

Form	ACO1 - Well Completion
Operator	Blue Goose Drilling Company, Inc.
Well Name	BORELL I 1
Doc ID	1619569

Tops

Name	Top	Datum
Heebner	3949	-1244
Lansing	3986	-1281
Stark Shale	4256	-1551
BKC	4328	-1623
Ft. Scott	4502	-1797
Cherokee Shale	4526	-1821
Cherokee Sand	4584	-1879
Miss	4616	-1911

Form	ACO1 - Well Completion
Operator	Blue Goose Drilling Company, Inc.
Well Name	BORELL I 1
Doc ID	1619569

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	262	common	170	2% gel 3% cc



DRILL STEM TEST REPORT

Prepared For: **Blue Goose Drilling Co**

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

Borell I #1

33-17s-27w Lane,KS

Start Date: 2022.01.13 @ 21:03:00

End Date: 2022.01.14 @ 04:59:02

Job Ticket #: 67840 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.01.19 @ 12:38:14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67840

DST#: 1

Test Start: 2022.01.13 @ 21:03:00

GENERAL INFORMATION:

Formation: **KC H - J**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 23:08:17

Time Test Ended: 04:59:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4149.00 ft (KB) To 4247.00 ft (KB) (TVD)

Total Depth: 4247.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 163.01 psig @ 4151.00 ft (KB)

Start Date: 2022.01.13

End Date:

2022.01.14

Start Time: 21:03:01

End Time:

04:59:02

Capacity: psig

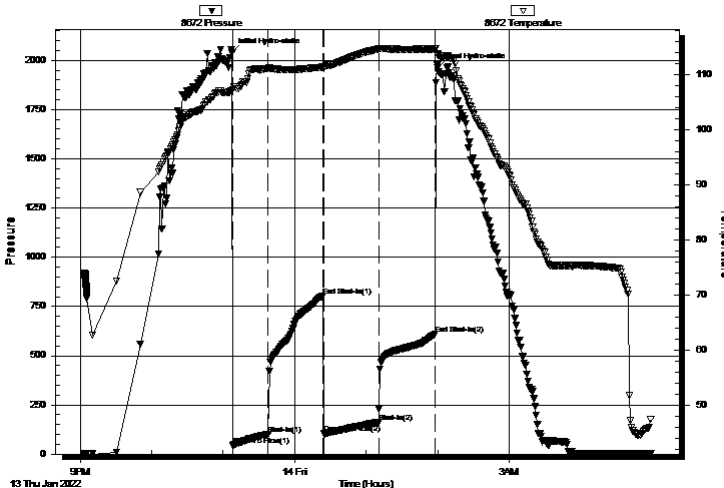
Last Calib.: 2022.01.13

Time On Btm: 2022.01.13 @ 23:07:32

Time Off Btm: 2022.01.14 @ 02:00:02

TEST COMMENT: IF: 30 min., strong building blow , 9.5 inches
IS: 45 min., no blow back
FF: 45 min., strong building blow , 11.8 inches
FS: 45 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.19	106.97	Initial Hydro-static
1	45.80	107.20	Open To Flow (1)
31	101.28	111.07	Shut-In(1)
77	804.74	111.30	End Shut-In(1)
77	104.61	111.11	Open To Flow (2)
123	163.01	114.63	Shut-In(2)
171	610.22	114.60	End Shut-In(2)
173	1963.04	113.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	MW w / oil spots 40%M, 60%W	2.65
126.00	SOCWM 5%O, 20%W, 75%M	1.77

Gas Rates

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

DRILL STEM TEST REPORT

Blue Goose Drilling Co

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67840

DST#: 1

Test Start: 2022.01.13 @ 21:03:00

GENERAL INFORMATION:

Formation: **KC H - J**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 23:08:17

Time Test Ended: 04:59:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4149.00 ft (KB) To 4247.00 ft (KB) (TVD)

Total Depth: 4247.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.01.13

End Date:

2022.01.14

Start Time: 21:03:01

End Time:

04:59:02

Capacity: psig

Last Calib.:

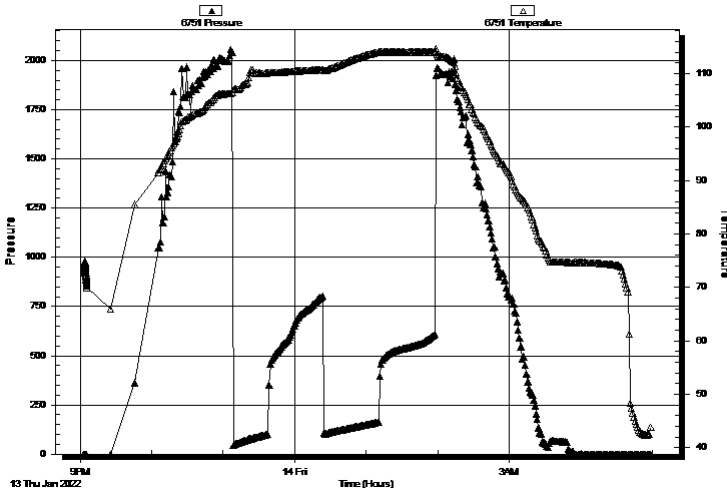
1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., strong building blow , 9.5 inches
IS: 45 min., no blow back
FF: 45 min., strong building blow , 11.8 inches
FS: 45 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
189.00	MW w / oil spots 40%M, 60%W	2.65
126.00	SOCWM 5%O, 20%W, 75%M	1.77

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Goose Drilling Co

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67840

DST#: 1

ATTN: Ken Wallace

Test Start: 2022.01.13 @ 21:03:00

Tool Information

Drill Pipe:	Length: 4131.00 ft	Diameter: 3.80 inches	Volume: 57.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 57.95 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4149.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	98.00 ft			
Tool Length:	125.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4127.00	
Hydraulic tool	5.00			4132.00	
Jars	5.00			4137.00	
Safety Joint	3.00			4140.00	
Packer	5.00			4145.00	27.00 Bottom Of Top Packer
Packer	4.00			4149.00	
Stubb	1.00			4150.00	
Perforations	1.00			4151.00	
Recorder	0.00	8672	Inside	4151.00	
Recorder	0.00	6751	Outside	4151.00	
Pickup sub perf	5.00			4156.00	
Perforations	23.00			4179.00	
Change Over Sub	1.00			4180.00	
Drill Pipe	63.00			4243.00	
Change Over Sub	1.00			4244.00	
Bullnose	3.00			4247.00	98.00 Bottom Packers & Anchor
Total Tool Length:	125.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling Co

33-17s-27w Lane, KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67840

DST#: 1

ATTN: Ken Wallace

Test Start: 2022.01.13 @ 21:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 31000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	MW w / oil spots 40%M, 60%W	2.651
126.00	SOCWM 5%O, 20%W, 75%M	1.767

Total Length: 315.00 ft

Total Volume: 4.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.288@53F=31,000ppm

Serial #: 8672

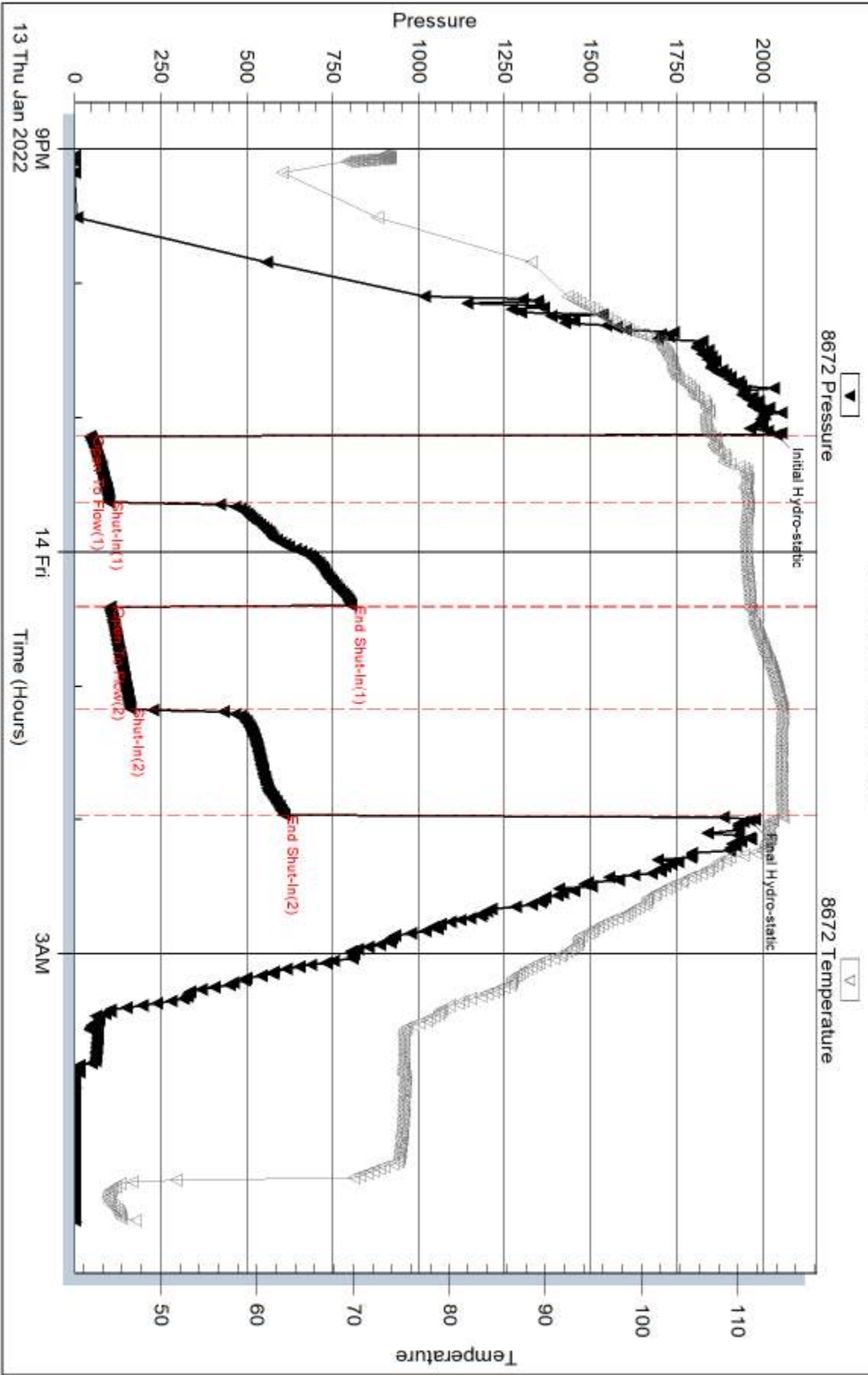
Inside

Blue Goose Drilling Co

Borel | #1

DST Test Number: 1

Pressure vs. Time

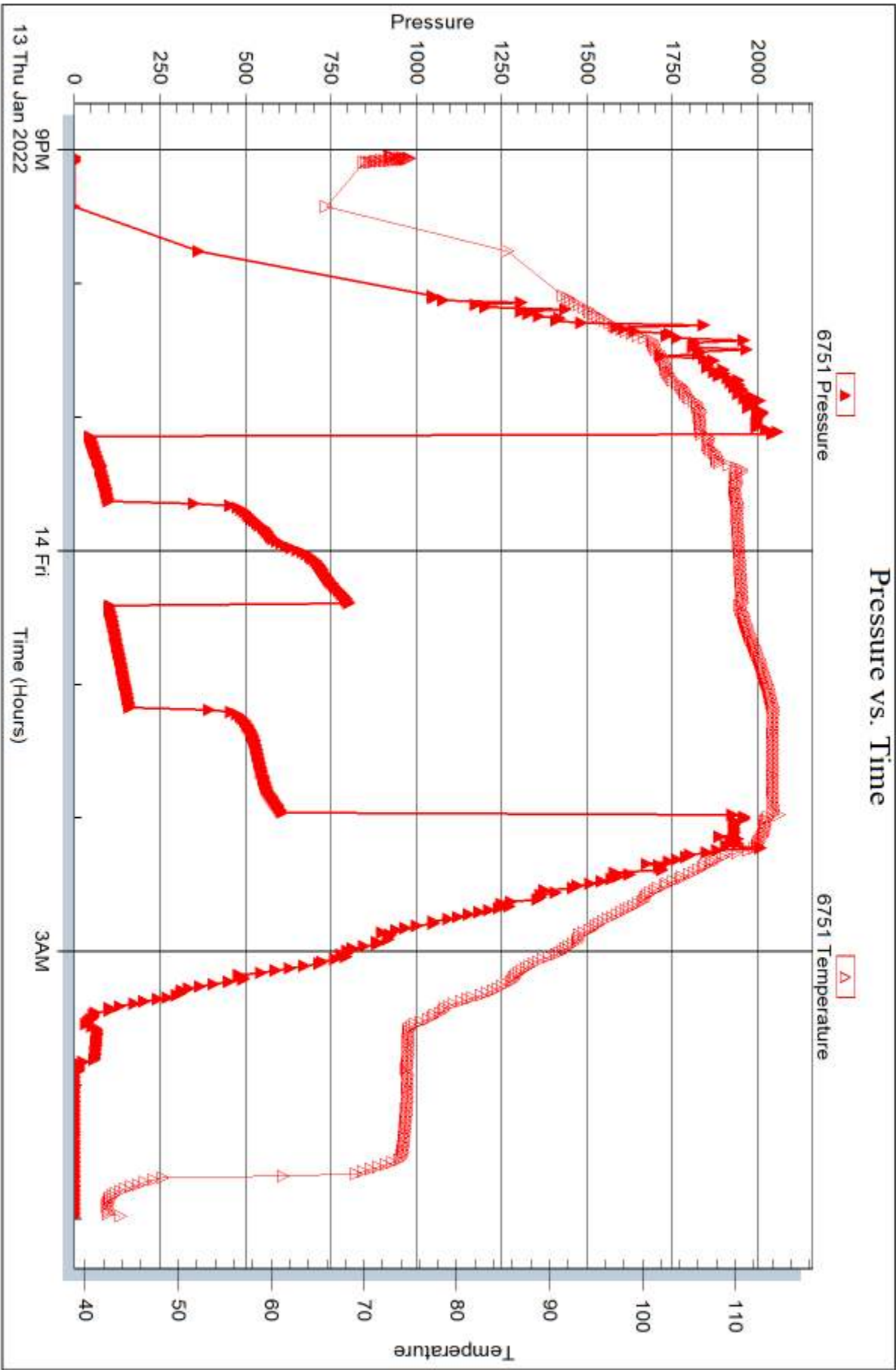


Serial #: 6751

Blue Goose Drilling Co

Borel | #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67840

Printed: 2022.01.19 @ 12:38:16



DRILL STEM TEST REPORT

Prepared For: **Blue Goose Drilling Co**

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

Borell I #1

33-17s-27w Lane,KS

Start Date: 2022.01.14 @ 19:11:00

End Date: 2022.01.15 @ 04:18:47

Job Ticket #: 67841 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.01.19 @ 12:37:46



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67841

DST#: 2

Test Start: 2022.01.14 @ 19:11:00

GENERAL INFORMATION:

Formation: **LKC L**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 21:02:47

Time Test Ended: 04:18:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4287.00 ft (KB) To 4326.00 ft (KB) (TVD)

Reference Elevations: 2705.00 ft (KB)

Total Depth: 4326.00 ft (KB) (TVD)

2695.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672

Inside

Press@RunDepth: 426.72 psig @ 4289.00 ft (KB)

Capacity: psig

Start Date: 2022.01.14

End Date:

2022.01.15

Last Calib.: 2022.01.14

Start Time: 19:11:01

End Time:

04:18:47

Time On Btm: 2022.01.14 @ 21:00:47

Time Off Btm: 2022.01.14 @ 23:41:47

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 61 inches
IS: 45 min., No blow back
FF: 30 min., BOB 10 min., strong building blow , 26 inches
FS: 45 min., No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.81	101.48	Initial Hydro-static
2	71.73	101.72	Open To Flow (1)
32	302.56	126.94	Shut-In(1)
76	485.32	123.02	End Shut-In(1)
76	306.99	122.98	Open To Flow (2)
109	426.72	126.91	Shut-In(2)
157	485.87	124.70	End Shut-In(2)
161	2022.04	123.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
880.00	GW 5%G, 95%W	12.34

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Goose Drilling Co

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67841

DST#: 2

ATTN: Ken Wallace

Test Start: 2022.01.14 @ 19:11:00

Tool Information

Drill Pipe:	Length:	4285.00 ft	Diameter:	3.80 inches	Volume:	60.11 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	60.11 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		4287.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		39.00 ft						
Tool Length:		66.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4265.00	
Hydraulic tool	5.00			4270.00	
Jars	5.00			4275.00	
Safety Joint	3.00			4278.00	
Packer	5.00			4283.00	27.00 Bottom Of Top Packer
Packer	4.00			4287.00	
Stubb	1.00			4288.00	
Perforations	1.00			4289.00	
Recorder	0.00	8672	Inside	4289.00	
Recorder	0.00	6751	Outside	4289.00	
Pickup sub perf	5.00			4294.00	
Perforations	29.00			4323.00	
Bullnose	3.00			4326.00	39.00 Bottom Packers & Anchor

Total Tool Length: 66.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling Co

33-17s-27w Lane, KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67841

DST#: 2

ATTN: Ken Wallace

Test Start: 2022.01.14 @ 19:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.18 in³

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 22000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
880.00	GW 5%G, 95%W	12.344

Total Length: 880.00 ft Total Volume: 12.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

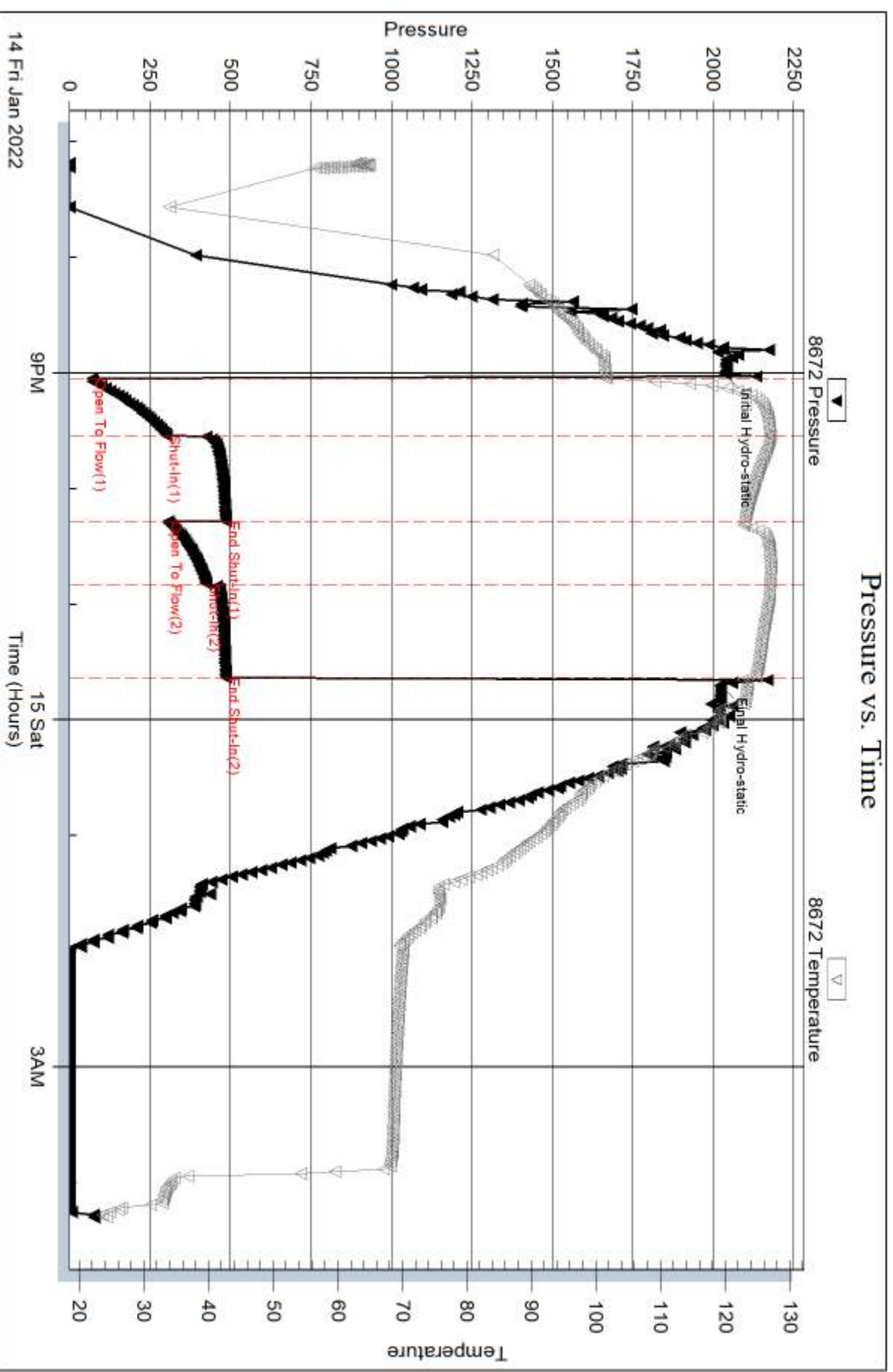
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.367@62F=22,000ppm

DST Test Number: 2

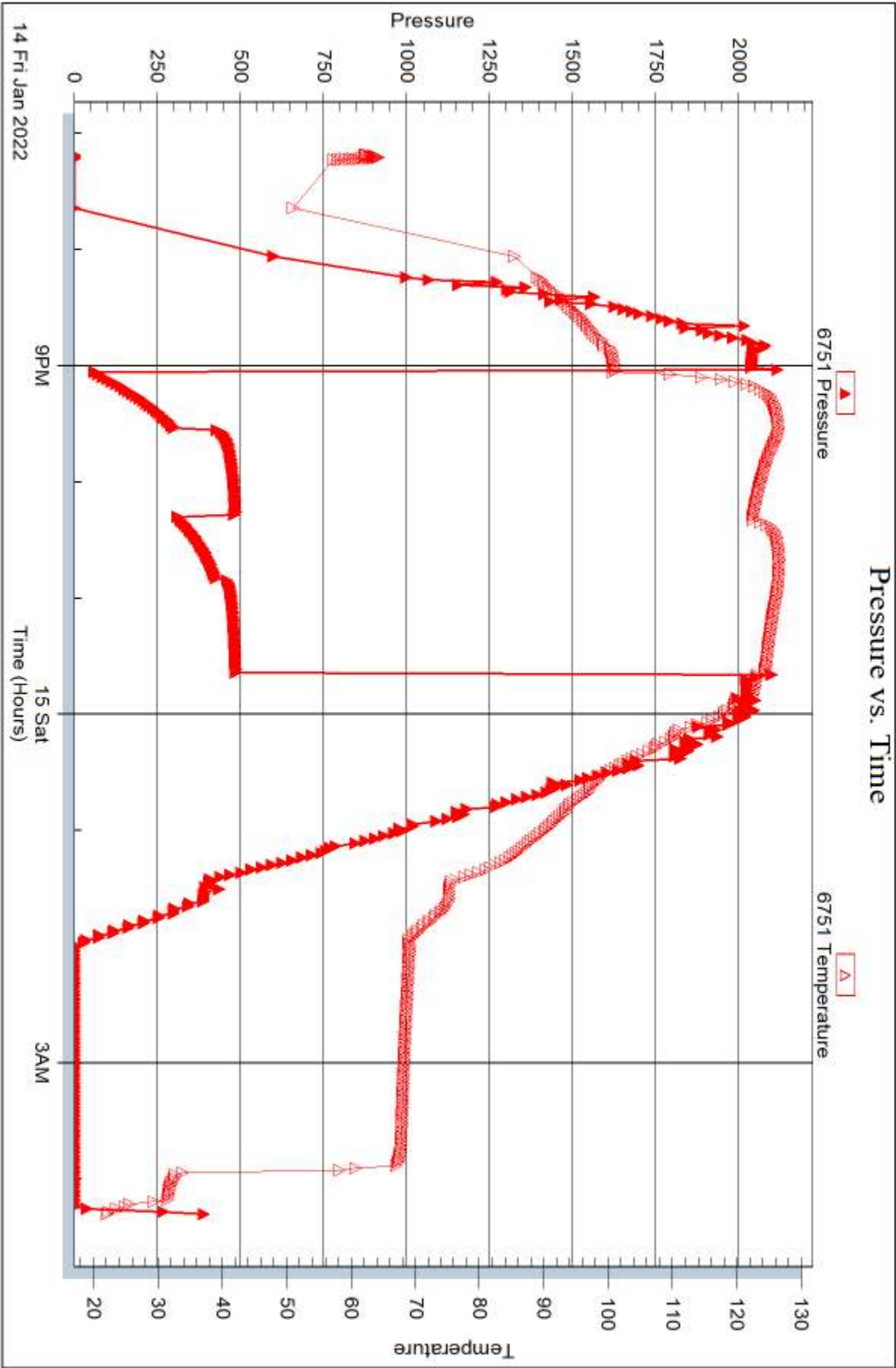


Serial #: 6751

Blue Goose Drilling Co

Borehole #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Blue Goose Drilling Co**

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

Borell I #1

33-17s-27w Lane,KS

Start Date: 2022.01.15 @ 18:13:00

End Date: 2022.01.16 @ 01:47:02

Job Ticket #: 67842 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.01.19 @ 12:37:15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67842

DST#: 3

Test Start: 2022.01.15 @ 18:13:00

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 19:55:02

Time Test Ended: 01:47:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4325.00 ft (KB) To 4352.00 ft (KB) (TVD)

Total Depth: 4352.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 40.57 psig @ 4327.00 ft (KB)

Start Date: 2022.01.15

End Date:

2022.01.16

Start Time: 18:13:01

End Time:

01:47:02

Capacity: psig

Last Calib.: 2022.01.15

Time On Btm: 2022.01.15 @ 19:50:02

Time Off Btm: 2022.01.15 @ 23:04:02

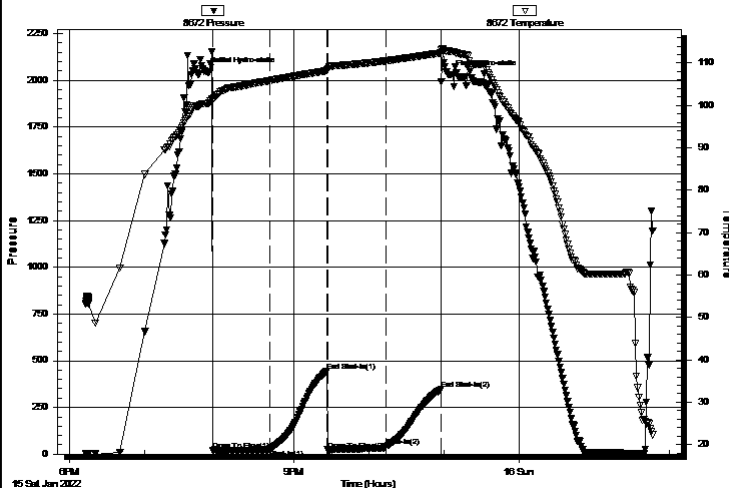
TEST COMMENT: IF: 45 min., strong building blow, 10.8 inches

IS: 45 min., no blow back

FF: 45 min., fair building blow, 8.7 inches

FS: 45 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.12	100.48	Initial Hydro-static
5	21.14	101.40	Open To Flow (1)
51	27.69	105.89	Shut-In(1)
96	443.28	108.21	End Shut-In(1)
97	22.70	108.45	Open To Flow (2)
144	40.57	110.54	Shut-In(2)
188	346.94	112.41	End Shut-In(2)
194	2030.18	112.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GMCO 10%G,30%M,60%O	0.63

Gas Rates

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

DRILL STEM TEST REPORT

Blue Goose Drilling Co

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67842

DST#: 3

Test Start: 2022.01.15 @ 18:13:00

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 19:55:02

Time Test Ended: 01:47:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4325.00 ft (KB) To 4352.00 ft (KB) (TVD)

Total Depth: 4352.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.01.15

End Date:

2022.01.16

Start Time: 18:13:01

End Time:

01:47:02

Capacity: psig

Last Calib.:

1899.12.30

Time On Btm:

Time Off Btm:

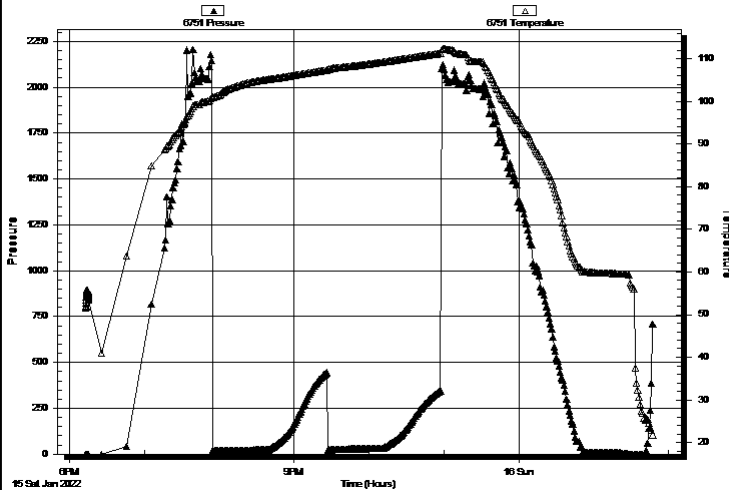
TEST COMMENT: IF: 45 min., strong building blow, 10.8 inches

IS: 45 min., no blow back

FF: 45 min., fair building blow, 8.7 inches

FS: 45 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
45.00	GMCO 10%G,30%M,60%O	0.63

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Goose Drilling Co

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67842

DST#: 3

ATTN: Ken Wallace

Test Start: 2022.01.15 @ 18:13:00

Tool Information

Drill Pipe:	Length:	4323.00 ft	Diameter:	3.80 inches	Volume:	60.64 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	55000.00 lb
					Total Volume:	60.64 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		4325.00 ft					Final	50000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		27.00 ft						
Tool Length:		54.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4303.00	
Hydraulic tool	5.00			4308.00	
Jars	5.00			4313.00	
Safety Joint	3.00			4316.00	
Packer	5.00			4321.00	27.00 Bottom Of Top Packer
Packer	4.00			4325.00	
Stubb	1.00			4326.00	
Perforations	1.00			4327.00	
Recorder	0.00	8672	Inside	4327.00	
Recorder	0.00	6751	Outside	4327.00	
Pickup sub perf	5.00			4332.00	
Perforations	17.00			4349.00	
Bullnose	3.00			4352.00	27.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling Co

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67842

DST#: 3

ATTN: Ken Wallace

Test Start: 2022.01.15 @ 18:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.79 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
45.00	GMCO 10%G,30%M,60%O	0.631

Total Length: 45.00 ft

Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

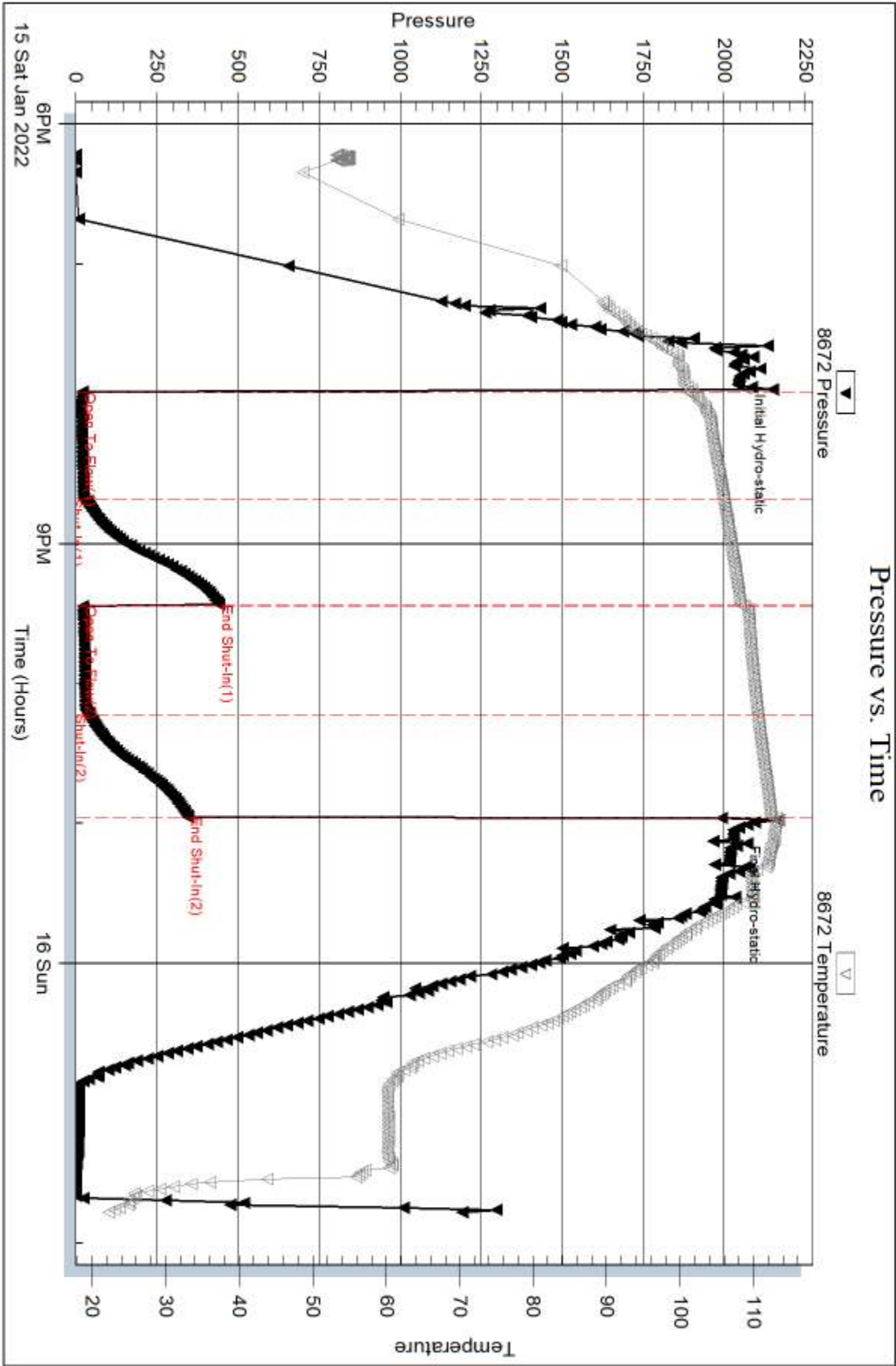
Serial #: 8672

Inside

Blue Goose Drilling Co

Borel | #1

DST Test Number: 3

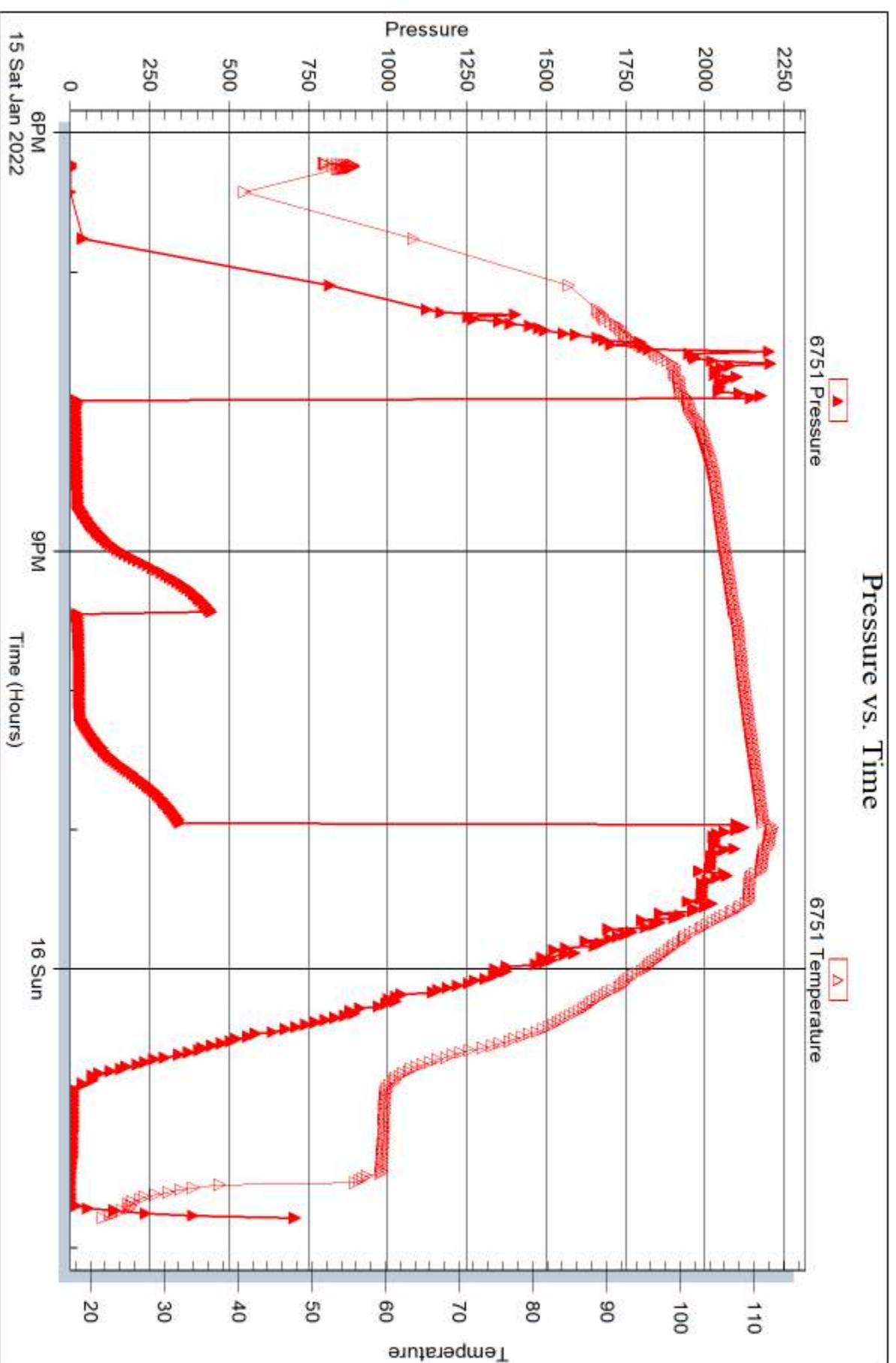


Serial #: 6751

Blue Goose Drilling Co

Borell | #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Blue Goose Drilling CO**

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

Borell I #1

33-17s-27w Lane,KS

Start Date: 2022.01.16 @ 23:50:00

End Date: 2022.01.17 @ 05:38:02

Job Ticket #: 67843 DST #: 4

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

Printed: 2022.01.19 @ 12:32:14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling CO

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67843

DST#: 4

Test Start: 2022.01.16 @ 23:50:00

GENERAL INFORMATION:

Formation: **MM/FS**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 01:36:17

Time Test Ended: 05:38:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4367.00 ft (KB) To 4526.00 ft (KB) (TVD)

Total Depth: 4526.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 66.39 psig @ 4369.00 ft (KB)

Start Date: 2022.01.16

End Date:

2022.01.17

Start Time: 23:50:01

End Time:

05:38:02

Capacity: psig

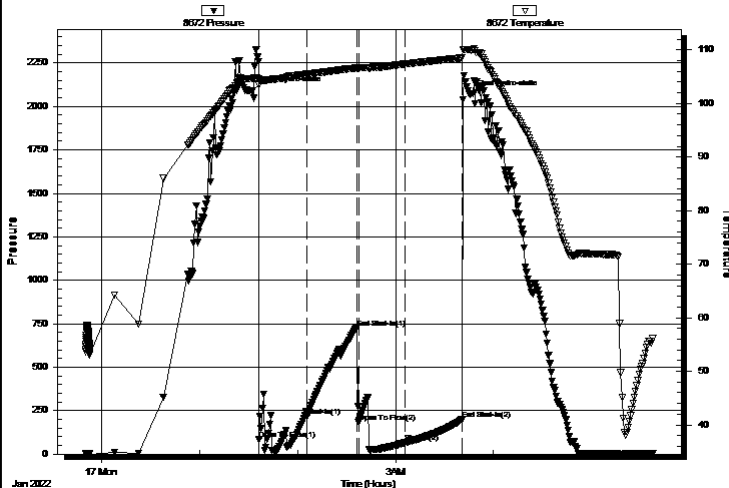
Last Calib.: 2022.01.16

Time On Btm: 2022.01.17 @ 01:32:32

Time Off Btm: 2022.01.17 @ 03:45:32

TEST COMMENT: IF: 30 min., weak surface blow, 1.5 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .6 inches
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.84	104.71	Initial Hydro-static
4	86.87	103.47	Open To Flow (1)
34	218.60	105.48	Shut-In(1)
64	726.52	106.59	End Shut-In(1)
65	183.37	106.62	Open To Flow (2)
94	66.39	107.38	Shut-In(2)
128	198.20	108.54	End Shut-In(2)
133	2065.88	110.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.21

Gas Rates

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

DRILL STEM TEST REPORT

Blue Goose Drilling CO

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67843

DST#: 4

Test Start: 2022.01.16 @ 23:50:00

GENERAL INFORMATION:

Formation: **MM/FS**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 01:36:17

Time Test Ended: 05:38:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4367.00 ft (KB) To 4526.00 ft (KB) (TVD)

Total Depth: 4526.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.01.16

End Date:

2022.01.17

Start Time: 23:50:01

End Time:

05:38:02

Capacity: psig

Last Calib.:

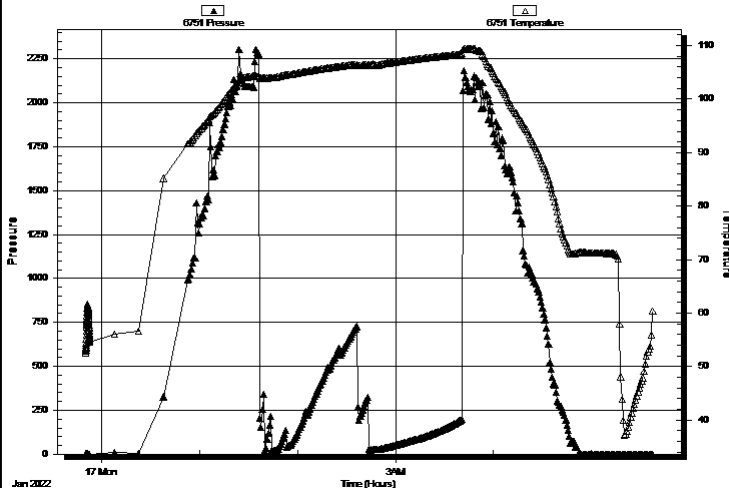
1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, 1.5 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .6 inches
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.21

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Goose Drilling CO

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67843

DST#: 4

ATTN: Ken Wallace

Test Start: 2022.01.16 @ 23:50:00

Tool Information

Drill Pipe:	Length:	4355.00 ft	Diameter:	3.80 inches	Volume:	61.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	61.09 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		15.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		4367.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		159.00 ft						
Tool Length:		186.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00		4345.00	
Hydraulic tool	5.00		4350.00	
Jars	5.00		4355.00	
Safety Joint	3.00		4358.00	
Packer	5.00		4363.00	27.00 Bottom Of Top Packer
Packer	4.00		4367.00	
Stubb	1.00		4368.00	
Perforations	1.00		4369.00	
Recorder	0.00	8672 Inside	4369.00	
Recorder	0.00	6751 Outside	4369.00	
Pickup sub perf	5.00		4374.00	
Perforations	21.00		4395.00	
Change Over Sub	1.00		4396.00	
Drill Pipe	126.00		4522.00	
Change Over Sub	1.00		4523.00	
Bullnose	3.00		4526.00	159.00 Bottom Packers & Anchor
Total Tool Length:	186.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling CO

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67843

DST#: 4

ATTN: Ken Wallace

Test Start: 2022.01.16 @ 23:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 4700.00 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
15.00	100%M	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

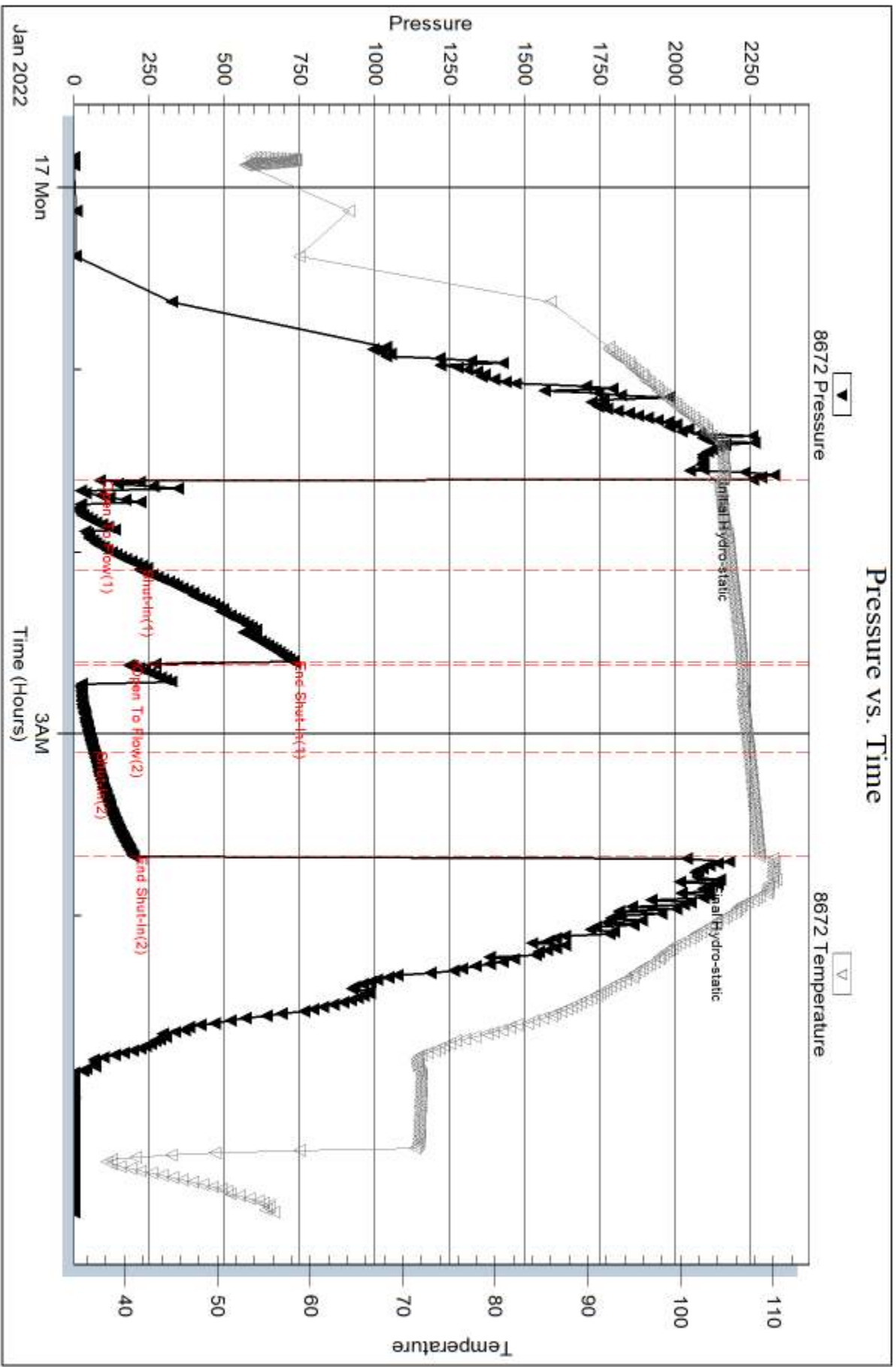
Serial #: 8672

Inside

Blue Goose Drilling CO

Borel | #1

DST Test Number: 4

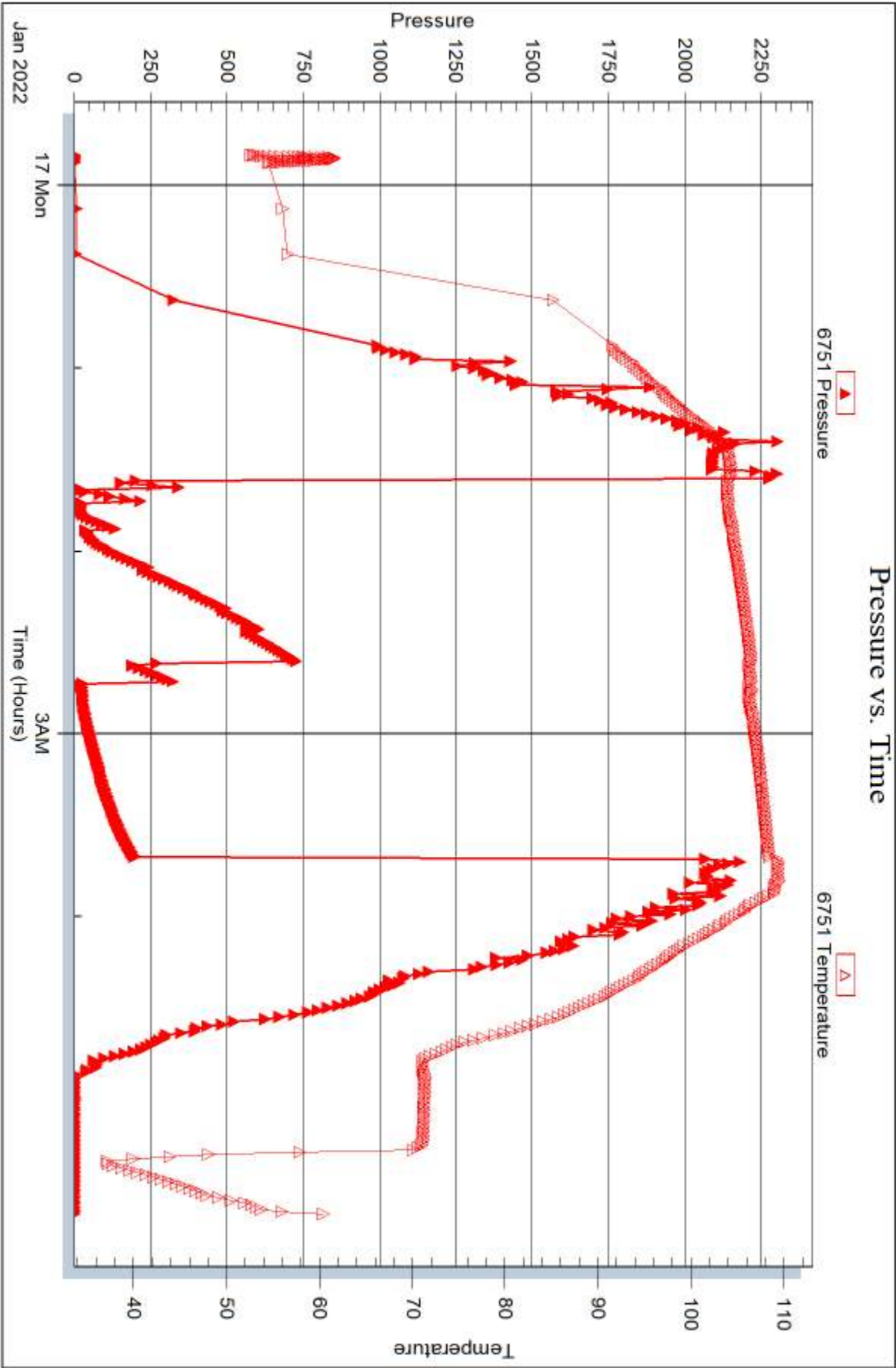


Serial #: 6751

Blue Goose Drilling CO

Borel | #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Blue Goose Drilling CO**

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

Borell I #1

33-17s-27w Lane,KS

Start Date: 2022.01.17 @ 18:12:00

End Date: 2022.01.17 @ 23:44:02

Job Ticket #: 67844 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.01.19 @ 12:25:34



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling CO

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67844

DST#: 5

Test Start: 2022.01.17 @ 18:12:00

GENERAL INFORMATION:

Formation: **Cherokee Sand.**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 20:02:32

Time Test Ended: 23:44:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4548.00 ft (KB) To 4588.00 ft (KB) (TVD)

Total Depth: 4588.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 22.14 psig @ 4550.00 ft (KB)

Start Date: 2022.01.17

End Date:

2022.01.17

Start Time: 18:12:01

End Time:

23:44:02

Capacity: psig

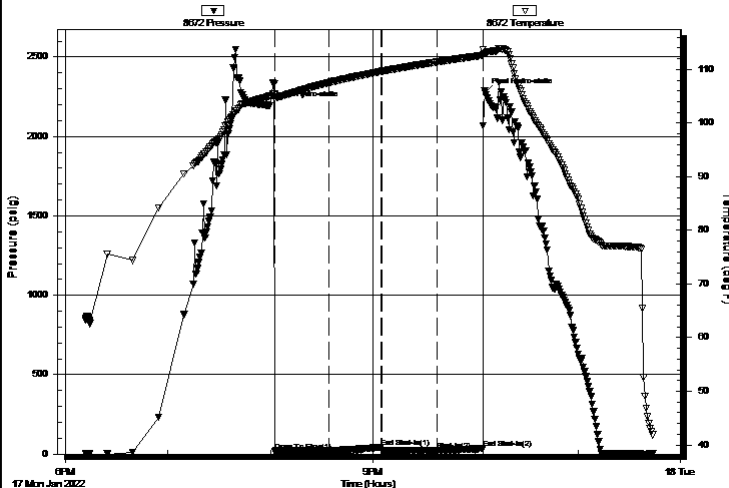
Last Calib.: 1899.12.30

Time On Btm: 2022.01.17 @ 19:59:47

Time Off Btm: 2022.01.17 @ 22:05:32

TEST COMMENT: IF: 30 min., weak surface blow, .25 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, died 3 min.
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.91	105.04	Initial Hydro-static
3	19.87	104.55	Open To Flow (1)
35	20.86	107.51	Shut-In(1)
65	43.61	109.62	End Shut-In(1)
66	21.18	109.65	Open To Flow (2)
98	22.14	111.38	Shut-In(2)
125	35.53	112.67	End Shut-In(2)
126	2276.60	113.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.07

Gas Rates

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

DRILL STEM TEST REPORT

Blue Goose Drilling CO

PO Box 1413
Great Bend, KS 67530

ATTN: Ken Wallace

33-17s-27w Lane, KS

Borell I #1

Job Ticket: 67844

DST#: 5

Test Start: 2022.01.17 @ 18:12:00

GENERAL INFORMATION:

Formation: **Cherokee Sand.**

Deviated: No Whipstock: 2705.00 ft (KB)

Time Tool Opened: 20:02:32

Time Test Ended: 23:44:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4548.00 ft (KB) To 4588.00 ft (KB) (TVD)

Total Depth: 4588.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2705.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.01.17 End Date: 2022.01.17

Start Time: 18:12:01 End Time: 23:44:02

Capacity: psig

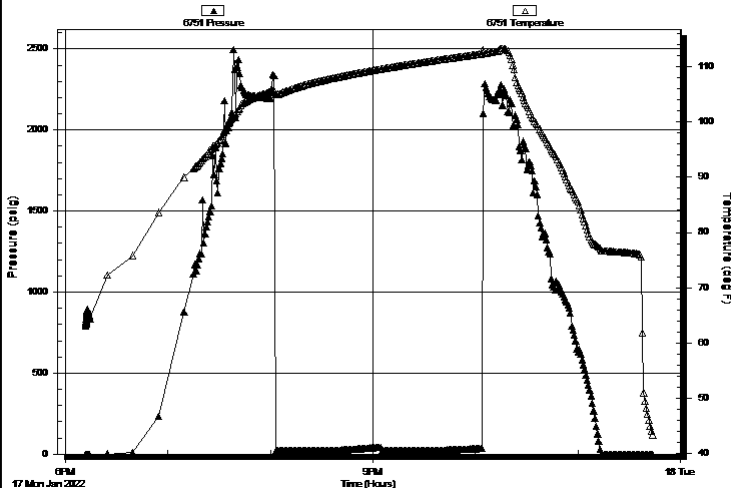
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, .25 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, died 3 min.
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Goose Drilling CO

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67844

DST#: 5

ATTN: Ken Wallace

Test Start: 2022.01.17 @ 18:12:00

Tool Information

Drill Pipe:	Length:	4541.00 ft	Diameter:	3.80 inches	Volume:	63.70 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	63.70 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		4548.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		40.00 ft						
Tool Length:		67.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4526.00	
Hydraulic tool	5.00			4531.00	
Jars	5.00			4536.00	
Safety Joint	3.00			4539.00	
Packer	5.00			4544.00	27.00 Bottom Of Top Packer
Packer	4.00			4548.00	
Stubb	1.00			4549.00	
Perforations	1.00			4550.00	
Recorder	0.00	8672	Inside	4550.00	
Recorder	0.00	6751	Outside	4550.00	
Pickup sub perf	5.00			4555.00	
Perforations	30.00			4585.00	
Bullnose	3.00			4588.00	40.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling CO

33-17s-27w Lane,KS

PO Box 1413
Great Bend, KS 67530

Borell I #1

Job Ticket: 67844

DST#: 5

ATTN: Ken Wallace

Test Start: 2022.01.17 @ 18:12:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 8.39 in³

Resistivity: ohm.m

Salinity: 4800.00 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
5.00	100%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8672

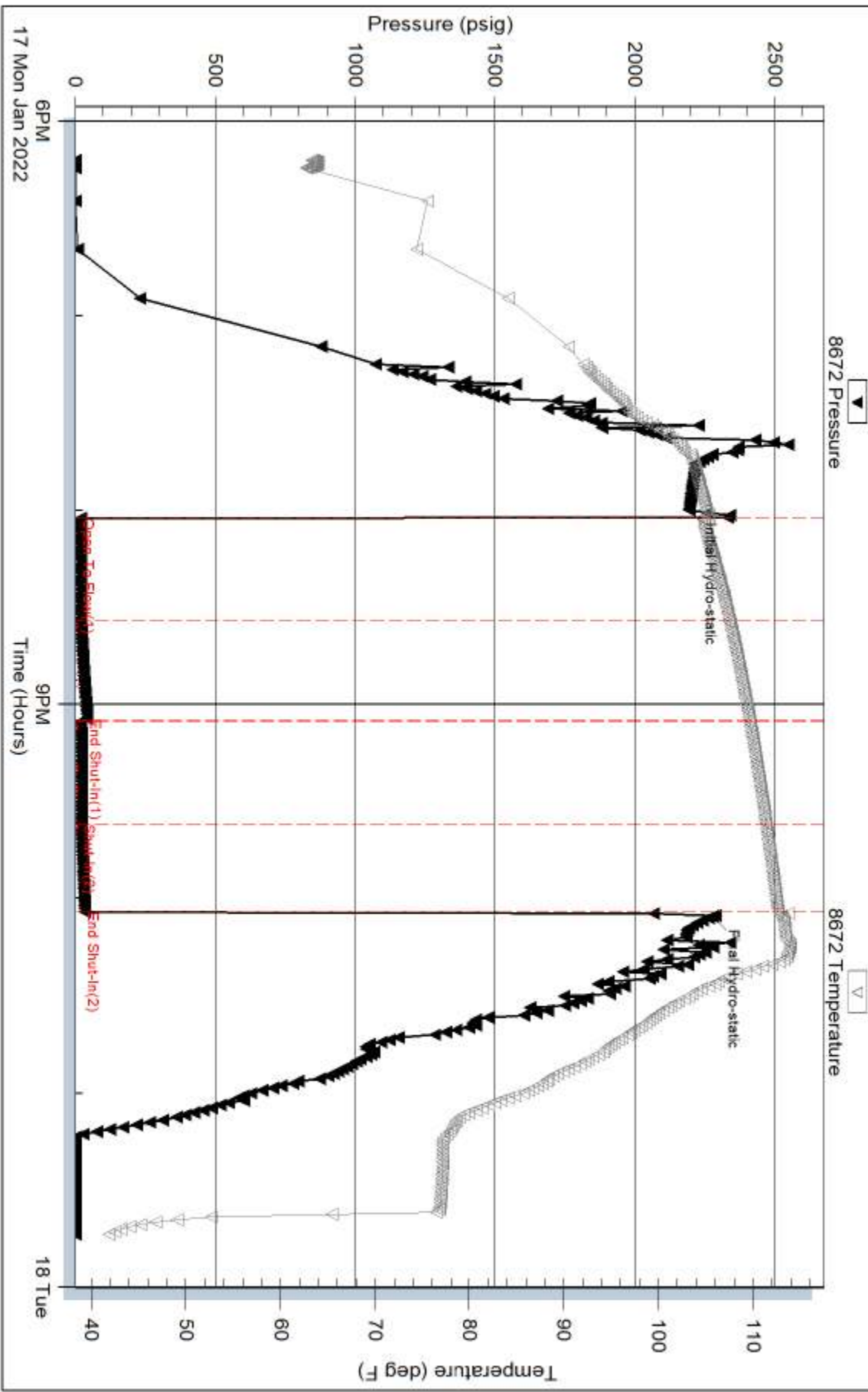
Inside

Blue Goose Drilling CO

Borel | #1

DST Test Number: 5

Pressure vs. Time

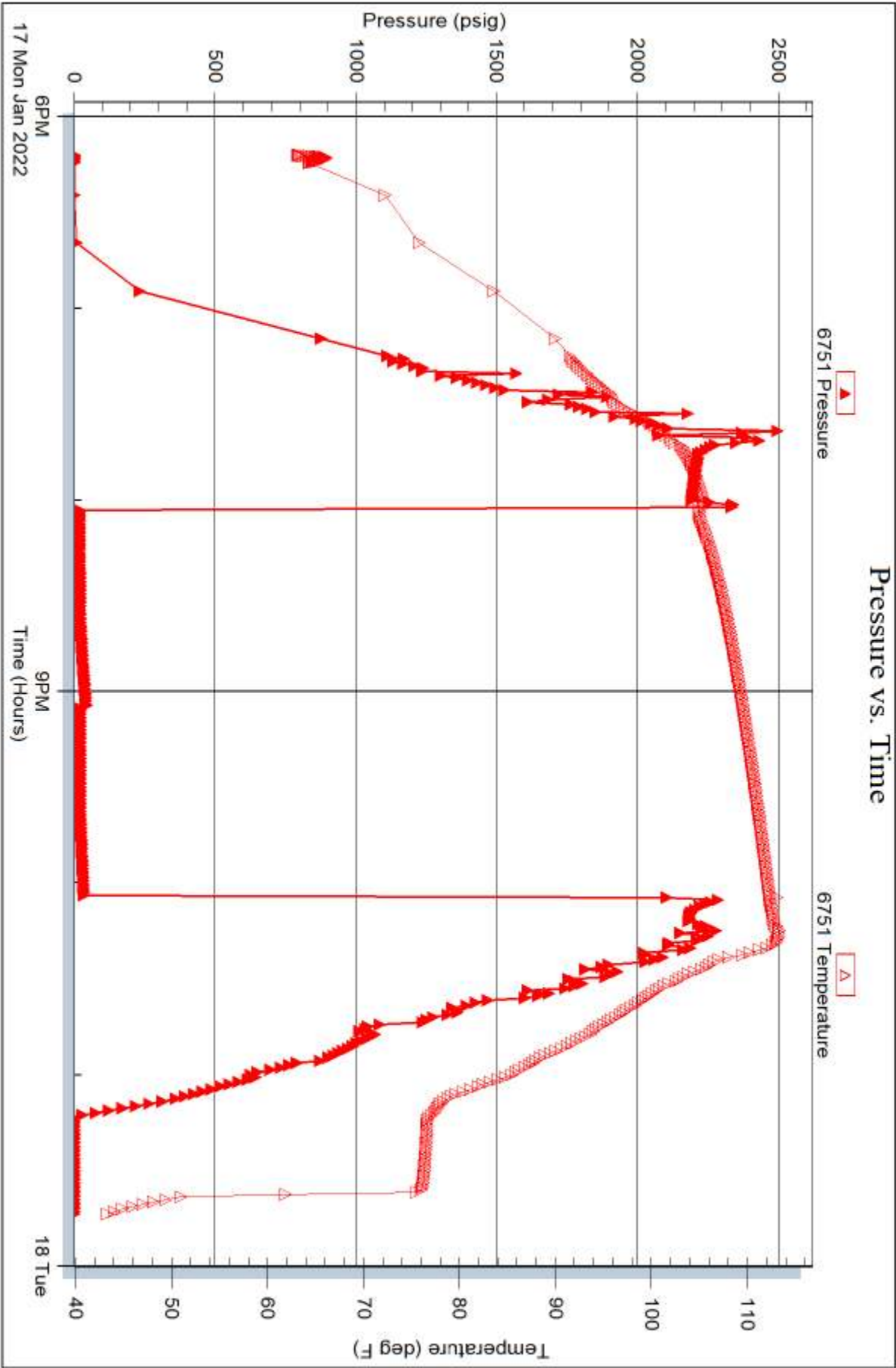


Serial #: 6751

Blue Goose Drilling CO

Borel | #1

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67840**

Well Name & No. Borell 1-1 Test No. 1 Date 1-13-22
 Company Blue Goose Drilling Co Elevation 2705 KB 2695 GL
 Address P.O. Box 1413 Great Bend, KS 67530
 Co. Rep / Geo. Ken Wallace Rig Southwind #8
 Location: Sec. 33 Twp 17 Rge. 27 Co. lane State KS

Interval Tested 4149-4247 Zone Tested KC, J.I, H
 Anchor Length 98' Drill Pipe Run 4131 Mud Wt. 9.1
 Top Packer Depth 4144 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 4149 Wt. Pipe Run N.A. WL 8.8
 Total Depth 4247 Chlorides 3000 ppm System LCM 2#

Blow Description 2F! 30 min, strong building blow, 9.5 inches
15F! 45 min, no blow back
FP! 45 min, strong building blow, 11.8 inches
15F! 45 min, no blow back

Rec <u>189</u>	Feet of <u>oil spotted muddy water</u>	%gas	%oil	<u>60</u> %water	<u>40</u> %mud
Rec <u>126</u>	Feet of <u>oily watery mud</u>	%gas	<u>5</u> %oil	<u>20</u> %water	<u>75</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 315' BHT 115 Gravity _____ API RW .288 @ 53 °F Chlorides 31,000 ppm

(A) Initial Hydrostatic 2040 ☒ Test conv. 1450 T-On Location 2000
 (B) First Initial Flow 46 ☒ Jars 250 T-Started 2105
 (C) First Final Flow 101 ☒ Safety Joint 75 T-Open 2310
 (D) Initial Shut-In 805 ☐ Circ Sub 0155 T-Pulled 0500
 (E) Second Initial Flow 105 ☐ Hourly Standby 100 T-Out 0500
 (F) Second Final Flow 163 ☒ Mileage x80 100 Comments bats on @ 2103
 (G) Final Shut-In 610 ☐ Sampler _____
 (H) Final Hydrostatic 1963 ☐ Straddle _____

Initial Open 30 ☐ Shale Packer _____ ☐ EM Tool _____
 Initial Shut-In 45 ☐ Extra Packer _____ ☐ Ruined Shale Packer _____
 Final Flow 45 ☐ Extra Recorder _____ ☐ Ruined Packer _____
 Final Shut-In 45 ☐ Day Standby _____ ☐ Extra Copies _____
 Sub Total 1875 ☐ Accessibility _____ Sub Total 0
 Sub Total 1875 MP/DST Disc't _____ Total 1875

Approved By _____

Our Representative _____

Triobite 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.

785-656-3947



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67841

Well Name & No. Borell I-1 Test No. 2 Date 1-14-72
Company Blue Goose Drilling Co. Elevation 2705 KB 2695 GL
Address P.O. Box 1413 Great Bend, KS 67530
Co. Rep / Geo. Ken Wallace Rig Southwind #8
Location: Sec. 33 Twp 17 Rge. 27 Co. Lane State KS

Interval Tested 4287-4326 Zone Tested LKC L
Anchor Length 39' Drill Pipe Run 4285 Mud Wt. 9.1
Top Packer Depth 4282 Drill Collars Run 0 Vis 50
Bottom Packer Depth 4287 Wt. Pipe Run N.A. WL 7.2
Total Depth 4326 Chlorides 3200 ppm System LCM 2#

Blow Description IF: 30 min. BOB 5 min. strong building blow 61 inches
TS: 45 min. No blow back
FP: 30 min. BOB 10 min. strong building blow 26 inches
PS: 45 min. No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>880</u>	<u>gassy water</u>	<u>5</u>	<u>95</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 880 BHT 125 Gravity 1.367 @ 62 °F Chlorides 22,000 ppm

(A) Initial Hydrostatic	(B) First Initial Flow	(C) First Final Flow	(D) Initial Shut-In	(E) Second Initial Flow	(F) Second Final Flow	(G) Final Shut-In	(H) Final Hydrostatic
<u>2038</u>	<u>72</u>	<u>303</u>	<u>485</u>	<u>307</u>	<u>427</u>	<u>486</u>	<u>2022</u>

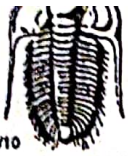
Test	Jars	Safety Joint	Circ Sub	Hourly Standby	Mileage	Sampler	Straddle	Shale Packer	Extra Packer	Extra Recorder	Day Standby	Accessibility
☒ <u>CONV.</u>	<u>250</u>	<u>75</u>	☐	☐	<u>100</u>	☐	☐	☐	☐	☐	☐	☐

T-On Location	T-Started	T-Open	T-Pulled	T-Out	Comments
<u>1845</u>	<u>1915</u>	<u>2105</u>	<u>2335</u>	<u>0400</u>	<u>but one 1911</u>

Initial Open	Initial Shut-In	Final Flow	Final Shut-In
<u>30</u>	<u>45</u>	<u>30</u>	<u>45</u>

Sub Total	Total	MP/DST Disc't
<u>1875</u>	<u>1875</u>	

Approved By _____ Our Representative Chris Hagan
Tribolite Testing Inc. shall not be liable for damaged or destroyed 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **67842**

Well Name & No. Borell I-1 Test No. 3 Date 1-15-22
Company Blue Croose Drilling, CO Elevation 2705 KB 2695 GL
Address P.O. Box 1413 Great Bend, KS 67530
Co. Rep / Geo. Ken Wallace Rig Southwind #8
Location: Sec. 33 Twp 17 Rge. 27 Co. Lane State KS

Interval Tested 4325-4352 Zone Tested Pleasanton
Anchor Length 27' Drill Pipe Run 4323 Mud Wt. 9.1
Top Packer Depth 4320 Drill Collars Run 0 Vis 57
Bottom Packer Depth 4325 Wt. Pipe Run N.A. WL 7.8
Total Depth 4352 Chlorides 3500 ppm System LCM 1.22

Blow Description IF: 45 min., strong building blow, 10.8 inches
IS: 45 min., No blow back
EP: 45 min., fair building blow, 8.7 inches
FS: 45 min., No blow back

Rec <u>45</u>	Feet of <u>gassy muddy oil</u>	<u>10</u> %gas	<u>60</u> %oil	%water	<u>30</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 45 BHT 111 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2045</u>	☒ Test <u>conv.</u> 1450	T-On Location <u>1745</u>
(B) First Initial Flow <u>21</u>	☒ Jars <u>250</u>	T-Started <u>1815</u>
(C) First Final Flow <u>28</u>	☒ Safety Joint <u>75</u>	T-Open <u>1955</u>
(D) Initial Shut-In <u>443</u>	☐ Circ Sub	T-Pulled <u>2255</u>
(E) Second Initial Flow <u>23</u>	☐ Hourly Standby	T-Out <u>0130</u>
(F) Second Final Flow <u>41</u>	☒ Mileage <u>250</u> 100	Comments <u>6-25 and 1812</u>
(G) Final Shut-In <u>347</u>	☐ Sampler	
(H) Final Hydrostatic <u>2030</u>	☐ Straddle	

Initial Open <u>45</u>	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In <u>45</u>	☐ Extra Recorder	☐ Extra Copies
Final Flow <u>45</u>	☐ Day Standby	Sub Total <u>0</u>
Final Shut-In <u>45</u>	☐ Accessibility	Total <u>1875</u>
	Sub Total <u>1875</u>	MP/DST Disc't

Approved By _____

Our Representative Chris Hagman

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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67843

Well Name & No. Borell 1-1 Test No. 4 Date 1-16-22
Company Blue Goose Drilling CO Elevation 2705 KB 2695 GL
Address P.O. Box 1413 Great Bend, KS 67530
Co. Rep / Geo. Ken Wallace Rig Southwind 8
Location: Sec. 33 Twp 17 Rge. 27 Co. Law State KS

Interval Tested 4367-4526 Zone Tested Mn/FS
Anchor Length 159' Drill Pipe Run 4355 Mud Wt. 9.1
Top Packer Depth 4362 Drill Collars Run 0 Vis 54
Bottom Packer Depth ~~4362~~ 4367 Wt. Pipe Run N.A. WL 8.0
Total Depth 4526 Chlorides 4700 ppm System LCM 2#

Blow Description IF: 30 min, weak surface blow, 1.5 inches
IS: 30 min, no blow back
FF: 30 min, weak surface blow, .6 inches
FS: 30 min, no blow back

Rec	Feet of	%gas	%oil	%water	
<u>15</u>	<u>mud</u>				<u>100% mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2090</u>	☒ Test <u>conv.</u> 1450	T-On Location <u>2330</u>
(B) First Initial Flow <u>87</u>	☒ Jars <u>250</u>	T-Started <u>2355</u>
(C) First Final Flow <u>219</u>	☒ Safety Joint <u>75</u>	T-Open <u>0135</u>
(D) Initial Shut-In <u>727</u>	☐ Circ Sub _____	T-Pulled <u>0335</u>
(E) Second Initial Flow <u>183</u>	☐ Hourly Standby _____	T-Out _____
(F) Second Final Flow <u>66</u>	☒ Mileage <u>250</u> 100	Comments <u>lots on R 2350</u>
(G) Final Shut-In <u>198</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>2066</u>	☐ Straddle _____	

Initial Open <u>30</u>	☐ Extra Packer _____	☐ EM Tool _____
Initial Shut-In <u>30</u>	☐ Extra Recorder _____	☐ Ruined Shale Packer _____
Final Flow <u>30</u>	☐ Day Standby _____	☐ Ruined Packer _____
Final Shut-In <u>30</u>	☐ Accessibility _____	☐ Extra Copies _____
	Sub Total <u>1875</u>	Sub Total <u>0</u>
		Total <u>1875</u>
		MP/DST Disc't _____

Approved By _____ Our Representative Chris Hagen
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.

**TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

NO. 67844

Well Name & No. Borell I-1 Test No. S Date 1-17-82
Company Blue Goose Drilling Co Elevation 2705 KB 2695 GL
Address P.O. Box 1413 Great Bend, KS 67530
Co. Rep / Geo. Ken Wallace Rig Southwind #8
Location: Sec. 33 Twp 17 Rge. 27 Co. Lane State KS

Interval Tested 4548-4588 Zone Tested ck Snd.
Anchor Length 40 Drill Pipe Run 4541 Mud Wt. 9.2
Top Packer Depth 4543 Drill Collars Run Ø Vis 57
Bottom Packer Depth 4543 Wt. Pipe Run N.A. WL 8.4
Total Depth 4588 Chlorides 4,800 ppm System LCM 2#

Blow Description 2F: 30 min., weak surface blow, .25 inches
1st: 30 min., no blow back
PF: 30 min., weak surface blow, died 3 min.
FS: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>S</u>	<u>1008.7</u>				<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total S BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2194</u>	☒ Test <u>conv.</u> 1450	T-On Location <u>1715</u>
(B) First Initial Flow <u>20</u>	☒ Jars <u>250</u>	T-Started <u>1800</u>
(C) First Final Flow <u>21</u>	☒ Safety Joint <u>75</u>	T-Open <u>2000</u>
(D) Initial Shut-In <u>44</u>	☐ Circ Sub _____	T-Pulled <u>2200</u>
(E) Second Initial Flow <u>21</u>	☐ Hourly Standby _____	T-Out <u>2330</u>
(F) Second Final Flow <u>22</u>	☒ Mileage <u>x 50</u> 200	Comments <u>bats on @</u>
(G) Final Shut-In <u>34</u>	☐ Sampler _____	<u>loaded tools 1/18 19:00</u>
(H) Final Hydrostatic <u>2277</u>	☐ Straddle _____	

Initial Open <u>30</u>	☐ Shale Packer _____	☐ EM Tool _____
Initial Shut-In <u>30</u>	☐ Extra Packer _____	☐ Ruined Shale Packer _____
Final Flow <u>30</u>	☐ Extra Recorder _____	☐ Ruined Packer _____
Final Shut-In <u>30</u>	☐ Day Standby _____	☐ Extra Copies _____
	☐ Accessibility _____	Sub Total <u>0</u>
	Sub Total <u>1975</u>	Total <u>1975</u>
		MP/DST Disc't _____

Approved By _____ Our Representative Chris Hagen

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.

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

FOREMAN Reston D.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-8-27		Borell 1 & 1	33	17	27	Lane

CUSTOMER	MAILING ADDRESS	CITY	STATE	ZIP CODE
Blue Cross Drilling Co. Inc.				

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Preston D		
	Jace M.		

REMARKS: Safety meeting + Mig up on Southwind #8. Run 4pts of 8^{5/8"} 23⁴. Circulate hole mix 170 sacks class A 3³/₄ CC + 2⁶/₄ gal. Displace w/ 15¹/₄ Bk water. cement did circulate.

Thank you!

Preston & Crew

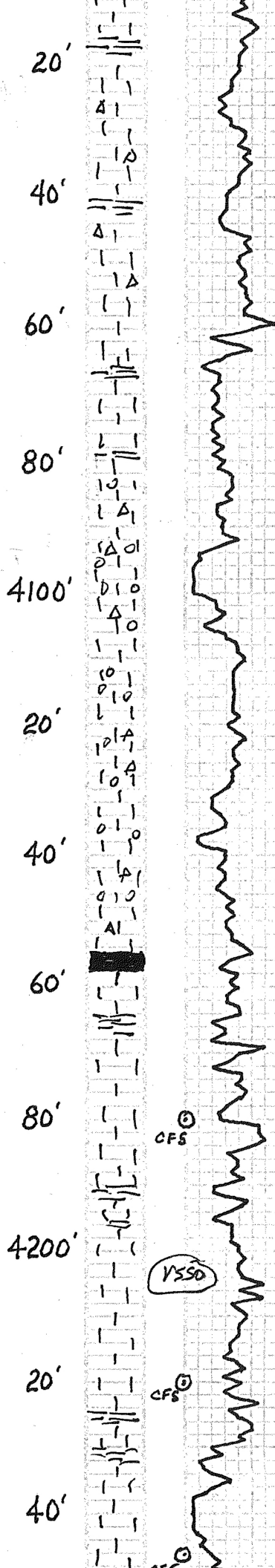
AUTHORIZATION Way Robert

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.

00:50	4	13	1	300	1st plug ^{2100'} 500' H₂O , 50 SK cmf, 200' H₂O , 20 BBL rig mud
00:55		22	1	300	displace 2 BBL H ₂ O, + 20 BBL rig mud
01:00					unhook pull to 1260'
01:45	4	21	1	100	2nd plug at 1260' 80 SK cmf
01:55	4	10	1	100	displace 2 BBL H ₂ O + 8 BBL rig mud
02:00					unhook pull to 620'
02:20	4	13	1	100	3rd plug at 620' 50 SKS cmf
02:30	4	4	1	100	displace 4 BBL water
02:40					unhook + pull to 300'
02:45		13	1	100	4th plug at 300' 50 SK cmf
02:55		2	1	100	displace 2 BBL H ₂ O
03:15	3.5	5	1	100	5th plug 20 SKS cmf
03:30					RH 30 SK MH 20 SK
03:45					wash truck
04:00					Job complete
					Thanks Preston, Kirby, Isaac
					Total 300 SKS 60/40 poz 4% gel



sh, gy, red

ls, tan, dse, cky, Δ

ls, gy, dse, org/wh/tan
Δ

ls, off wh, gy cky

ls, tan, ool, gcl oac φ,
ool Δ

AA, foss

sh, 6l

sh, gy, red

ls, tan, gy, dse, sl foss, sl Δ
NS
15" AA
30" ls, gy, dse-cky, NS

sh, gy, tan, tr maroon

ls, tan, gy, dse, VSSFO,
on tw pcs, p Vgφ

ls, tan, gy, dse, dls

15" AA
30" ls, mdgy, dse-cky, NS
sh, gy, sm maroon

ls, mdgy-tan, ool, foss

15" ls, off wh, sm tan gy,
ool, sl foss, sm oac φ, NS

DST #1
4149-4247
30-45-30-45
Rec: 189' dspt
MW, 126' GWM
F.P.: 46/101-105/163 #
SIPs: 885-610 #

stark sh