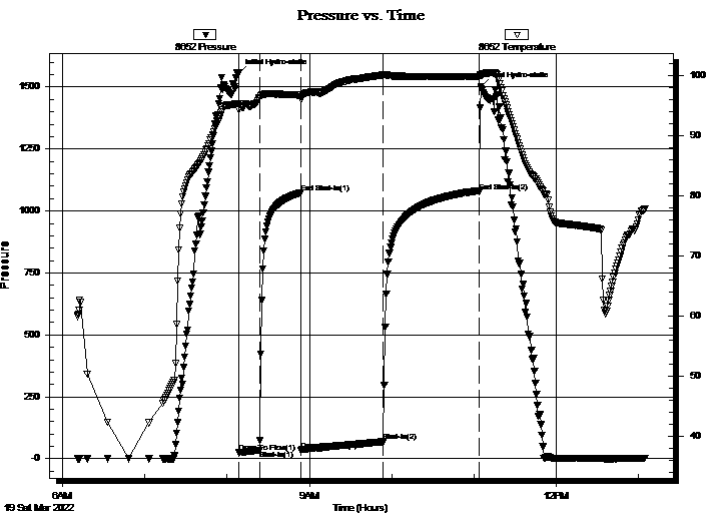
2022.03.19 @ 11:05:15

TEST COMMENT: IF-15- Built to 3 3/4"

SI1-30- No return

FF-60- Built to 8"

SI2-60- No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.98	95.28	Initial Hydro-static
1	24.78	94.27	Open To Flow (1)
15	35.43	96.28	Shut-In(1)
46	1073.57	96.76	End Shut-In(1)
46	35.46	96.05	Open To Flow (2)
106	68.98	100.06	Shut-In(2)
176	1079.54	99.83	End Shut-In(2)
177	1502.83	100.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud w/oil spots 100% mud	0.56
64.00	HWCM 65% mud 35% w ater	0.90

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**15\_15\_12 Russell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Gore Miller #6**

Job Ticket: 68151

**DST#: 5**

ATTN: Bryan Bynos

Test Start: 2022.03.19 @ 06:11:00

### Mud and Cushion Information

Mud Type: Polymer	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	mud w /oil spots 100% mud	0.561
64.00	HWCM 65% mud 35% w ater	0.898

Total Length: 104.00 ft      Total Volume: 1.459 bbl

Num Fluid Samples: 0

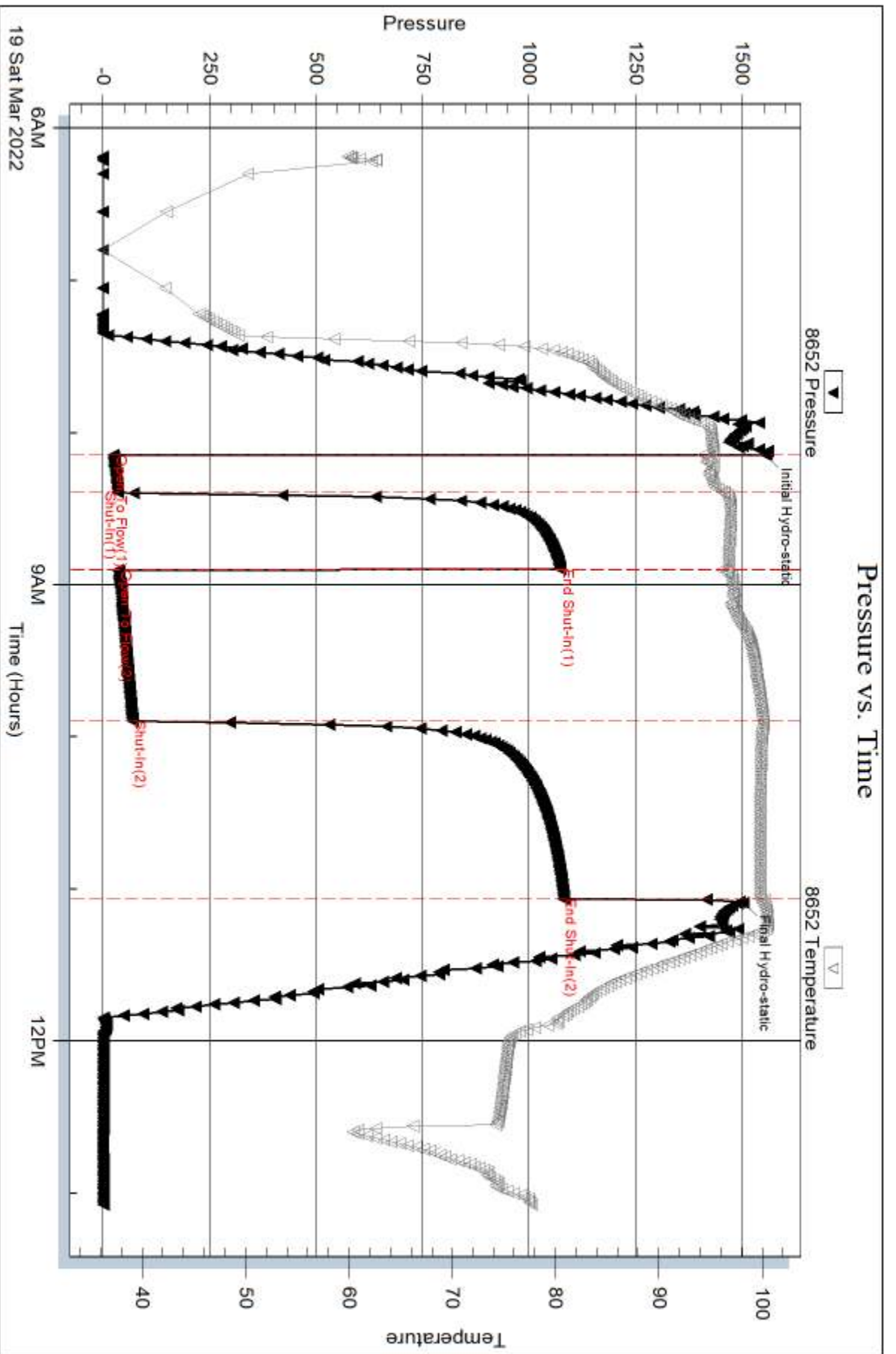
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1 1/2# LCM



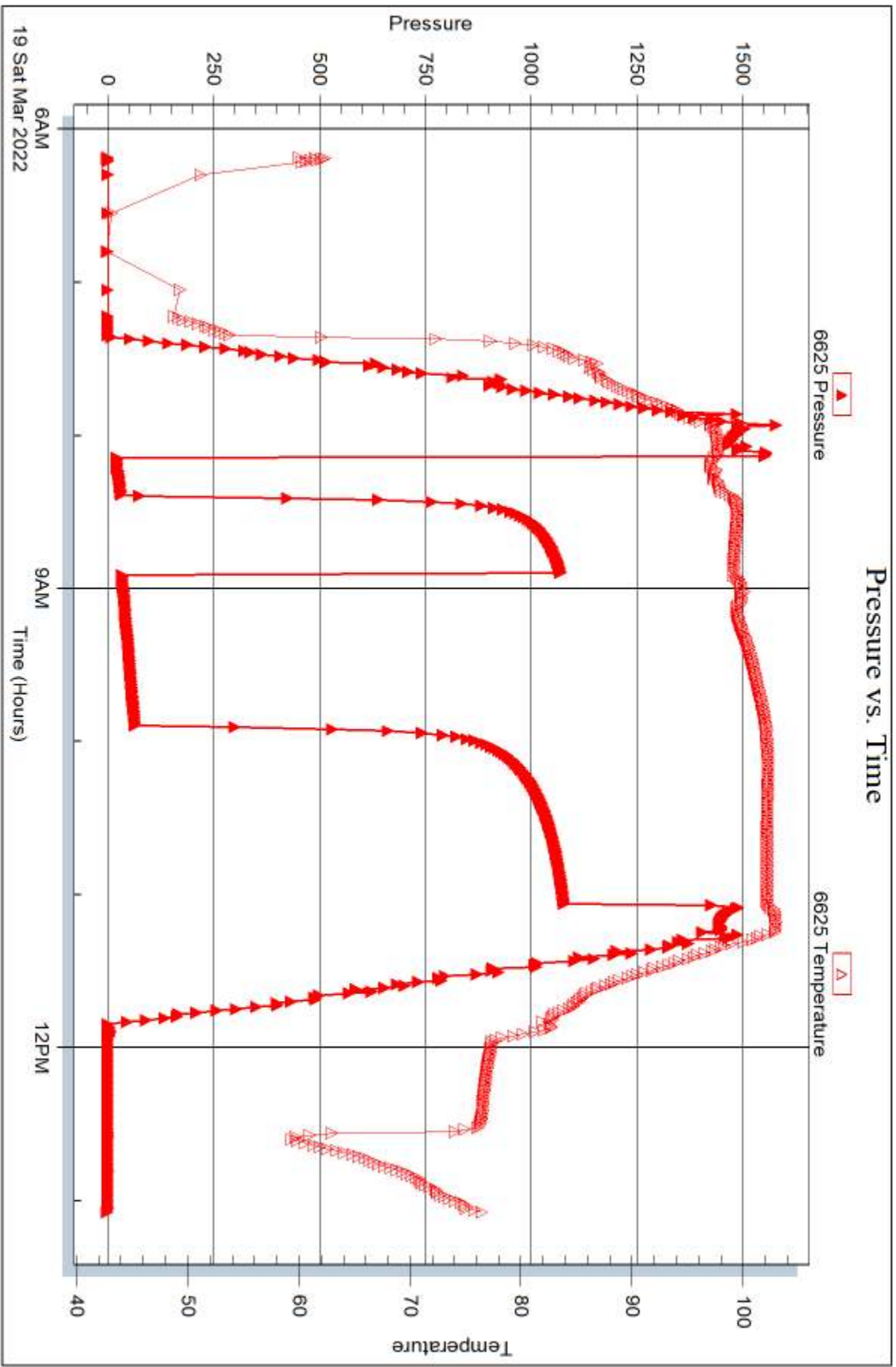
Serial #: 6625

Inside

Berexco LLC

Gore Miller #6

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68151

Printed: 2022.03.19 @ 14:50:20

# LITHOLOGY STRIP LOG

## WellSight Systems

Scale 1:240 (5"=100') Imperial

Measured Depth Log

Well Name: GORE MILLER #6

Well Id:

Location: W2 NENENE SECTION 15 T15S-R12W RUSSELL COUNTY, KANSAS

License Number: 15-167-24118

Region: MID-CONTINENT

Spud Date: 3-9-2022

Drilling Completed: 3-20-2022

Surface Coordinates: 440' FNL & 560' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 1718

K.B. Elevation (ft): 1728

Logged Interval (ft): 2400 To: 3260

Total Depth (ft): 3260

Formation: LKC & ARBUCKLE

Type of Drilling Fluid: WBM

Printed by WellSight LogViewer from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: BEREXCO, LLC.

Address: 2020 N. Bramblewood  
Wichita, Kansas 67206

### GEOLOGIST

Name: William B. Bynog

Company:

Address: P.O.Box 687  
Pinecliffe, Co. 80471

### Surveys

DEPTH

ANGLE

FORMATION TOPS

### DSTs

DST#1 2826-2916', DST#2 2920-3000', DST#3 3020-3080', DST#4 3098-3170', DST#5 3144-3207'

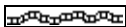
### Remarks

DRY HOLE, PLUG & ABANDON

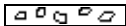
### ROCK TYPES



Anhy



Bent



Brec



Cht



Clyst



Coal



Congl



Dol



Gyp



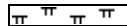
Igne



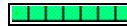
Lmst



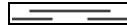
Meta



Mrlst



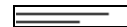
Salt



Shale



Shcol



Shgy



Sltst



Ss



Till

### ACCESSORIES

#### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl

- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

#### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

#### STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

#### TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

### OTHER SYMBOLS

#### POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

#### SORTING

- Well
- Moderate
- Poor

#### ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

#### OIL SHOW

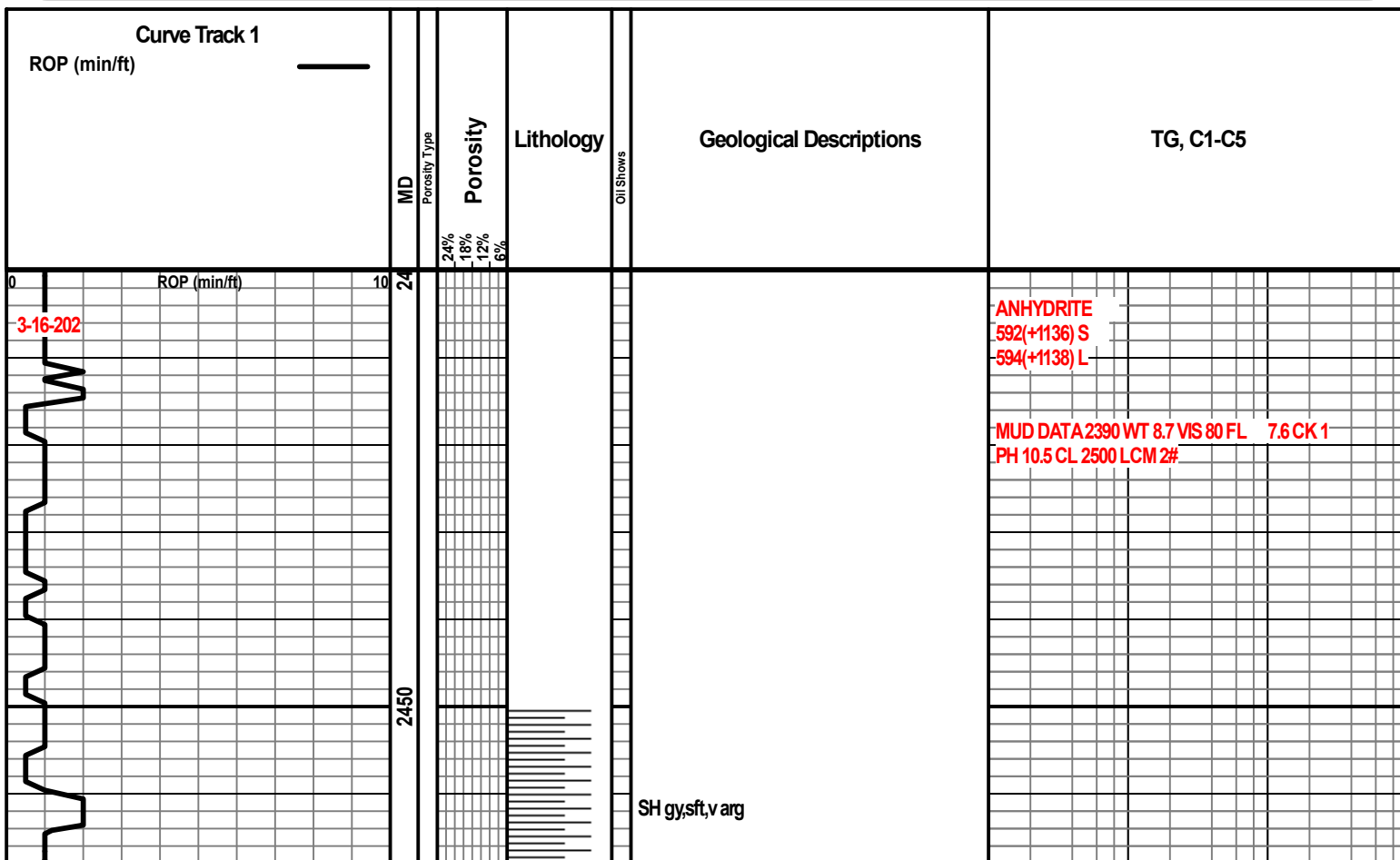
- Even
- Spotted
- Ques
- Dead

#### INTERVAL

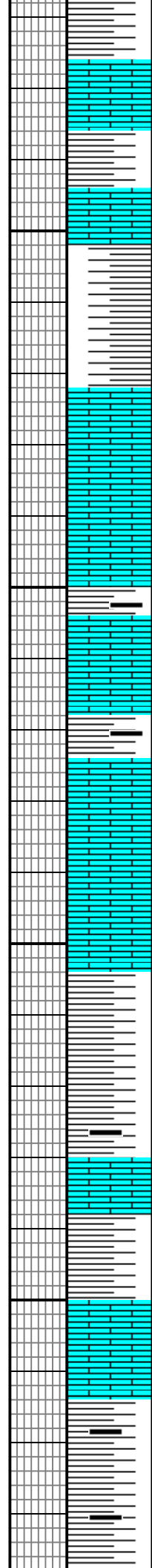
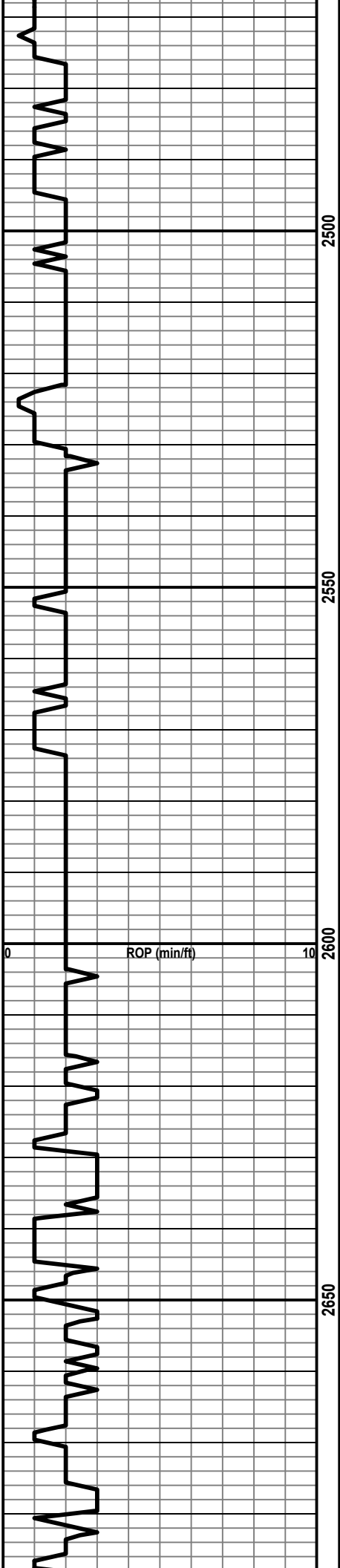
- Dst
- Dst mis-run

#### EVENT

- Rft
- Sidewall







SH aa with thin LS cm,frm,v dirty,p por,ns

LS cm,frm,chkyp ip,p vis por,arg,ns

LS cm,v hd,dns,blk,yv fnly xln, p por,ns with thin SH aa some blk,carb

LS cm,sl hd,v fnly xln,arg,p por,ns

SH gy,frm,arg,some blk,carb

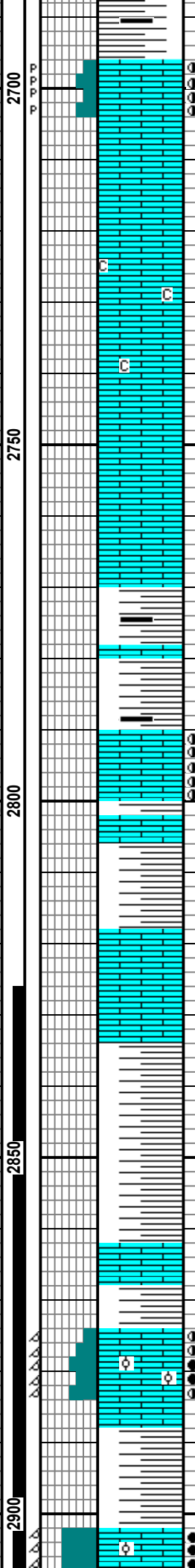
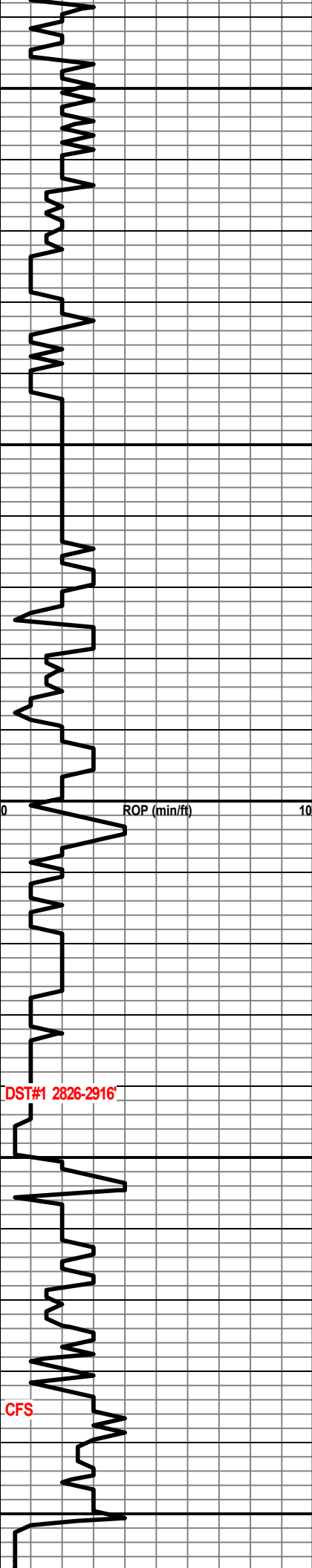
LS pale bm,v hd,dns,crptoxln,ns

SH a

LS cm,hd,blk,ydns,ns

SH gy,gn,frm,arg,some blk,carb

35' TOPEKA  
2522(-794) S  
2527(-799) L



LS cm,frm,chkyp ip,rare p por,tr bm stn,gd odor

LS cm,v hd,blk,y,dns,abnt chkyp ip,ns

LS cm,v hd,v blk,y,crptoxin,ns

SH gy,blue gn,v sft,v arg, abnt blk,carb with thin LS bm,v hd,v dns

LS wh,v hd,dns,blk,y,fnly xin,p por,v spty live bm stn,gd cut, nofo

SH gn,red,sft,v arg

LS wh-cm,hd,blk,y,dns,p por,ns

SH blue gn,red,sft,with thin LS aa

LS cm,hd,blk,y,dns,p por,ns

SH aa

LS wh-cm,frm,oolitic,p-fr oomoldic por,spty live bm stn,gd cut & odor

LS cm,hd,dns,ns

SH aa

LS wh-cm,frm,v oolitic,gd oomoldic

**PLATTSMOUTH**  
2723(-995) S  
2726(-998) L

**HEEBNER**  
2770(-1042) S  
2770(-1042) L

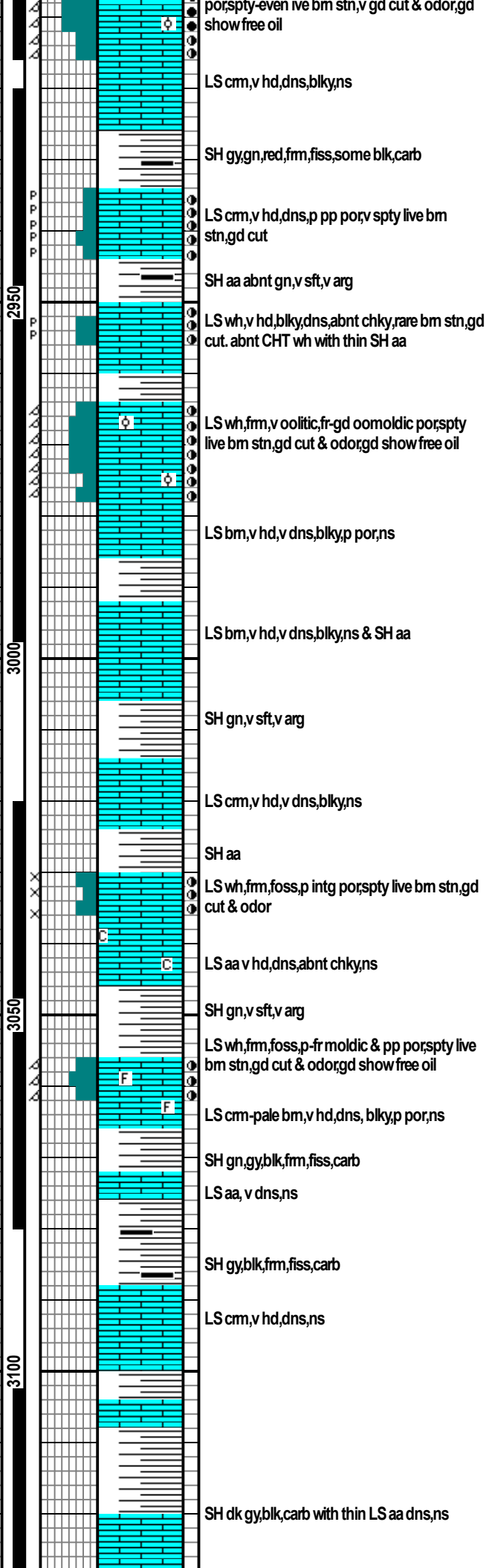
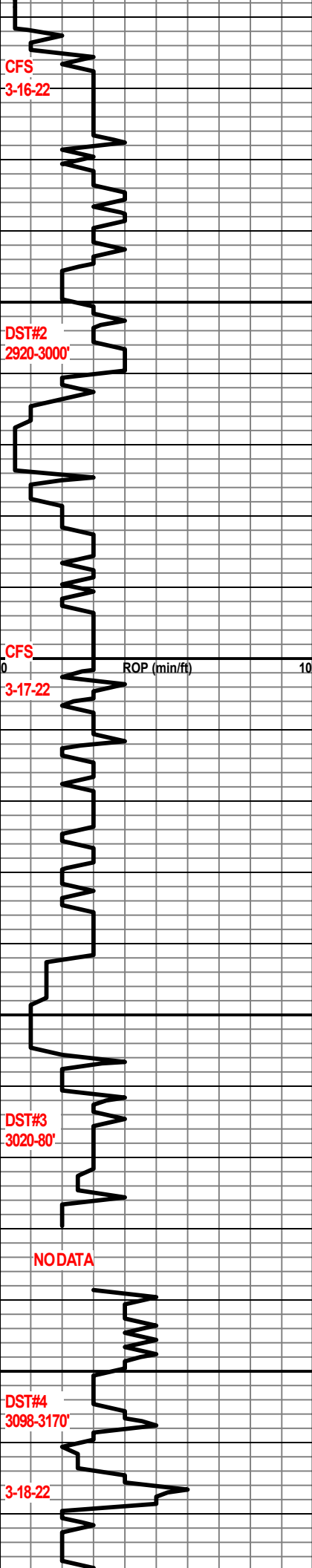
**TORONTO**  
2790(-1064) S  
2788(-1062) L

**A ZONE**  
2862(-1134) S  
2859(-1131) L

**B ZONE**  
2874(-1146) S  
2874(-1146) L

**MUD DATA 2916' WT 9.0 VIS 65 FL  
8 CK 1 PH 9.0 CL 4000 LCM 2#**

**C ZONE**  
2901(-1173) S  
2896(-1169) L



por, spty even live bm stn, v gd cut & odor, gd show free oil

LS cm, v hd, dns, blk, ns

SH gy, gn, red, fm, fiss, some blk, carb

LS cm, v hd, dns, p pp por, v spty live bm stn, gd cut

SH aa abnt gn, v sft, v arg

LS wh, v hd, blk, dns, abnt chky, rare bm stn, gd cut. abnt CHT wh with thin SH aa

LS wh, fm, v oolitic, fr-gd oomoldic por, spty live bm stn, gd cut & odor, gd show free oil

LS bm, v hd, v dns, blk, p por, ns

LS bm, v hd, v dns, blk, ns & SH aa

SH gn, v sft, v arg

LS cm, v hd, v dns, blk, ns

SH aa

LS wh, fm, foss, p intg por, spty live bm stn, gd cut & odor

LS aa v hd, dns, abnt chky, ns

SH gn, v sft, v arg

LS wh, fm, foss, p-fr moldic & pp por, spty live bm stn, gd cut & odor, gd show free oil

LS cm-pale bm, v hd, dns, blk, p por, ns

SH gn, gy, blk, fm, fiss, carb

LS aa, v dns, ns

SH gy, blk, fm, fiss, carb

LS cm, v hd, dns, ns

SH dk gy, blk, carb with thin LS aa dns, ns

PIPE STRAP 3.93' LONG

DST#1 2826-2916' LANSING B & C ZONES, TIMES 15-30-60-30 min. IH 1403 IF 28-41 (bob 1.5 m) ISI 1001 FF 58-71 (bob in sec.) FSI 1034 (.25" blw in last 10-min) FH 1365 REC: 2238' GIP & 112' OSM

G ZONE 2964(-1236) S 2961(-1233) L

DST#2 2920-3000' E, F & G ZONES TIMES 15-30-60-60 mn. IH 1438 IF 25-40 (bob in 2 min) ISI 471 FF 45-84 (bob IN 4 min) FSI 414 FH 1397 REC: 688' GIP, 74' GOCM & 63' WM

MUD DATA 3000' WT 9.1 VIS 58 FL 8.4 PH 9.5 CK 1 CL 4000 LCM 2#

I ZONE 3030(-1302) S 3026(-1298) L

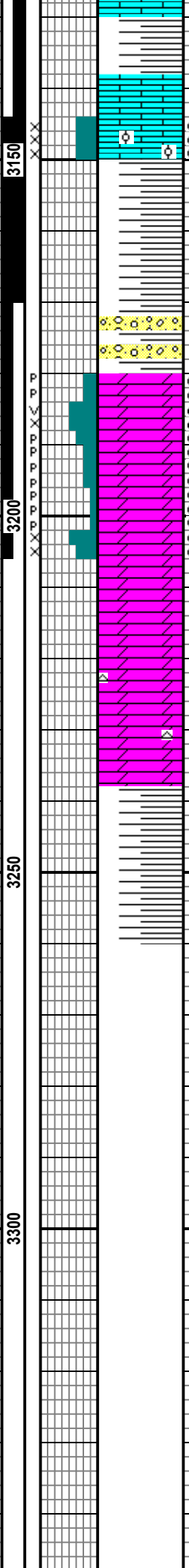
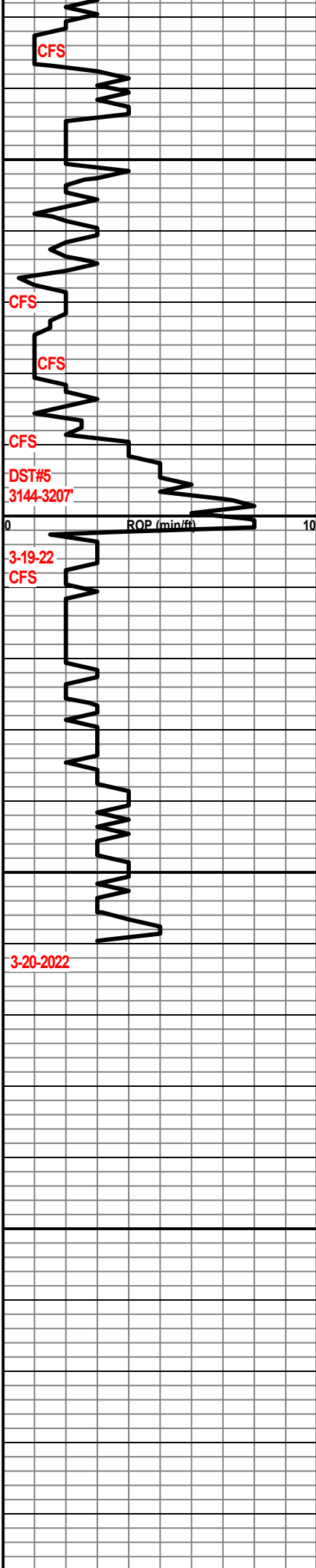
J ZONE 3056(-1328) S 3056(-1328) L

DST#3 3020-3080' I & J ZONES TIMES: 15-30-60-60 min. IH 1489 IF 22-23 (.25" blw) ISI 587 FF 24-30 (wk blw) FSI 536 FH 1477 REC: 10' MUD

K ZONE 3088(-1360) S 3084(-1356) L

DST#4 3098-3170' MARMATON TIMES: 15-30-60-60 min. IH 1490 IF 23-29 (.5" blw) ISI 311 FF 25-26 (nb) FSI 73 FH 1477 REC: 10' OCM (2% OIL)

MUD DATA 3118' WT 9.1 VIS 40 FL 10.2 CK 1 PH 9.5 CL 4000 LCM 1.5#



LS cm,hd,dns aa

GRAINSTONE wh,fm,oolitic, p-fr intg por,spty live bm stn,gd cut

SH red,v sft,v arg

CONG abnt SH aa,abnt CHT red,yell,wh some LS wh,dns,ns

DOL buff,frm-hd,microxln-microsuc tex,p-fr intxn & pp vuggy por,spty-even live bm stn,v gd cut & odor

DOL cm.v hd,dns,blk,p pp por,rare bm stn,gd cut & odor

DOL cm,fm,microsuc tex,fr xln por,spty live bm stn, gd cut & odor

DOL wh-cm,microsuc,p-fr por,ns

DOL wh,v hd,dns,p por,some CHT wh

SH red,gn,yell frm,fiss

RTD 3260'  
LTD 3259'

MARMATON ZONE  
3138(-1410) S  
3136(-1408) L

ARBUCKLE  
3181(-1453) S  
3183(-1455) L

DST#5 3144-3207' ARBUCKLE TIMES:  
15-30-60-60 min.  
IH 1554 IF 25-35 (3.75" bw) ISI 1074  
FF 35-69 (8" blw) FSI 1080 FH 1503  
REC: 40' OSM & 64' WCM

MUD DATA 3207' WT 9.2 VIS 58 FL  
8.2 CK 1 PH 9.5 CL 5000 LCM 1.5#

CFS

CFS

CFS

CFS

CFS

3-19-22  
CFS

3-20-2022

3150

3200

3250

3300

