

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	SCHOWALTER 2-7
Doc ID	1591882

Tops

Name	Top	Datum
Base Anhydrite	2386	+627
Heebner	3936	-923
Lansing	3974	-961
Muncie Creek	4146	-1133
Stark Shale	4247	-1234
Hushpuckney	4289	-1276
Marmaton	4375	-1362
Pawnee	4454	-1441
Cherokee Shale	4535	-1522
Johnson	4576	-1563
Mississippian	4663	-1650



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66962

DST#: 1

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:33:15

Time Test Ended: 04:33:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4006.00 ft (KB) To 4030.00 ft (KB) (TVD)

Total Depth: 4030.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3013.00 ft (KB)

3005.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8874 Inside

Press@RunDepth: 160.45 psig @ 4007.00 ft (KB)

Start Date: 2021.09.11

End Date: 2021.09.12

Start Time: 20:30:05

End Time: 04:33:44

Capacity: 8000.00 psig

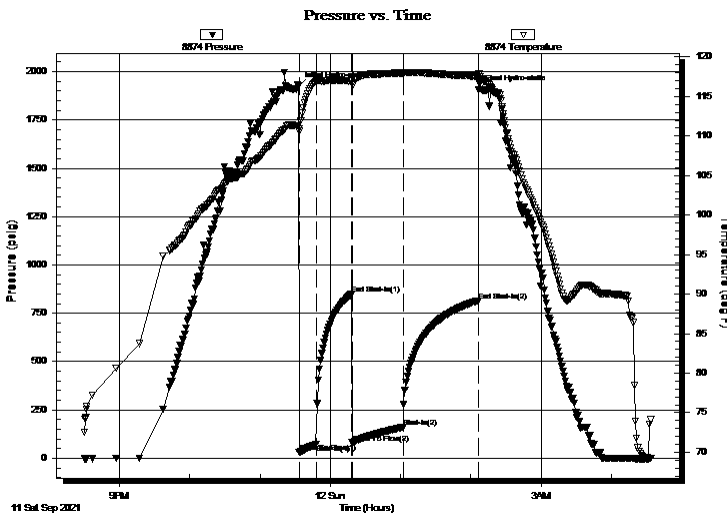
Last Calib.: 2021.09.12

Time On Btm: 2021.09.11 @ 23:32:45

Time Off Btm: 2021.09.12 @ 02:06:45

TEST COMMENT: 15- IF: 10.4" blow .
30- IS: No return.
45- FF: 15.5" blow .
60- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.00	111.32	Initial Hydro-static
1	31.84	110.59	Open To Flow (1)
16	71.51	116.90	Shut-In(1)
46	848.79	116.94	End Shut-In(1)
46	78.70	116.66	Open To Flow (2)
90	160.45	117.95	Shut-In(2)
154	814.86	117.55	End Shut-In(2)
154	1908.65	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mcw 5m 95w (oil spots in tool)	4.42

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66962

DST#: 1

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:33:15

Time Test Ended: 04:33:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: **4006.00 ft (KB) To 4030.00 ft (KB) (TVD)**

Total Depth: 4030.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3013.00 ft (KB)

3005.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4007.00 ft (KB)

Start Date: 2021.09.11 End Date: 2021.09.12

Start Time: 20:30:05 End Time: 04:33:44

Capacity: 8000.00 psig

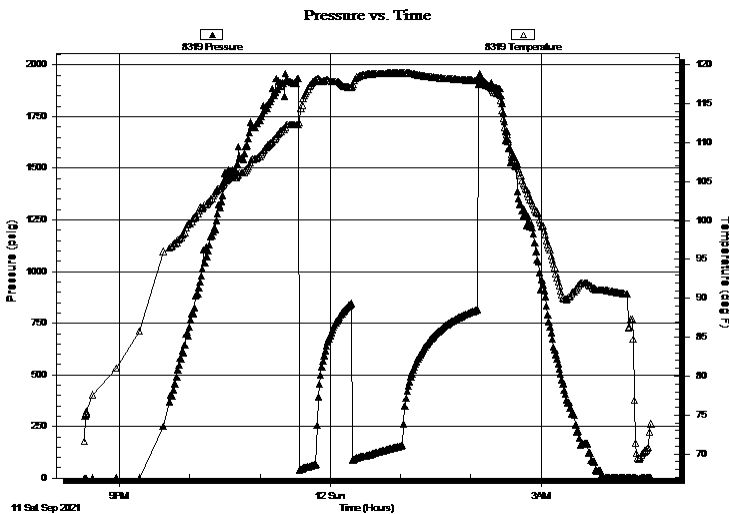
Last Calib.: 2021.09.12

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF: 10.4" blow .
30- IS: No return.
45- FF: 15.5" blow .
60- FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mcw 5m 95w (oil spots in tool)	4.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66962

DST#: 1

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

46000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 2000.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	mcw 5m 95w (oil spots in tool)	4.419

Total Length: 315.00 ft Total Volume: 4.419 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .139 @ 77F = 46000ppm

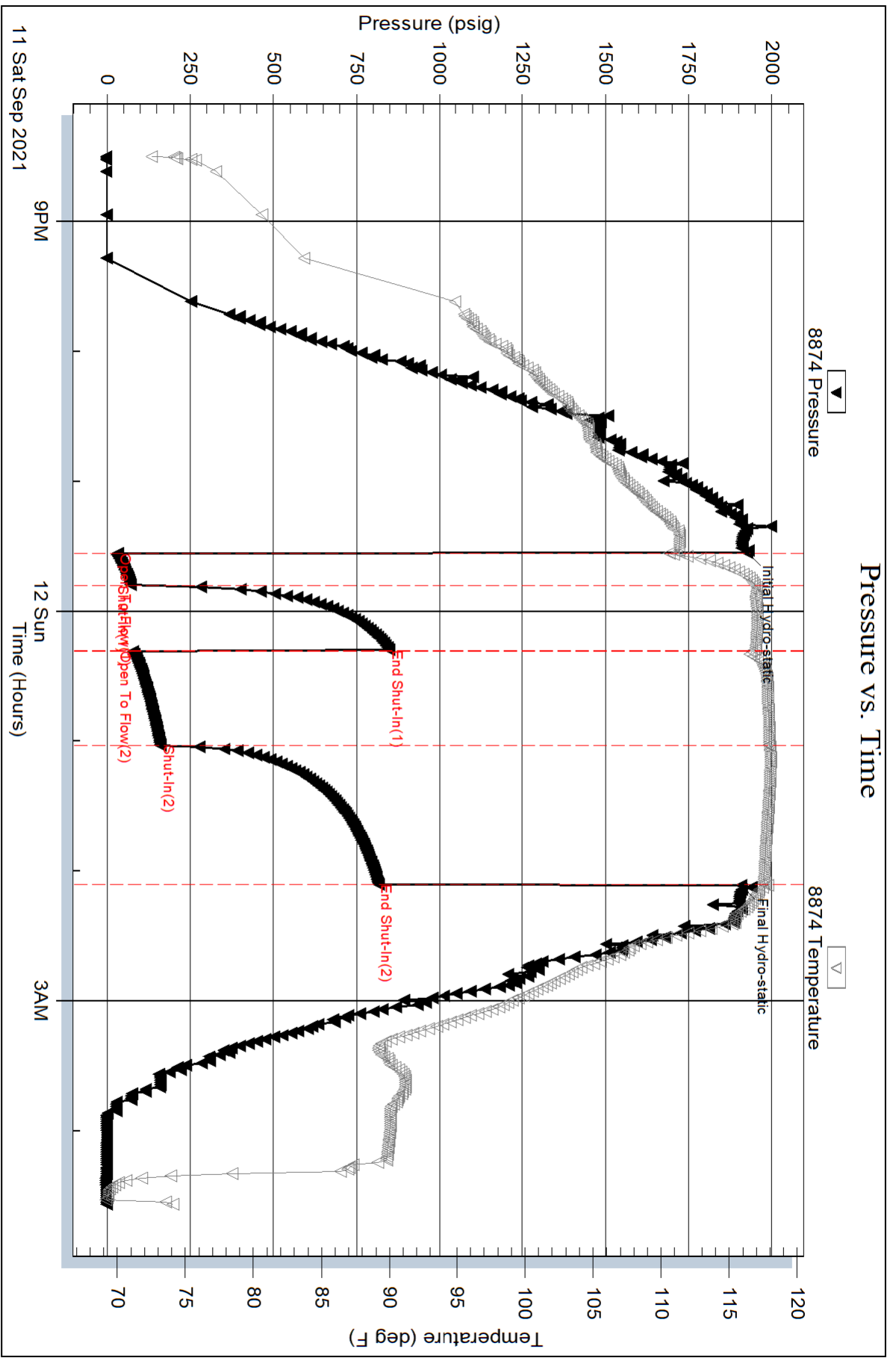
Serial #: 8874

Inside

Shakespeare Oil Co, Inc.

Schowalter 2-7

DST Test Number: 1

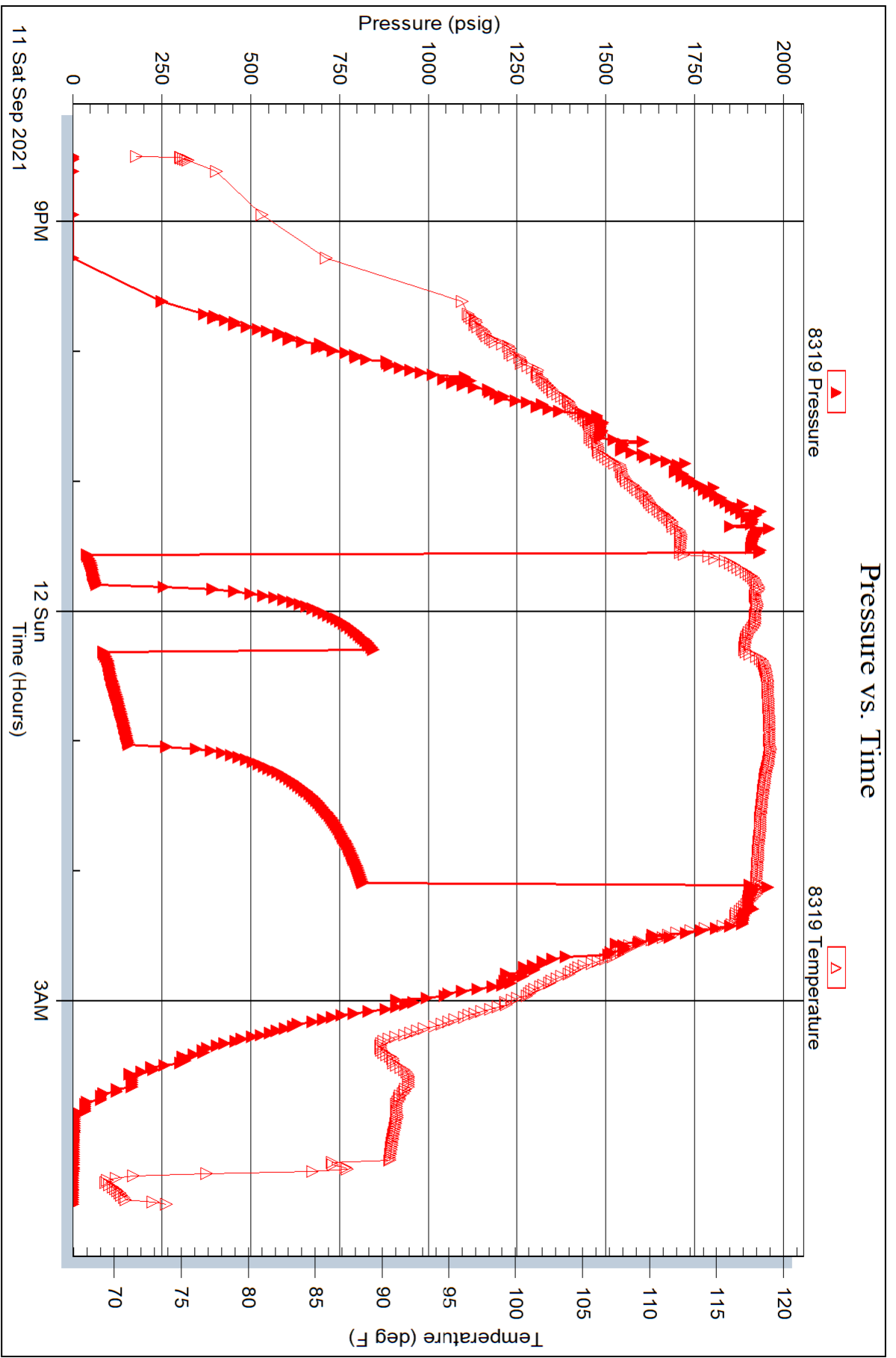


Serial #: 8319

Outside Shakespeare Oil Co, Inc.

Schowalter 2-7

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66963

DST#: 2

ATTN: Kent Matson

Test Start: 2021.09.12 @ 22:33:00

GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:16:15

Time Test Ended: 06:42:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4144.00 ft (KB) To 4180.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4180.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874

Inside

Press@RunDepth: 301.63 psig @ 4145.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.12

End Date:

2021.09.13

Last Calib.:

2021.09.13

Start Time:

22:33:05

End Time:

06:42:29

Time On Btm:

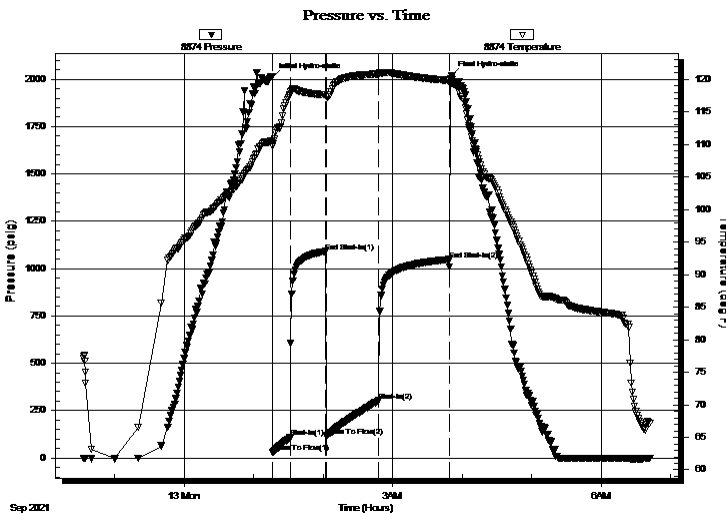
2021.09.13 @ 01:16:00

Time Off Btm:

2021.09.13 @ 03:51:00

TEST COMMENT: 15- IF: BOB @ 9 min. 16.2"
30- IS: No return.
45- FF: BOB @ 11 min. 41.4"
60- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.17	110.62	Initial Hydro-static
1	31.06	109.77	Open To Flow (1)
16	107.08	117.68	Shut-In(1)
46	1091.00	117.64	End Shut-In(1)
47	114.00	117.32	Open To Flow (2)
92	301.63	120.85	Shut-In(2)
153	1048.37	119.85	End Shut-In(2)
155	2018.35	119.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 5m 95w (oil spots throughout)	8.84

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

ATTN: Kent Matson

Job Ticket: 66963

DST#: 2

Test Start: 2021.09.12 @ 22:33:00

GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:16:15

Time Test Ended: 06:42:30

Interval: 4144.00 ft (KB) To 4180.00 ft (KB) (TVD)

Total Depth: 4180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Reference Elevations: 3013.00 ft (KB)

3005.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4145.00 ft (KB)

Start Date: 2021.09.12

End Date: 2021.09.13

Start Time: 22:33:05

End Time: 06:42:44

Capacity: 8000.00 psig

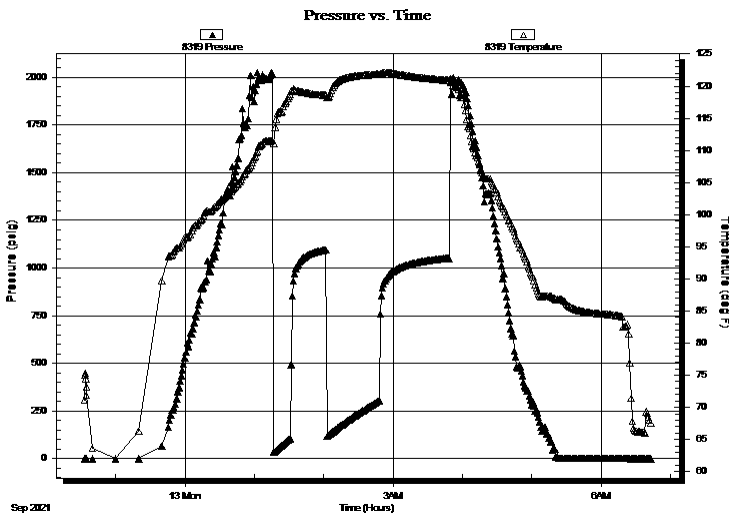
Last Calib.: 2021.09.13

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF: BOB @ 9 min. 16.2"
30- IS: No return.
45- FF: BOB @ 11 min. 41.4"
60- FSI: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 5m 95w (oil spots throughout)	8.84

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66963

DST#: 2

ATTN: Kent Matson

Test Start: 2021.09.12 @ 22:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

61000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
630.00	mcw 5m 95w (oil spots throughout)	8.837

Total Length: 630.00 ft Total Volume: 8.837 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

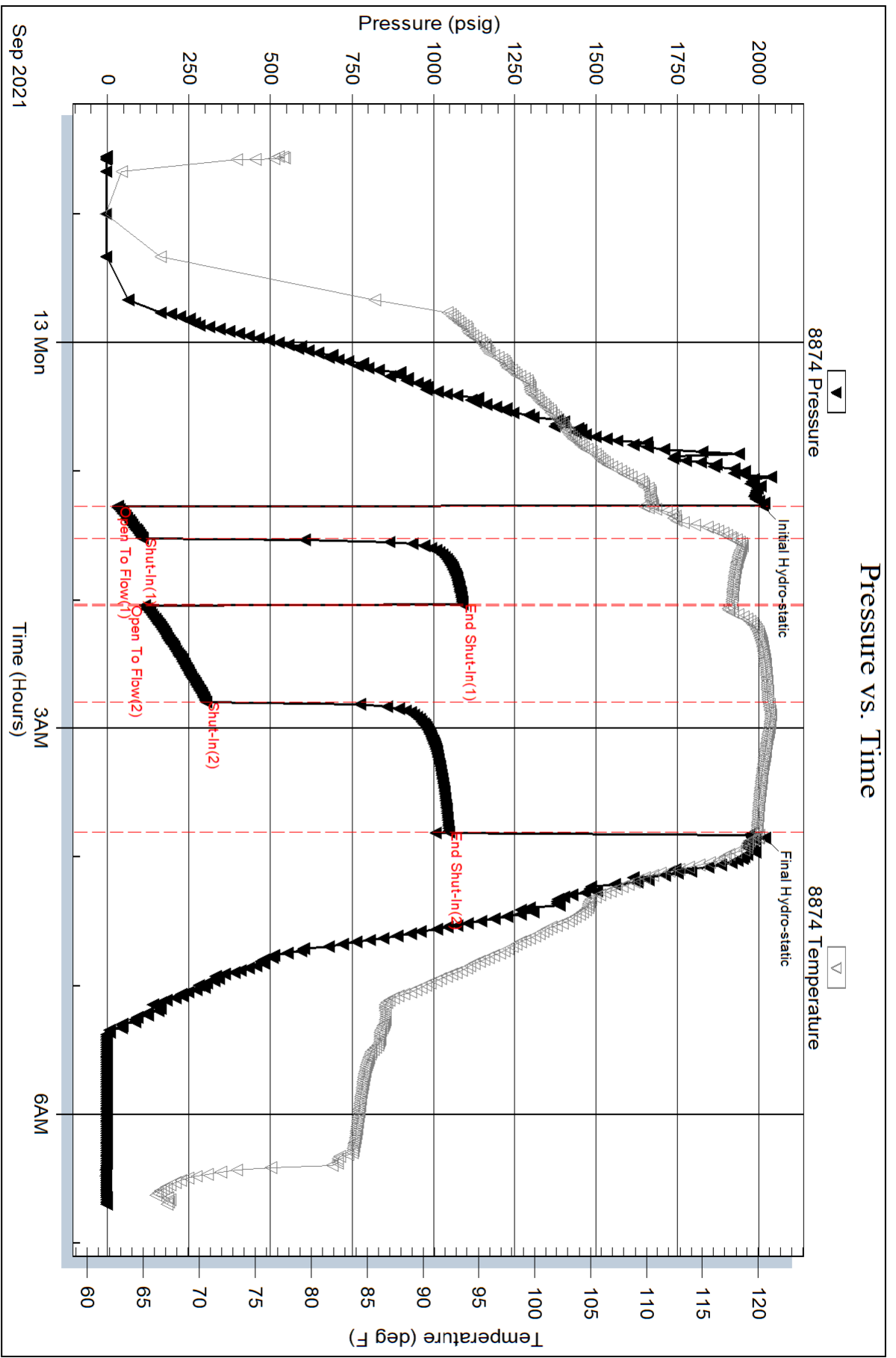
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: H2S present

RW is .121 @ 69F = 61000ppm

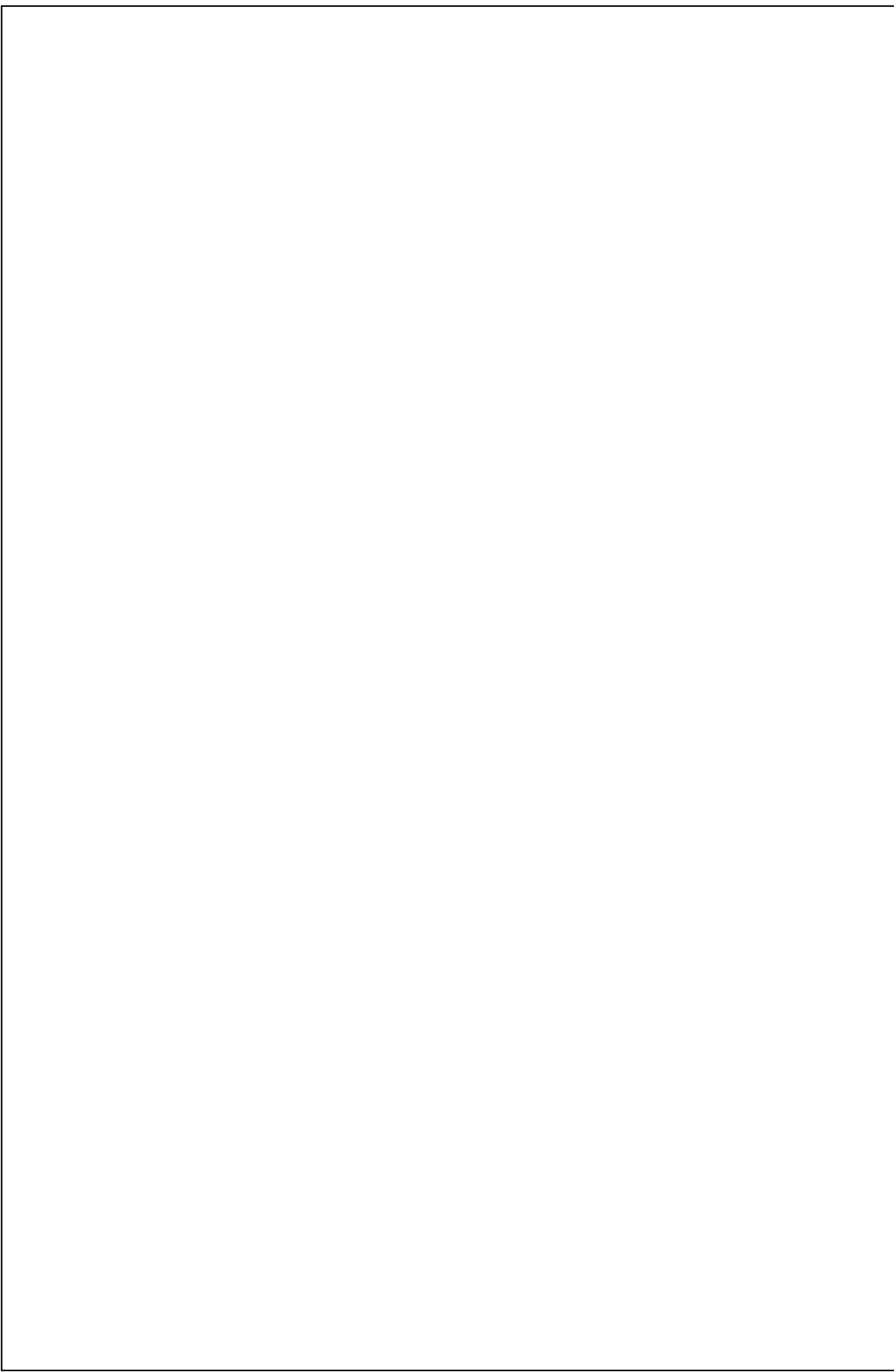


Serial #: 8319

Outside Shakespeare Oil Co, Inc.

Schowalter 2-7

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 66963

Printed: 2021.09.13 @ 07:03:54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schwalter 2-7

Job Ticket: 66964

DST#: 3

ATTN: Kent Matson

Test Start: 2021.09.14 @ 16:07:00

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:13:00

Time Test Ended: 21:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4396.00 ft (KB) To 4415.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4415.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874 Inside

Press@RunDepth: 17.14 psig @ 4397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.14 End Date: 2021.09.14

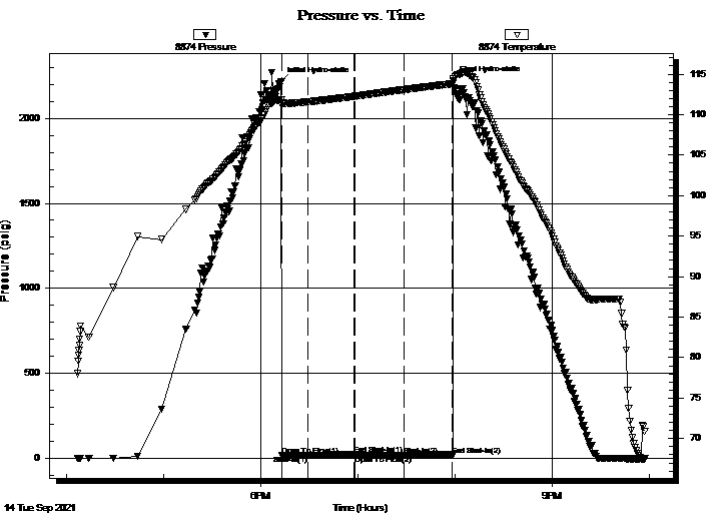
Last Calib.: 2021.09.14

Start Time: 16:07:05 End Time: 21:56:59

Time On Btm: 2021.09.14 @ 18:12:45

Time Off Btm: 2021.09.14 @ 19:59:00

TEST COMMENT: 15- IF: Surface blow .
30- IS: No return.
30- FF: No blow .
30- FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.02	111.88	Initial Hydro-static
1	17.01	111.14	Open To Flow (1)
17	17.57	111.58	Shut-In(1)
45	19.61	112.27	End Shut-In(1)
46	16.95	112.27	Open To Flow (2)
76	17.14	113.09	Shut-In(2)
106	19.29	113.81	End Shut-In(2)
107	2221.59	114.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100m	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66964

DST#: 3

ATTN: Kent Matson

Test Start: 2021.09.14 @ 16:07:00

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:13:00

Time Test Ended: 21:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: **4396.00 ft (KB) To 4415.00 ft (KB) (TVD)**

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4415.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.14

End Date:

2021.09.14

Last Calib.:

2021.09.14

Start Time: 16:07:05

End Time:

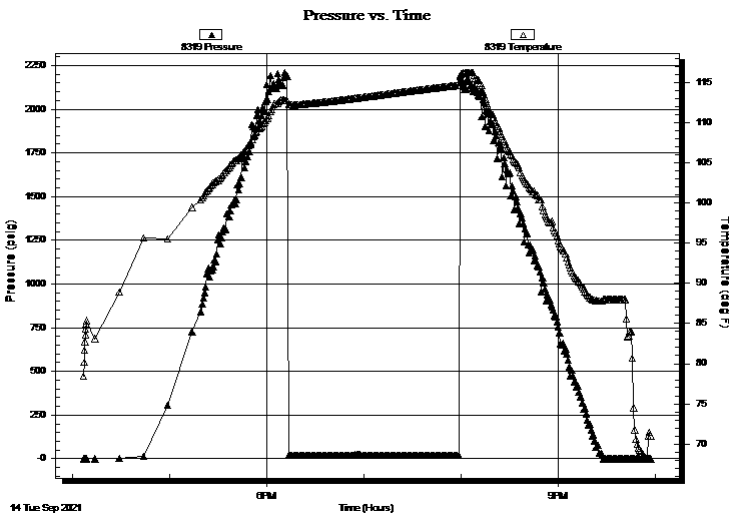
21:56:59

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF: Surface blow .
30- ISI: No return.
30- FF: No blow .
30- FSI: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100m	0.03

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66964

DST#: 3

ATTN: Kent Matson

Test Start: 2021.09.14 @ 16:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

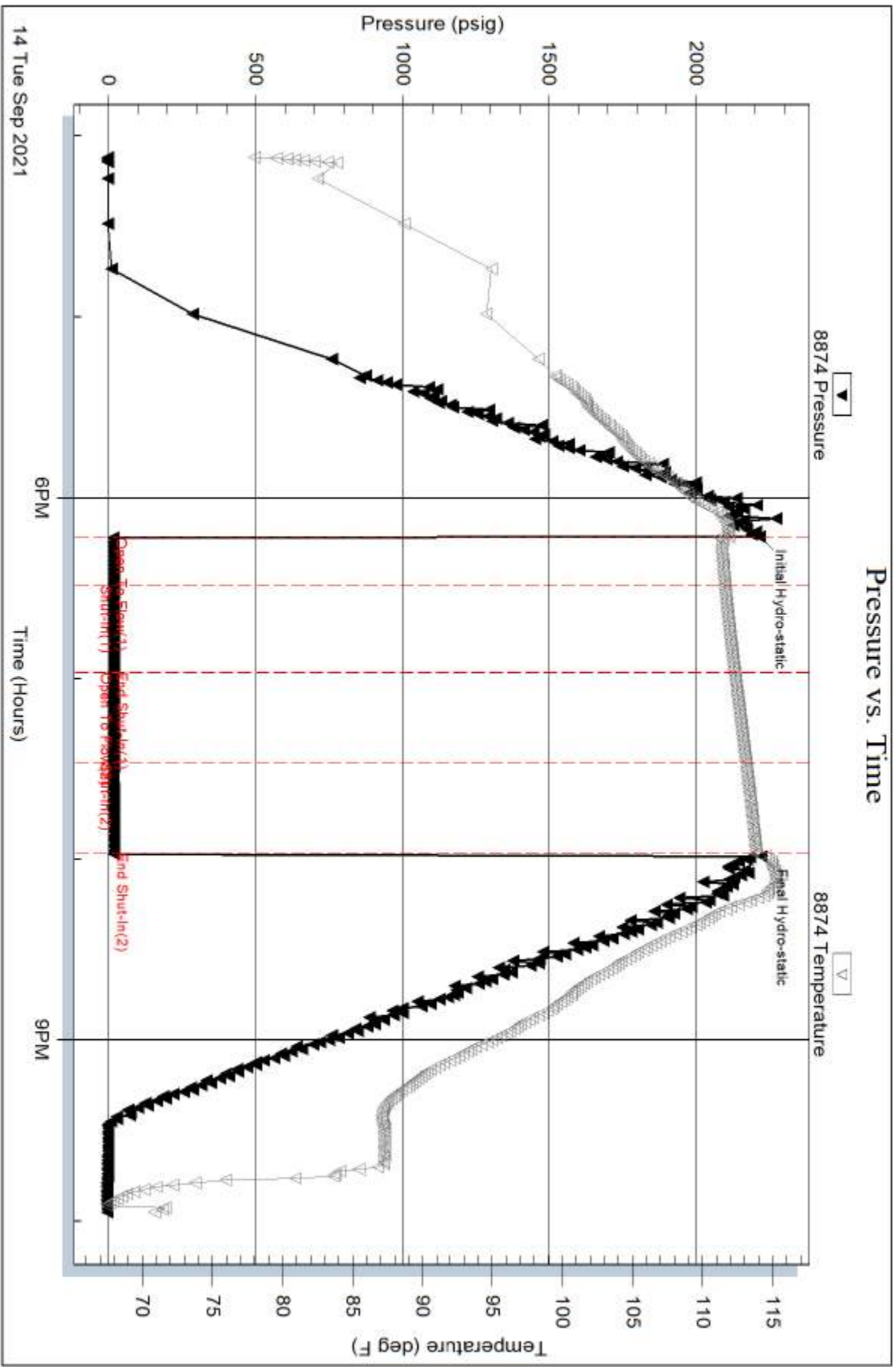
Serial #: 8874

Inside

Shakespeare Oil Co. Inc.

Show after 2-7

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 66964

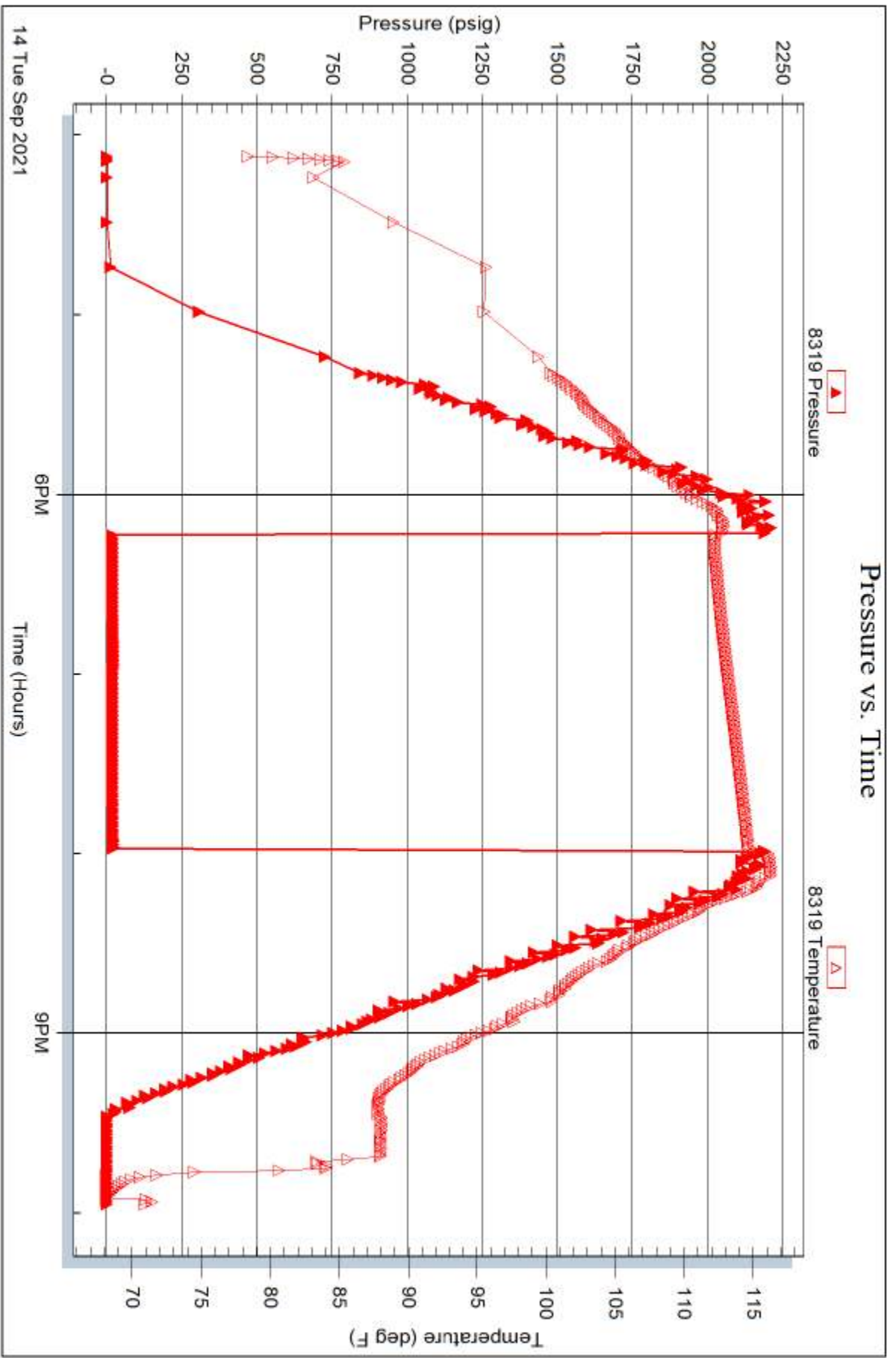
Printed: 2021.09.14 @ 22:32:54

Serial #: 8319

Outside Shakespeare Oil Co. Inc.

Schow alter 2-7

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66965

DST#: 4

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4554.00 ft (KB) To 4620.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874

Press@RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.16

End Date: 2021.09.16

Last Calib.: 2021.09.16

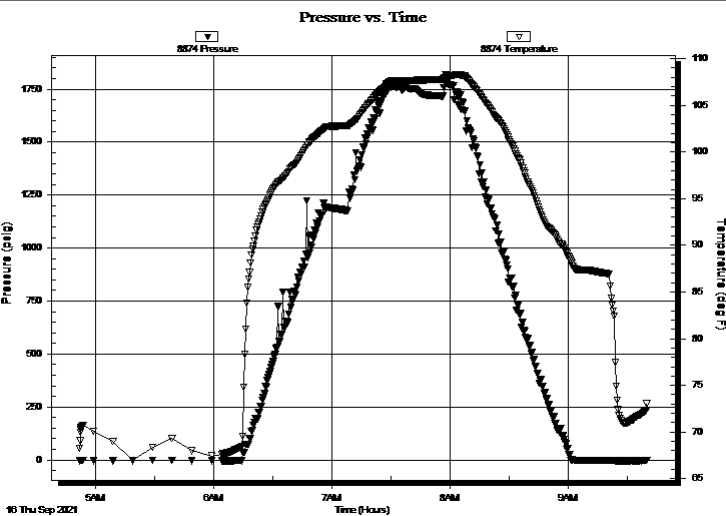
Start Time: 04:52:05

End Time: 09:39:59

Time On Btm:

Time Off Btm:

TEST COMMENT: Misrun
Lost circulation



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66965

DST#: 4

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4554.00 ft (KB) To 4620.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8319

Press@RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.16

End Date: 2021.09.16

Last Calib.: 2021.09.16

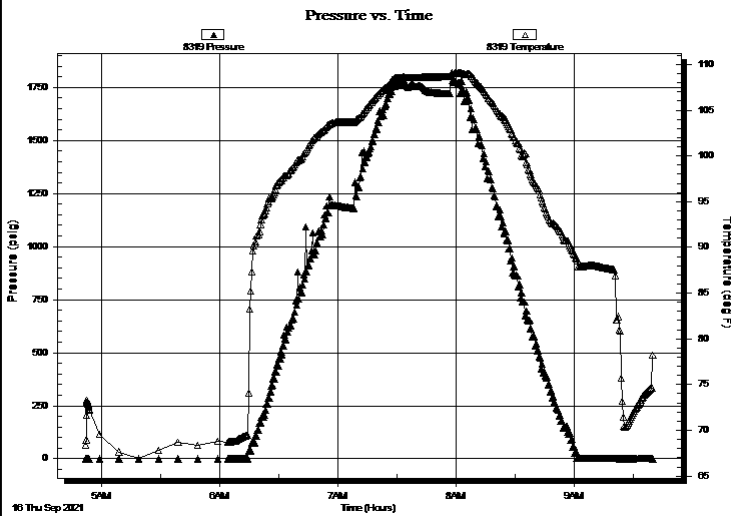
Start Time: 04:52:05

End Time: 09:39:59

Time On Btm:

Time Off Btm:

TEST COMMENT: Misrun
Lost circulation



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66965

DST#: 4

ATTN: Kent Matson

Test Start: 2021.09.11 @ 20:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length:

ft

Total Volume:

bbbl

Num Fluid Samples: 0

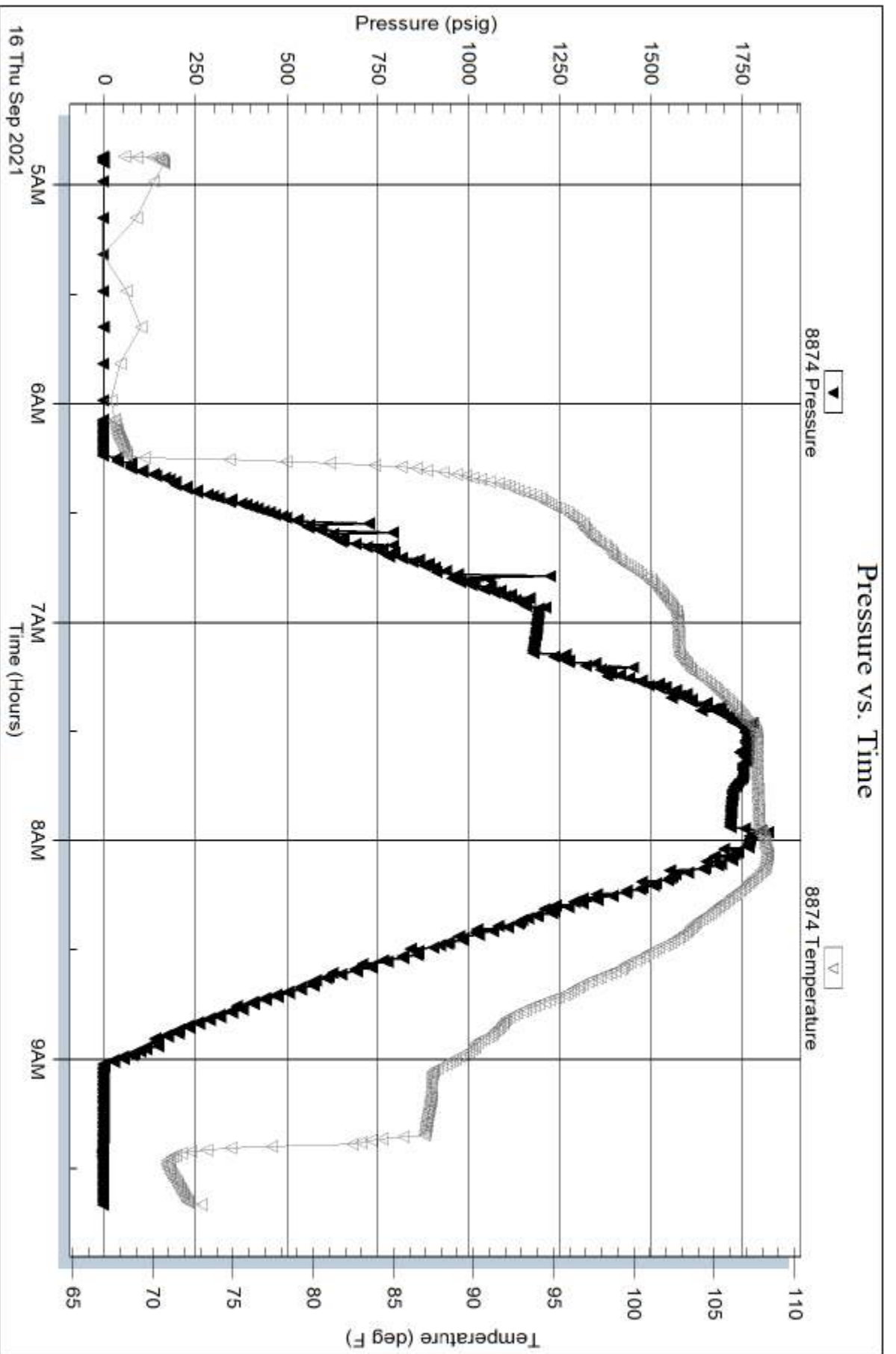
Num Gas Bombs: 0

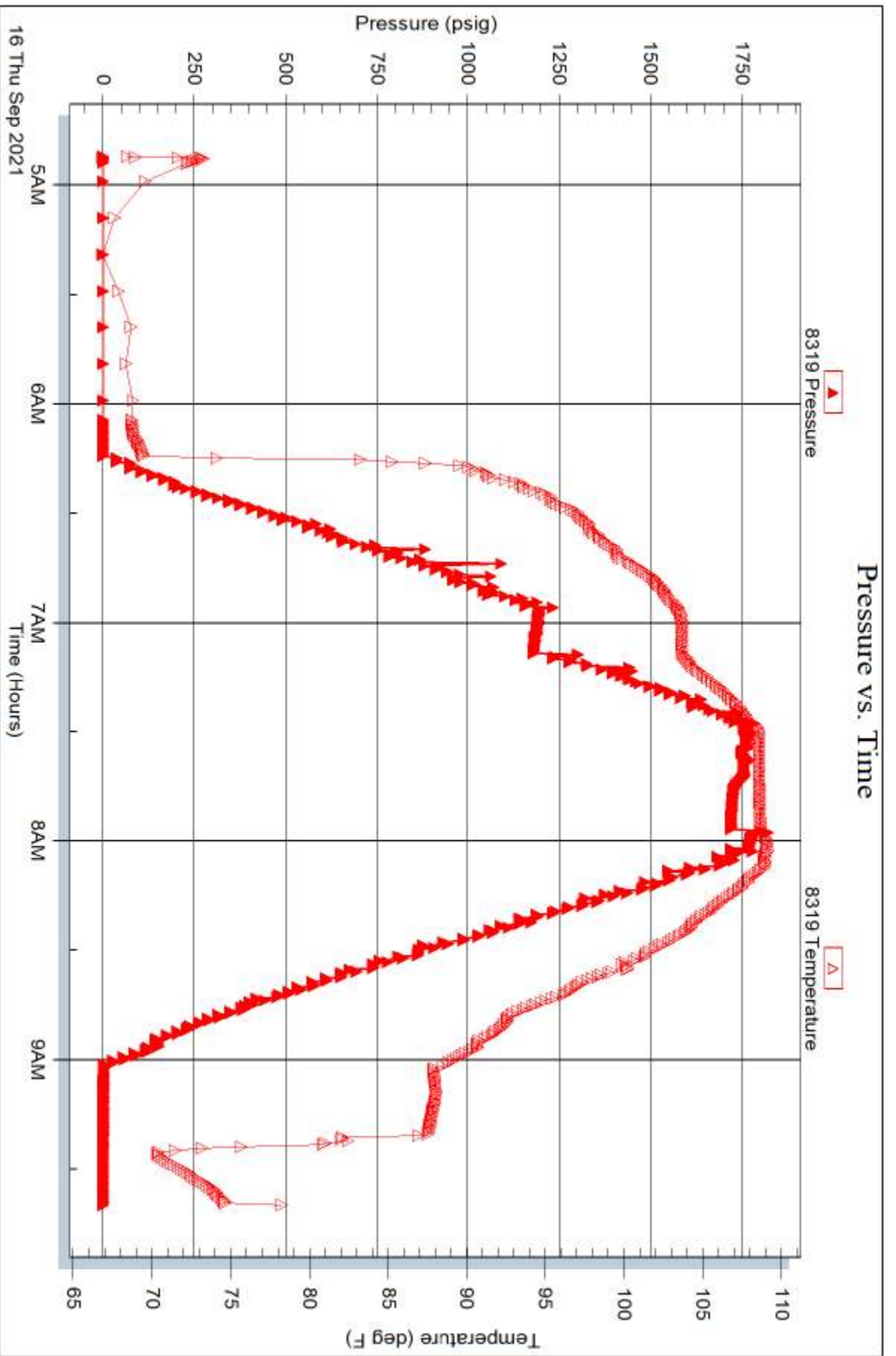
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66966

DST#: 5

ATTN: Kent Matson

Test Start: 2021.09.16 @ 19:30:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:38:15

Time Test Ended: 02:46:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4554.00 ft (KB) To 4620.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874 Inside

Press@RunDepth: 23.99 psig @ 4555.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.16 End Date: 2021.09.17

Last Calib.: 2021.09.17

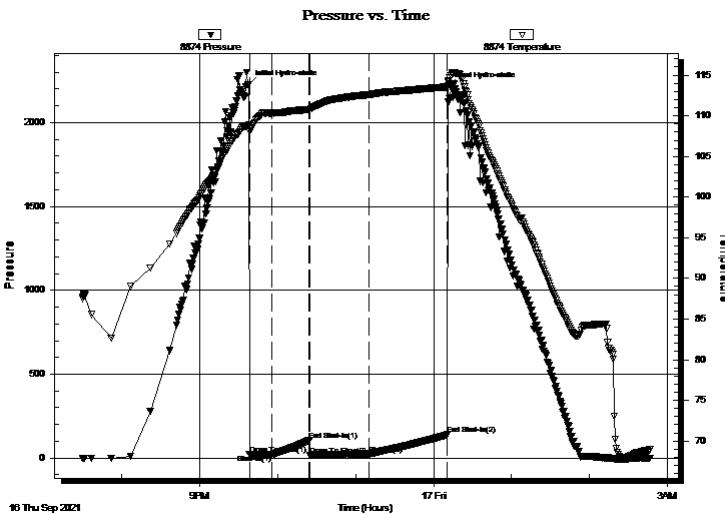
Start Time: 19:30:05 End Time: 02:46:14

Time On Btm: 2021.09.16 @ 21:38:00

Time Off Btm: 2021.09.17 @ 00:11:15

TEST COMMENT: 15- IF: 2.7" blow .
30- IS: No return.
45- FF: 5.9" blow .
60- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.29	108.88	Initial Hydro-static
1	20.46	108.13	Open To Flow (1)
18	20.52	110.27	Shut-In(1)
47	105.48	110.78	End Shut-In(1)
47	15.18	110.78	Open To Flow (2)
92	23.99	112.61	Shut-In(2)
153	139.05	113.57	End Shut-In(2)
154	2216.76	114.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gocm 10g 25o 65m	0.42
0.00	30' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schwalter 2-7

ATTN: Kent Matson

Job Ticket: 66966

DST#: 5

Test Start: 2021.09.16 @ 19:30:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:38:15

Time Test Ended: 02:46:15

Interval: 4554.00 ft (KB) To 4620.00 ft (KB) (TVD)

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Reference Elevations: 3013.00 ft (KB)

3005.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4555.00 ft (KB)

Start Date: 2021.09.16 End Date: 2021.09.17

Start Time: 19:30:05 End Time: 02:46:14

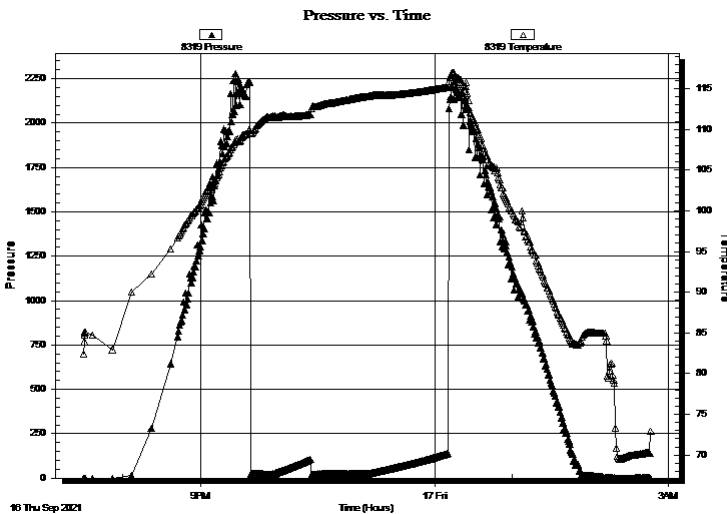
Capacity: 8000.00 psig

Last Calib.: 2021.09.17

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF: 2.7" blow.
30- IS: No return.
45- FF: 5.9" blow.
60- FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gocm 10g 25o 65m	0.42
0.00	30' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66966

DST#: 5

ATTN: Kent Matson

Test Start: 2021.09.16 @ 19:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	gocm 10g 25o 65m	0.421
0.00	30' GIP	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

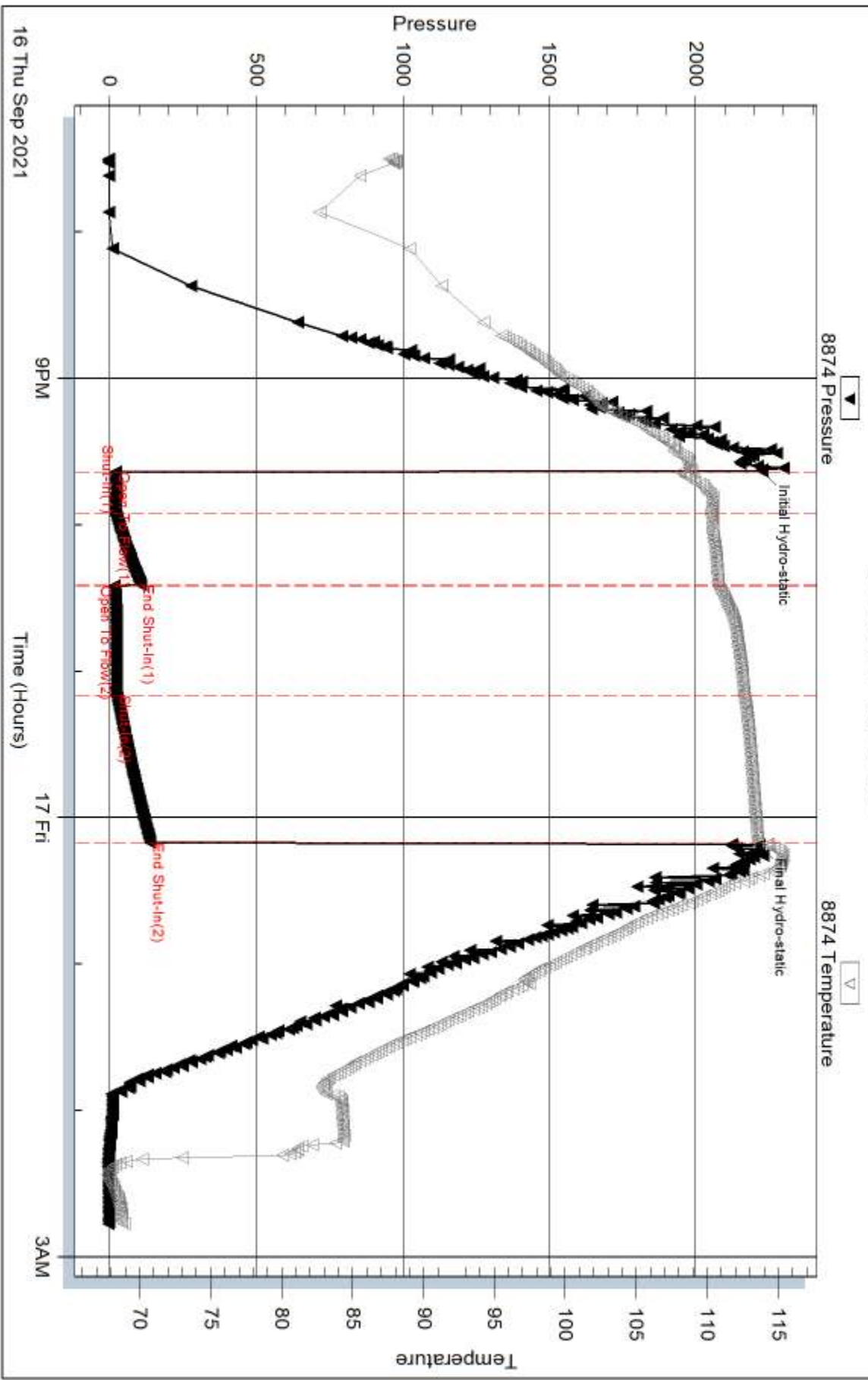
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

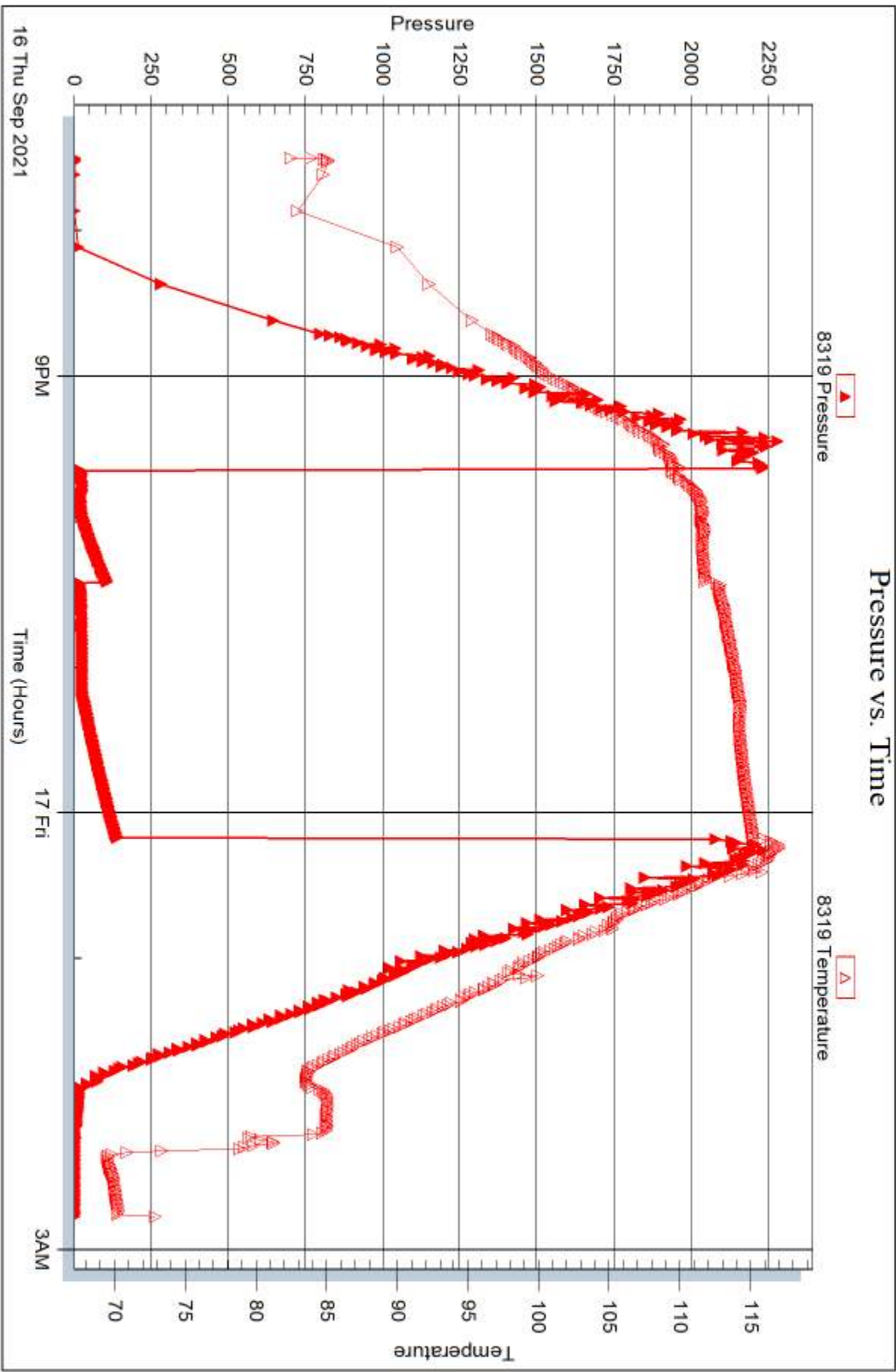


Serial #: 8319

Outside Shakespeare Oil Co. Inc.

Schow alter 2-7

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 66966

Printed: 2021.09.17 @ 07:58:21



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66967

DST#: 6

ATTN: Kent Matson

Test Start: 2021.09.17 @ 12:32:00

GENERAL INFORMATION:

Formation: **Basal Penn Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:03:15
 Time Test Ended: 18:50:45
 Interval: **4616.00 ft (KB) To 4645.00 ft (KB) (TVD)**
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3013.00 ft (KB)
 3005.00 ft (CF)
 KB to GR/CF: 8.00 ft

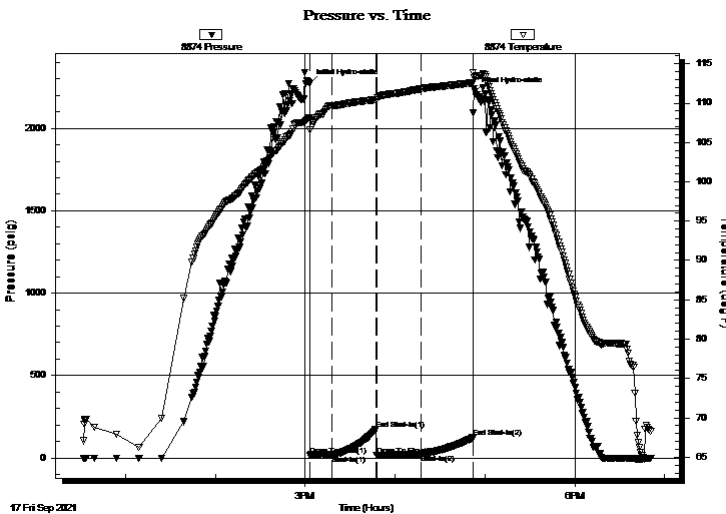
Serial #: 8874

Inside

Press@RunDepth: 20.38 psig @ 4617.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.09.17 End Date: 2021.09.17 Last Calib.: 2021.09.17
 Start Time: 12:32:05 End Time: 18:50:44 Time On Btm: 2021.09.17 @ 15:03:00
 Time Off Btm: 2021.09.17 @ 16:53:15

TEST COMMENT: 15- IF: 1" blow .
 30- IS: No return.
 30- FF: 3.3" blow .
 30- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.72	108.16	Initial Hydro-static
1	17.87	106.60	Open To Flow (1)
15	18.62	109.67	Shut-In(1)
44	174.76	110.46	End Shut-In(1)
45	14.92	110.47	Open To Flow (2)
75	20.38	111.81	Shut-In(2)
109	123.03	112.57	End Shut-In(2)
111	2224.87	113.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	gocm 10g 15o 75m	0.28

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66967

DST#: 6

ATTN: Kent Matson

Test Start: 2021.09.17 @ 12:32:00

GENERAL INFORMATION:

Formation: **Basal Penn Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:03:15

Time Test Ended: 18:50:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4616.00 ft (KB) To 4645.00 ft (KB) (TVD)

Reference Elevations: 3013.00 ft (KB)

Total Depth: 4030.00 ft (KB) (TVD)

3005.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4617.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.17 End Date: 2021.09.17

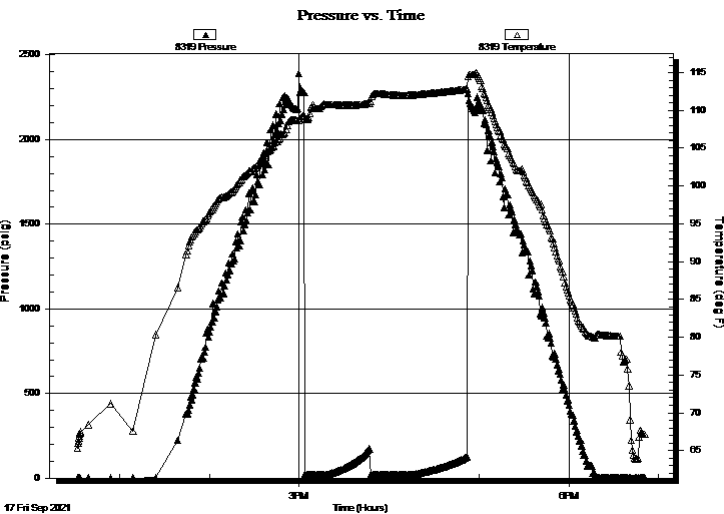
Last Calib.: 2021.09.17

Start Time: 12:32:05 End Time: 18:50:44

Time On Btm:

Time Off Btm:

TEST COMMENT: 15- IF: 1" blow .
30- IS: No return.
30- FF: 3.3" blow .
30- FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	gocm 10g 15o 75m	0.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

7 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Schowalter 2-7

Job Ticket: 66967

DST#: 6

ATTN: Kent Matson

Test Start: 2021.09.17 @ 12:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	gocm 10g 15o 75m	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

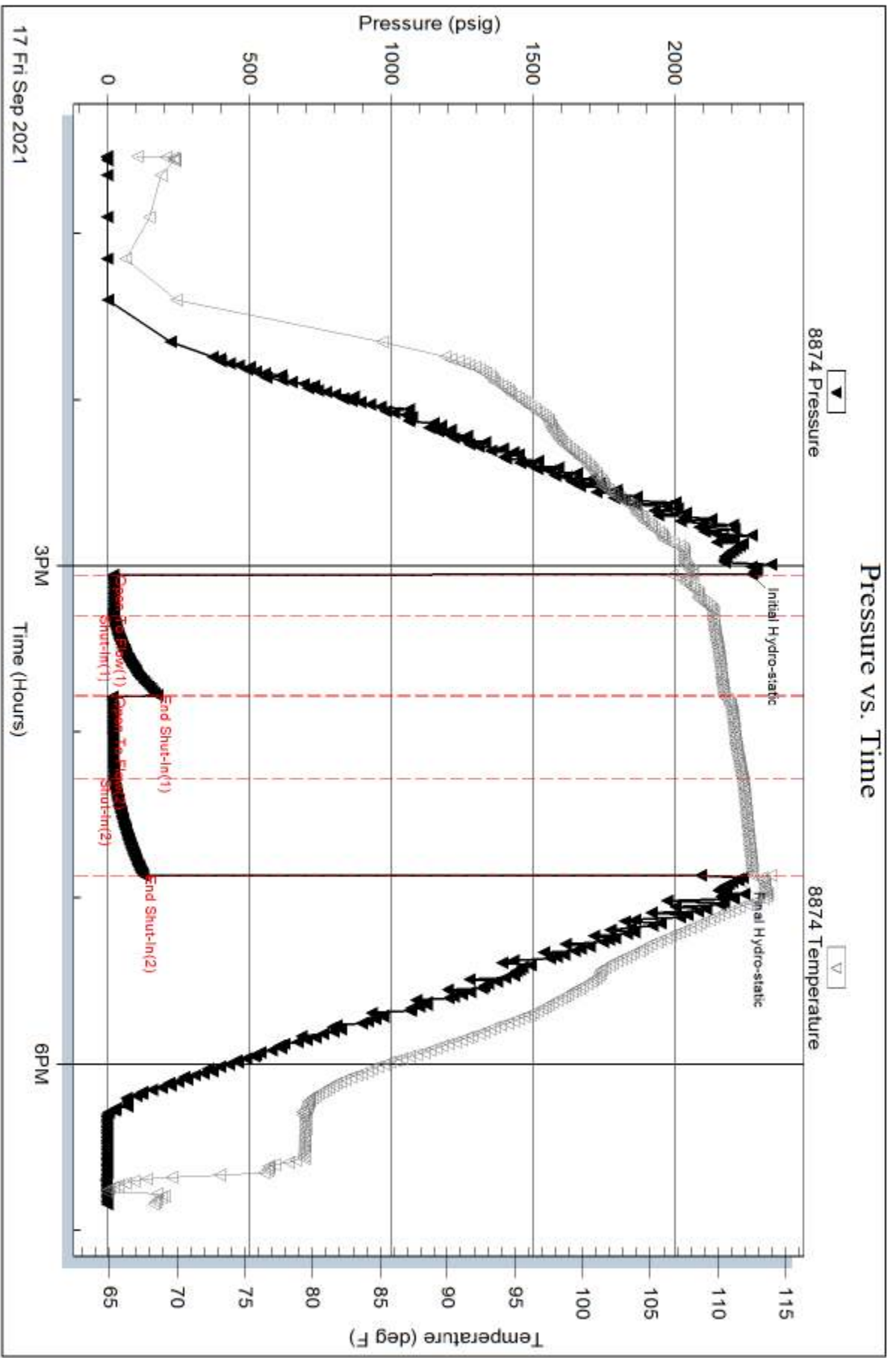
Serial #: 8874

Inside

Shakespeare Oil Co. Inc.

Schowalter 2-7

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 66967

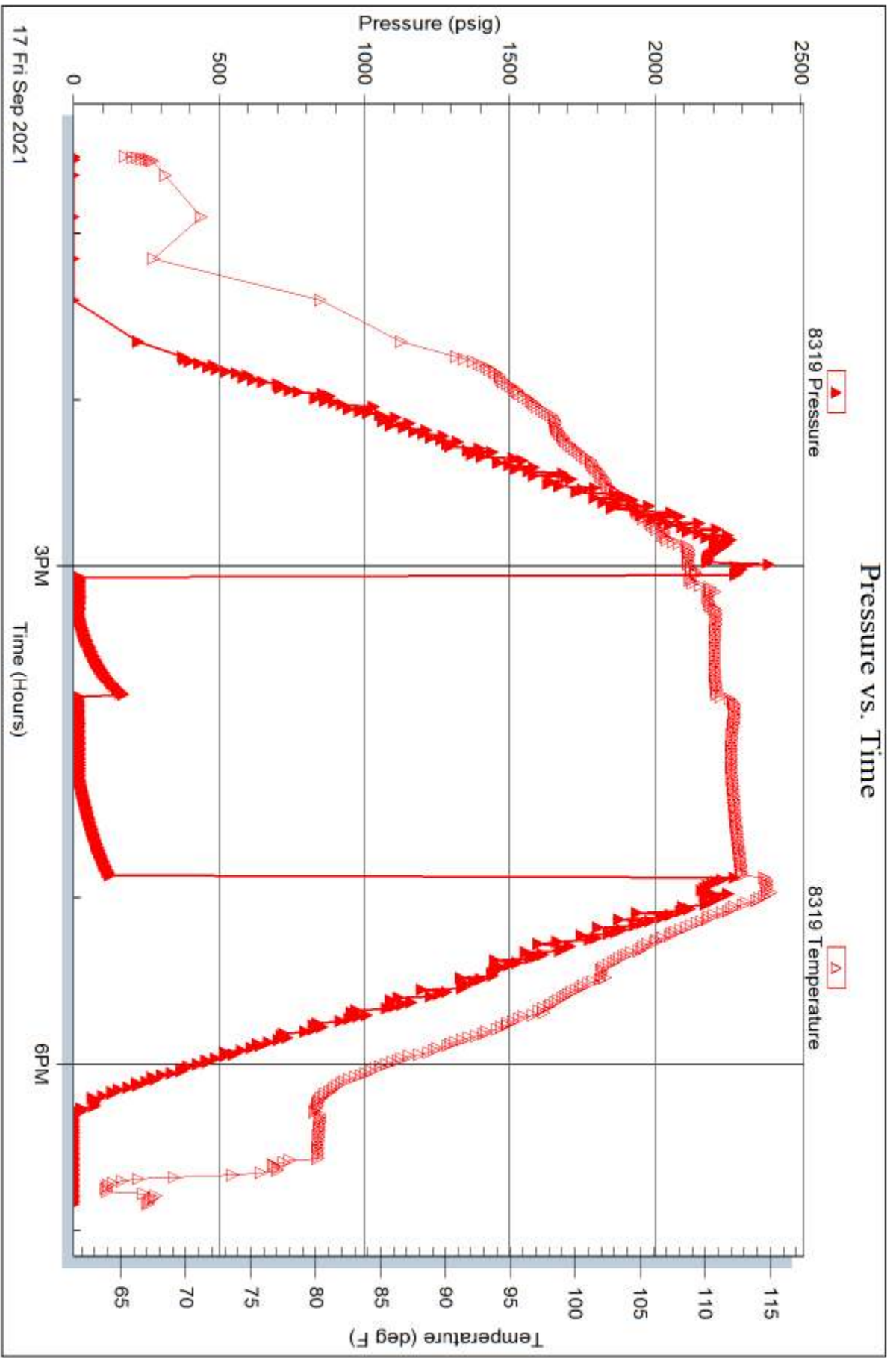
Printed: 2021.09.17 @ 21:43:48

Serial #: 8319

Outside Shakespeare Oil Co, Inc.

Schow alter 2-7

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 66967

Printed: 2021.09.17 @ 21:43:48

SWIFT



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



Invoice

DATE	INVOICE #
9/7/2021	33884

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

RECEIVED
SEP 14 2021

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-7	Schowalter	Scott	Duke Drlg Rig #2	Oil	Development	Surface Pipe	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	1,000.00	1,000.00
325	Standard Cement				350	Sacks	14.50	5,075.00T
279	Bentonite Gel				7	Sack(s)	30.00	210.00T
278	Calcium Chloride				16	Sack(s)	40.00	640.00T
276	Flocele				50	Lb(s)	3.00	150.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
580	Additional Hours (If Circulate More Than 1 Hour)				3	Hours	350.00	1,050.00T
581D	Service Charge Cement				450	Sacks	2.00	900.00
583D	Drayage				1,754	Ton Miles	1.00	1,754.00
	Subtotal							12,919.00
	Sales Tax Scott County						8.50%	746.73

502-5
gm

We Appreciate Your Business!

Total

\$13,665.73

DW



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

TICKET 33884

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City, KS WELL/PROJECT NO. 2-7 LEASE Schwalter COUNTY/PARISH Scott CITY Scott Lake Area DATE 9-7-2021 OWNER
 2. Oil TICKET TYPE SERVICE SALES CONTRACTOR Duke RIG NAME/NO. #2 SHIPPED VIA CT DELIVERED TO Location ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Surface Pipe WELL PERMIT NO.
 4. INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
576		1					80	mi	6.00	480.00
576S		1		MILEAGE Trk #112			1	job	1,000.00	1,000.00
325		1		STANDARD CMT			350	sls	14.50	5075.00
279		1		BENTONITE GEL			7	sls	30.00	210.00
278		1		Calcium Chloride			16	0.02	40.00	640.00
276		1		Flocele			50	lbs	3.00	150.00
325		1		STANDARD CMT			100	sls	14.50	1450.00
290		1		D-Air			5	gal	42.00	210.00
580		1		Additional Hours			3	EA	350.00	1050.00
581		1		CMT Service Charge			450	sls	2.00	900.00
583		1		Drayage			1754	TM	1.00	1754.00

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 9-8-2021 TIME SIGNED 10:30 A.M. P.M.

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

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

PAGE TOTAL 12,919.00

TOTAL 13,165.73

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

SWIFT OPERATOR Gudeman Fuchs APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

CUSTOMER: Shakespeare CalGas WELL NO. 2-7 LEASE: Schowalter JOB TYPE: Surface Pipe

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS (T C) PRESSURE (PSI) (TUBING CASING) DESCRIPTION OF OPERATION AND MATERIALS

CONF.

0800 0830 Tag Fluid + Order 100 sks of CMT Run in 1" Pipe [4 Jbs]

0900 1 21 175 Mix 100 sks of Standard CMT

0925 * Circulate 15 sks to the P.F. * KO Pump

* Cellar Staging full *

0945 Wash up Trip #118 Pull 1" Pipe

1015 Job Complete

450 sks of Standard CMT Used

THANKS!
Gideon, Kirby, Rusty, Isaac

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
9/18/2021	33896

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

RECEIVED
SEP 27 2021

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-7	Schowalter	Scott	Duke Rig #2	Oil	Development	Rotary PTA	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
576D-P	Pump Charge - PTA				1	Job	1,000.00	1,000.00
328-4	60/40 Pozmix (4% Gel)				290	Sacks	11.50	3,335.00T
290	D-Air				4	Gallon(s)	42.00	168.00T
276	Flocele				75	Lb(s)	3.00	225.00T
581D	Service Charge Cement				290	Sacks	2.00	580.00
583D	Drayage				1,024	Ton Miles	1.00	1,024.00
	Subtotal							6,812.00
	Sales Tax Scott County						8.50%	316.88
We Appreciate Your Business!							Total	\$7,128.88

502-5
GR

INT

DW



TICKET 33896

CHARGE TO: Shakespeare Oil & Gas
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City, KS
 2. _____
 3. _____
 4. _____

WELL/PROJECT NO. 2-7
 TICKET TYPE SERVICE SALES
 CONTRACTOR Duke
 WELL TYPE Oil
 INVOICE INSTRUCTIONS _____

LEASE Schwabker COUNTY/PARISH Scott CITY _____
 RIG NAME/NO. 2 DELIVERED TO Location
 WELL CATEGORY Development JOB PURPOSE Rotary PTA WELL PERMIT NO. _____
 WELL LOCATION Scott Lake Area

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1					80	mi	6.00	480.00
576P		1		MILEAGE Trk #112 Pump Charge - PTA			1	job	1,000.00	1,000.00
328-4		1		60/40 Pozmix 4% gel			290	sls	11.50	3335.00
290		1		D-AIR			4	gal	42.00	168.00
276		1		Floccle			75	lbs	3.00	225.00
581		1		CMT Service Charge			290	sls	2.00	580.00
583		1		Drayage			25,600	lbs	1.024	26,214.40

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 9-18-2021 TIME SIGNED 11:00 A.M. P.M.

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

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

PAGE TOTAL 1
 TOTAL 7128.88

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

SWIFT OPERATOR Gordon Fuchs APPROVAL _____

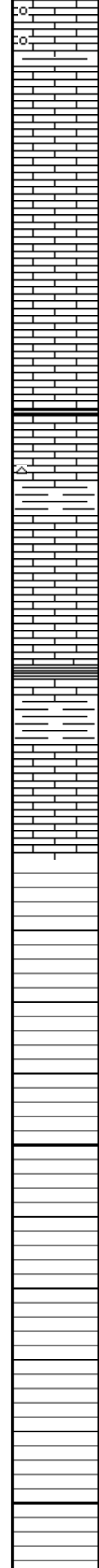
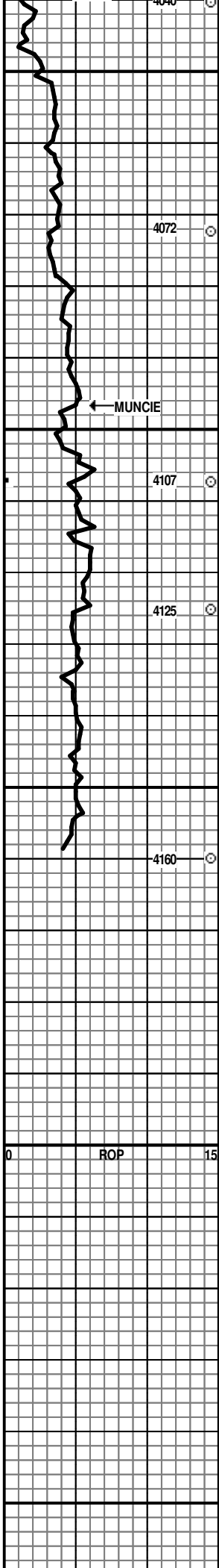
Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 9-18-2021 PAGE NO. 1
TICKET NO. 33896

CUSTOMER		WELL NO.		LEASE		JOB TYPE		DESCRIPTION OF OPERATION AND MATERIALS
Shakespeare Oil & Gas		2-7		Schowalter		Rotary PTA		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		
				T	F	TUBING	CASING	
	1930							ON LOCATION 4 1/2" DP
	2130	3 1/2	13.1		✓		300	Plug @ 2,390' w/ 50 sks -Displace w/ Mud
	2220	3 1/2	21		✓		150	Plug @ 1,760' w/ 80 sks
	2310	3 1/2	13.1		✓		125	Plug @ 875' w/ 50 sks
	2340	3 1/2	10.5		✓		100	Plug @ 300' w/ 40 sks
	0100	3 1/2	5.25		✓		75	Plug @ 60' w/ 20 sks
	0106	1 1/2	8				50	Plug RH w/ 30 sks
	0115	1 1/2	5				50	Plug MH w/ 20 sks
	0125							Wash up Trk #112
	0200							Job Complete
								290 sks of 60/40 Pozmix 4% gel, 1/4" Flo used
								Thanks!
								Gideon, Kirby John



4050
4100
4150
4200
4250

LS: lt-md brown; vf-xtal; poor to fair oomoldic porosity; N.S., 4060.

LS: lt brown; mic-vf xtal; dense, blocky; no visible porosity; N.S.

LS:; as above.

LS: lt brown to lt gray; mic-vf xtal; dense to chalky in part; no apparent porosity; N.S.

LS: as above.

MUNCIE CREEK 4097 (-1349)
Shale: black; carbon.; few chips 4107-stop.

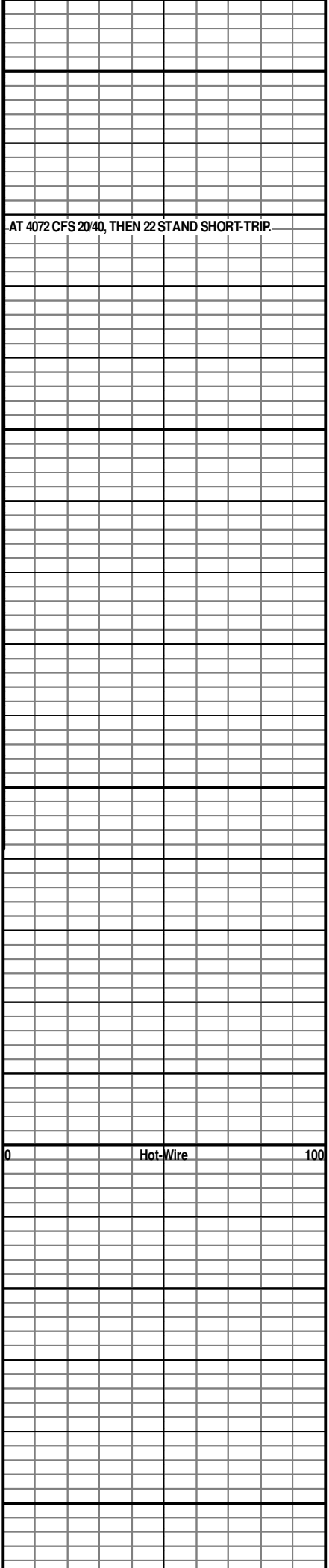
LS: md brown; vf-xtal; tight int grain & pin-pt vug porosity w/spotted stain & VSSO, trc fluor chalk; <1% 4107-stop, 20m, appears gray & cherty at base 40m

LS: lt-md brn; vf-xtal; fos-frag; tight int frag & trc fine oom porosity; trc dry stain, no live oil is possible float from G' ?

LS: lt brown; mic-vf xtal; cherty; no grains; dense; no visible porosity; N.S.

Shale: dk gray;

LS: lt-md brown; mic-vf xtal; dense, platey; no apparent porosity; N.S.



AT 4072 CFS 20/40, THEN 22 STAND SHORT-TRIP.

0 ROP 15

0 Hot-Wire 100