

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	CD COMM. 1-27
Doc ID	1711893

Tops

Name	Top	Datum
Andydrite	2497	+481
Heebner	3978	-1000
Lansing	4024	-1046
Muncie Creek	4160	-1182
Stark Shale	4245	-1267
Hushpuckney	4280	-1302
Pawnee	4438	-1460
Johnson	4591	-1613
Mississippian	4625	-1647

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	CD COMM. 1-27
Doc ID	1711893

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4488	4491			250 gal 15% MCA
4	4387	4393			250 gal 15% MCA
4	4174	4176			
4	4146	4148			250 gal 15% MCA
4	4122	4132			250 gal 15% MCA
4	4094	4098			250 gal 15% MCA
4	4080	4083			250 gal 15% MCA
4	4026	4036			250 gal 15% MCA; squeeze w/ 40 sx class A
4	4009	4016			

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	CD COMM. 1-27
Doc ID	1711893

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	224	Class A	170	2% gel, 3% cc
Production	7.875	5.5	15.5	4561	EA-2	170	5% Calseal, 10% salt, 1% Halad 322, 7#/sx Gilsonite & 1/8#/sx Floseal



DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co**

202 W Main St
Salem IL 62881

ATTN: Kent Matson

CD Comm #1-27

27-11s-31w Gove,KS

Start Date: 2023.01.17 @ 05:02:42

End Date: 2023.01.17 @ 11:04:42

Job Ticket #: 70284 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.01.24 @ 10:22:40



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70284

DST#: 1

ATTN: Kent Matson

Test Start: 2023.01.17 @ 05:02:42

GENERAL INFORMATION:

Formation: **LeCompton - Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:12:42

Time Test Ended: 11:04:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 3820.00 ft (KB) To 3870.00 ft (KB) (TVD)

Reference Elevations: 2916.00 ft (KB)

Total Depth: 3870.00 ft (KB) (TVD)

2905.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 215.03 psig @ 3821.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.01.17

End Date:

2023.01.17

Last Calib.:

2023.01.17

Start Time: 05:02:47

End Time:

11:04:41

Time On Btm:

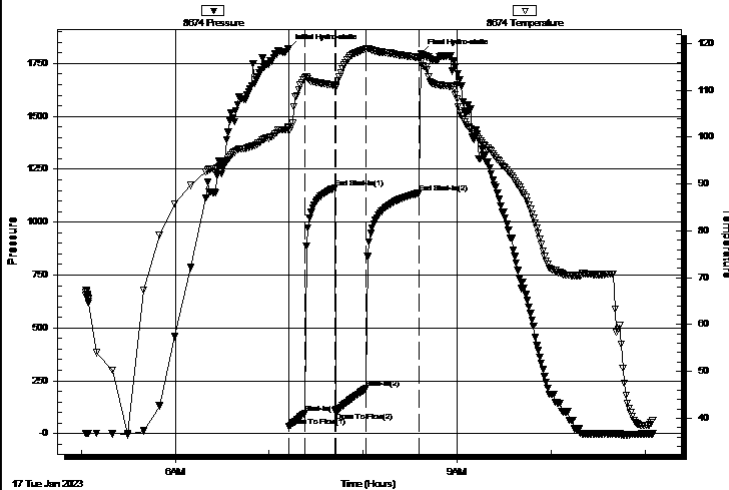
2023.01.17 @ 07:12:12

Time Off Btm:

2023.01.17 @ 08:36:42

TEST COMMENT: BOB 6 1/2 mins 16"
No return.
BOB in 7 min. 35"
No return 10-20-20-40

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1818.72	102.12	Initial Hydro-static
1	36.41	101.31	Open To Flow (1)
11	97.68	112.65	Shut-In(1)
30	1160.94	111.07	End Shut-In(1)
30	103.49	110.64	Open To Flow (2)
50	215.03	118.82	Shut-In(2)
84	1137.73	117.01	End Shut-In(2)
85	1797.03	116.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mcw 90%w 10%m	4.42
73.00	mud 100%m	1.02

Gas Rates

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

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70284

DST#: 1

ATTN: Kent Matson

Test Start: 2023.01.17 @ 05:02:42

GENERAL INFORMATION:

Formation: **LeCompton - Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:12:42

Time Test Ended: 11:04:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 3820.00 ft (KB) To 3870.00 ft (KB) (TVD)

Total Depth: 3870.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 3821.00 ft (KB)

Start Date: 2023.01.17

End Date:

2023.01.17

Start Time: 05:02:36

End Time:

11:04:30

Capacity: 8000.00 psig

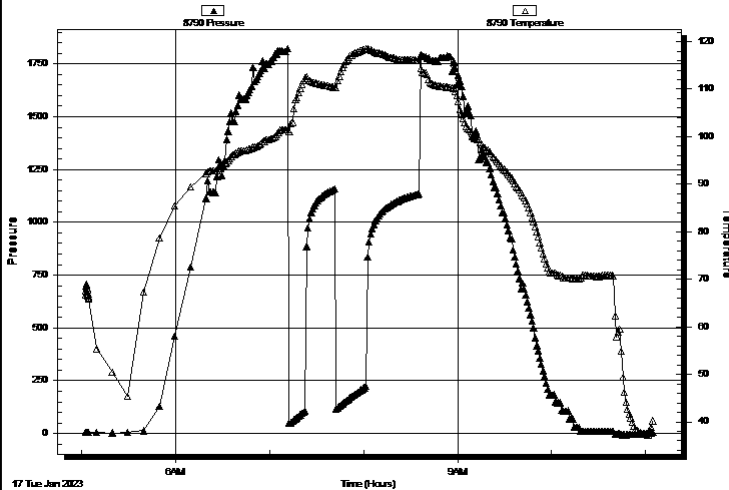
Last Calib.: 2023.01.17

Time On Btm:

Time Off Btm:

TEST COMMENT: BOB 6 1/2 mins 16"
No return.
BOB in 7 min. 35"
No return 10-20-20-40

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
315.00	mcw 90%w 10%m	4.42
73.00	mud 100%m	1.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70284

DST#: 1

ATTN: Kent Matson

Test Start: 2023.01.17 @ 05:02:42

Tool Information

Drill Pipe:	Length:	3809.00 ft	Diameter:	3.80 inches	Volume:	53.43 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:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	53.43 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		3820.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		50.00 ft						
Tool Length:		79.00 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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Stubb	1.00		Fluid	3792.00	
Shut In Tool	5.00			3797.00	
Hydraulic tool	5.00			3802.00	
Jars	5.00			3807.00	
EM Tool	2.00			3809.00	
Safety Joint	2.00			3811.00	
Packer	5.00			3816.00	29.00 Bottom Of Top Packer
Packer	4.00			3820.00	
Stubb	1.00			3821.00	
Recorder	0.00	8790	Inside	3821.00	
Recorder	0.00	8674	Outside	3821.00	
Perforations	13.00			3834.00	
Change Over Sub	1.00			3835.00	
Drill Pipe	31.00			3866.00	
Change Over Sub	1.00			3867.00	
Bullnose	3.00			3870.00	50.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70284

DST#: 1

ATTN: Kent Matson

Test Start: 2023.01.17 @ 05:02:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 6.79 in³

Resistivity: 0.00 ohm.m

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

80000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	mcw 90%w 10%m	4.419
73.00	mud 100%m	1.024

Total Length: 388.00 ft

Total Volume: 5.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .26@26=80000

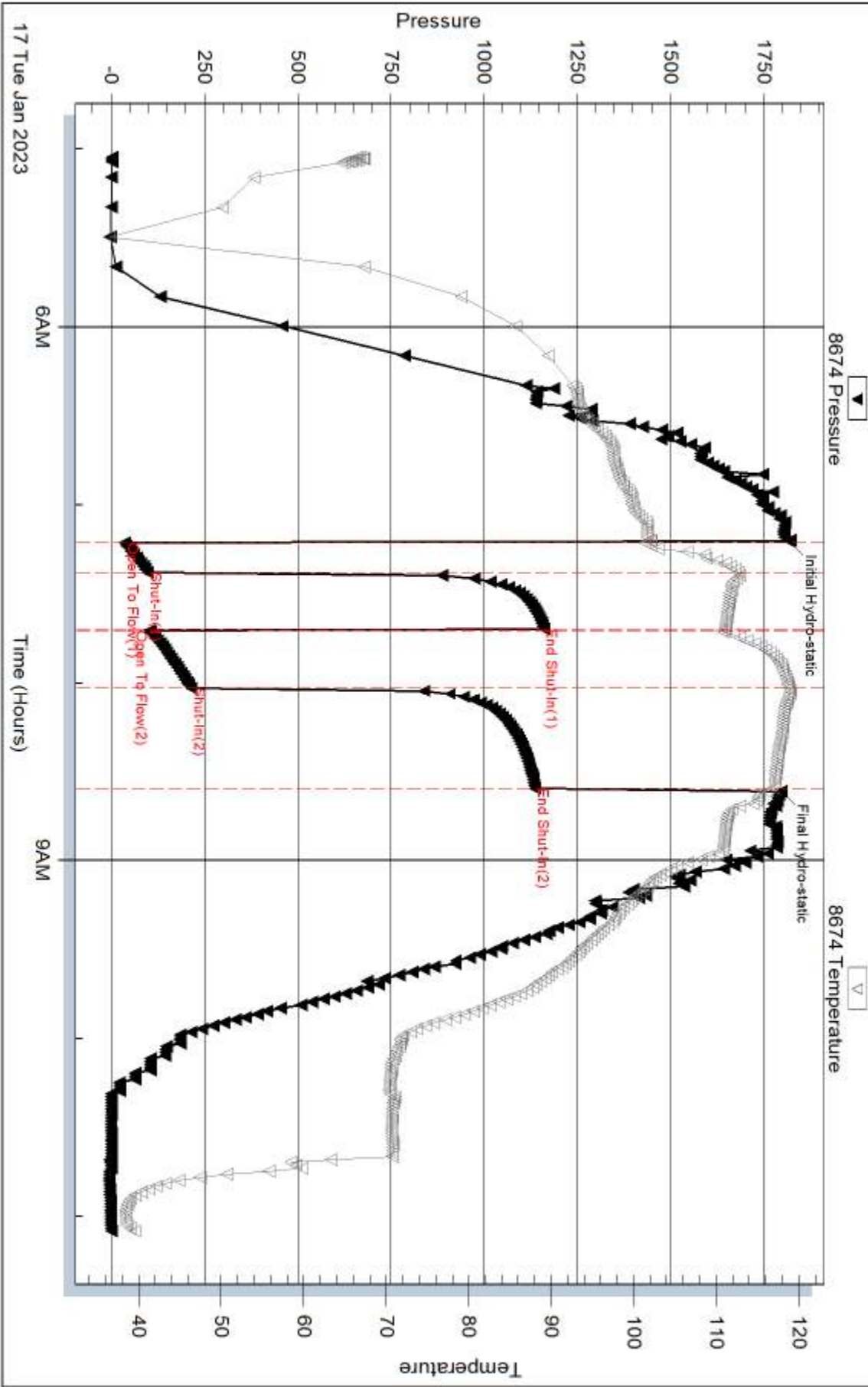
Serial #: 8674

Outside Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 1

Pressure vs. Time



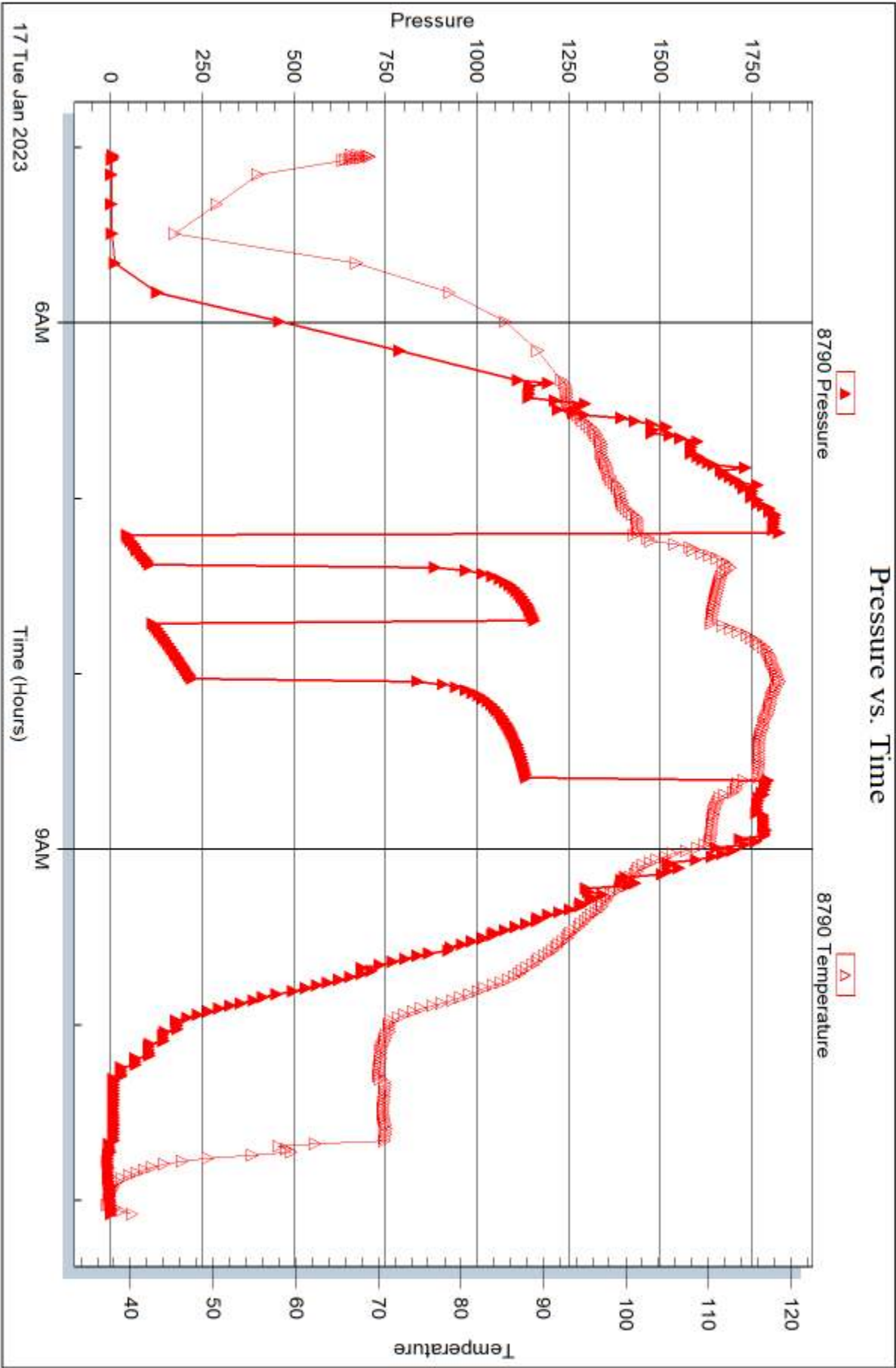
Serial #: 8790

Inside

Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co**

202 W Main St
Salem IL 62881

ATTN: Kent Matson

CD Comm #1-27

27-11s-31w Gove,KS

Start Date: 2023.01.17 @ 20:30:15

End Date: 2023.01.18 @ 01:42:15

Job Ticket #: 70285 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.01.24 @ 10:22:13



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70285

DST#: 2

ATTN: Kent Matson

Test Start: 2023.01.17 @ 20:30:15

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:15

Time Test Ended: 01:42:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3900.00 ft (KB) To 3930.00 ft (KB) (TVD)

Total Depth: 3930.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 256.84 psig @ 3901.00 ft (KB)

Start Date: 2023.01.17

End Date:

2023.01.18

Start Time: 20:30:20

End Time:

01:42:14

Capacity: 8000.00 psig

Last Calib.: 2023.01.18

Time On Btm: 2023.01.17 @ 22:42:45

Time Off Btm: 2023.01.17 @ 23:29:15

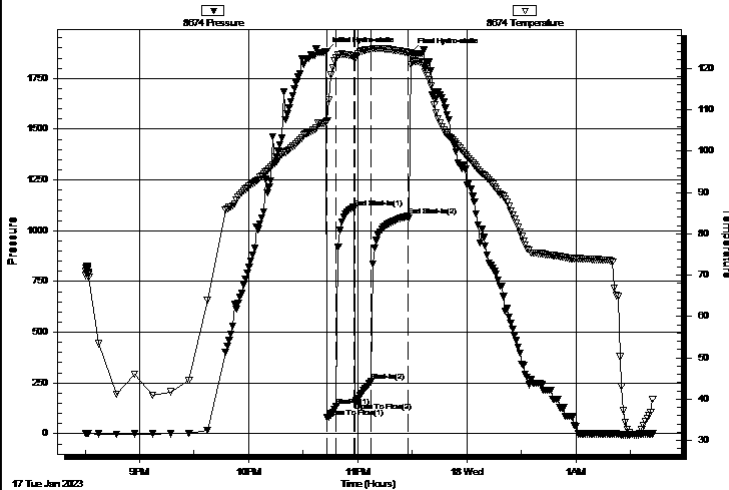
TEST COMMENT: BOB in 2 1/2 min . 22"

No return.

BOB in 3 min 31"

No return. 5-10-10-20

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.23	107.07	Initial Hydro-static
1	82.44	107.27	Open To Flow (1)
6	134.94	122.66	Shut-In(1)
15	1110.67	122.95	End Shut-In(1)
16	154.33	122.10	Open To Flow (2)
25	256.84	124.57	Shut-In(2)
45	1071.84	123.86	End Shut-In(2)
47	1875.13	120.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mcw 80%w 20%m	4.42
189.00	gocw m 10%g 10%o 40%w 40%m	2.65
5.00	mco 80%o 20%m	0.07

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

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70285

DST#: 2

ATTN: Kent Matson

Test Start: 2023.01.17 @ 20:30:15

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:43:15

Time Test Ended: 01:42:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3900.00 ft (KB) To 3930.00 ft (KB) (TVD)

Total Depth: 3930.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 3901.00 ft (KB)

Start Date: 2023.01.17

End Date:

2023.01.18

Start Time: 20:30:33

End Time:

01:41:57

Capacity: 8000.00 psig

Last Calib.: 2023.01.18

Time On Btm:

Time Off Btm:

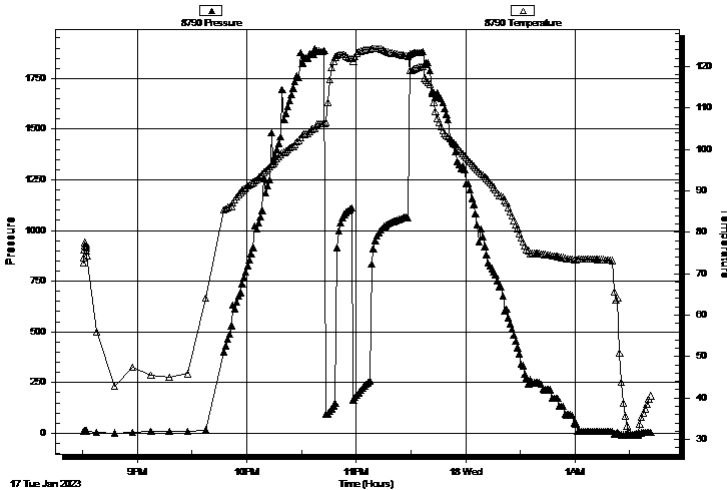
TEST COMMENT: BOB in 2 1/2 min . 22"

No return.

BOB in 3 min 31"

No return. 5-10-10-20

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
315.00	mcw 80%w 20%m	4.42
189.00	gocw m 10%g 10%o 40%w 40%m	2.65
5.00	mco 80%o 20%m	0.07

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

TOOL DIAGRAM

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70285

DST#: 2

ATTN: Kent Matson

Test Start: 2023.01.17 @ 20:30:15

Tool Information

Drill Pipe:	Length:	3901.00 ft	Diameter:	3.80 inches	Volume:	54.72 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:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	54.72 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight: Initial	55000.00 lb
Depth to Top Packer:		3900.00 ft					Final	57000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		59.00 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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Stubb	1.00		Fluid	3872.00	
Shut In Tool	5.00			3877.00	
Hydraulic tool	5.00			3882.00	
Jars	5.00			3887.00	
EM Tool	2.00			3889.00	
Safety Joint	2.00			3891.00	
Packer	5.00			3896.00	29.00 Bottom Of Top Packer
Packer	4.00			3900.00	
Stubb	1.00			3901.00	
Recorder	0.00	8790	Inside	3901.00	
Recorder	0.00	8674	Outside	3901.00	
Perforations	26.00			3927.00	
Bullnose	3.00			3930.00	30.00 Bottom Packers & Anchor

Total Tool Length: 59.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70285

DST#: 2

ATTN: Kent Matson

Test Start: 2023.01.17 @ 20:30:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.19 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

98000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	mcw 80%w 20%m	4.419
189.00	gocw m 10%g 10%o 40%w 40%m	2.651
5.00	mco 80%o 20%m	0.070

Total Length: 509.00 ft

Total Volume: 7.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .21@27=98000

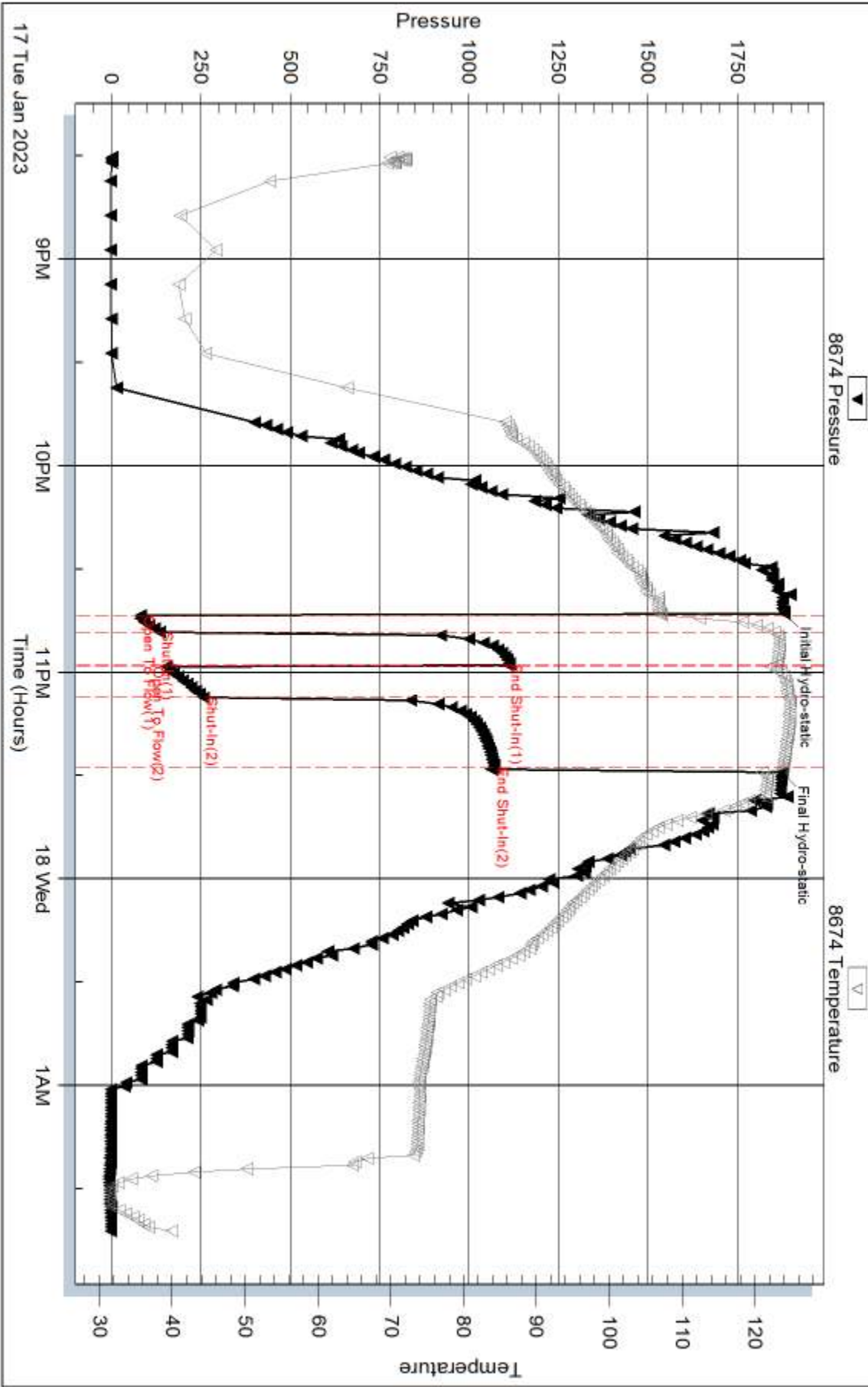
Serial #: 8674

Outside Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 2

Pressure vs. Time



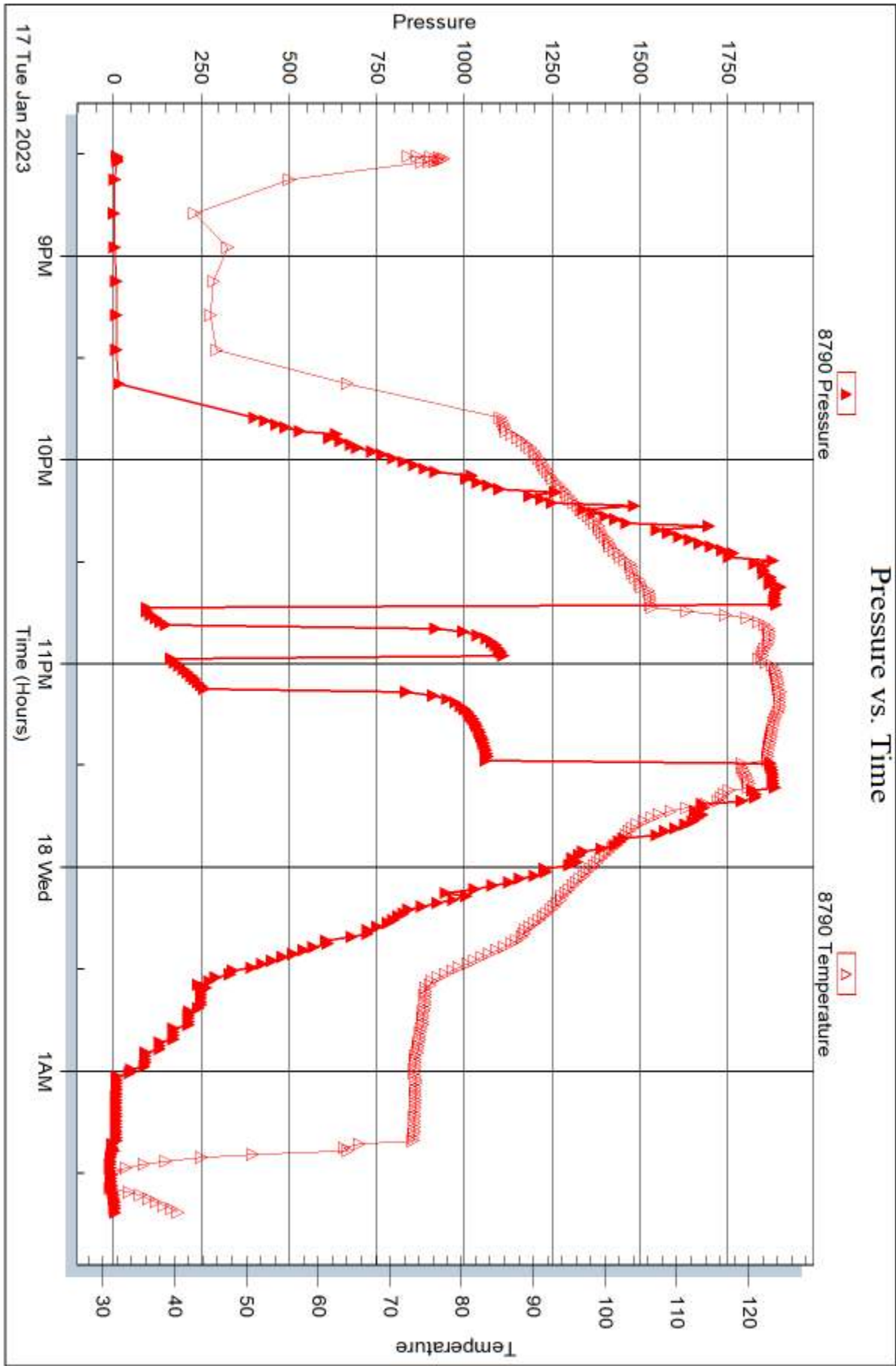
Serial #: 8790

Inside

Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co**

202 W Main St
Salem IL 62881

ATTN: Kent Matson

CD Comm #1-27

27-11s-31w Gove,KS

Start Date: 2023.01.18 @ 12:29:22

End Date: 2023.01.18 @ 19:03:22

Job Ticket #: 70286 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.01.24 @ 10:21:48



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70286

DST#: 3

ATTN: Kent Matson

Test Start: 2023.01.18 @ 12:29:22

GENERAL INFORMATION:

Formation: **LKC A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:31:52

Time Test Ended: 19:03:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3930.00 ft (KB) To 3980.00 ft (KB) (TVD)

Total Depth: 3980.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 216.33 psig @ 3931.00 ft (KB)

Start Date: 2023.01.18

End Date:

2023.01.18

Start Time: 12:29:27

End Time:

19:03:21

Capacity: 8000.00 psig

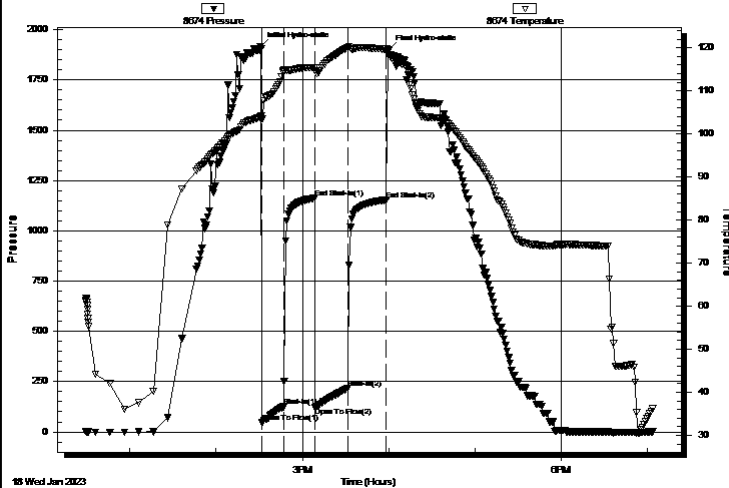
Last Calib.: 2023.01.18

Time On Btm: 2023.01.18 @ 14:30:52

Time Off Btm: 2023.01.18 @ 16:00:22

TEST COMMENT: BOB in 4 mins. 46"
1/2" return.
BOB in 7 mins. 48"
4" return. 15-20-20-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1916.88	104.05	Initial Hydro-static
1	48.33	103.48	Open To Flow (1)
16	125.84	114.67	Shut-In(1)
38	1162.39	115.36	End Shut-In(1)
38	122.36	114.74	Open To Flow (2)
61	216.33	120.01	Shut-In(2)
88	1153.50	119.66	End Shut-In(2)
90	1899.42	118.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	ocw m 5%o 35%w 60%m	0.88
63.00	gocw m 10%g 30%o 10%w 50%m	0.88
126.00	gocm 10%g 30%o 60%m	1.77
234.00	go 40%g 60%o	3.28
0.00	522 GIP	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

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70286

DST#: 3

ATTN: Kent Matson

Test Start: 2023.01.18 @ 12:29:22

GENERAL INFORMATION:

Formation: **LKC A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:31:52

Time Test Ended: 19:03:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3930.00 ft (KB) To 3980.00 ft (KB) (TVD)

Total Depth: 3980.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 3931.00 ft (KB)

Start Date: 2023.01.18

End Date:

2023.01.18

Start Time: 12:29:12

End Time:

19:03:36

Capacity: 8000.00 psig

Last Calib.:

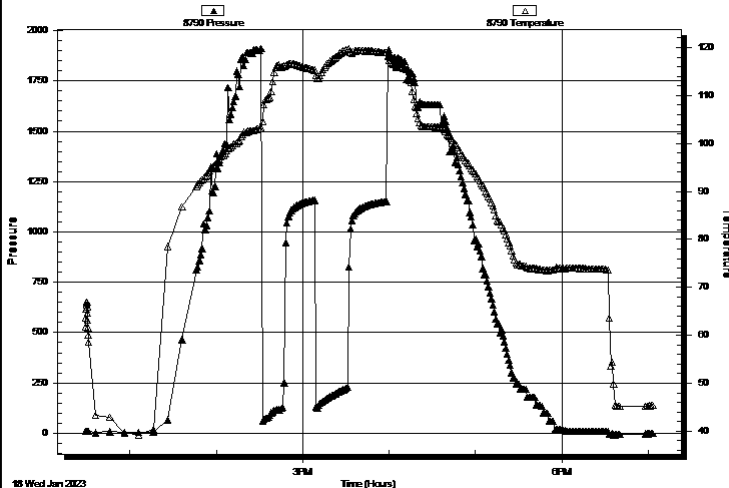
2023.01.18

Time On Btm:

Time Off Btm:

TEST COMMENT: BOB in 4 mins. 46"
1/2" return.
BOB in 7 mins. 48"
4" return. 15-20-20-30

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
63.00	ocw m 5%o 35%w 60%m	0.88
63.00	gocw m 10%g 30%o 10%w 50%m	0.88
126.00	gocm 10%g 30%o 60%m	1.77
234.00	go 40%g 60%o	3.28
0.00	522 GIP	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

TOOL DIAGRAM

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70286

DST#: 3

ATTN: Kent Matson

Test Start: 2023.01.18 @ 12:29:22

Tool Information

Drill Pipe:	Length:	3932.00 ft	Diameter:	3.80 inches	Volume:	55.16 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:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	55.16 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft					String Weight: Initial	55000.00 lb	
Depth to Top Packer:	3930.00 ft					Final	57000.00 lb	
Depth to Bottom Packer:	ft							
Interval between Packers:	50.00 ft							
Tool Length:	79.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00		Fluid	3902.00	
Shut In Tool	5.00			3907.00	
Hydraulic tool	5.00			3912.00	
Jars	5.00			3917.00	
EM Tool	2.00			3919.00	
Safety Joint	2.00			3921.00	
Packer	5.00			3926.00	29.00 Bottom Of Top Packer
Packer	4.00			3930.00	
Stubb	1.00			3931.00	
Recorder	0.00	8790	Inside	3931.00	
Recorder	0.00	8674	Outside	3931.00	
Perforations	13.00			3944.00	
Change Over Sub	1.00			3945.00	
Drill Pipe	31.00			3976.00	
Change Over Sub	1.00			3977.00	
Bullnose	3.00			3980.00	50.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70286

DST#: 3

ATTN: Kent Matson

Test Start: 2023.01.18 @ 12:29:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.39 in³

Resistivity: 0.00 ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

28 deg API

Water Salinity:

90000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	ocw m 5%o 35%w 60%m	0.884
63.00	gocw m 10%g 30%o 10%w 50%m	0.884
126.00	gocm 10%g 30%o 60%m	1.767
234.00	go 40%g 60%o	3.282
0.00	522 GIP	0.000

Total Length: 486.00 ft

Total Volume: 6.817 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 24@20=28

.27@22=90000

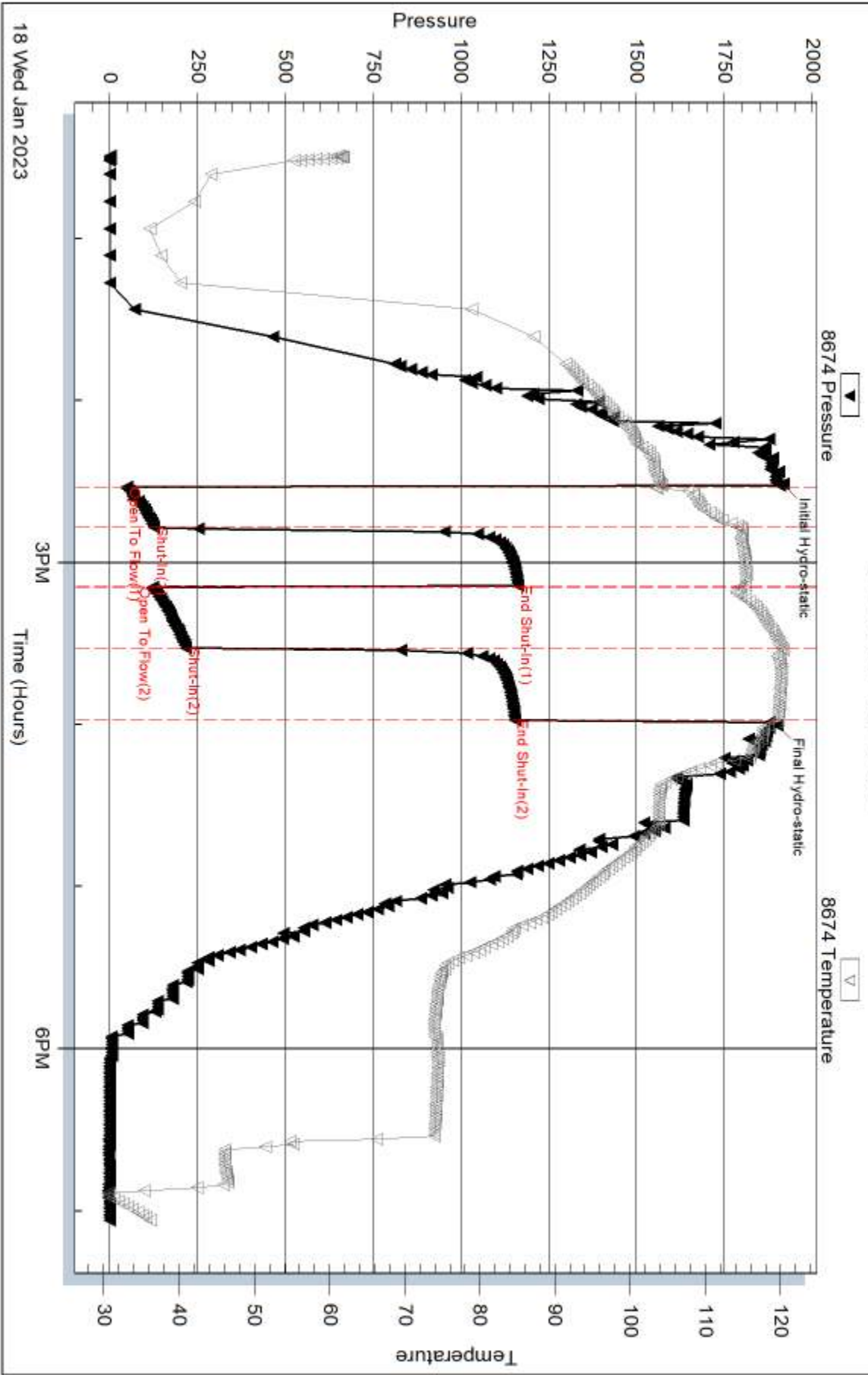
Serial #: 8674

Outside Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 3

Pressure vs. Time



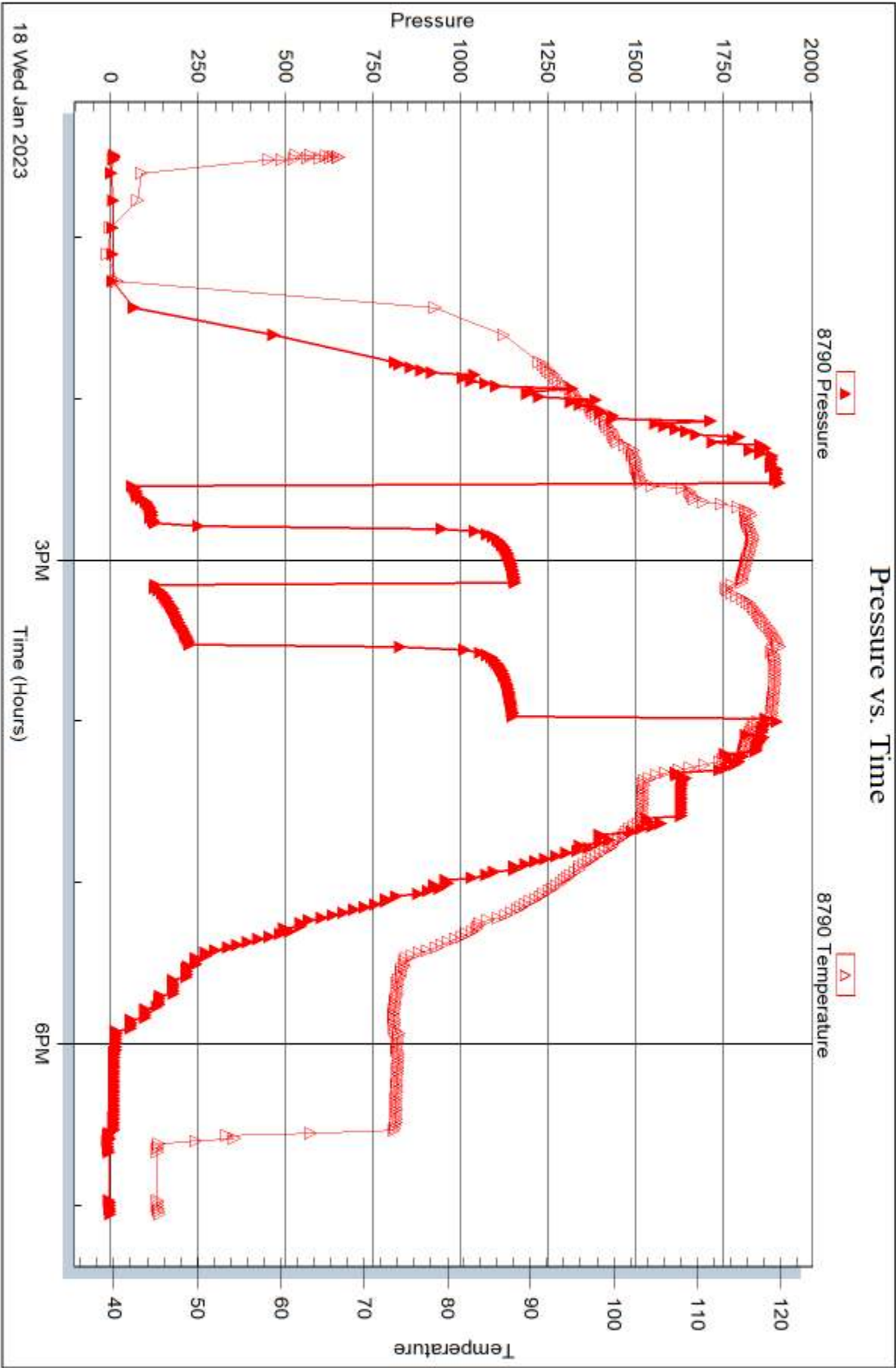
Serial #: 8790

Inside

Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co**

202 W Main St
Salem IL 62881

ATTN: Kent Matson

CD Comm #1-27

27-11s-31w Gove,KS

Start Date: 2023.01.19 @ 06:28:58

End Date: 2023.01.19 @ 12:49:58

Job Ticket #: 70287 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.01.24 @ 10:21:26



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70287

DST#: 4

ATTN: Kent Matson

Test Start: 2023.01.19 @ 06:28:58

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:28

Time Test Ended: 12:49:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3997.00 ft (KB) To 4015.00 ft (KB) (TVD)

Reference Elevations: 2916.00 ft (KB)

Total Depth: 4015.00 ft (KB) (TVD)

2905.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 180.19 psig @ 3998.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.01.19

End Date:

2023.01.19

Last Calib.: 2023.01.19

Start Time: 06:29:03

End Time:

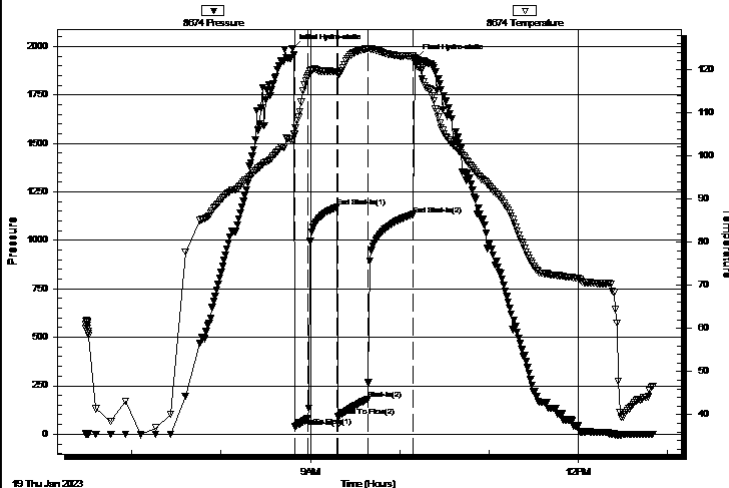
12:49:57

Time On Btm: 2023.01.19 @ 08:47:58

Time Off Btm: 2023.01.19 @ 10:10:58

TEST COMMENT: BOB in 4 mins 24"
2" return.
BOB in 6 mins. 36"
9" return. 10-20-20-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.67	103.88	Initial Hydro-static
2	39.35	105.02	Open To Flow (1)
11	82.61	118.63	Shut-In(1)
30	1170.78	119.43	End Shut-In(1)
31	91.67	118.94	Open To Flow (2)
51	180.19	124.82	Shut-In(2)
81	1132.54	123.10	End Shut-In(2)
83	1937.44	121.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	mcw 90%w 10%m	2.65
63.00	ocw m 10%o 30%w 60%m	0.88
113.00	go 20%g 80%o	1.59
0.00	454 GIP	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

Shakespeare Oil Co

202 W Main St
Salem IL 62881

ATTN: Kent Matson

27-11s-31w Gove,KS

CD Comm #1-27

Job Ticket: 70287

DST#: 4

Test Start: 2023.01.19 @ 06:28:58

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:28

Time Test Ended: 12:49:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 3997.00 ft (KB) To 4015.00 ft (KB) (TVD)

Total Depth: 4015.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 3998.00 ft (KB)

Start Date: 2023.01.19

End Date:

2023.01.19

Start Time: 06:28:16

End Time:

12:49:10

Capacity: 8000.00 psig

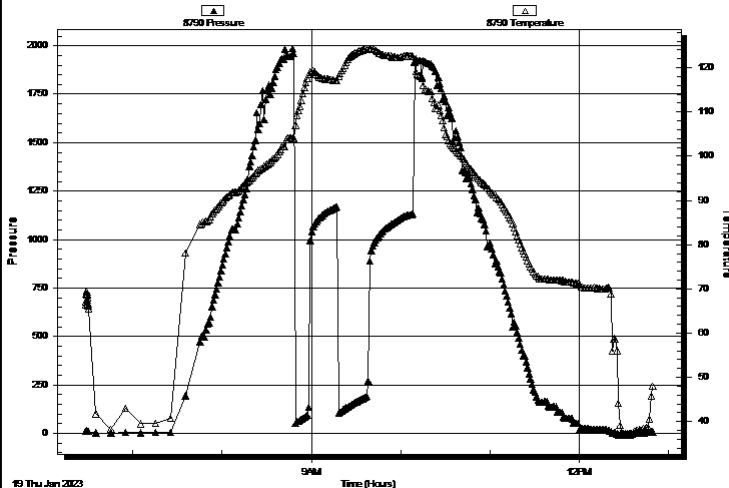
Last Calib.: 2023.01.19

Time On Btm:

Time Off Btm:

TEST COMMENT: BOB in 4 mins 24"
2" return.
BOB in 6 mins. 36"
9" return. 10-20-20-30

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	mcw 90%w 10%m	2.65
63.00	ocw m 10%o 30%w 60%m	0.88
113.00	go 20%g 80%o	1.59
0.00	454 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70287

DST#: 4

ATTN: Kent Matson

Test Start: 2023.01.19 @ 06:28:58

Tool Information

Drill Pipe:	Length:	3995.00 ft	Diameter:	3.80 inches	Volume:	56.04 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:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	56.04 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft						String Weight: Initial	55000.00 lb
Depth to Top Packer:	3997.00 ft						Final	55000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	18.00 ft							
Tool Length:	47.00 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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Stubb	1.00		Fluid	3969.00	
Shut In Tool	5.00			3974.00	
Hydraulic tool	5.00			3979.00	
Jars	5.00			3984.00	
EM Tool	2.00			3986.00	
Safety Joint	2.00			3988.00	
Packer	5.00			3993.00	29.00 Bottom Of Top Packer
Packer	4.00			3997.00	
Stubb	1.00			3998.00	
Recorder	0.00	8790	Inside	3998.00	
Recorder	0.00	8674	Outside	3998.00	
Perforations	14.00			4012.00	
Bullnose	3.00			4015.00	18.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70287

DST#: 4

ATTN: Kent Matson

Test Start: 2023.01.19 @ 06:28:58

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 6.39 in³

Resistivity: 0.00 ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

38 deg API

Water Salinity:

90000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	mcw 90%w 10%m	2.651
63.00	ocw m 10%o 30%w 60%m	0.884
113.00	go 20%g 80%o	1.585
0.00	454 GIP	0.000

Total Length: 365.00 ft

Total Volume: 5.120 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

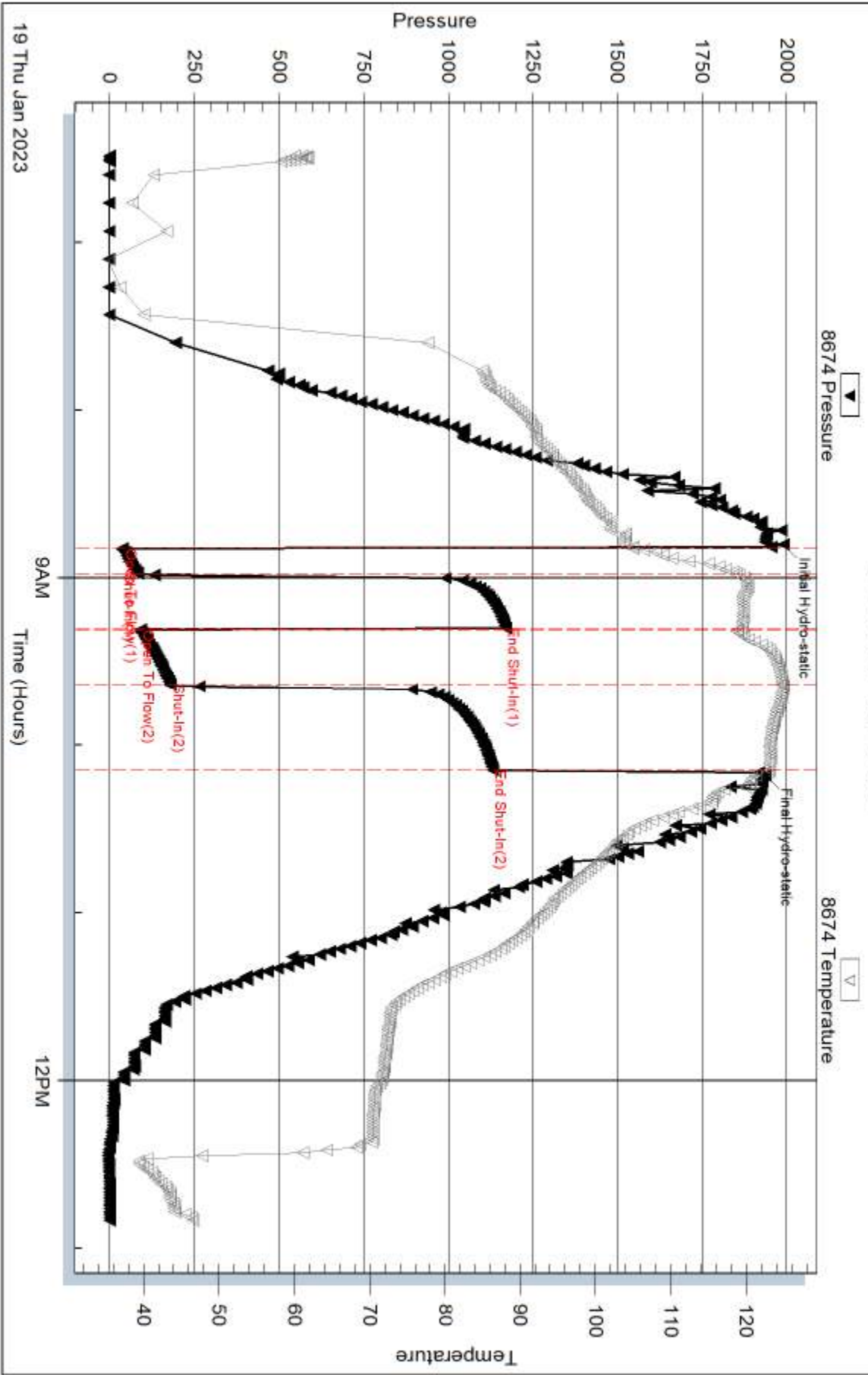
Laboratory Name:

Laboratory Location:

Recovery Comments: 37@50=38

.16@39=90000

Pressure vs. Time



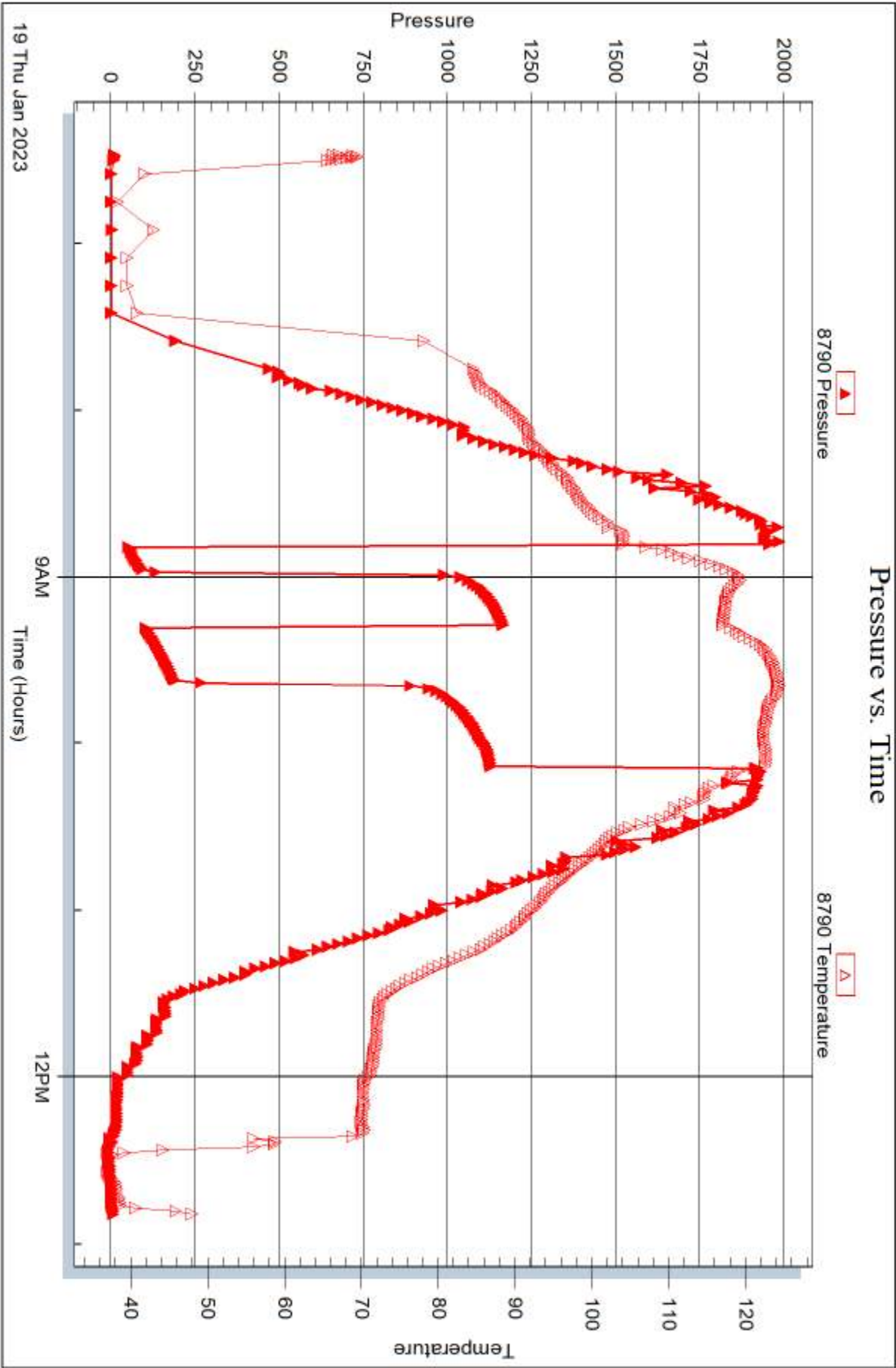
Serial #: 8790

Inside

Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co**

202 W Main St
Salem IL 62881

ATTN: Kent Matson

CD Comm #1-27

27-11s-31w Gove,KS

Start Date: 2023.01.20 @ 12:50:31

End Date: 2023.01.20 @ 19:33:55

Job Ticket #: 70288 DST #: 5

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

Printed: 2023.01.24 @ 10:20:40



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70288

DST#: 5

ATTN: Kent Matson

Test Start: 2023.01.20 @ 12:50:31

GENERAL INFORMATION:

Formation: **LKC G - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:39:26

Time Test Ended: 19:33:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4070.00 ft (KB) To 4150.00 ft (KB) (TVD)

Total Depth: 4150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 118.04 psig @ 4071.00 ft (KB)

Start Date: 2023.01.20

End Date:

2023.01.20

Start Time: 12:50:31

End Time:

19:33:55

Capacity: 8000.00 psig

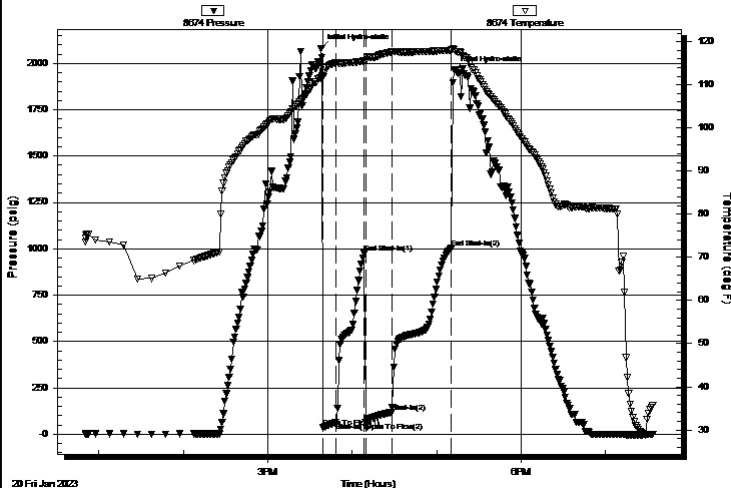
Last Calib.: 2023.01.20

Time On Btm: 2023.01.20 @ 15:37:56

Time Off Btm: 2023.01.20 @ 17:12:25

TEST COMMENT: BOB in 7 mins. 18"
No return.
BOB in 4 mins. 32"
2 3/4" return. 10-20-20-40

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.37	111.67	Initial Hydro-static
2	35.56	111.83	Open To Flow (1)
11	65.66	115.15	Shut-In(1)
31	978.45	115.51	End Shut-In(1)
32	66.02	115.31	Open To Flow (2)
50	118.04	117.62	Shut-In(2)
93	1005.23	118.01	End Shut-In(2)
95	1962.99	118.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	gocm 30%g 10%o 60%m	1.77
74.00	gocm 10%g 40%o 50%m	1.04
20.00	go 10%g 90%o	0.28
0.00	410 GIP	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

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70288

DST#: 5

ATTN: Kent Matson

Test Start: 2023.01.20 @ 12:50:31

GENERAL INFORMATION:

Formation: **LKC G - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:39:26

Time Test Ended: 19:33:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4070.00 ft (KB) To 4150.00 ft (KB) (TVD)

Total Depth: 4150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2916.00 ft (KB)

2905.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4071.00 ft (KB)

Start Date: 2023.01.20

End Date:

2023.01.20

Start Time: 12:50:44

End Time:

19:34:08

Capacity: 8000.00 psig

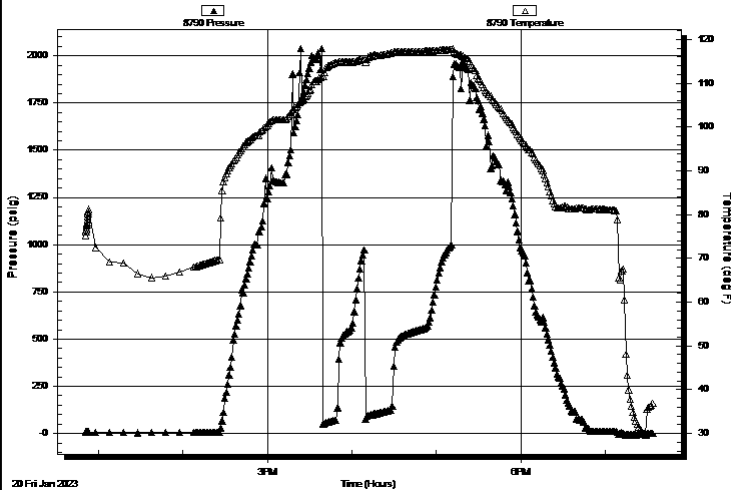
Last Calib.: 2023.01.20

Time On Btm:

Time Off Btm:

TEST COMMENT: BOB in 7 mins. 18"
No return.
BOB in 4 mins. 32"
2 3/4" return. 10-20-20-40

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
126.00	gocm 30%g 10%o 60%m	1.77
74.00	gocm 10%g 40%o 50%m	1.04
20.00	go 10%g 90%o	0.28
0.00	410 GIP	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

TOOL DIAGRAM

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70288

DST#: 5

ATTN: Kent Matson

Test Start: 2023.01.20 @ 12:50:31

Tool Information

Drill Pipe:	Length:	4058.00 ft	Diameter:	3.80 inches	Volume:	56.92 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:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	56.92 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft					String Weight: Initial	55000.00 lb	
Depth to Top Packer:	4070.00 ft					Final	56000.00 lb	
Depth to Bottom Packer:	ft							
Interval between Packers:	80.00 ft							
Tool Length:	109.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description

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

Stubb	1.00		Fluid	4042.00		
Shut In Tool	5.00			4047.00		
Hydraulic tool	5.00			4052.00		
Jars	5.00			4057.00		
EM Tool	2.00			4059.00		
Safety Joint	2.00			4061.00		
Packer	5.00			4066.00	29.00	Bottom Of Top Packer
Packer	4.00			4070.00		
Stubb	1.00			4071.00		
Recorder	0.00	8790	Inside	4071.00		
Recorder	0.00	8674	Outside	4071.00		
Perforations	11.00			4082.00		
Change Over Sub	1.00			4083.00		
Drill Pipe	63.00			4146.00		
Change Over Sub	1.00			4147.00		
Bullnose	3.00			4150.00	80.00	Bottom Packers & Anchor
Total Tool Length:	109.00					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

27-11s-31w Gove,KS

202 W Main St
Salem IL 62881

CD Comm #1-27

Job Ticket: 70288

DST#: 5

ATTN: Kent Matson

Test Start: 2023.01.20 @ 12:50:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 6.79 in³

Resistivity: 0.00 ohm.m

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

31 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	gocm 30%g 10%o 60%m	1.767
74.00	gocm 10%g 40%o 50%m	1.038
20.00	go 10%g 90%o	0.281
0.00	410 GIP	0.000

Total Length: 220.00 ft

Total Volume: 3.086 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

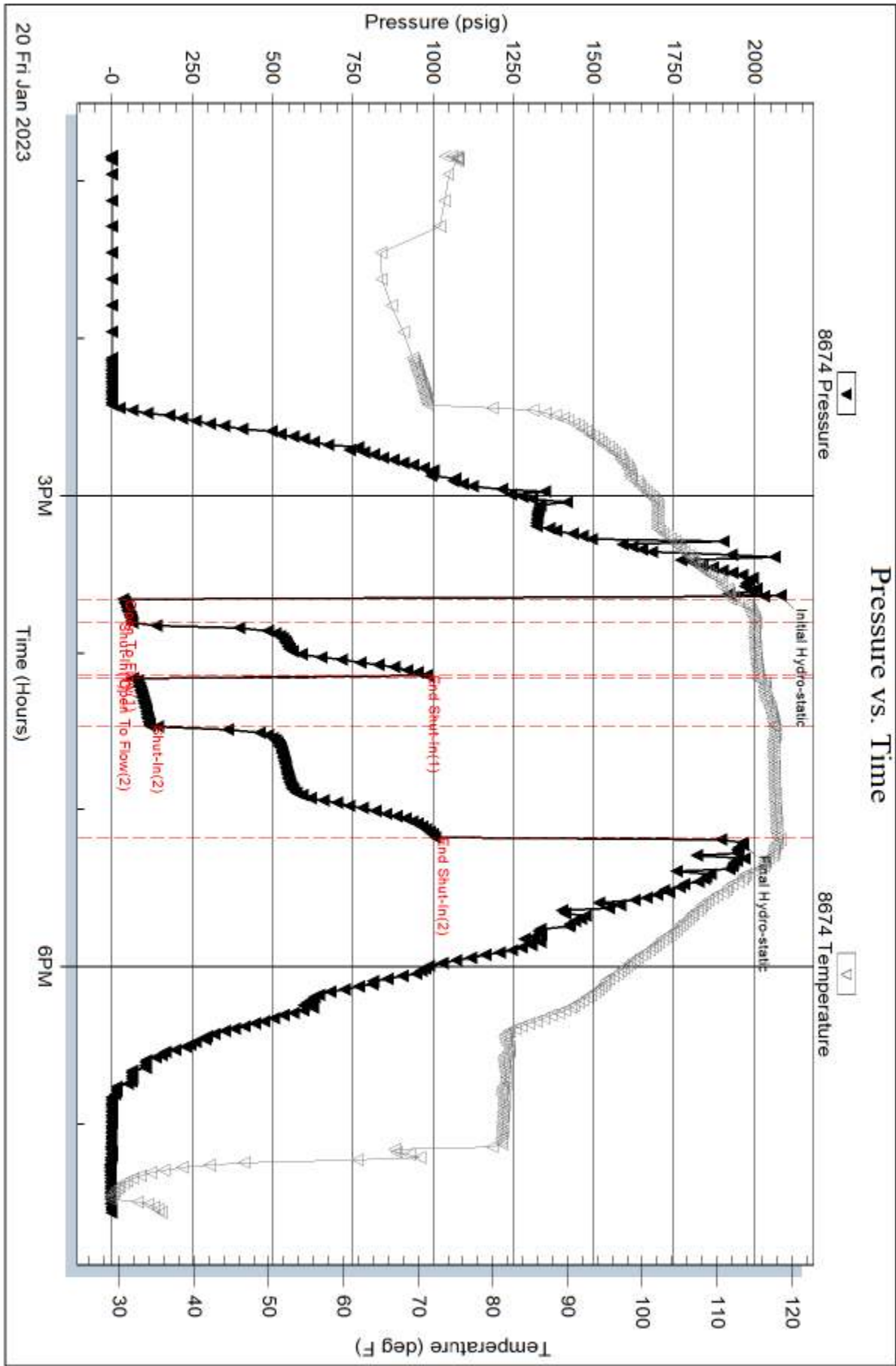
Recovery Comments: 28@30=31

Serial #: 8674

Outside Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 5



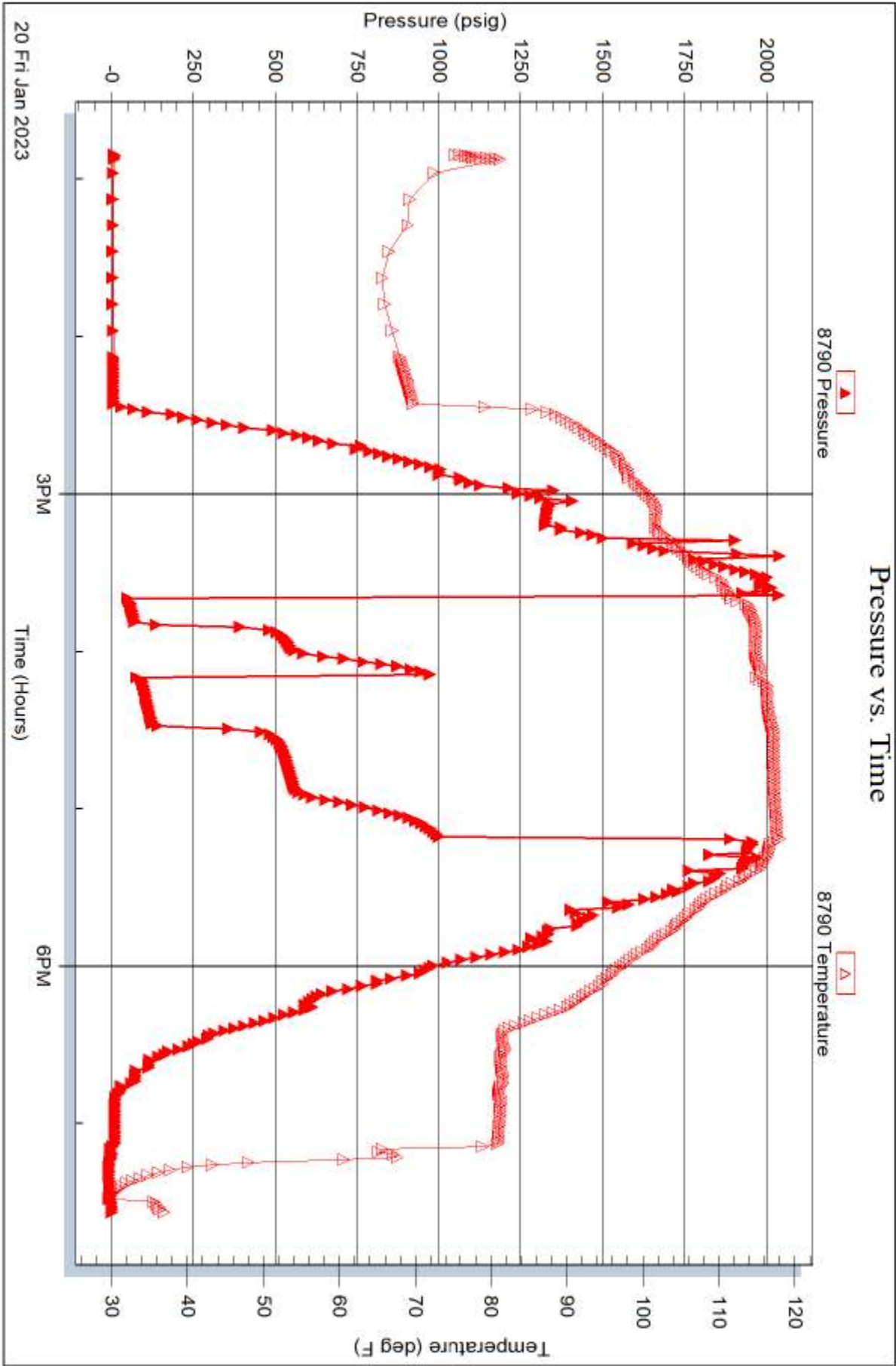
Serial #: 8790

Inside

Shakespeare Oil Co

CD Comm #1-27

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70284

Well Name & No.	CD COMM 1-27	Test No.	1	Date	1-17-23
Company	Shakespeare oil Co	Elevation	2916	KB	2905 GL
Address					
Co. Rep / Geo	Kent Martson	Rig	Duke 4		
Location: Sec.	27	Twp	11S	Rge.	31W
		Co.	Gove	State	KS
Interval Tested	3820	3870	Zone Tested	LeCompton - Oread	
Anchor Length	50	Drill Pipe Run	3809	Mud Wt.	8.7
Top Packer Depth	3815	Drill Collars Run	—	Vis	61
Bottom Packer Depth	3820	Wt. Pipe Run	—	WL	6.8
Total Depth	3870	Chlorides	1400	ppm System	LCM 3
Blow Description	BoB 6 1/2 mins. 16 No return, BoB in 7 mins. 25 No return.				
Rec	73	Feet of	Mud	%gas	%oil
				%water	100 %mud
Rec	315	Feet of	Mud	%gas	%oil
				90	%water 10 %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	388	BHT	Gravity	—	API RW .26 @ 26 °F Chlorides 80,000 ppm
Initial Hydrostatic	1818		☒ Test	1800.00	☐ Ruined Shale Packer
Initial Flow	36	to 97	☒ Jars	300.00	☐ Ruined Packer
Initial Shut-In	1160		☒ Circ Sub	N/L	☐ Hotel
Final Flow	103	to 215	☒ Hourly Standby	2-200.00	☒ EM Tool Successful
Final Shut-In	1137		☒ Mileage	134-234.50	☐ Accessibility
Final Hydrostatic	1797		☐ Sampler		☐ Gas Sample
		T- On Location 2:15	☐ Straddle		☐ Sub Total 0
Initial Flow	10	T-Started 5:02	☐ Shale Packer		☐ Total 2334.50
Initial Shut-In	20	T-Open 7:13	☐ Extra Packer		☐ Tool Loaded @
Final Flow	20	T-Pulled 8:43	☐ Extra Recorder		☐ MP/DST Disc't
Final Shut-In	40	T-Out 11:06	☐ Day Standby		
Comments	W95 told no short trip then short trip and Paul never called after Geo called.				

Approved By

Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70285

Well Name & No. CD COMM 1-27 Test No. 2 Date 1-17-23
Company Shakespeare oil co Elevation 2916 KB 2905 GL
Address _____
Co. Rep / Geo Kent Matson Rig Duke 4
Location: Sec. 27 Twp 11S Rge. 31W Co. Gove State KS

Interval Tested 3900 3930 Zone Tested Toronto
Anchor Length 30 Drill Pipe Run 3901 Mud Wt. 8.9
Top Packer Depth 3895 Drill Collars Run — Vis 54
Bottom Packer Depth 3900 Wt. Pipe Run — WL 7.2
Total Depth 3930 Chlorides 2000 ppm System LCM 3
Blow Description BoB in 2 1/2. 22
No return.

BoB in 3. 31
No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OMCD</u>	<u>80</u>		<u>20</u>	
<u>189</u>	<u>90CWM</u>	<u>10</u>	<u>10</u>	<u>40</u>	<u>40</u>
<u>315</u>	<u>MLW</u>		<u>80</u>	<u>2</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 509 BHT 123 Gravity — API RW 121 @ 27 °F Chlorides 98,000 ppm

Initial Hydrostatic 1881 ☒ Test 1800 ☐ Ruined Shale Packer
Initial Flow 82 to 134 ☒ Jars 300 ☐ Ruined Packer
Initial Shut-In 1110 ☒ Circ Sub N/C ☐ Hotel
Final Flow 154 to 256 ☐ Hourly Standby ☐ EM Tool Successful -350
Final Shut-In 1071 ☒ Mileage 134 234.50 ☐ Accessibility
Final Hydrostatic 1875 ☐ Sampler ☐ Gas Sample

T-On Location 19:45 ☐ Straddle ☐ Sub Total -350
Initial Flow 5 T-Started 20:30 ☐ Shale Packer ☐ Total 1984.50
Initial Shut-In 10 T-Open 22:44 ☐ Extra Packer ☐ Tool Loaded @
Final Flow 10 T-Pulled 23:29 ☐ Extra Recorder ☐ MP/DST Disc't
Final Shut-In 20 T-Out 1:43 ☐ Day Standby

Comments _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70286

Well Name & No. CD COMM 1-27 Test No. 3 Date 1-18-23
 Company Shake Spore oil co Elevation 2916 KB 2905 GL
 Address _____
 Co. Rep / Geo Kent Artson Rig Duke 4
 Location: Sec. 22 Twp 11S Rge. 3W Co. base State KS

Interval Tested 3930 3980 Zone Tested Consing A-B
 Anchor Length 50 Drill Pipe Run 3932 Mud Wt. 8.9
 Top Packer Depth 3925 Drill Collars Run — Vis 53
 Bottom Packer Depth 3930 Wt. Pipe Run — WL 6.4
 Total Depth 3980 Chlorides 2500 ppm System LCM 2
 Blow Description IFI BOB in 4 mins. 46"
1/2 return,
BOB in 7 mins. 48"
4" return,

Rec <u>234</u>	Feet of <u>90</u>	<u>40</u> %gas	<u>60</u> %oil	%water	%mud
Rec <u>126</u>	Feet of <u>90cm</u>	<u>10</u> %gas	<u>30</u> %oil	%water <u>60</u>	%mud
Rec <u>63</u>	Feet of <u>90cwm</u>	<u>10</u> %gas	<u>30</u> %oil	<u>10</u> %water <u>50</u>	%mud
Rec <u>63</u>	Feet of <u>ocwm</u>	%gas	<u>5</u> %oil	<u>35</u> %water <u>60</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of <u>522 GIP</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 486 BHT 119 Gravity 28 API RW .27 @ 22 °F Chlorides 90,000 ppm
 Initial Hydrostatic 1916 ☒ Test 1800 ☐ Ruined Shale Packer _____
 Initial Flow 48 to 125 ☒ Jars 300 ☐ Ruined Packer _____
 Initial Shut-In 1162 ☐ Circ Sub NIC ☐ Hotel _____
 Final Flow 122 to 216 ☐ Hourly Standby _____ ☐ EM Tool Successful _____
 Final Shut-In 1153 ☒ Mileage 134- 234.50 ☐ Accessibility _____
 Final Hydrostatic 1899 ☐ Sampler _____ ☐ Gas Sample _____
 T-On Location 12:10 ☐ Straddle _____ ☐ Sub Total 0
 Initial Flow 15 T-Started 12:29 ☐ Shale Packer _____ ☐ Total 2334.50
 Initial Shut-In 20 T-Open 14:32 ☐ Extra Packer _____ ☐ Tool Loaded _____ @ _____
 Final Flow 20 T-Pulled 15:57 ☐ Extra Recorder _____ ☐ MP/DST Disc't _____
 Final Shut-In 30 T-Out 19:00 ☐ Day Standby _____
 Comments _____

Approved By _____ Our Representative [Signature]

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**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **70287**

Well Name & No. CD Comm 1-27 Test No. 4 Date 1-19-23
Company Shakespeare Oil Co Elevation 2916 KB 2905 GL
Address _____
Co. Rep / Geo Kent Matson Rig Duke 4
Location: Sec. 27 Twp 11S Rge. 31W Co. Gove State KS

Interval Tested 3998 4015 Zone Tested Lensing D
Anchor Length 18 Drill Pipe Run 3995 Mud Wt. 8.9
Top Packer Depth 3993 Drill Collars Run — Vis 63
Bottom Packer Depth 3998 Wt. Pipe Run — WL 6.4
Total Depth 4015 Chlorides 2500 ppm System LCM 2
Blow Description BoB in 4 mins. 24
2" return.

BoB in 6 min. 36
9" return.

Rec <u>113</u>	Feet of <u>90</u>	<u>20</u>	%gas <u>80</u>	%oil	%water	%mud
Rec <u>63</u>	Feet of <u>OCWM</u>		%gas <u>10</u>	%oil <u>30</u>	%water <u>60</u>	%mud
Rec <u>189</u>	Feet of <u>MLW</u>		%gas	%oil <u>90</u>	%water <u>10</u>	%mud
Rec	Feet of <u>454 GIP</u>		%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 365 BHT 123 Gravity 38 API RW .16 @ 39 °F Chlorides 90,000 ppm

Initial Hydrostatic 1989 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 39 to 82 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 1170 ☒ Circ Sub NIL ☐ Hotel

Final Flow 91 to 180 ☐ Hourly Standby ☐ EM Tool Successful -350

Final Shut-In 1132 ☒ Mileage 134 - 234.50 ☐ Accessibility

Final Hydrostatic 1937 ☐ Sampler ☐ Gas Sample

T- On Location 5:30 ☐ Straddle ☐ Sub Total -350

Initial Flow 16 T-Started 6:28 ☐ Shale Packer ☐ Total 2134.50

Initial Shut-In 20 T-Open 8:48 ☐ Extra Packer ☐ Tool Loaded @

Final Flow 20 T-Pulled 10:08 ☐ Extra Recorder ☐ MP/DST Disc't

Final Shut-In 30 T-Out 12:50 ☐ Day Standby

Comments

Approved By _____ Our Representative [Signature]

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**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **70288**

Well Name & No.	<u>CD Comm 1-27</u>		Test No.	<u>5</u>	Date	<u>1-20-23</u>
Company	<u>Shakespeare oil Co</u>		Elevation	<u>2916</u>	KB	<u>2905</u> GL
Address						
Co. Rep / Geo	<u>Kent Matson</u>		Rig	<u>Duke 4</u>		
Location: Sec.	<u>27</u>	Twp	<u>11S</u>	Rge.	<u>31W</u>	Co. <u>Gove</u> State <u>KS</u>
Interval Tested	<u>4070</u>	<u>4150</u>	Zone Tested	<u>Lmsing G H ET</u>		
Anchor Length	<u>80</u>		Drill Pipe Run	<u>4058</u>	Mud Wt.	<u>9.0</u>
Top Packer Depth	<u>4065</u>		Drill Collars Run	<u>—</u>	Vis	<u>51</u>
Bottom Packer Depth	<u>4070</u>		Wt. Pipe Run	<u>—</u>	WL	<u>7.2</u>
Total Depth	<u>4151</u>		Chlorides	<u>2800</u>	ppm System	LCM <u>2</u>
Blow Description	<u>BoB in 7 min. 18"</u> <u>No return.</u> <u>BoB in 4 min. 32"</u> <u>2 3/4 return.</u>					
Rec	<u>20</u>	Feet of	<u>90</u>	<u>10</u>	%gas	<u>90</u> %oil %water %mud
Rec	<u>74</u>	Feet of	<u>90cm</u>	<u>80</u>	%gas	<u>40</u> %oil %water <u>50</u> %mud
Rec	<u>126</u>	Feet of	<u>90cm</u>	<u>30</u>	%gas	<u>10</u> %oil %water <u>60</u> %mud
Rec		Feet of			%gas	%oil %water %mud
Rec		Feet of	<u>410 GEP</u>		%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	<u>220</u>	BHT	<u>118</u>	Gravity	<u>31</u>	API RW <u>—</u> @ <u>—</u> °F Chlorides <u>—</u> ppm
Initial Hydrostatic	<u>2080</u>		☒ Test	<u>1950</u>	☐ Ruined Shale Packer	
Initial Flow	<u>35</u>	to	<u>65</u>	☒ Jars	<u>300</u>	☒ Ruined Packer <u>460</u>
Initial Shut-In	<u>978</u>		☒ Circ Sub	<u>NIL</u>		
Final Flow	<u>66</u>	to	<u>118</u>	☐ Hourly Standby	☐ EM Tool Successful <u>-175</u>	
Final Shut-In	<u>1005</u>		☒ Mileage	<u>134</u>	<u>234.50</u>	
Final Hydrostatic	<u>1962</u>		☐ Sampler	☐ Gas Sample		
	T- On Location <u>11:30</u>		☐ Straddle	☐ Sub Total <u>460 - 175</u>		
Initial Flow	<u>10</u>	T-Started	<u>12:50</u>	☐ Shale Packer	☐ Total <u>2778.50</u>	
Initial Shut-In	<u>26</u>	T-Open	<u>15:39</u>	☐ Extra Packer	☐ Tool Loaded @ <u>—</u>	
Final Flow	<u>20</u>	T-Pulled	<u>17:09</u>	☐ Extra Recorder	☐ MP/DST Disc't <u>—</u>	
Final Shut-In	<u>40</u>	T-Out	<u>19:40</u>	☐ Day Standby		
Comments						

Approved By _____ Our Representative [Signature]

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**Scale 1:240 (5"=100') Imperial
Measured Depth Log**

Well Name: CD COMM
Well Id: #1-27
Location: 2526' FSL, 857' FEL, SE/4 Sec 27-T11S-R31W, Gove County, Kansas
License Number: API: 15-063-22424 **Region:** Gove County
Spud Date: 01/13/2023 **Drilling Completed:** 01/22/2023
Surface Coordinates: NAD83
Lat: 39.06869, **Long:** -100.7425685
Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 2905' **K.B. Elevation (ft):** 2916'
Logged Interval (ft): 3750' **To:** RTD **Total Depth (ft):** 4560'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

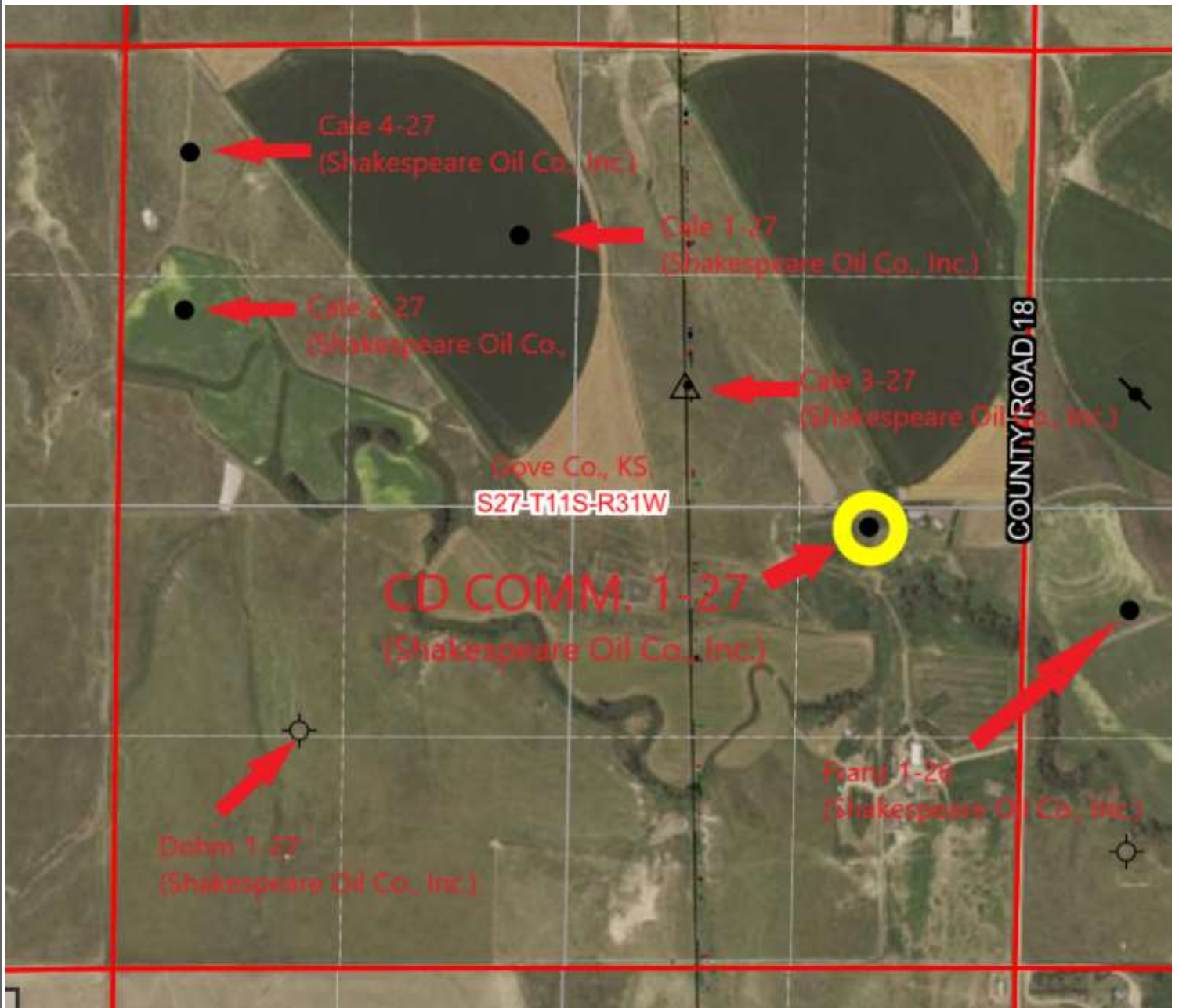
Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: SHAKESPEARE OIL COMPANY, INC.
Address: 202 West Main Street
Salem, IL 62881
618-548-1585

WELLSITE GEOLOGIST

Name: Kent R. Matson
Company: Matson Geological Services, LLC
Address: 33300 W. 15th Street S.
Garden Plain, Kansas 67050
316-644-1975; kent4m@hotmail.com



COMMENTS

Shakespeare Oil Company, Inc., Geologist: Toby Eck, 316-305-0572 (cell).

Contractor: Duke Drilling Company, Inc.: Rig #4.

Tool Pusher: Hector Torres, 620-682-3927 (cell).

Surface Casing: 8 5/8" set at 224' (KB) w/170sx cement.

Production Casing: Based on field observations of drill cuttings, DST results and electric log evaluation, 5.5" casing was installed.

Mud by: Mud-Co/Service Mud, Inc., Reid Atkins, 785-694-3741 (cell).

DST's by: Trilobite Testing, Brandon Turley, 785-650-8399 (cell).

Logs by: ELI Wireline (DI w/GR, CND, Micro), Cole Robben, 785-735-7112 (office).

RTD= 4560'

LTD= 4563'

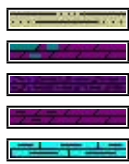
FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Oread	3851'	-935	3849'	-933
Heebner Shale	3893'	-977	3895'	-979
Lansing	3929'	-1013	3930'	-1014
Muncie Creek Shale	4073'	-1157	4076'	-1160
Stark Shale	4158'	-1242	4160'	-1244
Hushpuckney Shale	4192'	-1276	4195'	-1279
Base of KC	4218'	-1302	4220'	-1304
Marmaton	4264'	-1348	4264'	-1348
Pawnee	4342'	-1426	4343'	-1427
Myrick Station	4382'	-1467	4385'	-1470
Fort Scott	4408'	-1492	4410'	-1494
Cherokee Shale	4437'	-1521	4438'	-1522
Johnson	4478'	-1562	4481'	-1565
Mississippian	4504'	-1588	4506'	-1590
RTD	4560'	-1644		
LTD			4563'	-1647

ROCK TYPES

LITHOLOGY

	Anhy
	Cht
	Coal
	Congl
	Dol
	Gyp
	Lmst
	Salt
	Shale
	Shcol
	Shgy
	Sltst
	Ss
	Carb sh
	Dol
	Dtd
	Gry sh
	Sandy lms
	Shale
	Sltstn
	Shlyslts



Siltysh
Sdy dolo
Silty dolo
Shy dolo
Shaly ls

FOSSIL



Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite

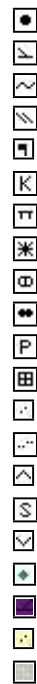


Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

MINERAL

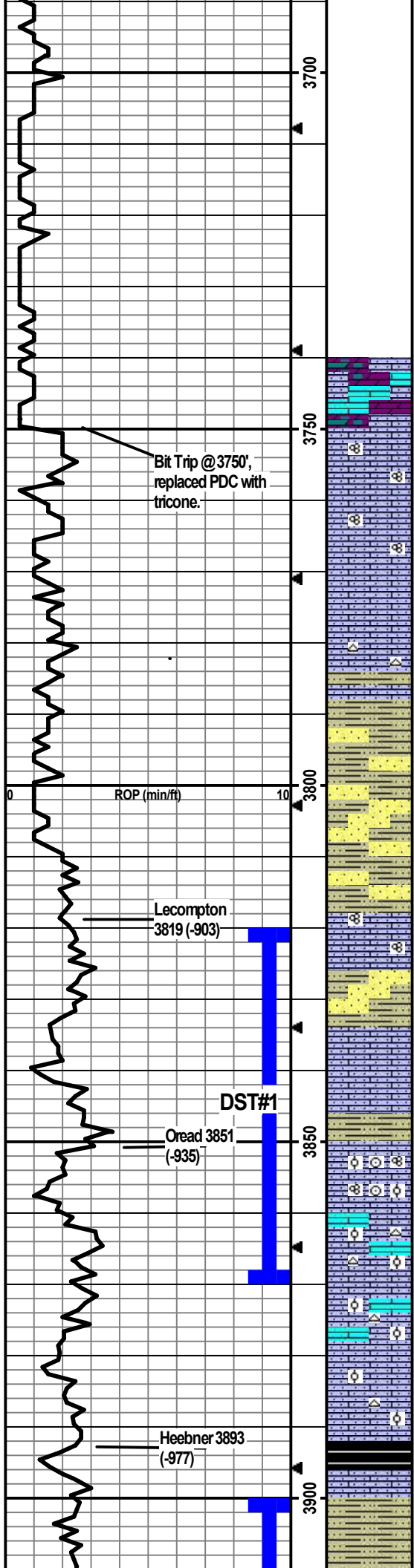


Anhy
Arggrn
Arg
Bent
Bit
Breclrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar



Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Sltly

Rate of Penetration (ROP) ROP (min/ft)		DEPTH	Lithology	CFS Point	Oil Shows	Geological Descriptions	Remarks
ROP (min/ft) 010		35				Morning Report Depth/Activity (7:00 am) 01/13/2023: MIRU; Spud 06:30pm, set SC @ 224' KB. 01/14: WOC @ 224'. 01/15: Drilling @ 2430'. 01/16: Mud System Displacement @ 3490'. 01/17: TIH w/tool for DST #1 @ 3870'. 01/18: CFS @ 3950'. 01/19: TOH w/bit for DST #4 @ 4015'. 01/20: CFS @ 4130'. 01/21: Drilling @ 4280'. 01/22: TOH for electric logging; TD @ 4560'.	Mud-Co/Service Mud Inc. Check #1 @ 0' 01/13/23, predrilling instructions. Mud-Co/Service Mud Inc. Check #2 @ 2243' 01/15/23 05:00am wt vis pH chl 9.5 32 7.0 130 Filt LCM n/c 1
		3550				Anhydrite: Top @ 2420' (+496), Base @ 2442' (+474) (based on drill time). E-Log Top @ 2417' (+499), Base @ 2444' (+472). ROP Data begins @ 3550' on 01/16/2023. Recorded from drillers geolograph record, and geologist's auto-reader switch on geolograph.	Mud-Co/Service Mud Inc. Check #3 @ 3504' 01/16/23 07:35am wt vis pH chl 8.7 61 11.5 1400 Filt LCM 6.8 3
		3600					Mud-Co/Service Mud Inc. Check #4 @ 3870' 01/17/23 06:40am wt vis pH chl 8.9 54 11.0 2000 Filt LCM 7.2 3
ROP (min/ft) 010		3650					Mud-Co/Service Mud Inc. Check #5 @ 3950' 01/18/23 06:40am wt vis pH chl 8.9 53 6.4 2500 Filt LCM 6.4 2
							Mud-Co/Service Mud Inc. Check #6 @ 4015' 01/19/23 08:30am wt vis pH chl 9.0 51 11.5 2800 Filt LCM 7.2 2
							Mud-Co/Service Mud Inc. Check #7 @ 4150' 01/20/23 11:59am wt vis pH chl 9.3 57 11.0 3200 Filt LCM 8.0 3
							Due to weather blizzard conditions, Mudco did not make a mud check 01/21/2023
							Mud-Co/Service Mud Inc. Check #8 @ 4560' 01/22/23 03:20am wt vis pH chl 9.3 62 10.5 3000 Filt LCM 8.8 3
						Geologist on location @ 3777', 01/16/2023.	Survey Record Deg @ Ft 0.5 @ 224'



Formation tops and lithologies have been adjusted to correlate to the electric log.

<<<<<<< Oil Shows indicator: Left Block 0-10 tray pcs w/show, Middle Block 10-20 tray pcs w/show, Right Block 20+ tray pcs w/show

NOTE: RED TEXT INDICATES THE PRESENCE OF OIL.

Drill cutting samples at 10' intervals start at 3750'.

LS: cm/lt bm, micro-f xtal, sndy, some chalky, some dolomitic, min foss frags, ppt-f in-xtal por, no odor, ns; smpl flood of SH.

LS: cm/lt bm, vf-m xtal, silty/sndy, chalky, foss frags/fusin/grainy, some ppt-vf in-xtal por, no odor, ns.

LS: same as above, vry chalky, no odor, ns.

LS: cm/min lt bm, vf-m xtal, vry chalky, silty/sndy, foss frags/grainy, ppt-f in-xtal por, no odor, ns.

LS: cm/lt bm/lt gry, vf-m xtal, silty/sndy, chalky, wht chert, foss frags/grainy, no vis por, no odor, ns. SH: lt-dk gry/blk/dk red-bm, vry silty, carb, soft-firm.

SH: as above. SS: lt gry/min gry-bm, vf-f, pred qtz, arg, slt carb, friable, no odor, ns.

Min SH: lt-dk gry, vry silty/sndy, slt carb, soft-firm. SS: lt-m gry/lt red-bm, vf-f, pred qtz, arg, carb matrix, friable, no odor, ns.

LS: wht/cm/lt bm/lt-m gry, micro-m xtal, vry silty/sndy, chalky, foss frags/fusin, ppt-f in-xtal por w/med-crs in-fusin por, no odor, ns.

LS: as above, no odor, ns.

SH: lt-m gry, vry silty, slt carb, soft-firm. SS: lt gry, vf-f, pred qtz, some arg, carb, friable, no odor, ns.

LS: wht/cm/min lt gry, vf-m xtal, silty/sndy, chalky, foss frags, 23 pcs w/sfo, ppt-f in-xtal por, brite yel fluor, gd odor, sfo.

LS: as above, 33 pcs w/sfo, ppt-f in-xtal por, brite ye fluor, gd odor, gd sfo.

SH: lt-m gry, some vry silty/sndy, carb, soft-firm. SS: lt gry, vf-m, arg, slt carb, friable, no odor, ns.

LS: cm/lt-m bm, vf-m xtal, vry silty/sndy, chalky, foss frags/fusin/crin/ool, 35 pcs w/sfo, mostly ppt-f in-xtal por w/some m-crs in-xtal por, brite yel fluor, gd odor, gd sfo.

LS: cm/lt bm/lt gry, micro-m xtal, some silty/sndy, chalky, min wht/cm chert, foss frags/ool, approx 10-15% of smpl w/sfo, w/ppt-crs in-xtal/in-ool por, brite yel fluor, gd odor, gd sfo.

LS: cm/lt bm/lt gry, vf-m xtal, some silty/sndy, chalky, min wht/cm chert, foss frags/ool, 21 pcs w/sfo w/f-crs in-xtal/in-ool/oo-castic por, brite yel fluor, slt odor, gd sfo.

LS: wht/cm/lt bm/min lt gry, micro-m xtal, some silty/sndy, some chalky, min wht chert, foss frags/fusin/ool, 12 pcs w/sfo w/f-crs in-xtal/in-ool por, dul yel fluor, slt odor, sfo.

SH: m-dk gry/dk bm-gry/blk, silty, carb, soft-firm, fissile.

LS: cm/lt bm/lt gry, micro-m xtal, silty/sndy, some chalky, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/blk/min lt green-gry, some vry silty, carb, soft-firm.

0.5 @ 224'
0.50 @ 2430'
0.50 @ 3750'
0.50 @ 4150'
0.75 @ 4560'

Bit Trip @ 3750'
conn; replaced
PDC bit with
Tricone Button bit.

Pipe strap TOH for
Bit Trip @ 3750'
was 0.76' long to
board.

DST1) 3820-3870
LeCompton &
Oread

10/20/20/40

1st) BOB blow at 6.5min; No BB.

2nd) BOB blow at 7min; No BB.

IFP 36-98#

ISIP 1161#

FFP 103-215#

FSIP 1138#

HP 1819-1797#

Recvd: 315' MCW (90%W, 10%M),
73' Mud (100%M).

CFS @ 3870'
Stop/30"/60"

DST2) 3900-3930
Toronto

5/10/10/20

1st) BOB blow at 2.5min; No BB.

2nd) BOB blow at 3min; No BB.

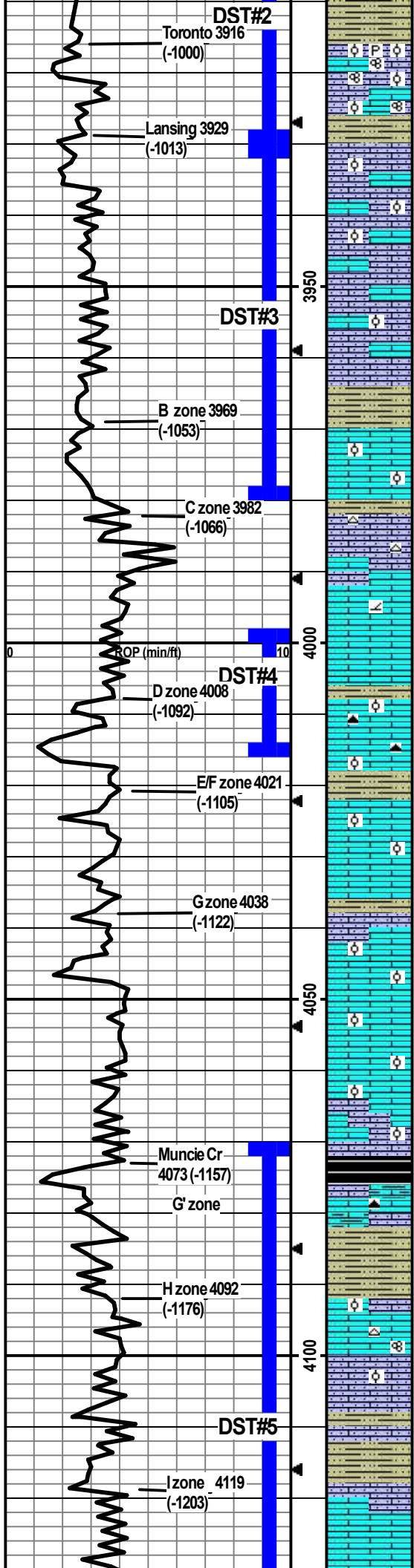
IFP 82-135#

ISIP 1111#

FFP 154-257#

FSIP 1072#

HP 1881-1875#



LS: wht/cm/lt brn/lt gry, micro-m, some vry silty/sndy, some chalky, pyritic, foss frags/fusln/ool, 34 pcs w/sfo w/ppt-crs in-xtal/in-ool/oo-castic por, brite yel fluor, gd odor, sfo.

LS: cm/lt brn/lt gry, micro-m xtal, some vry silty/sndy, foss frags/fusln/ool, 31 pcs w/sfo w/vf-crs/vug in-xtal/in-ool por, brite yel fluor, gd odor, sfo.

LS: wht/cm, micro-m xtal, some silty/sndy, some chalky, foss frags/crs ool, 10-15% of smpl w/staining/sfo, f-crs in-xtal/in-ool por, some crs oo-castic por, dul yel fluor, stg odor, gd sfo.

LS: wht/cm, micro-m xtal, some silty/sndy, more chalky, foss frags/less ool, mostly dense w/13 ool pcs w/staining/sfo w/f-crs in-xtal/in-ool por, min crs oo-castic por, dul yel fluor, slt odor, sfo.

LS: cm/min lt gry, micro-m xtal, some silty/sndy, chalky, min foss frags/min ool, 6 pcs w/staining/sfo w/f-crs in-xtal/in-ool por, crs oo-castic por, dul yel fluor, no odor, slt sfo.

SH: lt-dk gry/maroon-brn/red-brn/lt gry-green, some silty, slt carb, soft-firm.

LS: wht/cm/lt brn, micro-m xtal, some chalky, min foss frags/f-m ool, 39 pcs w/staining/sfo, f-crs in-xtal/in-ool por, brite yel fluor, slt odor, gd sfo.

SH: m-dk gry/lt gry-green/red-brn, some vry silty, carb, soft-firm.

LS: wht/cm, micro-f xtal, chalky, wht chert, min foss frags, no vis por, 2 pcs w/sfo assume from above, slt odor.

LS: cm, micro-f xtal, chalky, min silty/sndy, min dolomitic, min foss frags, no vis por, no odor, ns.

LS: cm/min lt gry, micro-m xtal, chalky, min foss frags/min ool, no vis por, 2 pcs w/sfo vf-crs in-xtal por, dul yel fluor, no odor, slt sfo.

LS: cm/lt brn, micro-m xtal, chalky, dk brn/dk gry chert, min foss frags, 5-10% of smpl w/sfo, ppt-crs/vug in-xtal por, brite yel fluor, stg odor, gd sfo.

LS: as above w/ool, 5-10% of smple w/sfo, ppt-vug por, brite yel fluor, stg odor, gd sfo.

LS: cm/lt-m brn, micro-m, some chalky, foss frags/ool, 10-15% of smpl w/sfo, dul yel fluor, vf-crs-vug in-xtal por, stg odor, gd sfo.

LS: wht/cm/lt-m brn, micro-m xtal, some chalky, 10 pcs w/sfo, vf-crs in-xtal por, brite yel fluor, slt odor, sfo.

SH: lt-m gry/lt green-gry, maroon, red-brn, silty, carb, soft-firm.

LS: wht/cm/lt brn, micro-m xtal, some chalky, some silty, foss frags/fn dense ool, no vis por, no odor, ns.

LS: wht/cm/lt brn/min lt gry, micro-m xtal, some chalky, min foss frag/f-crs ool, no vis por, no odor, ns; (few pcs w/sfo assume from above).

LS: wht/cm/lt gry, micro-m xtal, some chalky, some silty/sndy, foss frags/dense ool, no vis por, no odor, ns.

SH: blk, silty, carb, firm, fissile.

LS: cm/lt-m brn/lt gry, micro-m xtal, some silty/sndy/arg, some chalky, min brn chert, foss frags, 9 pcs w/staining/sfo, vf-crs in-xtal por, brite yel fluor, no odor, sfo.

SH: lt-dk gry/blk, some silty, carb, soft-firm.

LS: cm/lt-m brn/lt gry, micro-m xtal, some silty, chalky, min cm/lt brn chert, min foss frags/ool/fusln, 27 pcs w/staining/sfo w/vf-crs in-xtal por, brite yel fluor, no odor, sfo.

LS: cm/lt-m brn, micro-m xtal, some chalky, some silty, foss frags/dense ool, no vis por, 3 pcs w/staining/fo on break w/ppt-f in-xtal por, dul yel fluor, no odor, slt sfo.

SH: lt-m gry/dk brn/red-brn, some silty, slt carb, soft-firm.

SH: lt-dk gry/dk gry-green/gry-brn, some vry silty/sndy, carb, soft-firm.

LS: cm/min lt gry, micro-m xtal, some silty, some chalky, foss frags, 12 pcs w/staining/some fo on break, mostly ppt-f w/some med in-xtal por, dul yel fluor, no odor, sfo.

Recvd: 5' MCO (80%O, 20%M), 189' GOCWM (10%G, 10%O, 40%W, 40%M), 315' MCW (80%W, 20%M).

CFS @ 3930'
Stop/30"/60"

CFS @ 3950'
Stop/30"/60"

DST3) 3930-3980 Lansing A & B-zones

15/20/20/30
1st) BOB blow at 4min; 1/2" BB.
2nd) BOB blow at 7min; 4" BB.
IFP 48-126#
ISIP 1162#
FFP 122-216#
FSIP 1154#
HP 1917-1899#
Recvd: 522' GIP, 234' GO (40%G, 60%O), 126' GOCM (10%G, 30%O, 60%M), 639' GOCWM (10%G, 30%O, 10%W, 50%M), 63' OCWM (5%O, 35%W, 60%M).

CFS @ 3980'
Stop/30"/60"

CFS @ 4015'
Stop/30"/60"

CFS @ 4030'
Stop/30"/60"

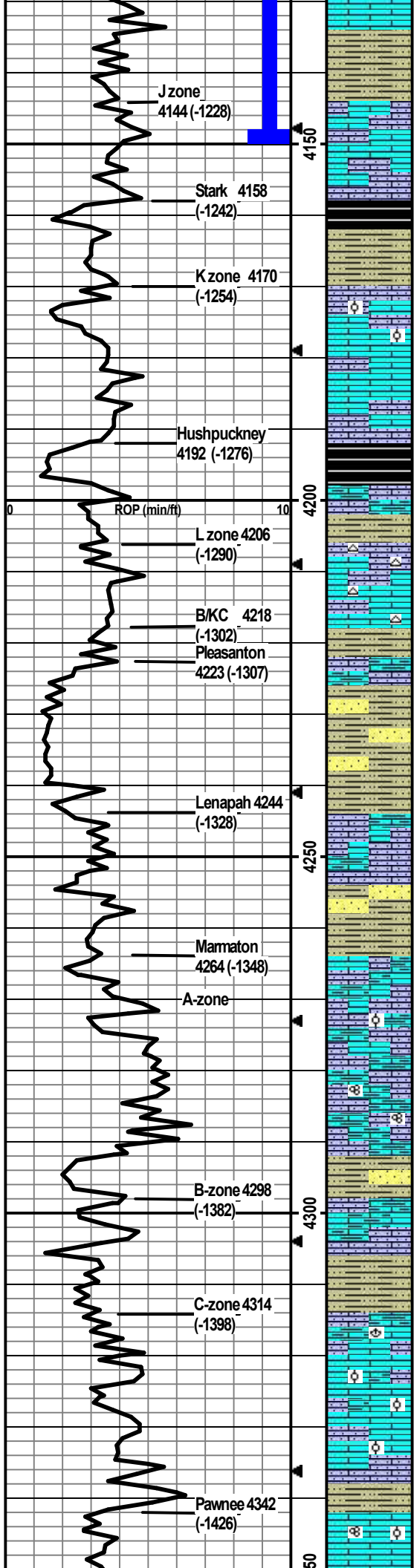
DST4) 3998-4015 Lansing D-zone

10/20/20/30
1st) BOB blow at 4min; 2" BB.
2nd) BOB blow at 6min; 9" BB.
IFP 39-83#
ISIP 1171#
FFP 92-180#
FSIP 1133#
HP 1990-1837#
Recvd: 454' GIP, 113' GO (20%G, 80%O), 63' OCWM (10%O, 30%W, 60%M), 189' MCW (10%M, 90%W).

CFS @ 4082'
Stop/30"/60"

CFS @ 4100'
Stop/30"/60"

CFS @ 4130'



SH: lt-dk gry/gry-green/red-bm/dk maroon, some silty, slt carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, some chalky, some silty/sndy, foss frags, 19 pcs w/staining/sfo, ppt-crs in-xtal por, dul yel fluor, slt odor, sfo.

LS: cm/lt-m bm/lt gry, micro-m xtal/2ndry xtals, chalky, some silty, foss frags, 7 pcs w/staining on edges/no fo, dul yel fluor, no vis por, no odor, staining/no fo.

SH: lt-dk gry/blk/red-bm, silty/sndy, slt carb, firm, fissile.

LS: wht/cm/lt bm/lt gry, micro-m xtal/2ndry xtals, chalky, some silty, foss frags/fn ool, 11 pcs w/mostly staining w/some fo on break, ppt-f in-xtal/in-ool por, brit yel fluor, no odor, sfo.

LS: cm/lt bm/lt gry, micro-m xtal, some chalky, some silty, foss frags, 10 pcs w/staining/few pcs w/fo on break, ppt-vf in-xtal por, brite yel fluor, no odor, slt sfo.

SH: dk gry/blk, slt carb, firm, fissile.

LS: cm/lt-m gry, micro-m xtal, some silty/arg, chalky, min foss frags, no vis por, no odor, ns.

SH: lt-dk gry/blk, some vry silty, slt carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, some vry chalky, some silty/arg, wht/lt gry chert, foss frags, no vis por, no odor, ns. (1 pcs w/show assume from above.)

SH: lt-dk gry/blk, silty, slt carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, smpl vry chalky, vry silty/sndy/arg, foss frags, no vis por, no odor, ns.

SH: lt-m gry/lt bm/red-bm, some vry silty, carb, soft-firm. SS: lt gry/lt green-gry, vf-f, arg, carb, friable, no odor, ns.

LS: cm/lt-m bm/lt gry, micro-m xtal, some silty/sndy/arg, smpl vry chalky, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/red-bm/maroon, some vry silty/sndy, carb, soft-firm. SS: lt red-bm, vf-f, arg, carb, friable, no odor, ns.

LS: cm/lt-m bm/lt gry, micro-m xtal, some vry silty/sndy/arg, smpl vry chalky, foss frags, no vis por, no odor, ns.

LS: cm/lt gry/dk red-bm, micro-m xtal, some vry silty/sndy/arg, some chalky, foss frags/min ool, 4 pcs w/staining/min sfo on break w/ppt-vf in-xtal por, dul-brit yel fluor, no odor slt sfo.

LS: cm/lt-m bm/lt gry/lt maroon, micro-m xtal, some vry silty/sndy/arg, chalky, foss frags/fusln, no vis por, 3 pcs w/staining/min fo on break, ppt-crs in-xtal por, no fluor, no odor, slt sfo. Smpl is flood of SH.

SH: lt-dk gry/red-bm/maroon/dk gry-green, some vry silty/sndy, carb, soft-firm. Min SS: vf-m, sr-wr, pred qtz, glauc, friable, no odor, ns.

LS: cm/lt-m bm/lt gry, micro-m xtal, chalky, some vry silty/arg w/red mottling, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/red-bm/maroon/red-bm mottling, some vry silty/sndy, carb, soft-firm.

LS: cm/lt-m bm/lt gry, micro-m xtal, chalky, silty/arg, foss frags/few brac, no vis por, no odor, ns. 1 pce w/sfo assume from above.

LS: cm/lt gry/lt bm, micro-m xtal, some silty/arg, some chalky, foss frags/dense ool, no vis por, no odor, ns.

LS: cm/lt bm/lt gry-bm, micro-m xtal, some silty, chalky, foss frags/few dense ool, no vis por, no odor, ns.

SH: m-dk gry/maroon/red-bm/dk bm, some vry silty, slt carb, soft-firm.

LS: cm/lt bm/lt gry, micro-m xtal, smpl vry chalky, foss frags/min fusln/min dense ool, no vis por, 2 pcs w/sfo w/ppt-f in-xtal por, no fluor, no odor, slt sfo.

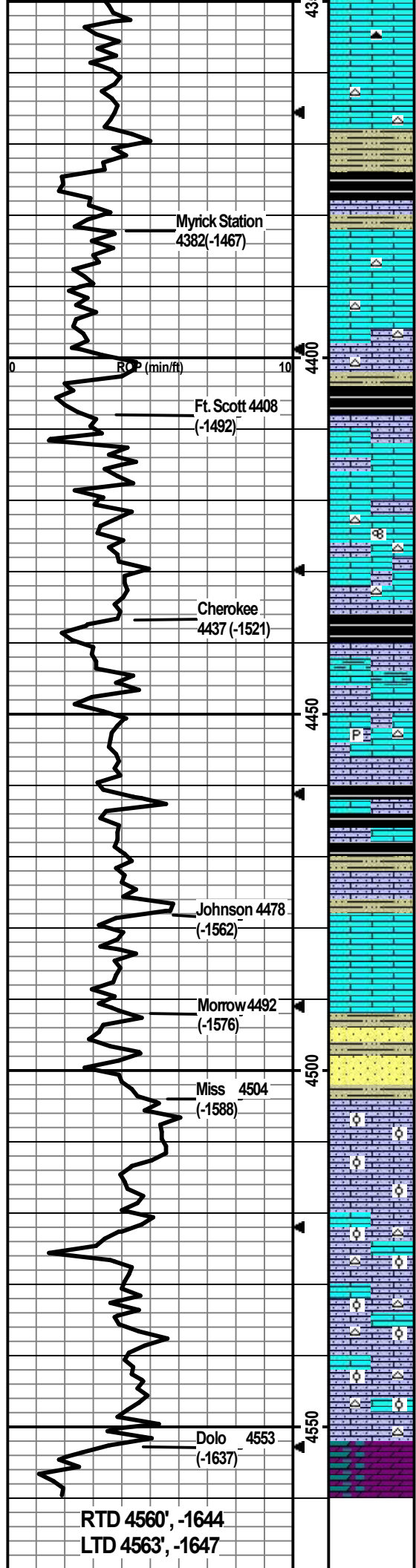
Stop/30°/60

CFS @4150'
Stop/30°/60

**DST5) 4070-4150
Lansing G', H, I &
J-zones**

10/20/20/40
1st BOB blow at 7min; No BB.
2nd BOB blow at 4min; 2.75" BB.
IFP 36-66#
ISIP 978#
FFP 66-118#
FSP 1005#
HP 2080-1963#
Recvd: 410' GIP, 20' GO (10%G,
90%O), 74' GOCM (10%G, 40%O,
50%M), 126' GOCM (30%G,
10%O, 60%M).

CFS @4190'
Stop/30°/60



LS: cm/lt bm, micro-m xtal, chalky, min bm chert, foss frags, no vis por, no odor, ns

LS: cm/lt bm/lt gry-bm, micro-m xtal, some silty, chalky, cm/lt bm chert, foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk/maroon, silty, carb, soft-firm.

SH: lt-dk gry/blk/red-bm, silty, carb, soft-firm.

LS: cm/lt-m bm/min lt gry, micro-m xtal, some chalky, some silty, min cm/lt bm chert, foss frags, no vis por, no odor, ns. 3 pcs w/staining w/vf-crs por w/no fo.

LS: cm/lt bm/min lt gry, micro-m xtal, some chalky, some silty, wht/cm/lt gry/lt bm chert, foss frags, no vis por, no odor, ns.

SH: m gry/blk, some silty, slt carb, soft-firm, fissile.

LS: cm/lt-m bm/lt gry-bm, micro-m xtal, some chalky, some silty, wht/cm/lt bm chert, foss frags, 9 pcs w/staining/sfo, vf-crs in-xtal por, brit yel fluor, no odor, sfo.

LS: cm/lt bm, micro-m xtal, some silty, chalky, wht/cm/lt bm chert, foss frags/fusln, no vis por, no odor, ns. 1 pce w/sfo assume from above.

LS: cm/lt-m bm, micro-m xtal, some silty, some chalky, min lt bm/cm chert, foss frags, no vis por, no odor, ns.

SH: blk, slt silty, carb, firm, fissile.

LS: cm/lt-m bm, micro-m xtal, some chalky, some silty/arg, foss frags, no vis por, no odor, ns.

LS: cm/lt-m bm, micro-m xtal, some chalky, min silty, min lt bm chert, min pyritic, foss frags, no vis por, no odor.

SH: lt-dk gry/blk, some vry silty, carb, soft-firm.

LS: cm/lt-dk bm, micro-m xtal, some chalky, some silty, foss frags, no vis por, no odor, ns.

LS: cm/lt-dk bm, micro-m xtal, some chalky, some silty, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/maroon-bm, some vry silty, carb, soft-firm.

LS: cm/lt-m bm, micro-m xtal, some chalky, min foss frags, 22 pcs w/sfo, vf-crs in-xtal por, dul yel fluor, no odor, sfo.

LS: cm/lt bm/lt yel, micro-m xtal, some vry silty/sndy, chalky, min foss frags, 7 pcs w/sfo w/pptm in-xtal por, no fluor, no odor, sfo.

SS: lt gry/lt-dk brn/dk green, vf-m, sr-wr, arg, carb, no vis por, friable, no odor, ns.

SH: lt-dk gry/lt green/maroon/red-bm/mustard yel, some vry silty, slt carb, soft-firm.

LS: wht/cm/min lt yel, vf-m xtal, vry silty/sndy, vry chalky, oolitic, no vis por, no odor, ns.

LS: wht/cm, some red spec mottling, micro-m xtal, vry sndy, vry chalky, oolitic, no vis por, no odor, ns.

LS: wht/cm/min lt yel, micro-m xtal, some vry sndy/chalky, oolitic, some wht-opaque/orange chert, no vis por, no odor, ns.

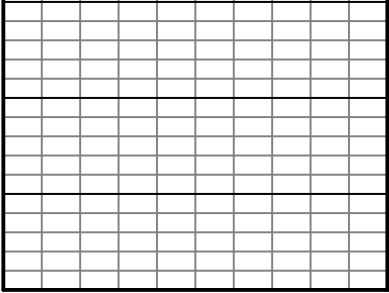
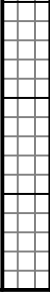
LS: cm/lt gry/lt bm/min lt yel, micro-m xtal, some vry sndy/chalky, wht chert, oolitic, no vis por, no odor, ns.

LS: cm/lt bm/min lt gry, micro-m xtal, some vry sndy/chalky, increase in wht chert, oolitic, no vis por, no odor, ns.

Dolo: lt-m bm, vf-f xtal, sucrosic, ppt-vf in-xtal por, 1 pce w/micro oil droplets on break, slt crush odor, no fluor, slt sfo.

TD @4560'; 02:18am, 01/22/2023

CFS @4560'
Stop/30"/60"
Conducted 10 stand short trip,
then CTCH 1.5 hrs, then TOH for
logging.

					
	00				

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
1/14/2023	35851

BILL TO

Shakespeare Oil Company, Inc
202 West Main Street
Salem, IL 62881

- Acidizing
- Cement
- Tool Rental

RECEIVED
JAN 23 2023

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	C.D. Common ^{COMM}	Gove	Duke Drlg	Oil	Development	<u>Surface</u>	Jonathan
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			80	Miles	7.00	560.00	
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)			1	Job	1,100.00	1,100.00	
290	D-Air			3	Gallon(s)	42.00	126.00T	
325	Standard Cement			170	Sacks	15.00	2,550.00T	
278	Calcium Chloride			8	Sack(s)	40.00	320.00T	
279	Bentonite Gel			6	Sack(s)	40.00	240.00T	
581D	Service Charge Cement			170	Sacks	2.00	340.00	
583D	Drayage			667.2	Ton Miles	1.00	667.20	
Subtotal							5,903.20	
Sales Tax Gove County						8.50%	275.06	
We Appreciate Your Business!						Total	\$6,178.26	

DW



Services, Inc.

CHARGE TO: Shakespeare 0.1

TICKET 35851

ADDRESS

CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays, KS</u>	<u>1-27</u>	<u>C.D. Camm</u>	<u>Grove</u>	<u>KS</u>		<u>8/14/23</u>	<u>Same</u>
2. <u>Ness City, KS</u>	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	<u>Duke Drilling</u>		<u>#24</u>	<u>CT</u>	<u>Location</u>		
4.	WELL TYPE <u>0.1</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Surface</u>		WELL PERMIT NO.	WELL LOCATION	
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM		UM			
575		1			MI LEASE #113	30	mi			7.00	560.00
5765		1			Pump Charge - Shallow Surface	1	EA			1100.00	1100.00
290		1			D-4r	3	gal			42.00	126.00
325		2			Standard Cement	176	SKS			15.00	2550.00
278		2			Calcium Chloride	8	SKS			40.00	320.00
279		2			Bentonite Gel	6	SKS			40.00	240.00
581		2			Service Charge Cement	176	SKS			2.00	340.00
583		2			Drayage	1	ea			1.00	1.00

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

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

DATE SIGNED X Hesta Tor TIME SIGNED ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERS TOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES	☐ NO	
☐ CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL

TOTAL

5,903.00

6178.20

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

SWIFT OPERATOR

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

01/14/2023

PAGE NO.

1

CUSTOMER

Shakespeare Oil Co

WELL NO.

1-27

LEASE

C.D. Cornin

JOB TYPE

Surface

TICKET NO.

35851

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
01/13/23	2330							On location, Rig on Bottom Conditioning Hole.
								213.21' of 8 5/8" x 23#
								11' Landing Jt
								Set @ 224'
	0100							Break Circulation on Bottom
								Hook up to Swift
	0115	3 1/2	6				200	Pump water ahead.
		3 3/4					200	Start Cement
		3 3/4	41					Finish Cement, Start Displ.
		3 3/4	45				300	Cement Circulating
	0130	3 3/4	54				300	Finish Displacement, Shut Down
								Shut in, Release Truck
	0135							Wash up
								Rack up
	0150							Job Complete
								Thanks
								Jon, Joe & Brett



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



Invoice

DATE	INVOICE #
3/9/2023	36031

BILL TO
Shakespeare Oil Company, Inc 202 West Main Street Salem, IL 62881

RECEIVED

MAR 20 2023

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	CD Comm	Gove	Wild West	Oil	Development	Perf Squeeze	Gideon
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			90	Miles	8.00	720.00	
578D-D	Pump Charge - <u>Deep Squeeze (> 1500 Ft.)</u>			1	Job	1,700.00	1,700.00	
325	Standard Cement			50	Sacks	16.00	800.00T	
286	Halad-1 (Halad 9)			15	Lb(s)	8.00	120.00T	
290	D-Air			1	Gallon(s)	42.00	42.00T	
288	Sand (20/40 Brady)			2	Sack(s)	22.00	44.00T	
581D	Service Charge Cement			50	Sacks	2.00	100.00	
582D	Minimum Drayage Charge			1	Each	350.00	350.00	
Subtotal							3,876.00	
Sales Tax Gove County						8.50%	85.51	
We Appreciate Your Business!						Total	DW \$3,961.51	

502-5 9

DW



CHARGE TO: Shakespeare Oil
ADDRESS
CITY, STATE, ZIP CODE

TICKET 36031
PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO. <u>1-27</u>	LEASE <u>CD. Comm</u>	COUNTY/PARISH <u>Craig</u>	STATE <u>KS</u>	CITY	DATE <u>3/9/2003</u>	OWNER
1. <u>Ness City, KS</u>	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR <u>Wild West</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO	ORDER NO.	
2.	WELL TYPE <u>D/I</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Ref Squeeze</u>	WELL PERMIT NO.	WELL LOCATION <u>S/d of Campus, KS</u>		
3.	INVOICE INSTRUCTIONS						
4.							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT	
		LOC	ACCT	DF			U/M		U/M		
576		1			MILEAGE Trk #114			90	m	8.00	720.00
578		1			Pump Charge - Squeeze			1	job	1,700.00	1,700.00
325		1			Standard Cement			50	sk	16.00	800.00
286		1			Halad-1			15	lbs	8.00	120.00
290		1			D-Air			1	gal	42.00	42.00
288		1			Sand			2	sk	22.00	44.00
581		1			Cement Squeeze Charge			50	sk	2.00	100.00
682		1			Minimum Drayage Charge			1	job	350.00	350.00

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

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

X

DATE SIGNED 3/9/2003 TIME SIGNED 2:15 ☐ A.M. ☒ P.M.

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

SURVEY

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

PAGE TOTAL 1

TOTAL 3961.51

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

SWIFT OPERATOR Duncan Fuchs APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

3/9/2023 1

PAGE NO.

CUSTOMER

Shakespeare Oil

WELL NO.

1-27

LEASE

CD Comm.

JOB TYPE

Perf Squeeze

TICKET NO.

36031

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION 2 3/8" x 5 1/2"
								Perf: 4032'-36' PKR: 3,959'
								4026'-28' RBP: 4,062
		3	6.5	✓		1,500		Test Tools @ 4038'
								*Hold
	1000	2	8	✓		300		Spot SAND @ 4,038'
								Lct Fall
	1030							Pull PKR to 3,959'
	1040	3	20	✓		300		LOAD BS + P. Test to 300 PSI
								*Hold - Release PSI + leave open
	1110	1 1/2	6	✓		1,000		Injection RATE
	1120	1 1/2	10.5	✓		1,000		Mix 50 sks of STANDARD Cement
								w/ HALAD in first 15 sks
	1127							-Wash Pump + Lines
	1132	1 1/2	0	✓		0		Begin Displacement
		1 1/2	3	✓		400		Caught PSI
		1/2	13	✓		1500		
	1142	-	14	✓		1500		KO Pump @ 14 bbl
	1142	Ø	14	✓		1500		Stage
	1202							Release PSI → Flow back 3/4 bbl
	1210	Ø		✓		1500		Re-Stage *Shut in + Wash Trk
	1230	Ø		✓		750 → 1500		Tie back on to tb. Holding 750 → stage
	1240							Release PSI *Hold*
		Avg					Avg	
	1255	2	60	✓		600		Reverse Clean + Wash Through Squeeze
								+ Reverse SAND off Plug
	1330							Pull 5 JTs + PSI up to 5200 *Shut in*
	1340							Job Complete
								50 sks used Approx 40 sks in Perfs
								THANKS!

Gideon, Mock, John

SWIFT

Services, Inc.

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



Invoice

DATE	INVOICE #
1/23/2023	34953

BILL TO
Shakespeare Oil Company, Inc 202 West Main Street Salem, IL 62881

Received
JAN 31 2023

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	CD Comm	Gove	Duke Rig #4	Oil	Development	Long String	Gideon
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			90	Miles	7.00	630.00	
578D-L	Pump Charge - Long String			1	Job	1,600.00	1,600.00	
281	Mud Flush			500	Gallon(s)	2.00	1,000.00T	
221	Liquid KCL (Clayfix)			2	Gallon(s)	25.00	50.00	
290	D-Air			5	Gallon(s)	42.00	210.00T	
419-5	5 1/2" Rotating Head Rental			1	Each	250.00	250.00T	
325	Standard Cement			200	Sacks	15.00	3,000.00T	
284	Calseal			9	Sack(s)	50.00	450.00T	
283	Salt			1,000	Lb(s)	0.25	250.00T	
277	Gilsonite (Coal Seal)			650	Lb(s)	1.25	812.50T	
292	Halad 322			200	Lb(s)	9.00	1,800.00T	
276	Flocele			25	Lb(s)	3.00	75.00T	
581D	Service Charge Cement			200	Sacks	2.00	400.00	
583D	Drayage			971	Ton Miles	1.00	971.00	
Subtotal							11,498.50	
Sales Tax Gove County						8.50%	667.04	
We Appreciate Your Business!						Total	\$12,165.54	

DW



Services, Inc.

CHARGE TO: Shakespeare Oil & Gas

TICKET 34953

ADDRESS

CITY, STATE, ZIP CODE

PAGE 1 OF 2

SERVICE LOCATIONS
1. Ness City, KS

2.

3.

4.

REFERRAL LOCATION

WELL/PROJECT NO.

LEASE

COUNTY/PARISH

STATE

CITY

DATE

OWNER

TICKET TYPE

CONTRACTOR

RIG NAME/NO.

SHIPPED

DELIVERED TO

ORDER NO.

WELL TYPE

WELL CATEGORY

JOB PURPOSE

WELL PERMIT NO.

WELL LOCATION

INVOICE INSTRUCTIONS

Oil

Development

Long String

4 of Campus, KS

PRICE REFERENCE

SECONDARY REFERENCE/ PART NUMBER

ACCOUNTING

DESCRIPTION

QTY.

U/M

QTY.

U/M

UNIT PRICE

AMOUNT

575

1

MILEAGE

90

mi

7.00

630.00

578

1

Pump Charge - Long String

1

job

1,600.00

1,600.00

281

1

Mud Flush

200

gal

2.00

400.00

284

1

Liquid KCL

2

gal

26.00

52.00

290

1

D-Air

5

gal

42.00

210.00

419

1

Rotating Head Charge

5

hr

230.00

230.00

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

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

X

DATE SIGNED 1/23/2003 TIME SIGNED 7:15 ☒ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.

P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

SURVEY

AGREE

UNDECIDED

DISAGREE

PAGE TOTAL

3740.00

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

YES

NO

NO

7.75

7.75

WE UNDERSTOOD AND MET YOUR NEEDS?

YES

NO

NO

11.49

11.49

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

YES

NO

NO

6.00

6.00

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

YES

NO

NO

6.00

6.00

ARE YOU SATISFIED WITH OUR SERVICE?

YES

NO

NO

TOTAL

12115.34

SWIFT OPERATOR

Michael French

APPROVAL

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

Thank You!



TICKET
No. 34953

34653

PO Box 466

Ness City, KS 67560

Off: 785-798-2300

Services, Inc.

PRICE REFERENCE		SECONDARY REFERENCE/ PART NUMBER		ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
				LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325								Standard Cement	200	SKS	15	100	3000	100
384								Calsol	9	SKS	50	100	450	100
383								Salt	1,000	LB	0.205	100	200	100
377								Gilsonite	600	LB	1	35	812	100
392								HALAD-3200	200	LB	9	100	1,800	100
376								Flocok	25	LB	3	100	75	100
581														
583														
SERVICE CHARGE MILEAGE TOTAL WEIGHT CHARGE									Cement		LOADED MILES		CUBIC FEET	
									21,575		903		971	
									200		2		400	
									971		1		971	
CONTINUATION TOTAL														7,758

SWIFT Services, Inc.

1123/21223 1

TICKET NO.

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Shakespeare Oil & Gas	1-27	CTA Comm	Long String	34953

[illegible]



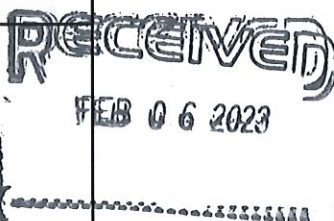
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
1/27/2023	35839

BILL TO
Shakespeare Oil Company, Inc 202 West Main Street Salem, IL 62881



- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	CD Comm	Gove	Cheyenne	Oil	Development	Port Collar	David E
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way			70	Miles	7.00	490.00	
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars			1	Job	1,600.00	1,600.00	
290	D-Air			2	Gallon(s)	42.00	84.00T	
275	Cotton Seed Hulls			1	Sack(s)	35.00	35.00T	
330	Swift Multi-Density Standard (MIDCON II)			240	Sacks	19.50	4,680.00T	
276	Flocele			50	Lb(s)	3.00	150.00T	
581D	Service Charge Cement			250	Sacks	2.00	500.00	
583D	Drayage			872	Ton Miles	1.00	872.00	
Subtotal							8,411.00	
Sales Tax Gove County						8.50%	420.67	
We Appreciate Your Business!						Total	\$8,831.67	

502-5 4

DW



TICKET
35839

PAGE 1 OF

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE	70	mi.	7	00	490 00
5760					Pump Charge- Port Collier	1	ea	1600	00	1600 00
290					D-THR	2	bar	42	00	84 00
275					Cotton Seed Hulls	1	5x	35	00	35 00
330					Sauft Multi Density	246	5x	19	50	4680 00
276					Flacole	50	lbs	3	00	150 00
581					Service Charge Cmt	250	5x	2	00	500 00
583					Drayage	872	7m	1	00	872 00

Thank You!

SWIFT Services, Inc.

1-27-23

TICKET NO.

SECRET NO:
35839

WELL NO.

LEASE

JOB TYPE	DATE	TIME	LOCATION	STATUS
...	...	...	...	...

CUSTOMER
Shakespeare of 1

1-27

JOB TITLE
Port Collier

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	900							On location
								TBA - 2 3/4
								Csg - 5 1/2
								Port Collar - 2376
						1200		Test tools - held
								open port Collar
		3.5				1200		Take injection rate
		5	0			1400		START CEMENT @ 11.2 104
		5	120			1400		CMT Circ to surf - Raise wgt
								to 14.5 114 - 25 SA
		5	125			1400		END CMT
		3	0					START Disp
		3	7.5			1500		END Disp
								Close Port Collar
						1200		Test tools - held
								Run 5 OTS
		4	20			300		Reverse out
	1030							JOB Complete
								Thanks
								DAVID, SETH & JOHN