

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	ROBB 4
Doc ID	1790763

All Electric Logs Run

Induction
Microlog
Guard log
Porosity

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	ROBB 4
Doc ID	1790763

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	404	Common	350	2% gel, 3% CC
Production	7.875	5.5	15.5	4329	60/40 lite (Lead), Common (Tail)	350	8% gel, 1/4# floseal (Lead), 2% gel, 10% salt, 5# gilsonite (Tail)
Production	7.875	5.5	15.5	1992	60/40 lite	425	8% gel, 1/4# floseal

TV

TICKET NUMBER 1246
LOCATION Maxie
FOREMAN Tom Williams

CEMENT

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 7/8"</u>	HOLE DEPTH <u>405'</u>	CASING SIZE & WEIGHT <u>8 5/8"</u>
CASING DEPTH <u>404'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety meeting + set up on Southwind #80 Ciomph. mud.
Mix 350 st surface blend + displace 24 Bbl + shut in 5:45 am.

Le ment did circulate

Thank you
Tom & Josh

AUTHORIZATION _____ TITLE _____ DATE _____

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

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
♦ Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 1266
LOCATION Moire KS
FOREMAN Reston

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-24		<u>Bobo #4</u>	<u>6</u>	<u>15S</u>	<u>2940</u>	<u>Carroll</u>
CUSTOMER <u>Boreco, LLC</u>						
MAILING ADDRESS						
CITY	STATE	ZIP CODE				

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>103</u>	<u>Chris K</u>		
<u>201</u>	<u>Yule T</u>		
<u>203</u>	<u>Conner D</u>		
<u>301</u>	<u>Reston</u>		

JOB TYPE 2 stage HOLE SIZE 7 7/8" HOLE DEPTH 4333' CASING SIZE & WEIGHT 5 1/2" 15.5"
CASING DEPTH 4329' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13 1/4" / 14.8" SLURRY VOL 17 / 1.43 WATER gal/sk _____ CEMENT LEFT in CASING 39.13'
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up on Southwind 8. Run 5 1/2" casing. Rig up to circ.
Thin mud. Mix 125 sacks 40/40 8 1/2 gel 1/4" flo-sel at 13.00. Tal in w/
200 sacks common 10% salt 2 1/2 gel 5 1/2 gilsante. Wash up lines. Displace plug.
1300' lift pressure. Land plug w/ 2000' - held. Release - held. Open D.W. tool.
Circulate hole. Plug rethole w/ 30 sacks. move hole w/ 20 sacks. mix 425 sacks
down hole. Wash up lines. Displace plug - 700' lift pressure. Land plug w/ 1800'.
held. Release - held.

Thank you!

[Signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P004	1	PUMP CHARGE	\$2500.00	\$2500.00
M001	50	MILEAGE	\$6.50	\$325.00
M002	38.54 tons	Ten mileage. Delivery	\$2890.50	\$2890.50
CB082	200 sacks	Class A/10% salt/5 1/2 gel/2 1/2 gel	\$27.00	\$5400.00
CB021	400 sacks	40/40 8 1/2 gel 1/4" flo-sel	\$17.95	\$10,710.00
FG033	1	5 1/2" AFU Guide shoe	\$600.00	\$600.00
FG032	1	5 1/2" flex bench down plug + ass.	\$695.00	\$695.00
FG014	13	5 1/2" turbolizers	\$108.00	\$1404.00
FG022	2	5 1/2" basket	\$385.00	\$770.00
FE102	2	5 1/2" limit clamp	\$35.00	\$70.00
FG039	1	5 1/2" D.W. Tool	\$4200.00	\$4200.00
		sub total		\$29,724.50
		less 5% disc		\$1486.22
		sub total		\$28,238.28
		SALES TAX		1938.73
		ESTIMATED TOTAL		30177.01

AUTHORIZATION Mark Zett TITLE _____ DATE _____

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71236

DST#: 1

ATTN: Larry Friend

Test Start: 2024.06.26 @ 04:17:00

GENERAL INFORMATION:

Formation: **Kansas City K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:15:17

Time Test Ended: 11:38:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 75

Interval: **3882.00 ft (KB) To 3914.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 3914.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: **8875** Outside

Press@RunDepth: 25.88 psig @ 3883.00 ft (KB)

Capacity: psig

Start Date: 2024.06.26

End Date:

2024.06.26

Last Calib.:

2024.06.26

Start Time: 04:17:01

End Time:

11:38:07

Time On Btm:

2024.06.26 @ 07:15:02

Time Off Btm:

2024.06.26 @ 09:27:52

TEST COMMENT: 30-IF-Surface to 0.75

30-ISI-No Return

30-FF-No Blow

30-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1951.59	115.44	Initial Hydro-static
1	17.77	115.10	Open To Flow (1)
33	23.66	116.91	Shut-In(1)
68	139.40	117.98	End Shut-In(1)
68	24.79	118.06	Open To Flow (2)
103	25.88	119.22	Shut-In(2)
133	70.89	119.94	End Shut-In(2)
133	1922.20	120.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Oil Spotted Mud 100%M	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71236

DST#: 1

ATTN: Larry Friend

Test Start: 2024.06.26 @ 04:17:00

GENERAL INFORMATION:

Formation: **Kansas City K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:15:17

Time Test Ended: 11:38:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 75

Interval: 3882.00 ft (KB) To 3914.00 ft (KB) (TVD)

Reference Elevations: 2586.00 ft (KB)

Total Depth: 3914.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6838 Inside

Press@RunDepth: psig @ 3883.00 ft (KB)

Capacity: psig

Start Date: 2024.06.26

End Date:

2024.06.26

Last Calib.:

2024.06.26

Start Time: 04:17:01

End Time:

11:38:07

Time On Btm:

Time Off Btm:

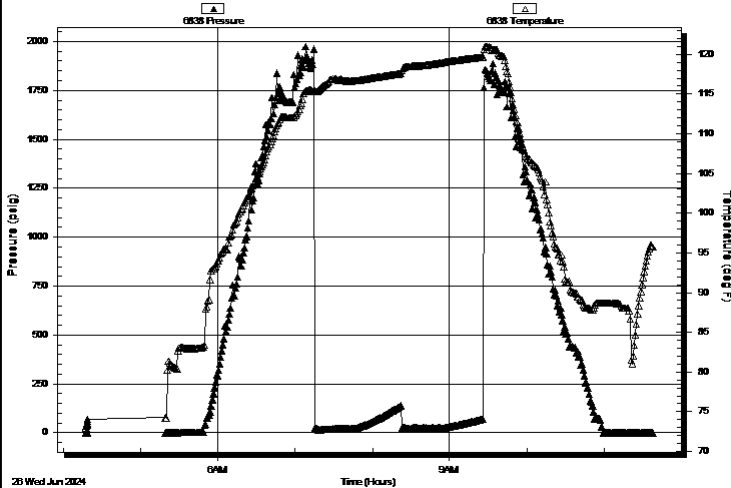
TEST COMMENT: 30-IF-Surface to 0.75

30-ISI-No Return

30-FF-No Blow

30-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
25.00	Oil Spotted Mud 100%M	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71236

DST#: 1

ATTN: Larry Friend

Test Start: 2024.06.26 @ 04:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 4100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Oil Spotted Mud 100%M	0.354

Total Length: 25.00 ft

Total Volume: 0.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

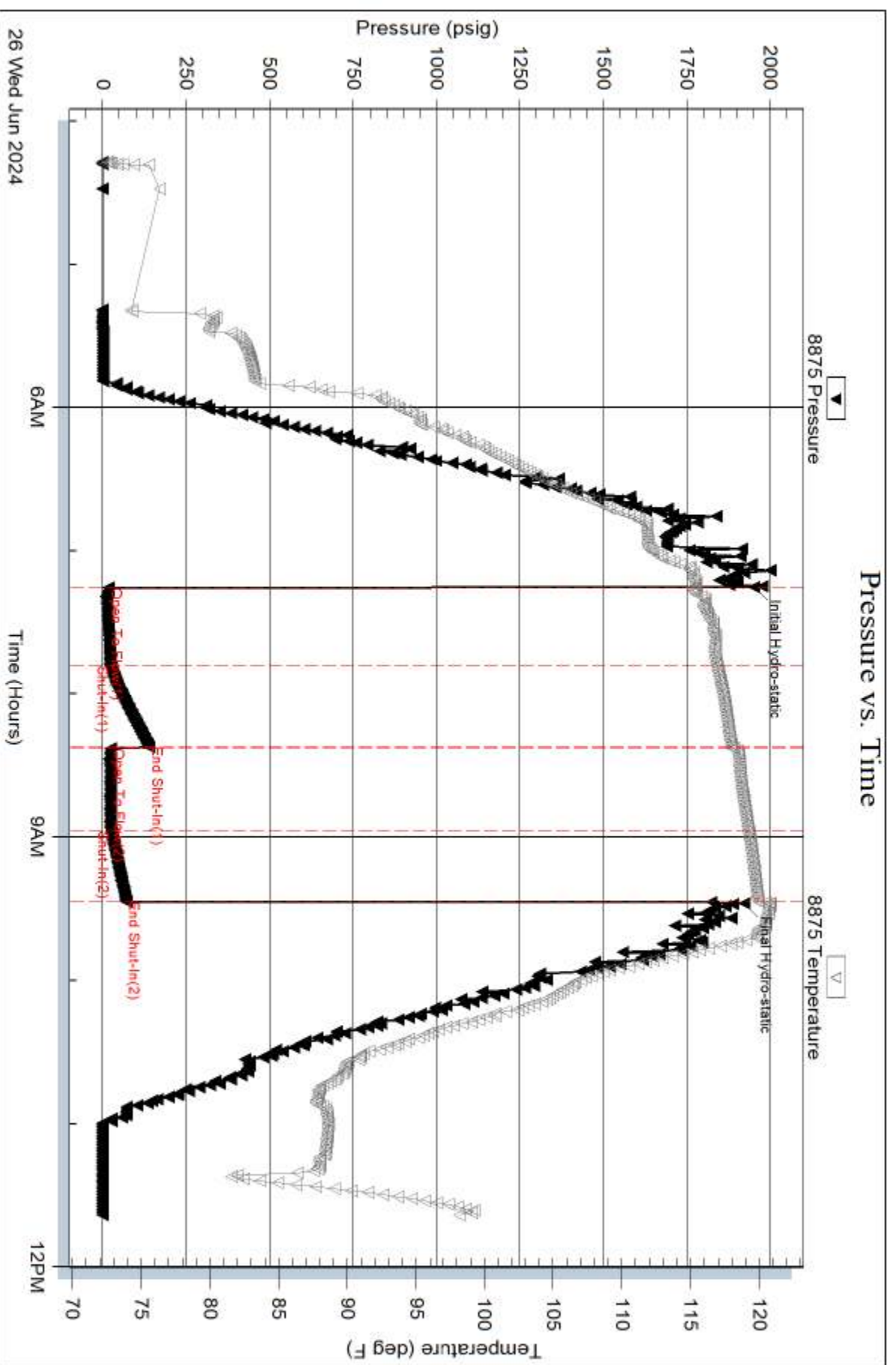
Recovery Comments: TrLCM

Serial #: 8875

Outside Berexco LLC

Robb #4

DST Test Number: 1



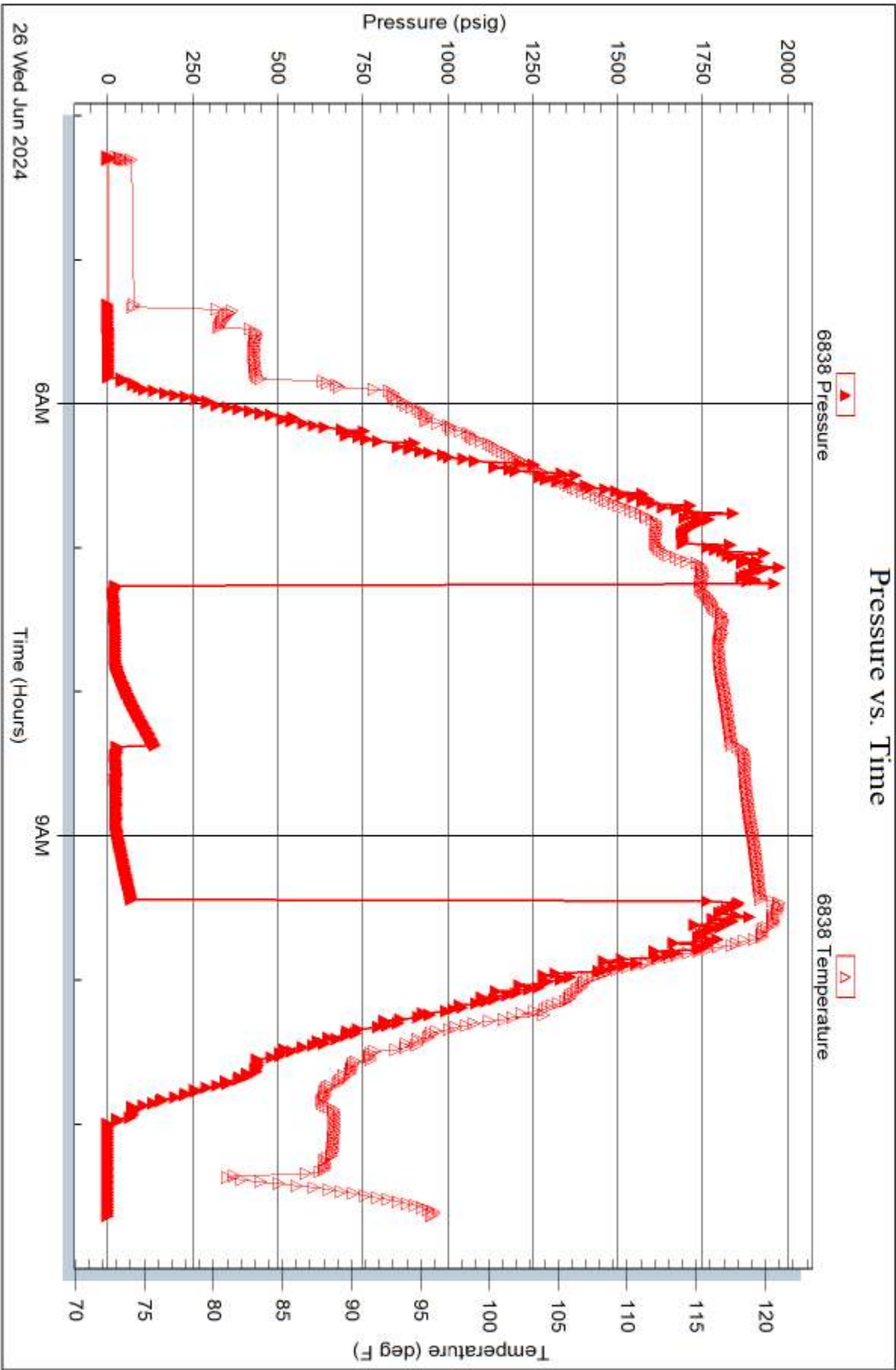
Serial #: 6838

Inside

Berexco LLC

Robb #4

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71237

DST#: 2

ATTN: Larry Friend

Test Start: 2024.06.27 @ 20:46:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:44:07

Time Test Ended: 04:49:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 75

Interval: **4058.00 ft (KB) To 4093.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4093.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: **8875** Outside

Press@RunDepth: 37.69 psig @ 4059.00 ft (KB)

Capacity: psig

Start Date: 2024.06.27

End Date:

2024.06.28

Last Calib.:

2024.06.28

Start Time: 20:46:01

End Time:

04:49:02

Time On Btm: 2024.06.27 @ 23:43:22

Time Off Btm: 2024.06.28 @ 02:46:42

TEST COMMENT: 30-IF-Surface to 6.5"

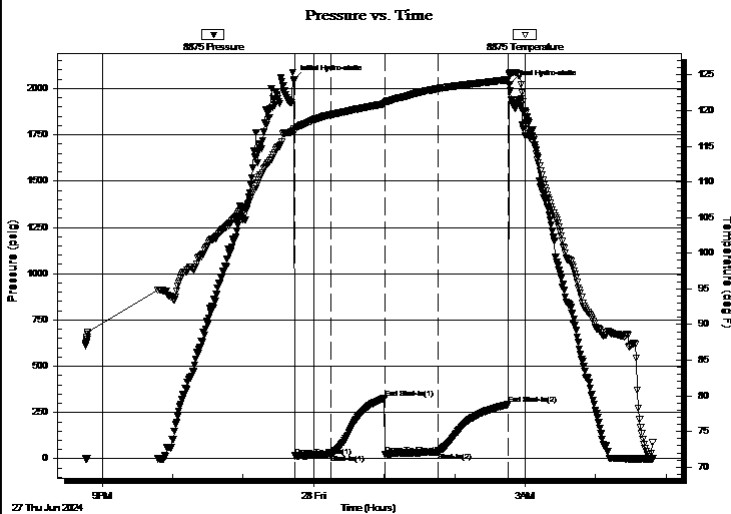
45-ISI-No Return

45-FF-Surface to 8"

60-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.40	117.44	Initial Hydro-static
1	16.28	117.05	Open To Flow (1)
31	26.46	119.42	Shut-In(1)
78	327.23	120.95	End Shut-In(1)
78	26.21	121.14	Open To Flow (2)
123	37.69	123.10	Shut-In(2)
183	293.69	124.34	End Shut-In(2)
184	2022.41	125.18	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOM 10%G 40%O 50%M	0.71
0.00	120 GIP 100%G	0.00

Gas Rates

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



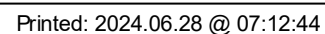
Test Start: 2024.06.27 @ 20:46:00

KB to GR/CF: 11.00 ft

60-FSI-No Return

Time Off Btm:

45-ISI-No Return
45-FF-Surface to 8"
60-FSI-No Return





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71237

DST#: 2

ATTN: Larry Friend

Test Start: 2024.06.27 @ 20:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GOM 10%G 40%O 50%M	0.709
0.00	120 GIP 100%G	0.000

Total Length: 50.00 ft

Total Volume: 0.709 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

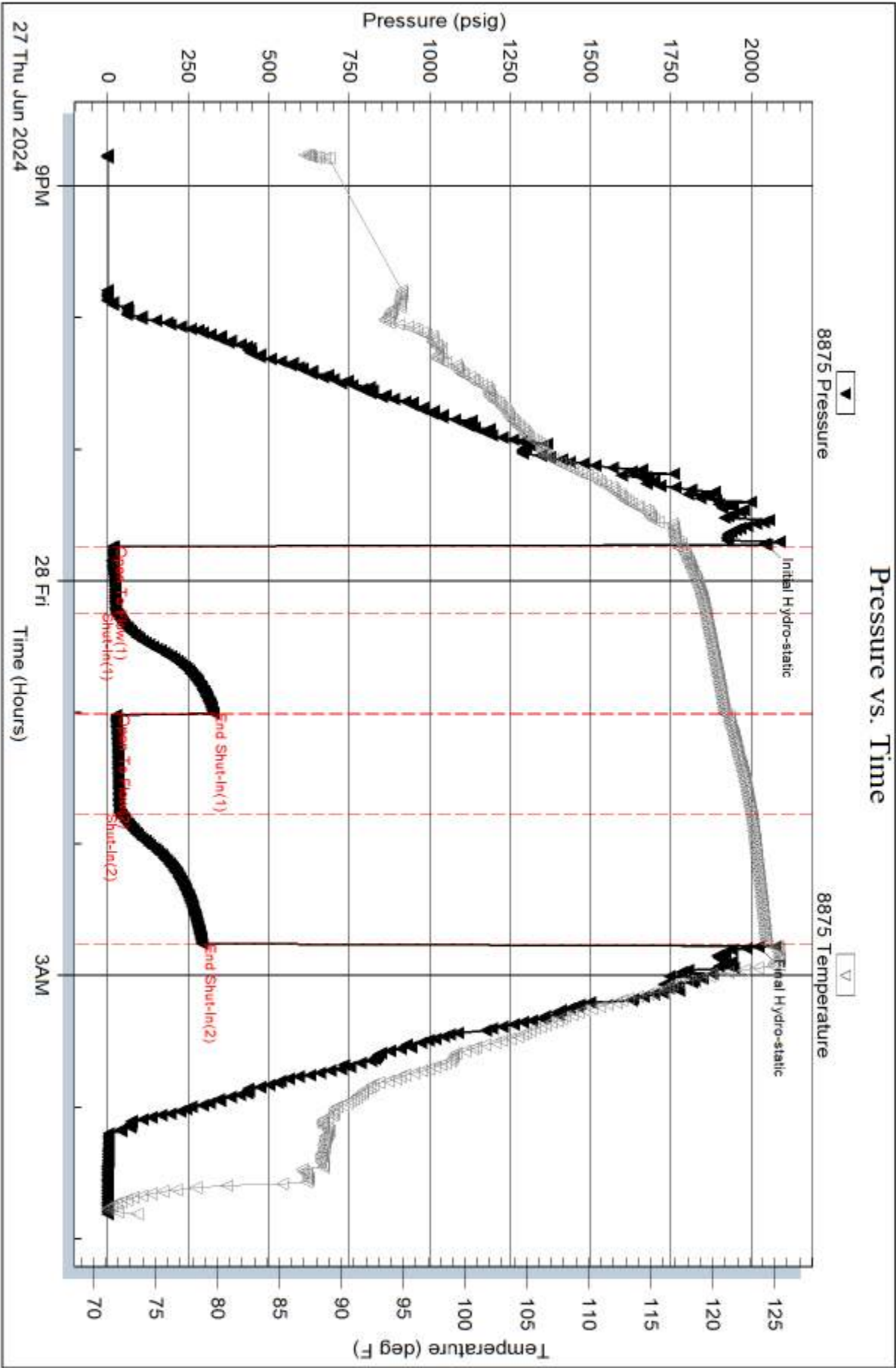
Recovery Comments: 2#LCM

Serial #: 8875

Outside Berexco LLC

Robb #4

DST Test Number: 2



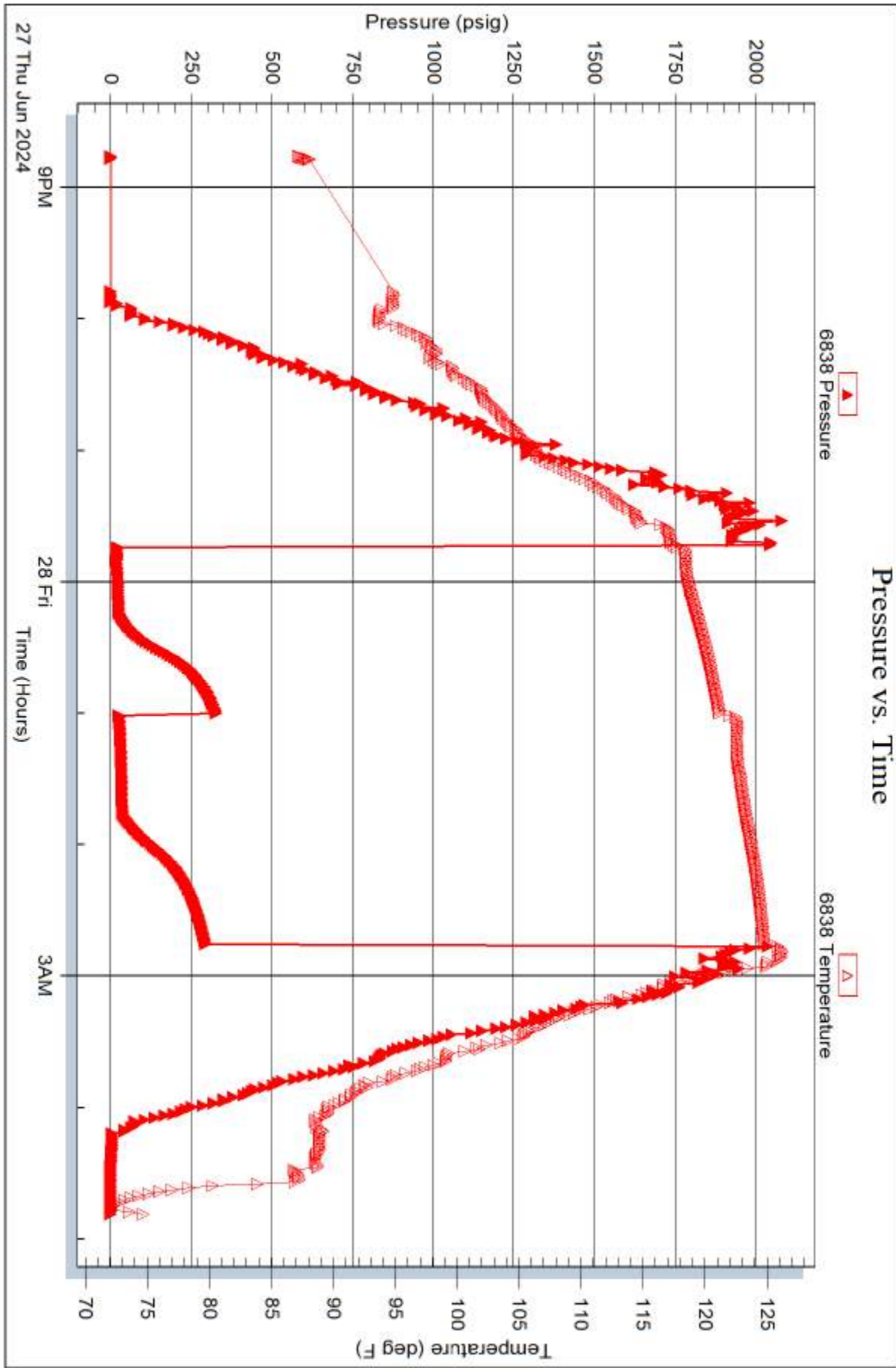
Serial #: 6838

Inside

Berexco LLC

Robb #4

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

2020 N Bramblewood
Wichita KS 67206+1094

ATTN: Larry Friend

6-15S-29W Gove KS

Robb #4

Job Ticket: 71238

DST#: 3

Test Start: 2024.06.29 @ 07:00:00

GENERAL INFORMATION:

Formation: **Ft Scott/Cher/Johnso**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:02

Time Test Ended: 14:03:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 75

Interval: **4115.00 ft (KB) To 4216.00 ft (KB) (TVD)**

Total Depth: 4216.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2586.00 ft (KB)

2575.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8875 Inside

Press@RunDepth: 27.98 psig @ 4118.00 ft (KB)

Start Date: 2024.06.29

End Date:

2024.06.29

Start Time: 07:00:01

End Time:

14:03:47

Capacity: psig

Last Calib.: 2024.06.29

Time On Btm: 2024.06.29 @ 09:09:52

Time Off Btm: 2024.06.29 @ 11:56:17

TEST COMMENT: 30-IF-Surface to 1.25"

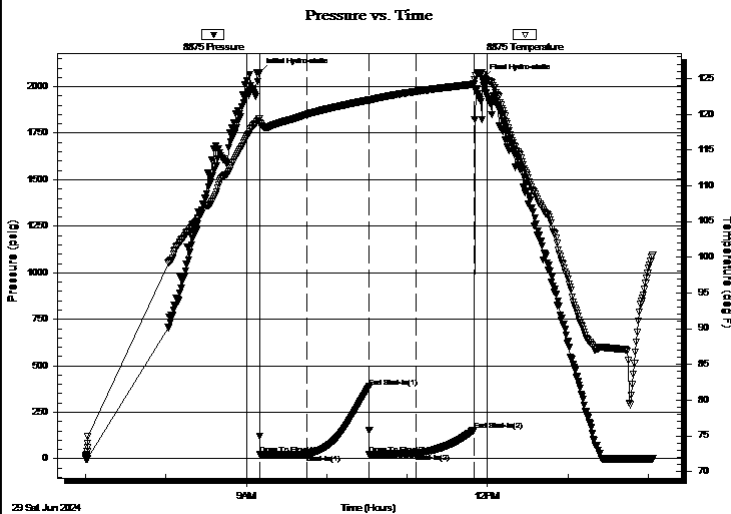
45-ISI-No Return

30-FF-No Blow

45-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.57	119.38	Initial Hydro-static
1	23.66	118.76	Open To Flow (1)
36	24.89	119.96	Shut-In(1)
82	387.29	121.94	End Shut-In(1)
82	25.92	121.94	Open To Flow (2)
117	27.98	123.16	Shut-In(2)
160	154.83	124.21	End Shut-In(2)
167	2044.52	125.50	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
9.00	Oil Spotted Mud 100%M	0.13
1.00	Clean Oil 100%O	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

2020 N Bramblewood
Wichita KS 67206+1094

ATTN: Larry Friend

6-15S-29W Gove KS

Robb #4

Job Ticket: 71238

DST#: 3

Test Start: 2024.06.29 @ 07:00:00

GENERAL INFORMATION:

Formation: **Ft Scott/Cher/Johnso**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:02

Time Test Ended: 14:03:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 75

Interval: **4115.00 ft (KB) To 4216.00 ft (KB) (TVD)**

Total Depth: 4216.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2586.00 ft (KB)

2575.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6838** Inside

Press@RunDepth: psig @ 4118.00 ft (KB)

Start Date: 2024.06.29

End Date:

2024.06.29

Start Time: 07:00:01

End Time:

14:03:47

Capacity: psig

Last Calib.:

2024.06.29

Time On Btm:

Time Off Btm:

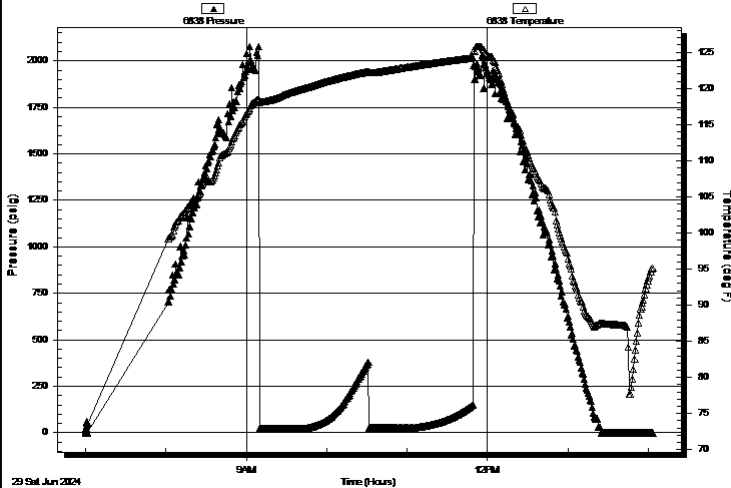
TEST COMMENT: 30-IF-Surface to 1.25"

45-ISI-No Return

30-FF-No Blow

45-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
9.00	Oil Spotted Mud 100%M	0.13
1.00	Clean Oil 100%O	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71238

DST#: 3

ATTN: Larry Friend

Test Start: 2024.06.29 @ 07:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.40 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
9.00	Oil Spotted Mud 100%M	0.128
1.00	Clean Oil 100%O	0.014

Total Length: 10.00 ft

Total Volume: 0.142 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Serial #: 8875

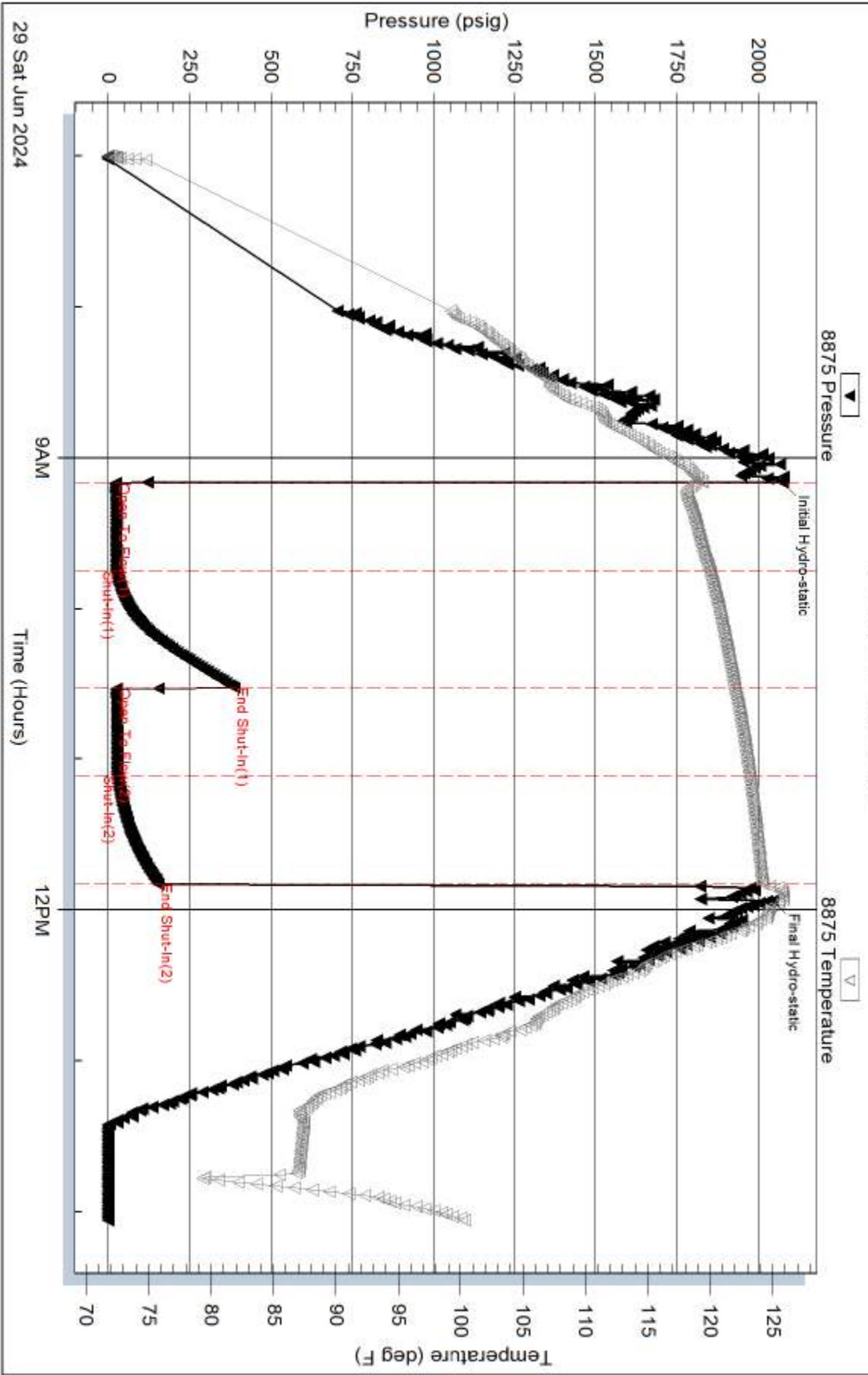
Inside

Berexco LLC

Robb #4

DST Test Number: 3

Pressure vs. Time



29 Sat Jun 2024

Trilobite Testing, Inc

Ref. No: 71238

Printed: 2024.06.29 @ 19:01:28

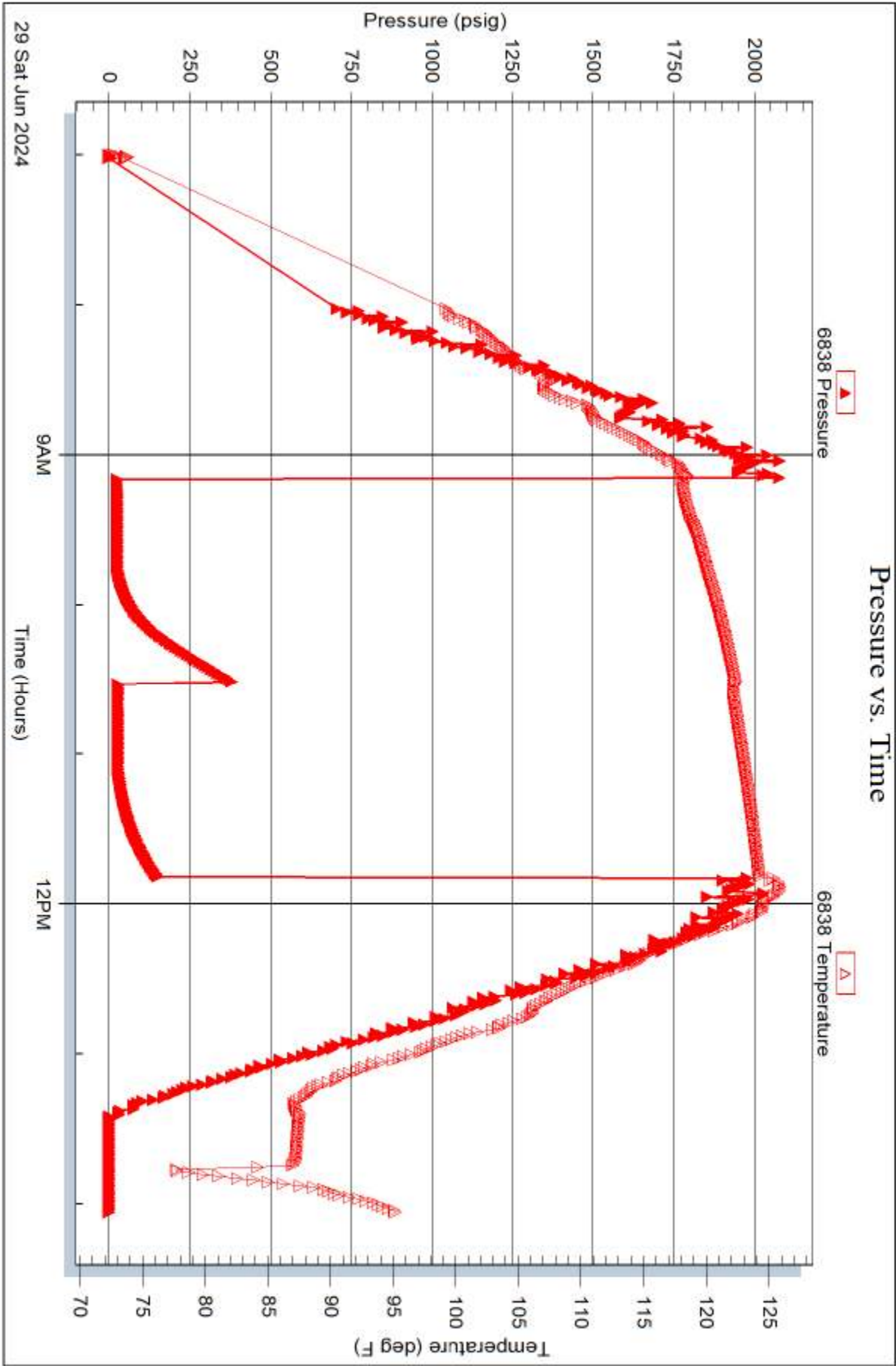
Serial #: 6838

Inside

Berexco LLC

Robb #4

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71239

DST#: 4

ATTN: Larry Friend

Test Start: 2024.06.29 @ 23:05:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:37

Time Test Ended: 06:48:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 75

Interval: **4213.00 ft (KB) To 4245.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4245.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: **8875** Outside

Press@RunDepth: 84.64 psig @ 4214.00 ft (KB)

Capacity: psig

Start Date: 2024.06.29

End Date:

2024.06.30

Last Calib.:

2024.06.30

Start Time: 23:05:01

End Time:

06:48:07

Time On Btm:

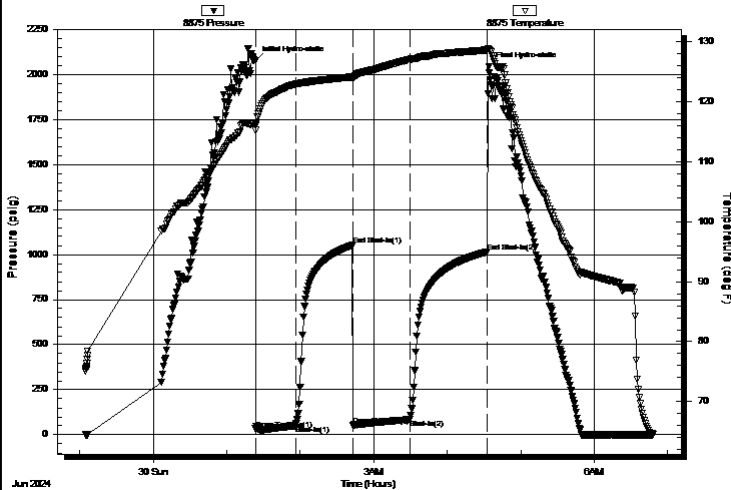
2024.06.30 @ 01:23:22

Time Off Btm:

2024.06.30 @ 04:34:22

TEST COMMENT: 30-IF-BOB 30 mins (12")
45-ISI-No Return
45-FF-BOB 22 mins Built to 21.5"
60-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2076.90	116.39	Initial Hydro-static
1	28.70	116.06	Open To Flow (1)
33	49.78	122.91	Shut-In(1)
80	1050.62	124.14	End Shut-In(1)
81	51.94	124.05	Open To Flow (2)
126	84.64	127.06	Shut-In(2)
190	1015.71	128.69	End Shut-In(2)
191	2040.76	128.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GMCO 25%G 20%M 55%O	2.13
40.00	GO 20%G 80%O	0.57
0.00	60 GIP 100%G	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

2020 N Bramblewood
Wichita KS 67206+1094

ATTN: Larry Friend

6-15S-29W Gove KS

Robb #4

Job Ticket: 71239

DST#: 4

Test Start: 2024.06.29 @ 23:05:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:37

Time Test Ended: 06:48:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 75

Interval: **4213.00 ft (KB) To 4245.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4245.00 ft (KB) (TVD)

2575.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: **6838** Inside

Press@RunDepth: psig @ 4214.00 ft (KB)

Capacity: psig

Start Date: 2024.06.29

End Date:

2024.06.30

Last Calib.:

2024.06.30

Start Time: 23:05:01

End Time:

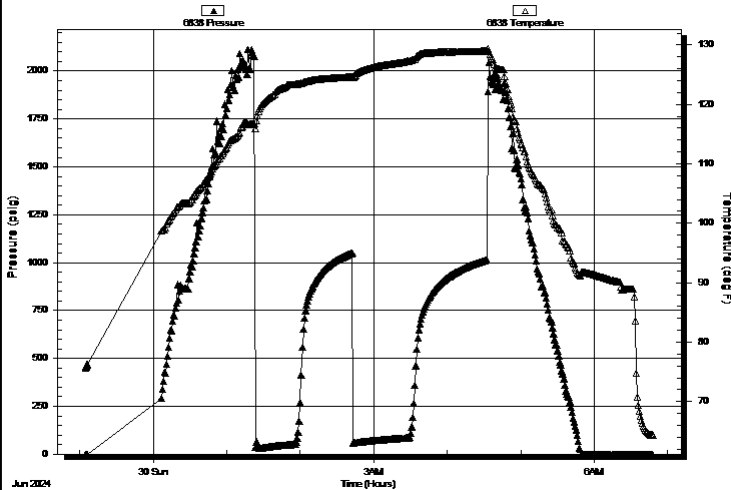
06:48:07

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IF-BOB 30 mins (12")
45-ISI-No Return
45-FF-BOB 22 mins Built to 21.5"
60-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
150.00	GMCO 25%G 20%M 55%O	2.13
40.00	GO 20%G 80%O	0.57
0.00	60 GIP 100%G	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

6-15S-29W Gove KS

2020 N Bramblewood
Wichita KS 67206+1094

Robb #4

Job Ticket: 71239

DST#: 4

ATTN: Larry Friend

Test Start: 2024.06.29 @ 23:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.40 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

36 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GMCO 25%G 20%M 55%O	2.126
40.00	GO 20%G 80%O	0.567
0.00	60 GIP 100%G	0.000

Total Length: 190.00 ft

Total Volume: 2.693 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

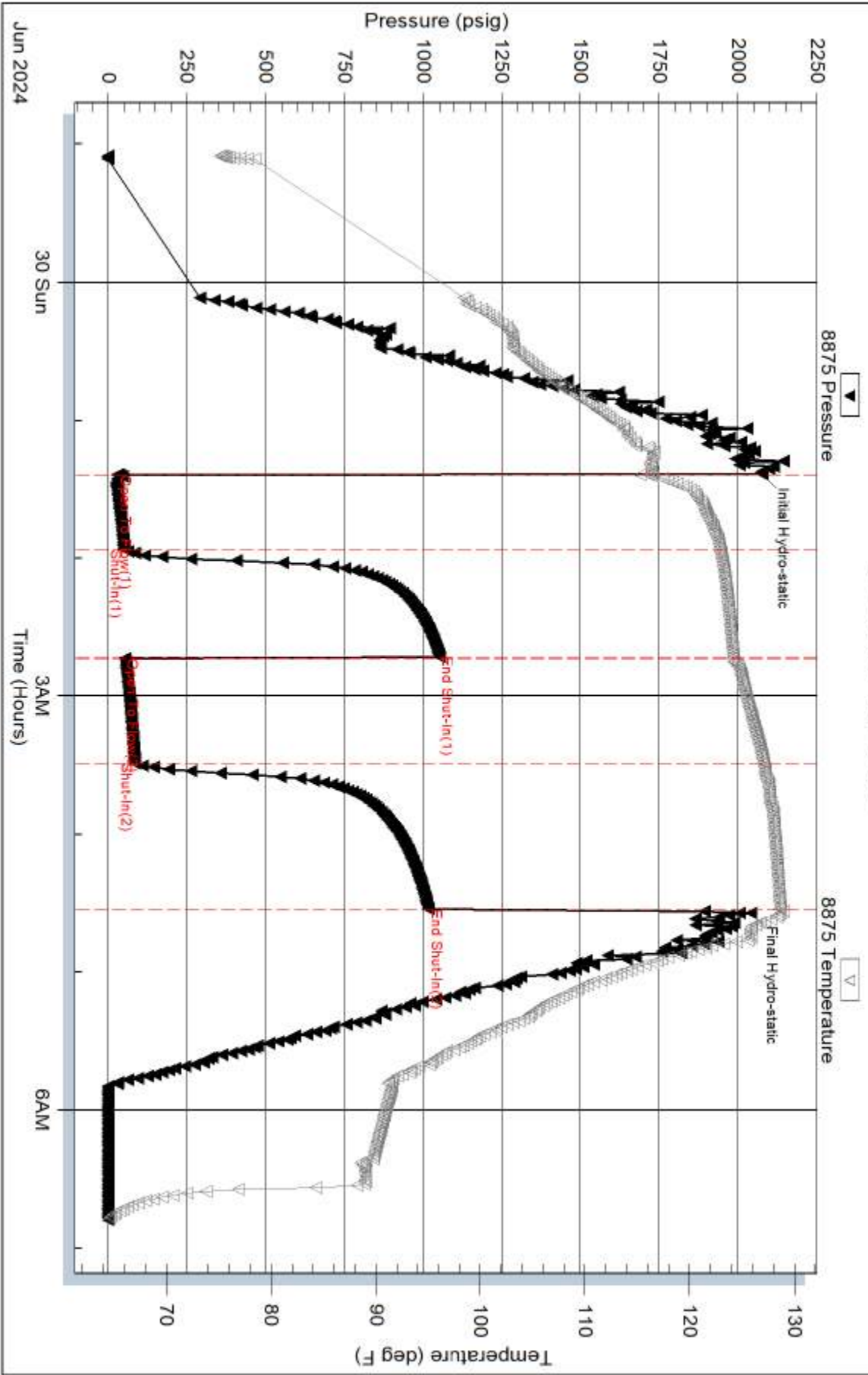
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Pressure vs. Time



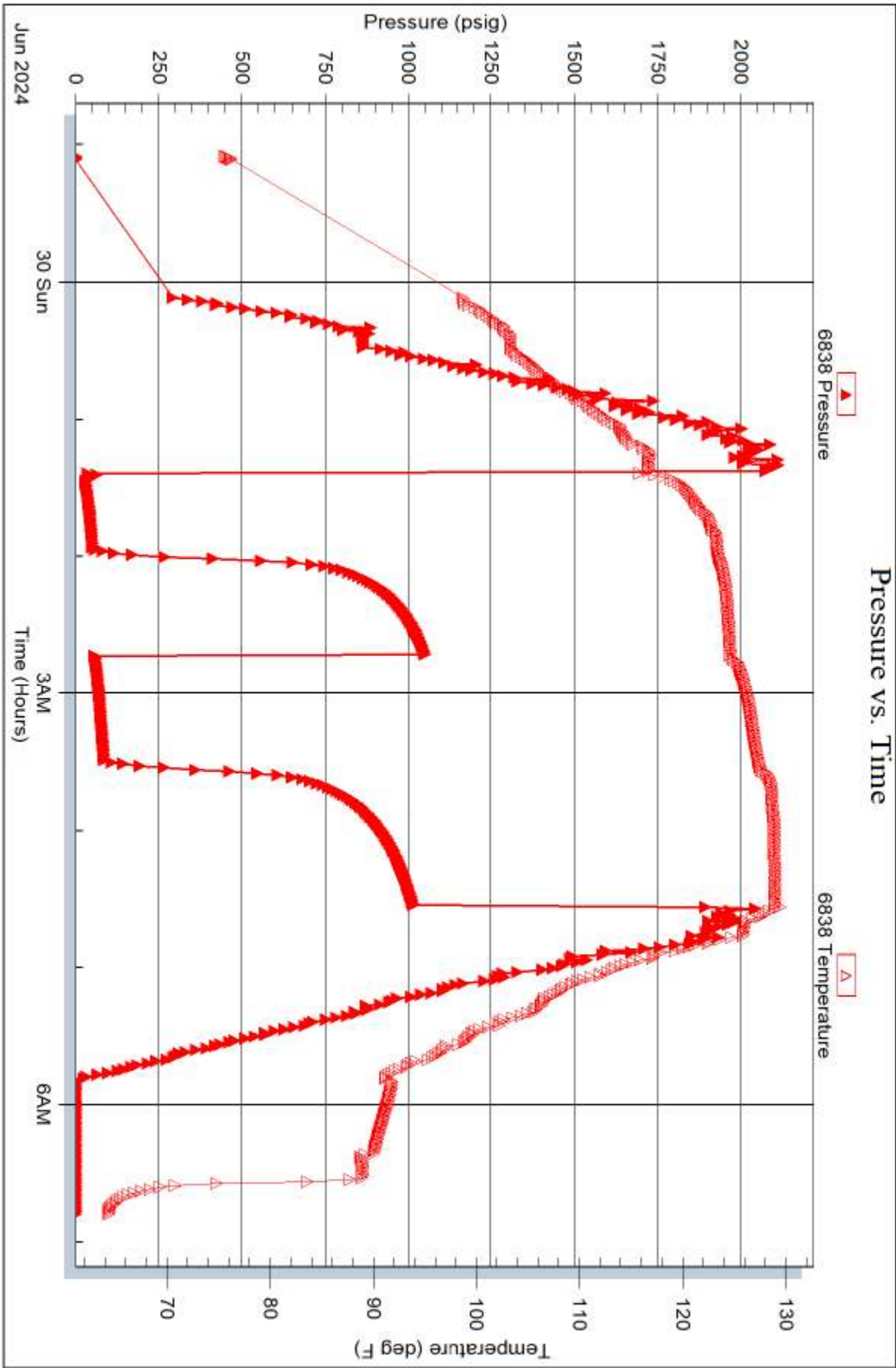
Serial #: 6838

Inside

Berexco LLC

Robb #4

DST Test Number: 4



WELL INFORMATION

Company: BEREXCO LLC.
Address: 2020 N. BRAMBLEWOOD
WICHITA, KS 67206

Well Name: ROBB #4

Location: E2 SW SE SE
SECTION 6 - T15S - R29W
GOVE COUNTY, KANSAS

API: 15-063-22445
Field: LUNDGREN

K. B. Elevation: 2586 Rotary Depth: 4330
Ground Elevation: 2576 Log Depth: 4332

Spud Date: 6/7/2024 Drilling Completed: 6/30/24

Completion: OIL: MISS./PAWNEE
Surface Casing: 8 5/8" set @ 403 Production Casing: 5 1/2" set @ 4329'
DV Tool: Set @ 1992'

Formation at TD: MISSISSIPPIAN
Drilling Fluid Type: CHEMICAL

Rig Contractor: SOUTHWIND RIG # 8
Logger: MIDWEST WIRELINE Logs Ran: DI w/SP, CND w/PE & MICRO

Wellsite Geologist: LARRY P. FRIEND

FORMATION DEPTHS

COMPARED TO:
OKMAR OIL CO.
ROBB #2
N2 N2 SE
SEC. 6-T15S-R29W

SAMPLE DEPTHS

LOG DEPTHS

ANHYDRITE	1981 (+605)	1981 (+605)	+4
STOTLER	3226 (-640)	3229 (-643)	-5
TOPEKA	3374 (-788)	3377 (-791)	-6
HEEBNER SHALE	3600 (-1014)	3602 (-1016)	-5
TORONTO	3618 (-1032)	3622 (-1036)	-7
LANSING:	3635 (-1049)	3639 (-1053)	-7
STARK SHALE	3884 (-1298)	3885 (-1299)	-5
HUSHPUCKNEY	3918 (-1332)	3916 (-1330)	-2
BKC	3949 (-1363)	3954 (-1368)	-2
MARMATON	3981 (-1395)	3976 (-1390)	-1

PAWNEE	4067 (-1481)	4070 (-1484)	-5
FT. SCOTT	4128 (-1542)	4129 (-1543)	+2
CHEROKEE	4154 (-1568)	4156 (-1570)	+1
MISSISSIPPI	4225 (-1639)	4225 (-1639)	+22
TD	4330	4332	

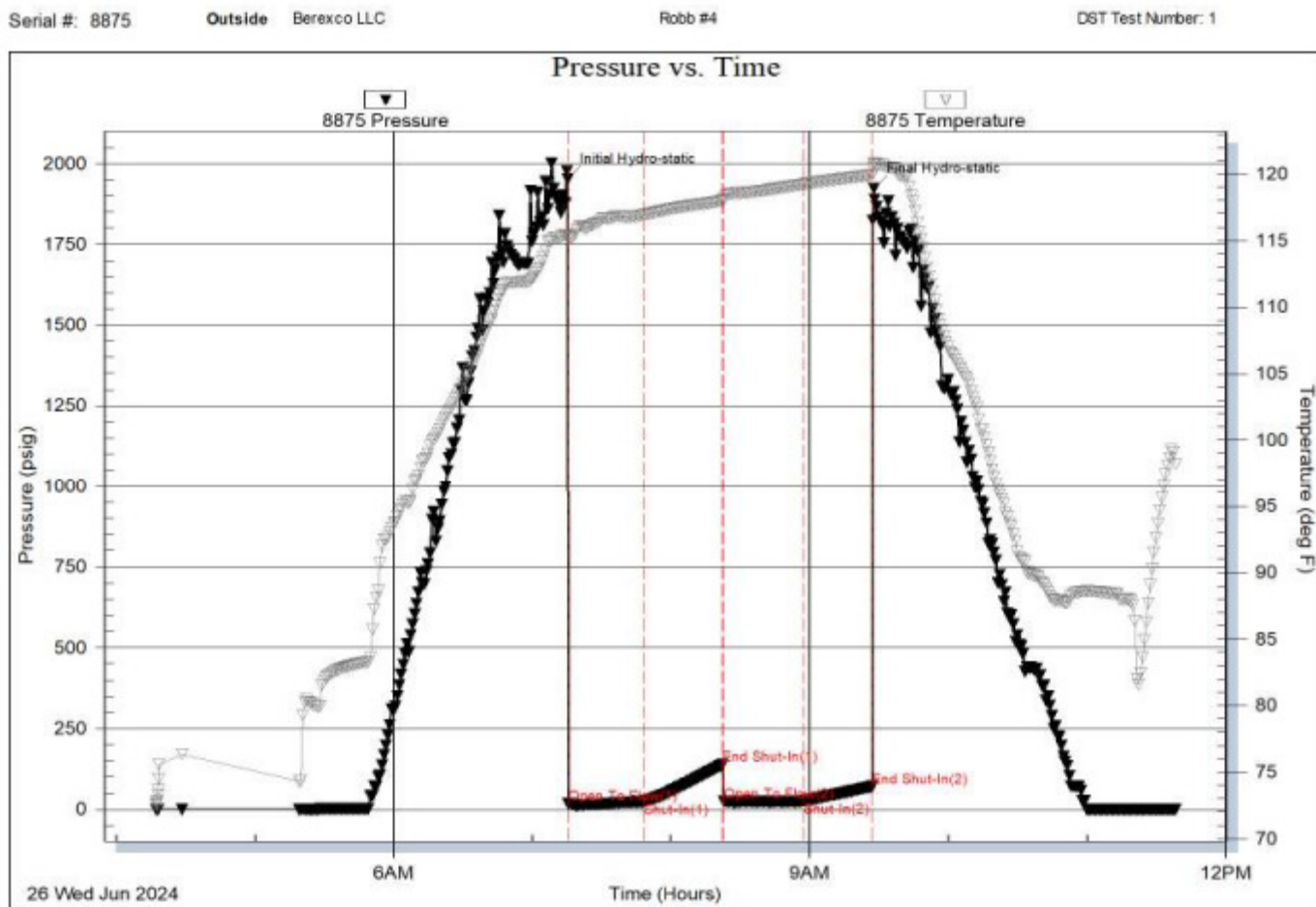
NOTES

DUE TO THE POSSITIVE SHOWS & TESTS ON THE MISSISSIPPI & PAWNEE ZONES, IT WAS DECIDED TO RUN PIPE AND PRODUCE THESE ZONES.
LPF

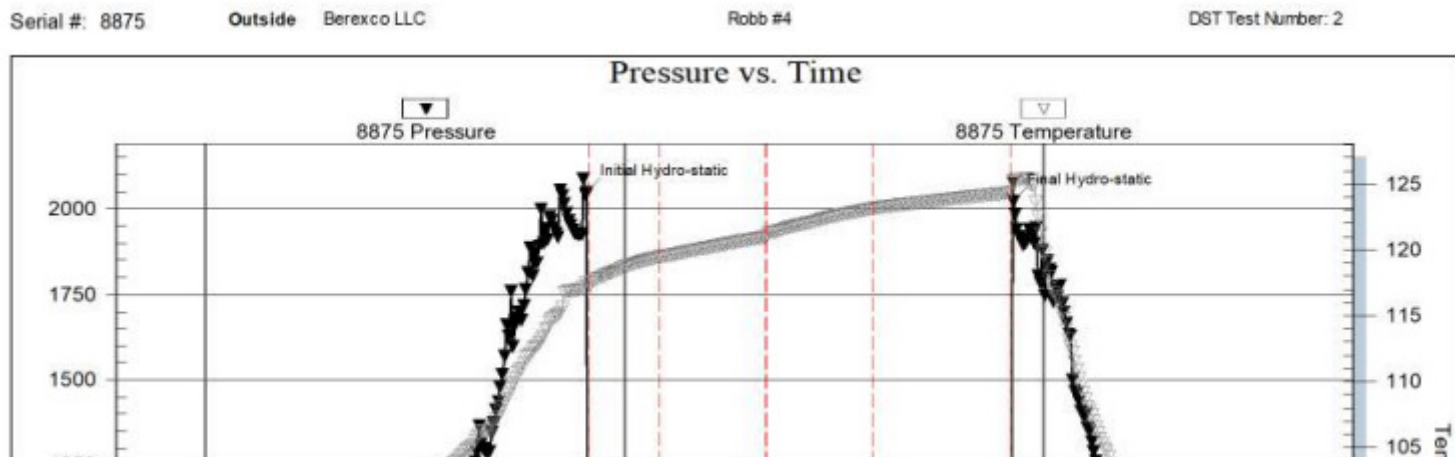
DRILLSTEM TESTS

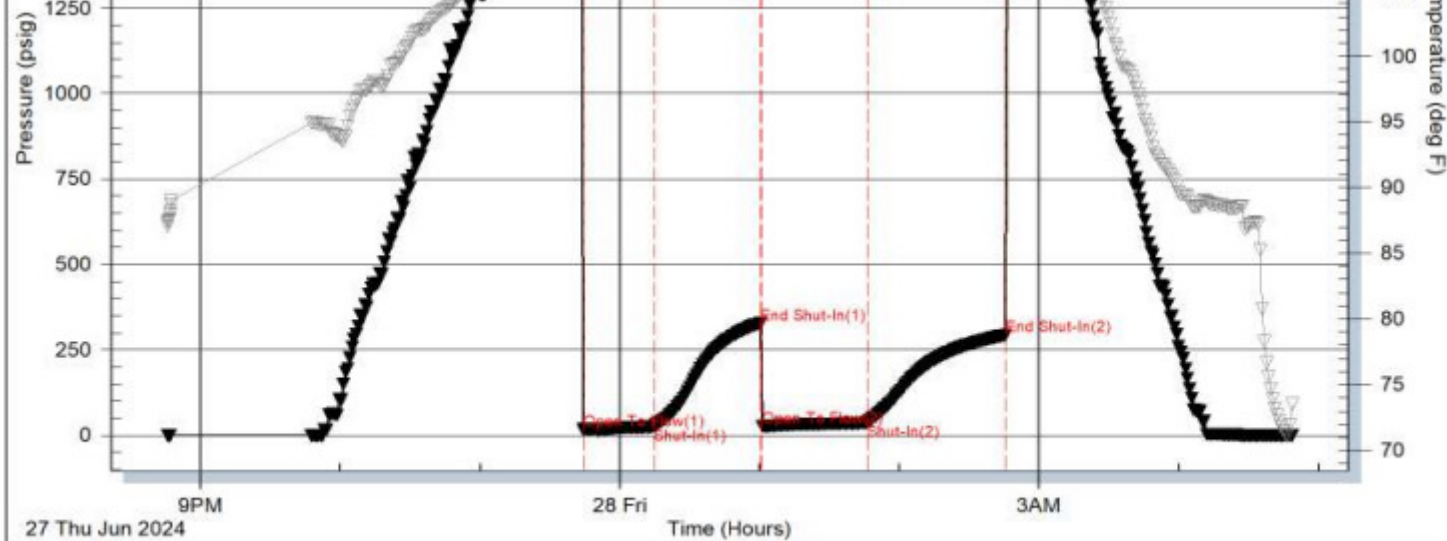
No	Interval	Formation
0	0.00	

DST #1: KANSAS CITY "K" ZONE: 3882 - 3914: 25' OIL SPTD MUD, SIP: 139-70#



DST #2: PAWNEE: 4058 - 4093; REC: 120' GIP, 50' SGHOCM (10%G, 40%O, 50%M), SIP: 327-293#





DST#3: FT. SCOTT/ CHEROKEE LIMES/ JOHNSON ZN: 4115 - 4216: REC: 1' CO, 9' OSM, SIP: 387-154#

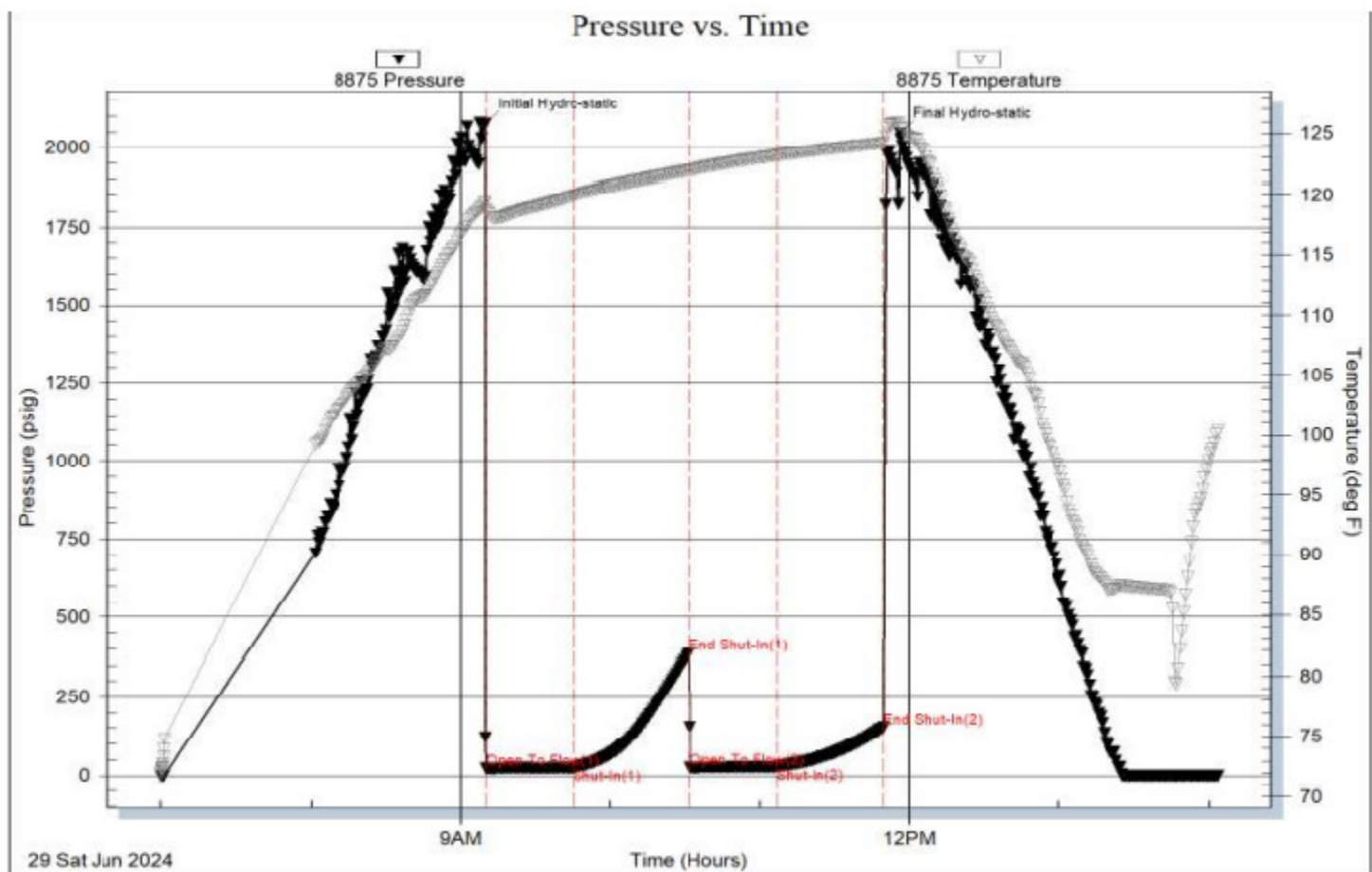
Serial #: 8875

Inside

Berexco LLC

Robb #4

DST Test Number: 3



DST#4: MISSISSIPPIAN: 4213-4245: REC: 60' GIP, 40' CGO, 150' GMCO, SIP: 1050-1015#

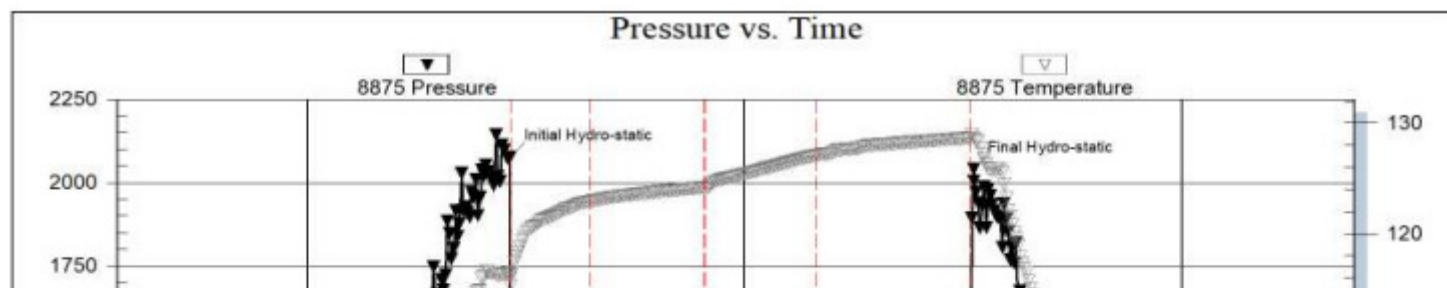
Serial #: 8875

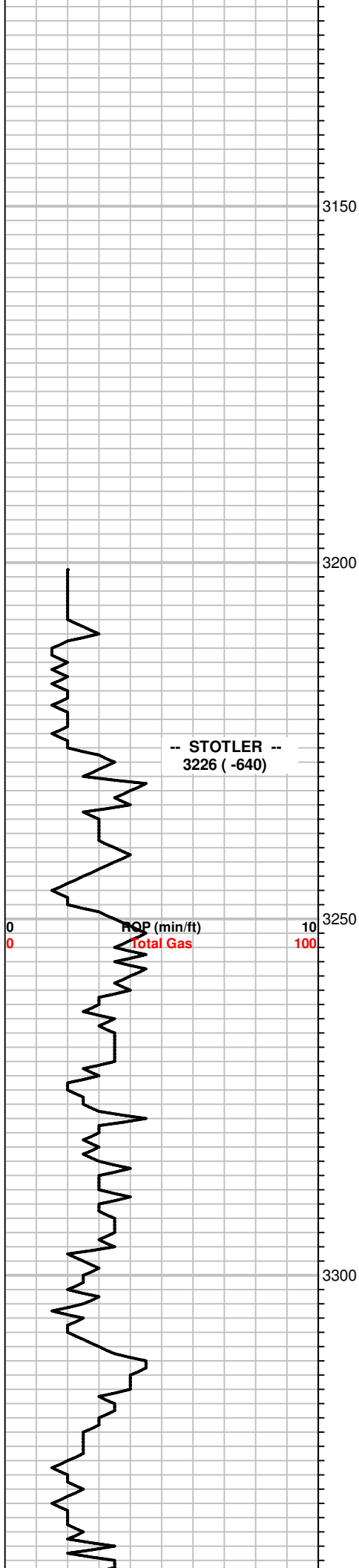
Outside

Berexco LLC

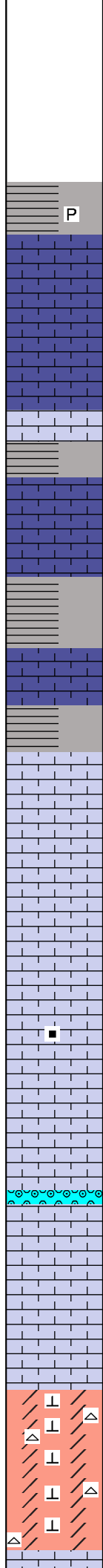
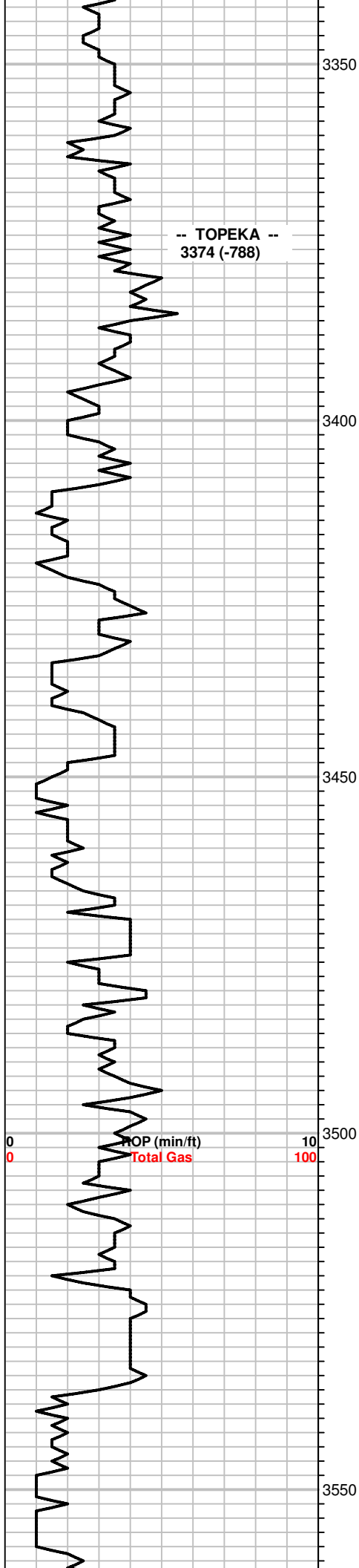
Robb #4

DST Test Number: 4





THIS WELL TOOK A WHILE TO DRILL.
THE PIPE CAME APART AT 3032. THEY HAD TO WASHOVER IT. THEY ALSO HAD TROUBLE KEEPING ENOUGH HANDS AND HAD TO SHUT DOWN FOR A COUPLE OF DAYS TO ACQUIRE NEW HANDS. THE DRIVE CHAIN ALSO BROKE A COUPLE OF TIMES UNTIL THEY GOT A NEW ONE. THESE ARE SOME OF THE REASONS THIS WELL TOOK SO LONG TO DRILL. I THINK THEIR NEW TOOL PUSHER WILL WHIP THIS RIG INTO SHAPE.



100: Ls, dull brn, fxln, foss. w/ Shale inclusions
pr. por; Shale, gry; NS

10: Ls, tan-brn, fxln, some silty; Shale, gry; Tr.
Pyrite; NS

20: Ls, tan-brn, fxln, tr. v. foss, pr. xln por; Lm, gry,
silty, hd; NS

30: Ls, tan, fn. gran, foss, pr. vis. por; NS

40: Ls, tan, fxln, v. foss, w/ some calcite fill in por,
pr-fr. intergran. por; NS

50: Inc. Shale, , gry, & Ls, gry, dse; NS

60: Ls, brn, xln, tr. v. foss, pr. vis. por; Siltstn
gry, lmy; NS

70: Ls, tan, fn. gran, tr. v. foss, pr-fr. intergran. por;
NS

80: No sample.

90: Ls, as above; NS

100: Ls, tan-brn, fn. gran, pr-fr. intergran. por; NS

10: Ls, as abv, sli. foss, pr-fr. intergran. por, tr. dk.
brn carb. spks; No other show.

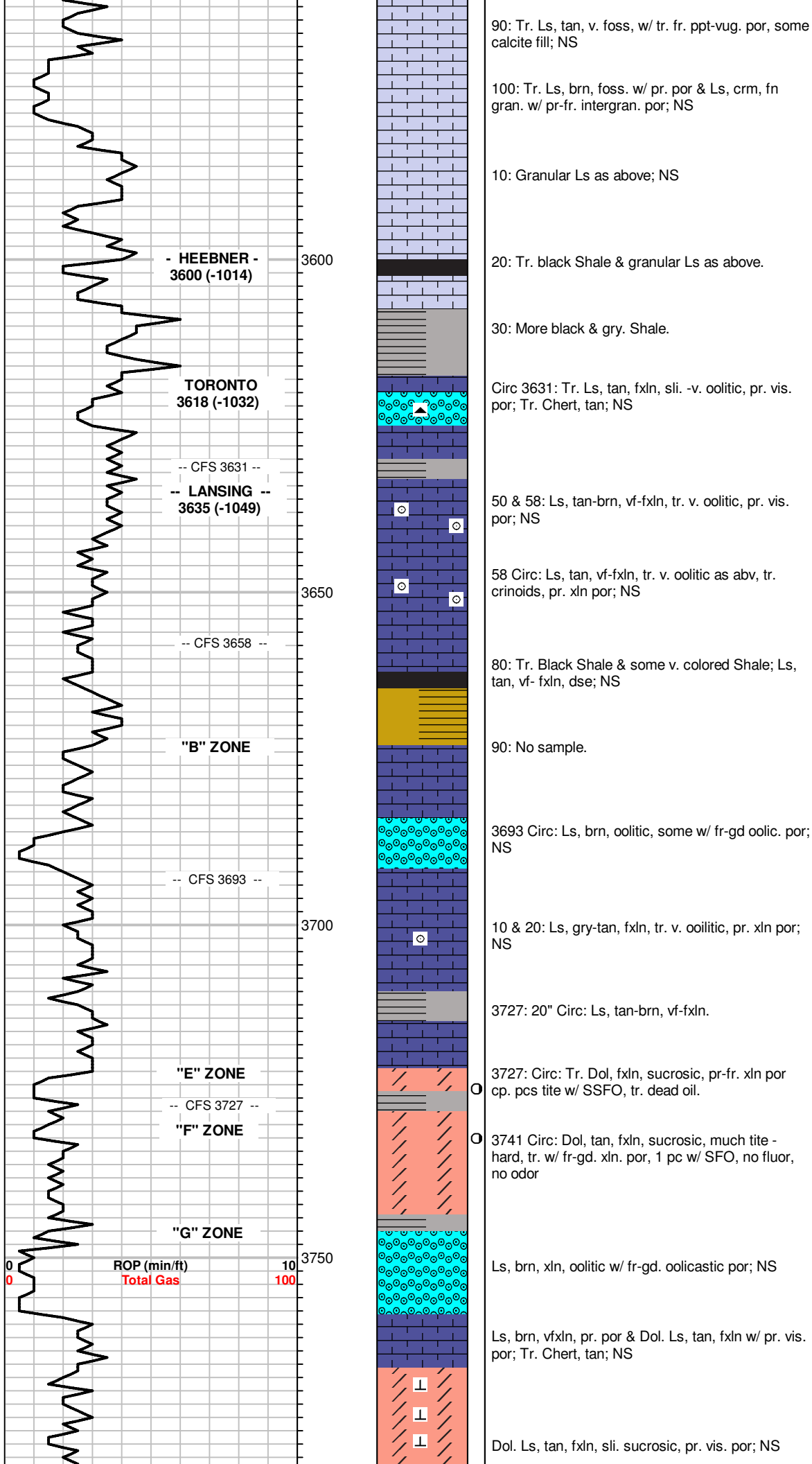
20: Tr. Ls, tan, v. oolitic, pr. por; NS

30: No sample.

40 - 60: Ls, tan-brn, fn granular, tr. v. foss, pr. por;
NS

70 & 80: Ls, dolomitic, crm-brn, fn. gran, fr.
intergran. por & some crm-brn Chert, sharp; NS

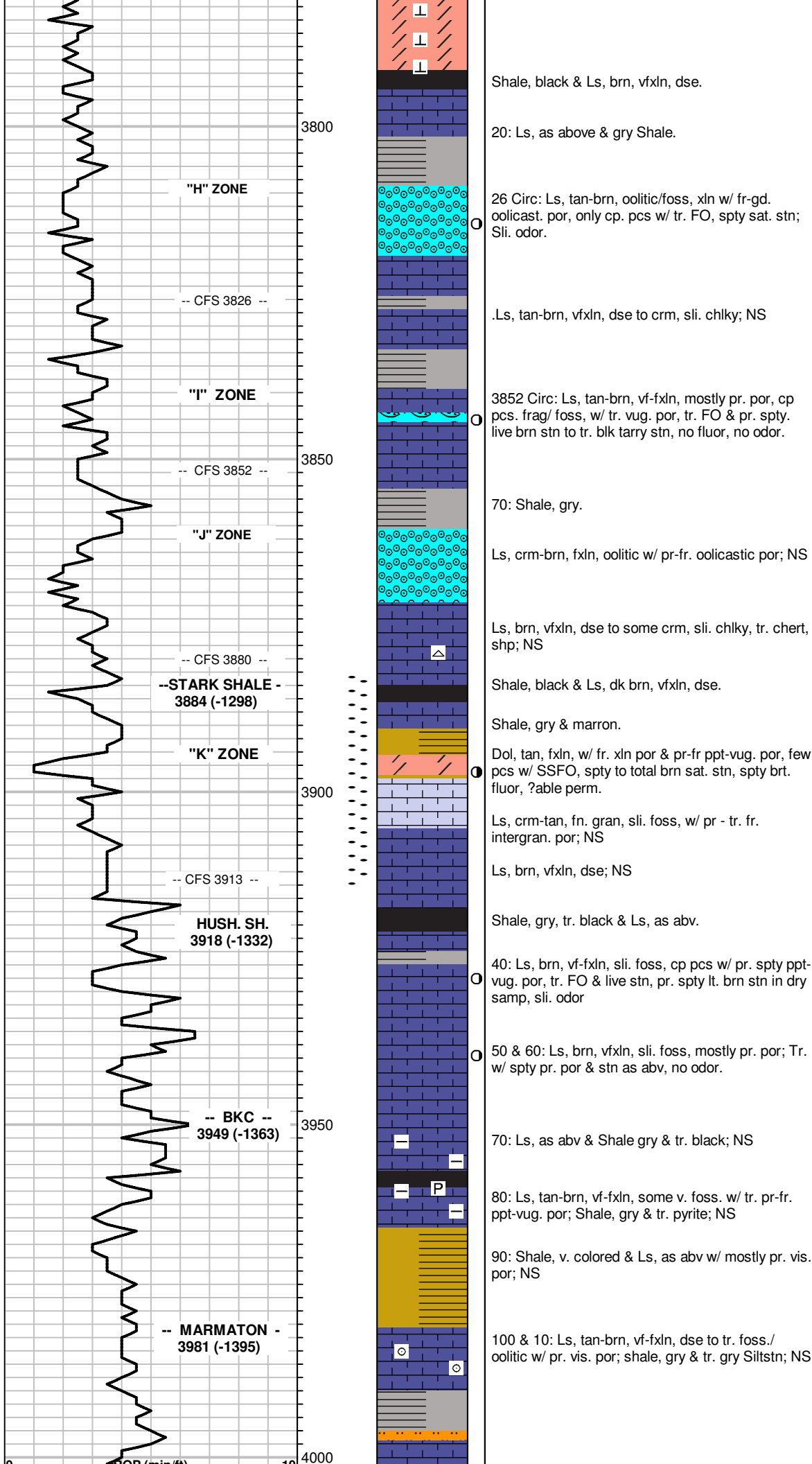
NIPPLE LEAKING ON FLOW LINE,
LOOSING SOME SAMPLE,
PATCHED IT UP.



MUD-CO MUD CHECK @ 3634:

Wt: 9.0
Vis: 58
Yield Pt: 25
Filtrate: 7.2
Chlor: 3500
LCM: 2#

NEW SAMPLE CATCHER TRAINIE-
SAMPLE DEPTHS MESSSED UP
THROUGH HERE.

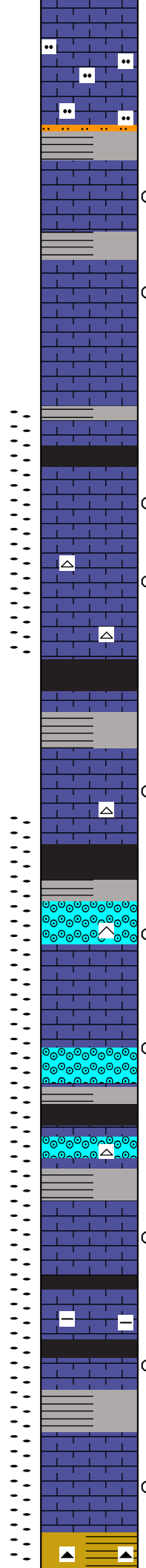
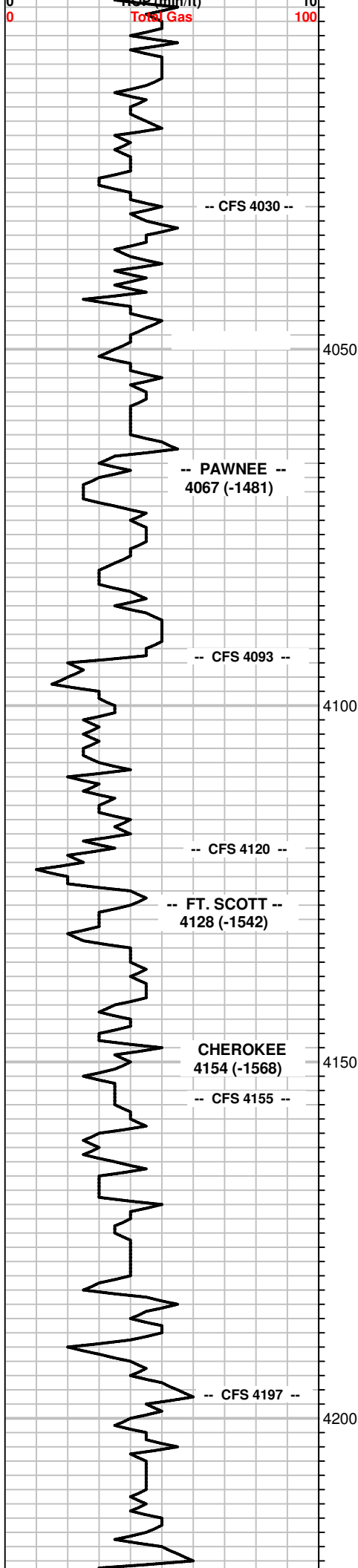


AFTER DRLG TO 3913, RIG WAS SHUT DOWN FOR 2 DAYS TO FIND NEW HANDS. WENT BACK TO BTM & DRILLED AN ADDITIONAL 1 FT. TO 3914' TO HAVE A SOLID BTM FOR TEST.

DST #1: 3882 - 3914
TIMES: 30-30-30-30
IF: BLOW BLT TO 3/4"
FF: NO BLOW
REC: 25' OIL SPTD DRLG MUD
IFP: 17-23#, FFP: 24-25#
SIP: 139-70#
BHT: 119 DEGREES

PIPE STRAP @ 3914:
3.40' LONG TO BOARD
WINDY CONDITIONS

MUD-CO CHECK @ 3914:
Wt: 9.0
Vis: 60+
Yield Pt: 31
Filtrate 7.2
Chlor: 4,200
LCM: 2



20: Mostly Ls, brn, vfxln, pr. vis. por & some gry lmy Siltstn; NS

30: Ls, as abv, vfxln, dse, some foss. & Siltst, gry, lmy; NS

4030: 30" Circ: Ls, brn, vf-fxln, few pcs w/ tr. pr. xln & vug. por & pr. spty brn sat. stn, v. rare tr. FO&G, no odor.

50 & 60: Ls, gry-brn, vfxln, few pcs. foss. w/ pr. xln-ppt-vug. por, SSFO, pr. spty. brn stn, no odor

70: Ls, brn, vfxln, dse; NS

80 & 90: Shale gry & tr. blk. and Ls, crm-tan fxln, foss, sev. pcs. w/ pr-fr. xln & vug. por, SFO (v. lt. colored), spty - near total lt. brn sat. stn, no odor.

93: Circ: Ls, brn, vfxln, dse; Chert, crm - lt. blue; Tr. Ls, crm-tan, foss, w/ fr. xln por. & pr. ppt-vug por, much calcite xtal growth, SFO (dk), pr. spty stn, no odor

Blk Shale; Ls, brn, dse& Tr. gry, lmy Siltstn.

20: Ls, crm-tan, vf-fxln, few pcs w/ pr. ppt-vug. por & pr, v. sptystn, tr. FO, no odor.

4120: Circ: Ls, tan-brn, vfxln, dse; Tr. chert; Cp. pcs Ls as abv w/pr. por & pr. spty stn.

Shale, black.

40: Ls, brn, fxln, v. oolitic, tr. chrty, w/ tr. pr-fr. vug. por, 1 pc w/ tr. FO & pr. spty. stn, no odor

50: Ls, brn, vfxln, dse; few pcs Ls, v. ool. as abv, 1 pc. w/ pr. xln-vug. por, tr. FO, pr. stn.

55 Circ: Ls, brn, fxln, v. oolitic, few pcs w/ pr-fr. xln por & tr. ppt. por, FSFO, spty brn sat. stn sli. odor.

70: Shale gry & black.

80: Mostly Ls, brn, vfxln, dse; Tr. Ls, v. ool. pr.por; Tr. Cht, v. oolitic, shp; NS

90: Ls, brn, vfxln, several pcs w/ pr. xln. por, tr. FO, v. pr spty brn to blk tarry stn, sli. odor.

97: Ls, brn dse to tr. crm, sli. chlky, cp pcs w/ pr. xln por, tr. FO, pr. spty brn stn; Shale gry & blk.

4197 Circ: Mostly Ls, brn, dse; Shale gry & blk; 1-2 pcs Ls, as abv w/ pr. show oil.

4216: Ls, brn, vf-fxln, some, sli chlky edges, sev. pcs w/ pr. xln por & tr. v. pr brn - blk tarry stn, tr. FO, sli. odor.

16 Circ: Few pcs Ls as abv, pr. xln por, SFO, pr-tr. fr. spty brn stn, 1 pc w/ total brn sat. stn.

4234: 20" Circ: Chert, yell, org, tan; tr. qtz, gry; Shale, gry, grn; Tr. siltstn.

MUD-CO CHECK @ 4029 FT.:
WT: 9.0
VIS: 61
YIELD PT: 26
pH: 10.5
FILTRATE: 7.2
CHLOR: 3,500
LCM: 2

AT 4030: BIT PLUGGED, PULLED 13 STANDS, PLUG RESOLVED ITSELF, WENT BACK TO BOTTOM & CIRC. 30".

**DST #2: 4058 - 4093
PAWNEE
TIMES: 30-45-45-60
IF: BLOW BLT TO 6.5"
FF: BLOW BLT TO 8"
NO RETURN BLOW
REC: 120' GAS IN PIPE
50' SG&HOCM
(10%G, 40%O, 50%M)
IFP: 16-26#, FFP: 26-37#
SIP: 327-293#
TEMP: 124 DEGREES**

MUD-CO CHECK @ 4093:
Wt: 9.0
Vis: 56
Yield Pt: 26
pH: 10.0
Filtrate: 8.0
Chlor: 3,500
LCM: 2

**DST #3: 4115 - 4216
(FT. SCT, CHER. LM, JOHN. ZONE)
TIMES: 30-45-30-45
IF: BLOW BLT TO 1.25"
FF: NO BLOW
NO RETURN BLOW
REC: 1 FT. CLEAN OIL
9' OIL SPTD MUD
IFP: 23-24#, FFP: 25-27#
SIP: 387 - 154#
TEMP: 124 DEGREES**

MUD-CO CHECK @ 4216:
Wt: 9.0
Vis: 52
Yield Pt 22
pH: 10.0
Filtrate: 6.4
Chlor: 3,500
LCM: 2

