

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</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	Weilert, Michael D. dba Michael D. Weilert Oil Company
Well Name	HORACEK 1
Doc ID	1765340

All Electric Logs Run

DIL
DUCP
MEL
RAG





**GEOLOGIST'S REPORT** DRILLING TIME AND SAMPLE LOG

COMPANY MICHAEL D. WELLETT OIL  
LEASE HORACEK #1

FIELD KB 2579  
ELEVATIONS

LOCATION 6607FWL 1980FWL  
DF GL 2574

SEC 19 TWP 16S RGE 25W  
Measurements Are All From KB.

COUNTY NESS STATE KS  
CONTRACTOR WHITE KNIGHT DRG.

SPUD 11-4-23 COMP 11-13-23  
RTD 4610' LTD 4613'

MUD UP 3700' TYPE MUD CHEM.  
ELECTRICAL SURVEYS STACK/MICRO

SAMPLES SAVED FROM 3700' TO TD.  
DRILLING TIME KEPT FROM 3700' TO TD.

SAMPLES EXAMINED FROM 3700' TO TD.  
GEOLOGICAL SUPERVISION FROM 3700' TO TD.

GEOLOGIST ON WELL 9TH-12TH

FORMATION TOPS LOG SAMPLES

HEEBNER 3850-1271 3844-1265

LKC. 3890-1311 3886-1307

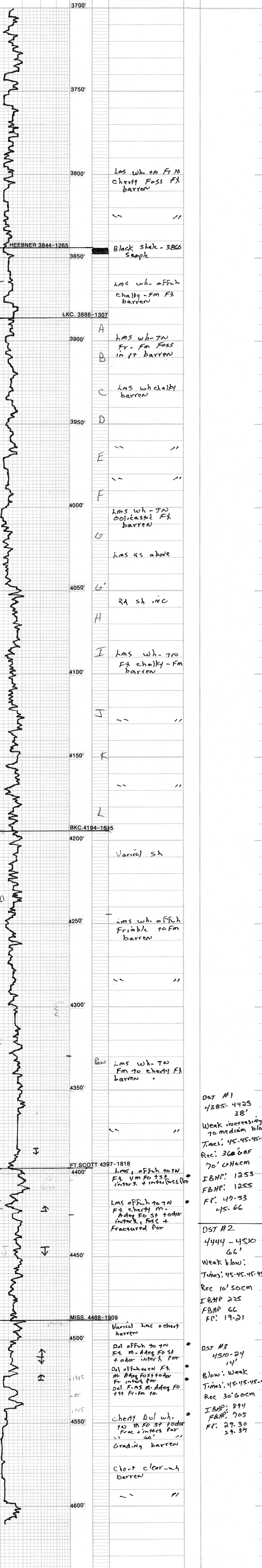
BKC. 4198-1619 4194-1615

FT SCOTT 4400-1821 4397-1818

MISS. 4488-1909 4488-1909


REMARKS  
All parties involved recommended that pipe be set to test this well further.  
respectfully submitted  
*[Signature]*

**LEGEND**





## DRILL STEM TEST REPORT

Prepared For: **Michael D Weilert Oil Co.**

866 230th Ave  
Hays, KS 67601

ATTN: Jerry Green

### **HoraceK #1**

#### **19-16s-25w NessKS**

Start Date: 2023.11.10 @ 00:02:00

End Date: 2023.11.10 @ 08:17:45

Job Ticket #: 70094                      DST #: 1

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

Printed: 2023.11.15 @ 09:53:55



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70094

**DST#: 1**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 00:02:00

## GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:57:45

Time Test Ended: 08:17:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

**Interval: 4385.00 ft (KB) To 4423.00 ft (KB) (TVD)**

Reference Elevations: 2579.00 ft (KB)

Total Depth: 4423.00 ft (KB) (TVD)

2574.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 66.81 psig @ 4386.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.11.10

End Date:

2023.11.10

Last Calib.:

2023.11.10

Start Time: 00:02:05

End Time:

08:17:44

Time On Btm:

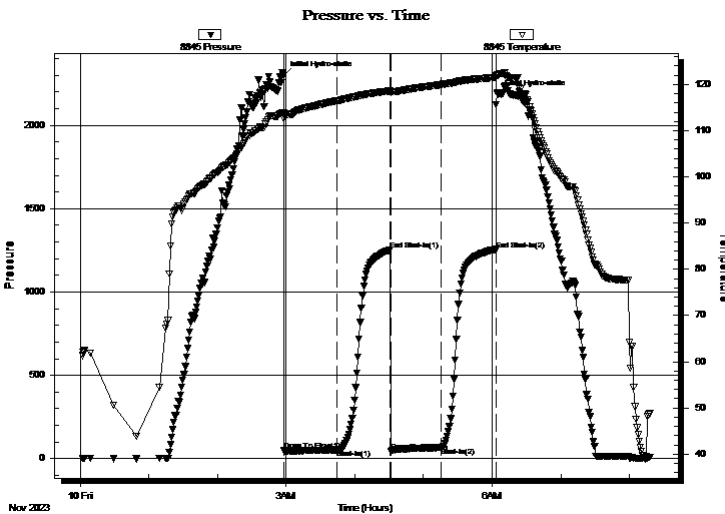
2023.11.10 @ 02:57:30

Time Off Btm:

2023.11.10 @ 06:05:00

**TEST COMMENT:** IF: BOB @ 27 min- 17" blow .  
IS: No return.  
FF: BOB @ 23 min.- 21" blow .  
FS: No return. 45-45-45

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2298.82	113.80	Initial Hydro-static
1	47.75	112.66	Open To Flow (1)
47	53.15	116.45	Shut-In(1)
94	1253.07	118.62	End Shut-In(1)
94	45.65	118.23	Open To Flow (2)
138	66.81	119.94	Shut-In(2)
186	1255.56	121.49	End Shut-In(2)
188	2186.01	121.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	gocm 20g 30o 50m	0.98
0.00	360' GIP	0.00

## Gas Rates

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









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70094

**DST#: 1**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 00:02:00

## Tool Information

Drill Pipe:	Length: 4374.00 ft	Diameter: 3.80 inches	Volume: 61.36 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4385.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4356.00	
Shut In Tool	5.00			4361.00	
Hydraulic tool	5.00			4366.00	
Jars	5.00			4371.00	
EM Tool	3.00			4374.00	
Safety Joint	2.00			4376.00	
Packer	5.00			4381.00	30.00 Bottom Of Top Packer
Packer	4.00			4385.00	
Stubb	1.00			4386.00	
Recorder	0.00	8319	Inside	4386.00	
Recorder	0.00	8845	Outside	4386.00	
Perforations	34.00			4420.00	
Bullnose	3.00			4423.00	38.00 Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70094

**DST#: 1**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 00:02:00

### 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	gocm 20g 30o 50m	0.982
0.00	360' GIP	0.000

Total Length: 70.00 ft      Total Volume: 0.982 bbl

Num Fluid Samples: 0

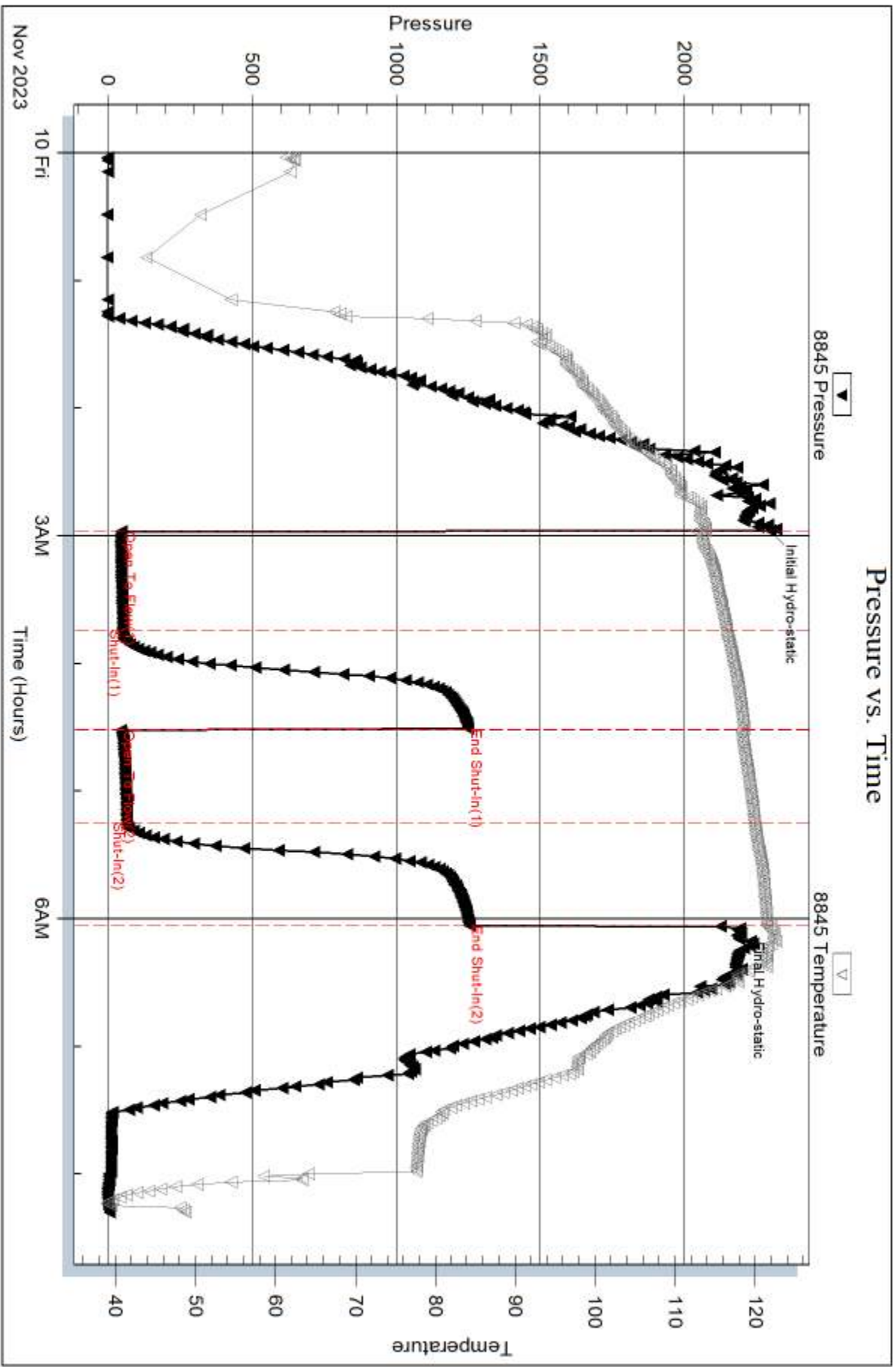
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



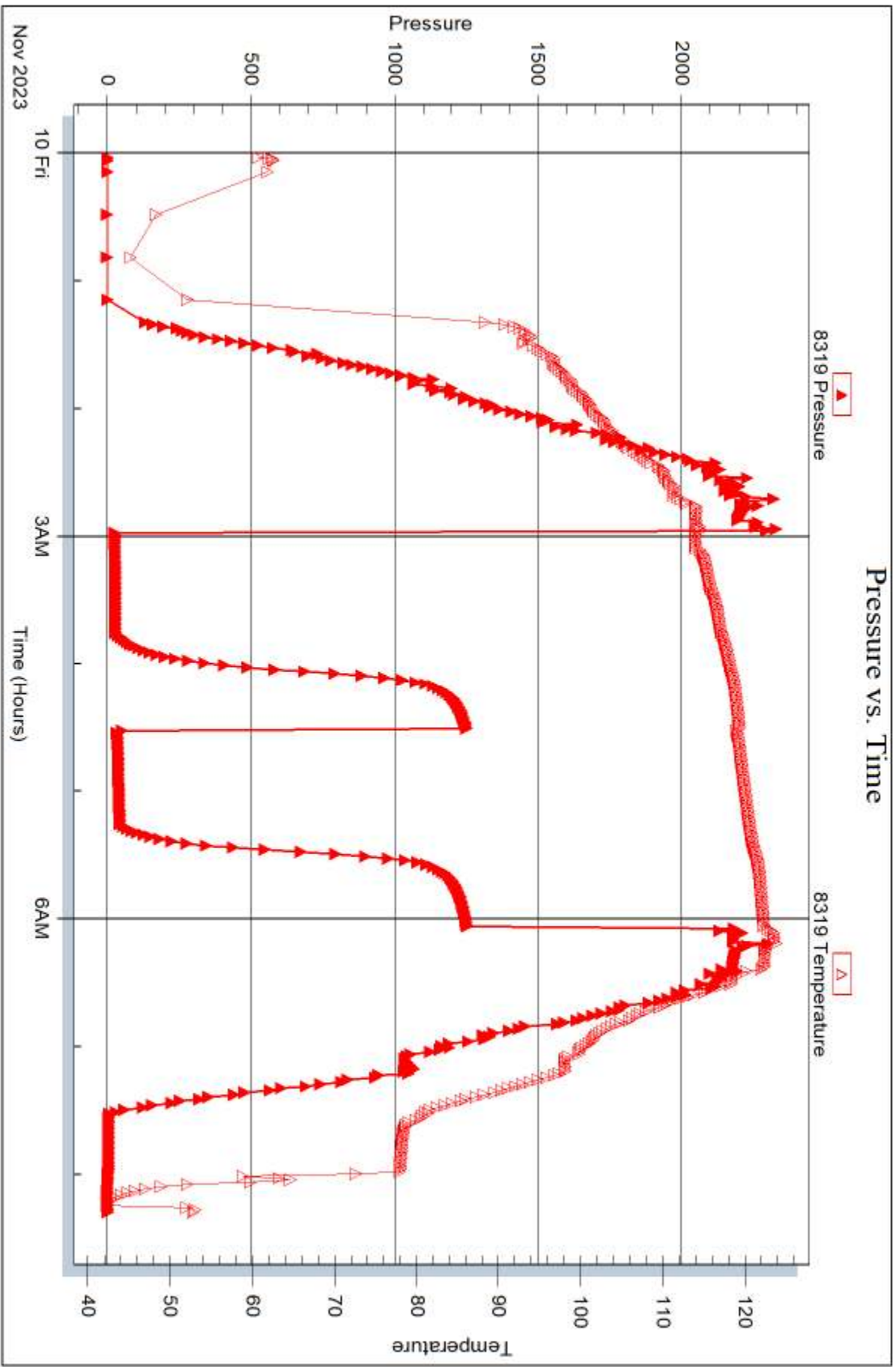
Serial #: 8319

Inside

Michael D Weibert Oil Co.

HoraceK #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 70094

Printed: 2023.11.15 @ 09:53:56



## DRILL STEM TEST REPORT

Prepared For: **Michael D Weilert Oil Co.**

866 230th Ave  
Hays, KS 67601

ATTN: Jerry Green

### **HoraceK #1**

#### **19-16s-25w NessKS**

Start Date: 2023.11.10 @ 22:30:00

End Date: 2023.11.11 @ 08:04:00

Job Ticket #: 70095                      DST #: 2

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

Printed: 2023.11.15 @ 09:53:25



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70095

**DST#: 2**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 22:30:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:22:00

Time Test Ended: 08:04:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4444.00 ft (KB) To 4510.00 ft (KB) (TVD)**

Reference Elevations: 2579.00 ft (KB)

Total Depth: 4510.00 ft (KB) (TVD)

2574.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8874 Outside**

Press@RunDepth: 21.81 psig @ 4445.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.11.10

End Date:

2023.11.11

Last Calib.:

2023.11.11

Start Time: 22:30:05

End Time:

08:04:00

Time On Btm:

2023.11.11 @ 02:21:45

Time Off Btm:

2023.11.11 @ 05:29:00

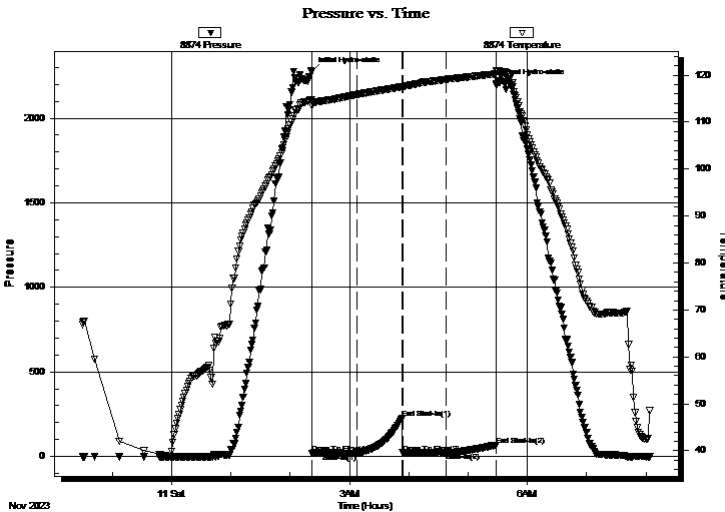
TEST COMMENT: IF: 1/2" blow . receded to surface.

IS: No return.

FF: 1/4" blow . receded to surface

FS: No return. 45-45-45-45

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2276.57	114.74	Initial Hydro-static
1	19.51	113.41	Open To Flow (1)
46	19.45	115.87	Shut-In(1)
92	225.87	117.52	End Shut-In(1)
92	20.03	117.47	Open To Flow (2)
137	21.81	119.05	Shut-In(2)
187	66.78	120.27	End Shut-In(2)
188	2205.40	121.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	socm 1o 99m	0.14

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70095

**DST#: 2**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 22:30:00

## Tool Information

Drill Pipe:	Length: 4438.00 ft	Diameter: 3.80 inches	Volume: 62.25 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 62.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4444.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4415.00	
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Jars	5.00			4430.00	
EM Tool	3.00			4433.00	
Safety Joint	2.00			4435.00	
Packer	5.00			4440.00	30.00 Bottom Of Top Packer
Packer	4.00			4444.00	
Stubb	1.00			4445.00	
Recorder	0.00	8319	Inside	4445.00	
Recorder	0.00	8874	Outside	4445.00	
Perforations	29.00			4474.00	
Change Over Sub	1.00			4475.00	
Drill Pipe	31.00			4506.00	
Change Over Sub	1.00			4507.00	
Bullnose	3.00			4510.00	66.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>96.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70095

**DST#: 2**

ATTN: Jerry Green

Test Start: 2023.11.10 @ 22:30:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	socm 1o 99m	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

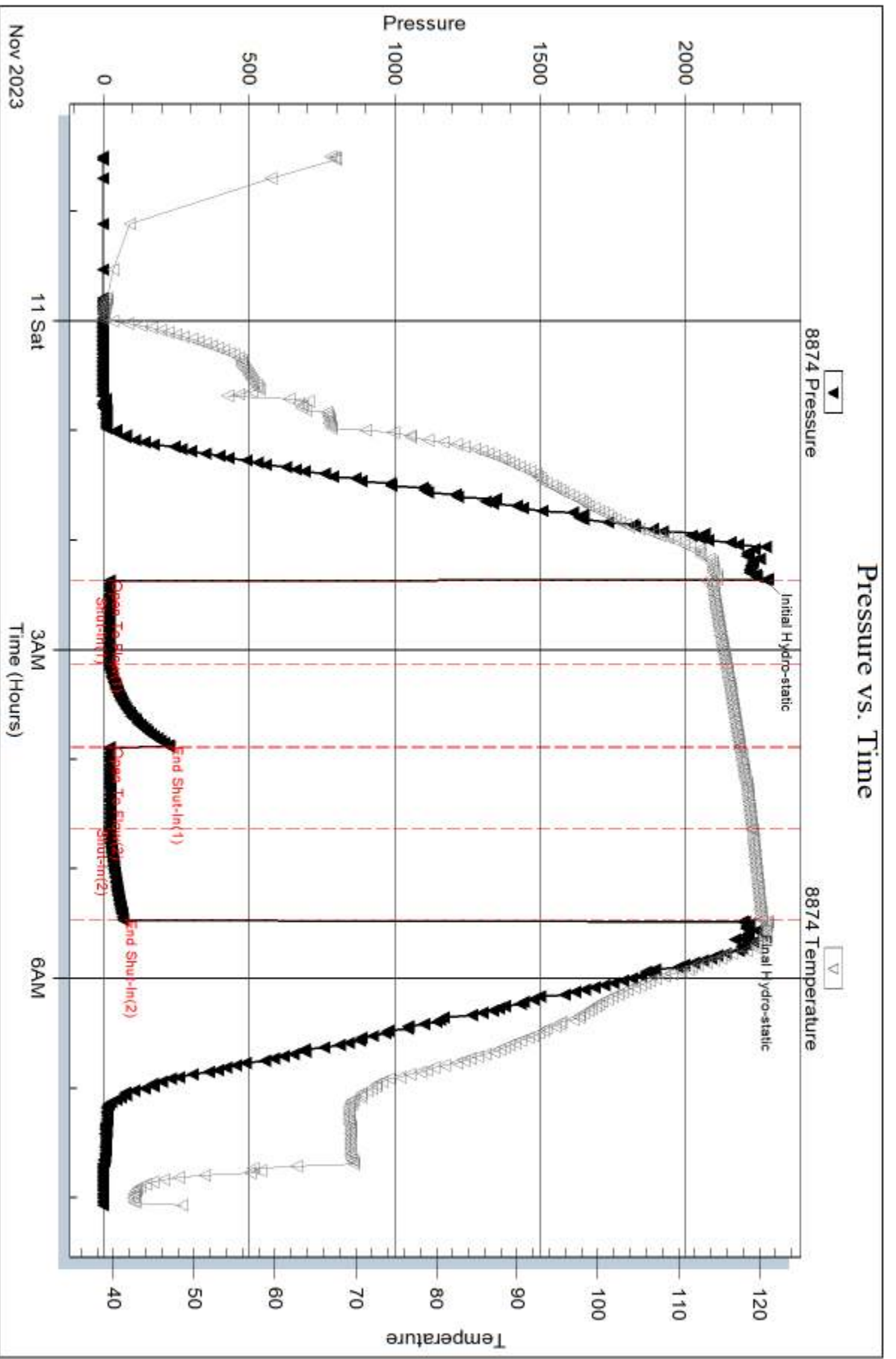
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



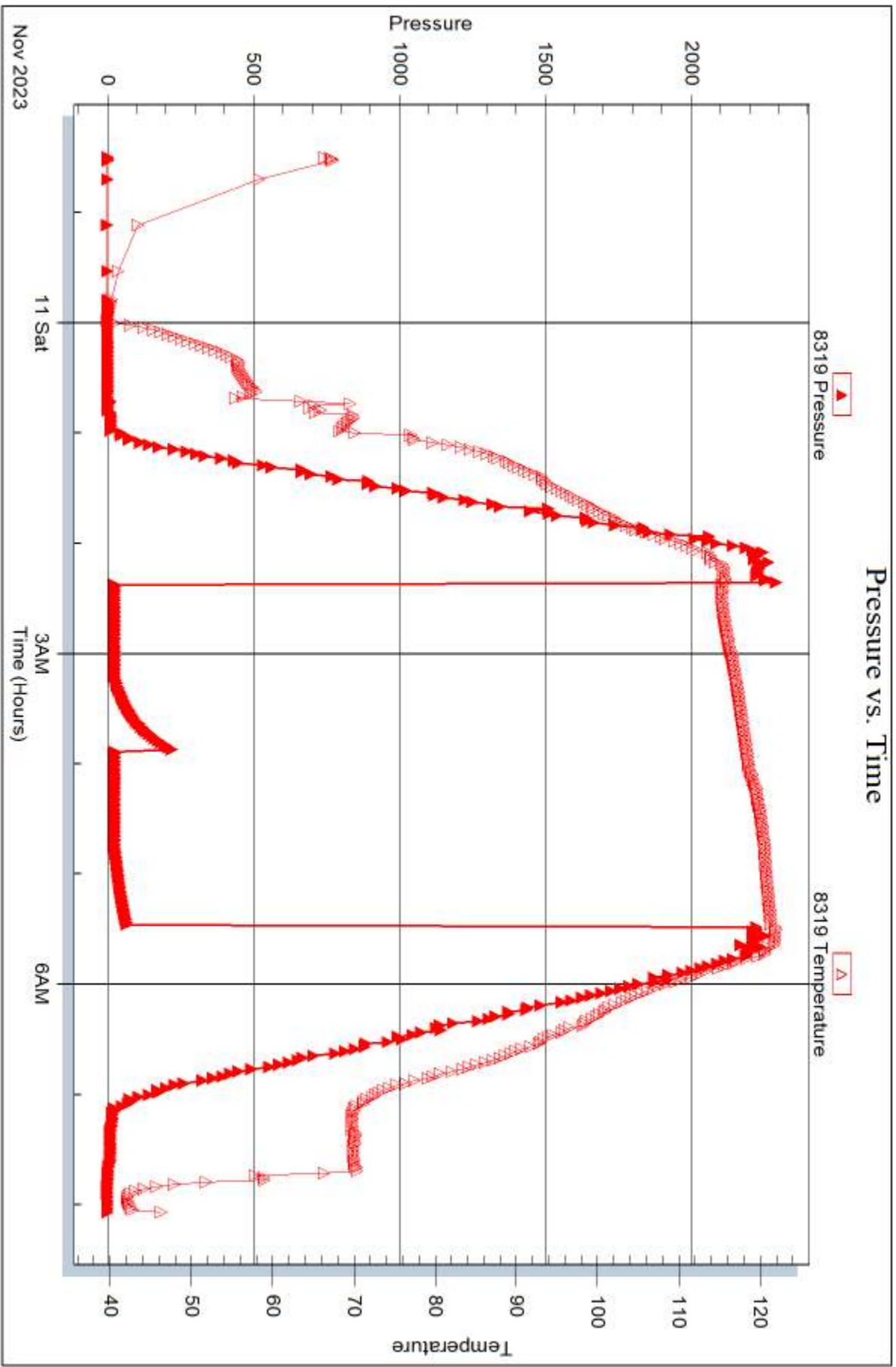
Serial #: 8319

Inside

Michael D Weibert Oil Co.

HoraceK #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 70095

Printed: 2023.11.15 @ 09:53:26



## DRILL STEM TEST REPORT

Prepared For: **Michael D Weilert Oil Co.**

866 230th Ave  
Hays, KS 67601

ATTN: Jerry Green

### **HoraceK #1**

#### **19-16s-25w NessKS**

Start Date: 2023.11.11 @ 20:55:00

End Date: 2023.11.12 @ 04:21:00

Job Ticket #: 70034                      DST #: 3

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

Printed: 2023.11.15 @ 09:36:43





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70034

**DST#: 3**

ATTN: Jerry Green

Test Start: 2023.11.11 @ 20:55:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:00

Time Test Ended: 04:21:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 4510.00 ft (KB) To 4524.00 ft (KB) (TVD)**

Reference Elevations: 2579.00 ft (KB)

Total Depth: 4524.00 ft (KB) (TVD)

2574.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 37.11 psig @ 4511.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.11.11 End Date: 2023.11.12

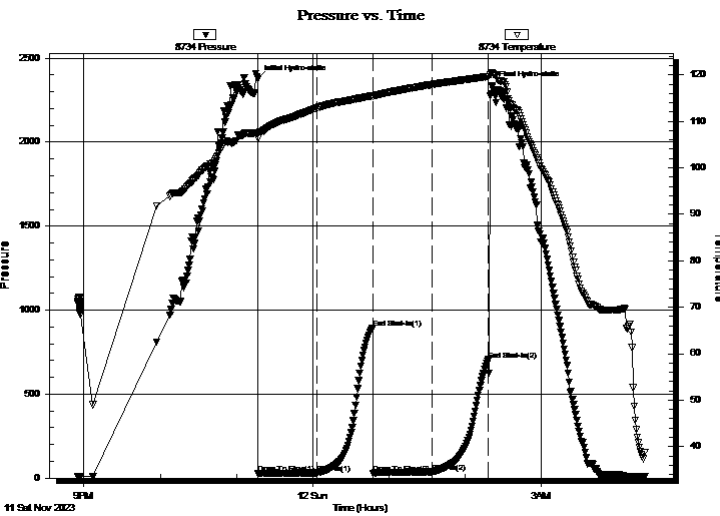
Last Calib.: 2023.11.12

Start Time: 20:55:01 End Time: 04:21:00

Time On Btm: 2023.11.11 @ 23:16:50

Time Off Btm: 2023.11.12 @ 02:20:50

**TEST COMMENT:** 45-IF-Blow built to 1/2" @ 10 mins & maintained  
45-ISI-No return  
45-FF-Blow built to 2"  
45-FSI-No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2375.24	107.41	Initial Hydro-static
1	28.99	106.35	Open To Flow (1)
47	30.02	112.87	Shut-In(1)
91	894.18	115.50	End Shut-In(1)
91	28.55	115.34	Open To Flow (2)
138	37.11	117.91	Shut-In(2)
182	705.17	119.64	End Shut-In(2)
185	2336.58	120.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCM 10%G, 20%O, 70%M	0.42

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70034

**DST#: 3**

ATTN: Jerry Green

Test Start: 2023.11.11 @ 20:55:00

## Tool Information

Drill Pipe:	Length: 4501.00 ft	Diameter: 3.80 inches	Volume: 63.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 63.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4510.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Pulled 30K over STWT coming off bottom

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4480.00	
Shut In Tool	5.00			4485.00	
Hydraulic tool	5.00	1113		4490.00	
Jars	5.00	01-07		4495.00	
EM Tool	3.00			4498.00	
Safety Joint	3.00	-001		4501.00	
Packer	5.00			4506.00	31.00 Bottom Of Top Packer
Packer	4.00			4510.00	
Packer - Shale	0.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	8959	Inside	4511.00	
Recorder	0.00	8734	Outside	4511.00	
Perforations	10.00			4521.00	
Bullnose	3.00			4524.00	14.00 Bottom Packers & Anchor

**Total Tool Length: 45.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Michael D Weilert Oil Co.

**19-16s-25w NessKS**

866 230th Ave  
Hays, KS 67601

**HoraceK #1**

Job Ticket: 70034

**DST#: 3**

ATTN: Jerry Green

Test Start: 2023.11.11 @ 20:55:00

## 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: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOCM 10%G, 20%O, 70%M	0.421

Total Length: 30.00 ft      Total Volume: 0.421 bbl

Num Fluid Samples: 0

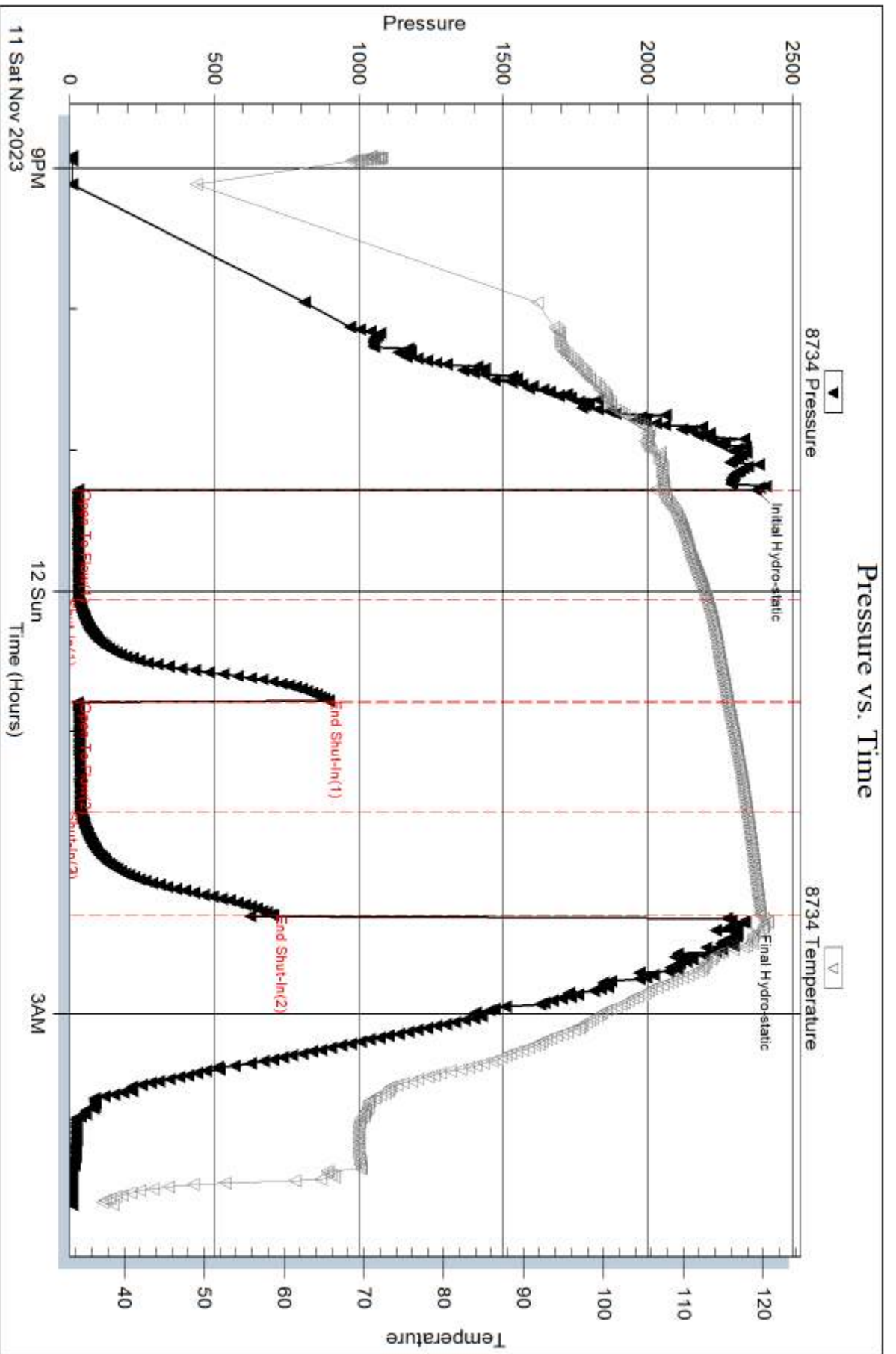
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



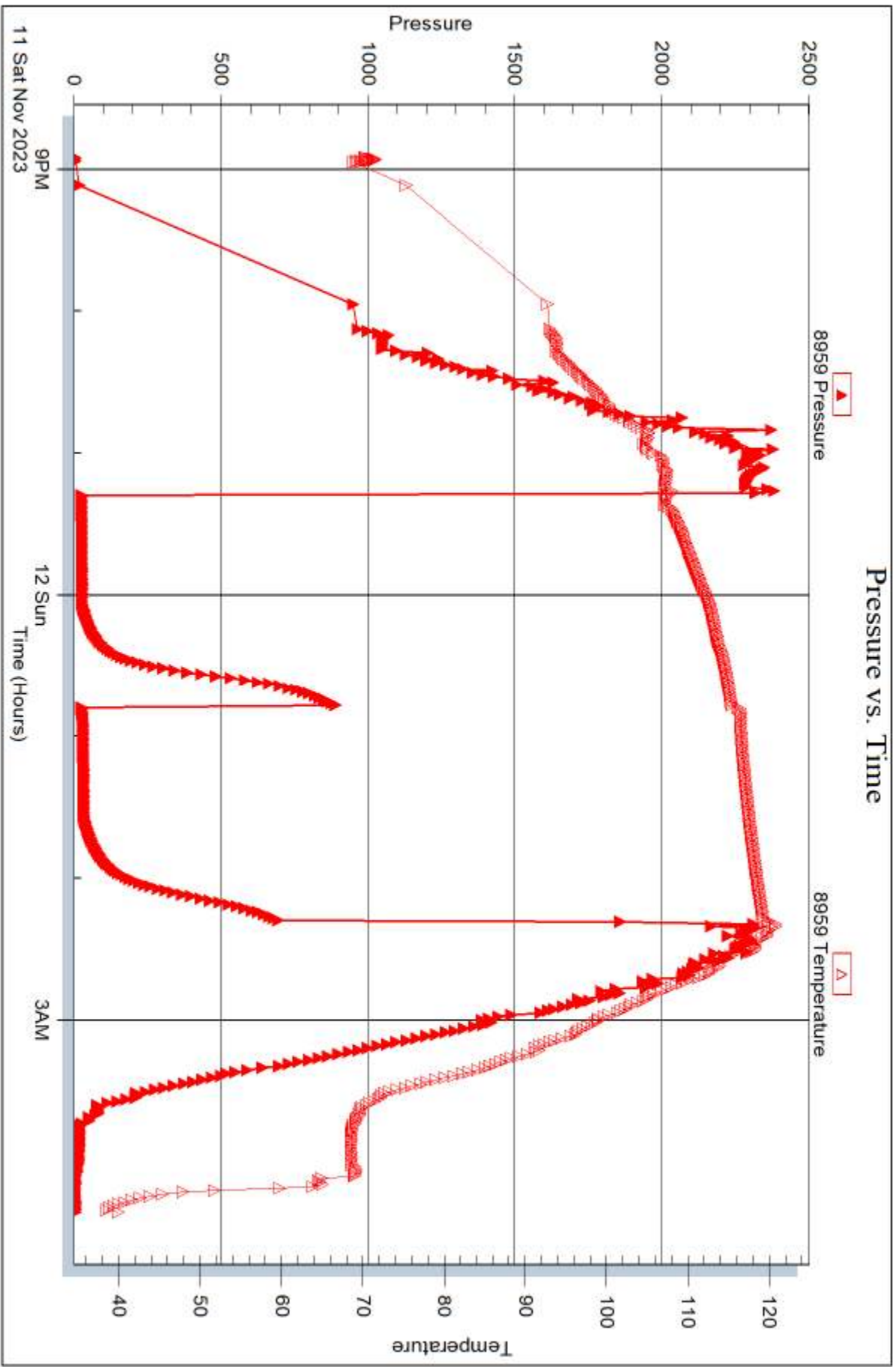
Serial #: 8959

Inside

Michael D Weibert Oil Co.

HoraceK #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 70034

Printed: 2023.11.15 @ 09:36:44





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 70094

Well Name & No. Horacek #1 Test No. 1 Date 11/10/2023  
 Company Michael D. Wiertel Oil Co Elevation 2579 KB 2574 GL  
 Address 866 230th Ave Hays Ks 67601  
 Co. Rep / Geo Jerry Green Rig White Knight  
 Location: Sec. 19 Twp 16s Rge. 25w Co. Ness State Ks

Interval Tested 4385-4423 Zone Tested Ft. Scott  
 Anchor Length 38' Drill Pipe Run 4374 Mud Wt. 9.3  
 Top Packer Depth 4380 Drill Collars Run — Vis 47  
 Bottom Packer Depth 4385 Wt. Pipe Run — WL 12.0  
 Total Depth 4423 Chlorides 7,000 ppm System LCM 2#

Blow Description IF 80B @ 27 min - 17"  
ISI No return.  
FF 30B @ 23 min - 21"  
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>6HOCM</u>	<u>20</u>	<u>30</u>	<u>50</u>	
	<u>360' GJP</u>				

Rec Total 70 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm  
 Initial Hydrostatic 2298  Test 1950  Ruined Shale Packer  
 Initial Flow 47 to 53  Jars 300  Ruined Packer  
 Initial Shut-In 1253  Circ Sub  Hotel  
 Final Flow 45 to 66  Hourly Standby  EM Tool Successful yes  
 Final Shut-In 1255  Mileage 105 RT 183.75  Accessibility  
 Final Hydrostatic 2186  Sampler  Gas Sample  
 T- On Location 2200  Straddle  Sub Total 0  
 Initial Flow 45 T-Started 0002  Shale Packer  Total 2433.75  
 Initial Shut-In 45 T-Open 0258  Extra Packer  Tool Loaded @  
 Final Flow 45 T-Pulled 0600  Extra Recorder  MP/DST Disc't  
 Final Shut-In 45 T-Out 0817  Day Standby

Comments Recommend Lowering Water Loss before next DST API/Filtate - 12.0

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 70095

Well Name & No. Horace K #1 Test No. 2 Date 11/11/2023  
 Company Michael D. Weichert Oil Co Elevation 2579 KB 2574 GL  
 Address 866 230th Ave Hays KS 67601  
 Co. Rep / Geo Jerry Green Rig White Knight  
 Location: Sec. 19 Twp 16S Rge. 25W Co. Ness State KS

Interval Tested 4444-4510 Zone Tested Mississippian  
 Anchor Length 66' Drill Pipe Run 4438 Mud Wt. 9.5  
 Top Packer Depth 4439 Drill Collars Run - Vis SS  
 Bottom Packer Depth 4444 Wt. Pipe Run - WL 11.6  
 Total Depth 4510 Chlorides 7,000 ppm System LCM 2#

Blow Description FF 3/4" blow - receded to surface blow  
ISI No return.  
FF 1/4" blow - receded to surface blow  
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>50CM</u>	<u>1</u>	<u>99</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 121 Gravity - API RW - @ - °F Chlorides - ppm  
 Initial Hydrostatic 2276  Test 1950  Ruined Shale Packer  
 Initial Flow 19 to 19  Jars 300  Ruined Packer  
 Initial Shut-In 225  Circ Sub  Hotel  
 Final Flow 20 to 21  Hourly Standby  EM Tool Successful yes  
 Final Shut-In 66  Mileage 105 LT 183.75  Accessibility  
 Final Hydrostatic 2205  Sampler  Gas Sample  
 T- On Location 20:30  Straddle  Sub Total 0  
 Initial Flow T-Started 22:30  Shale Packer 250  Total 2683.75  
 Initial Shut-In T-Open 02:23  Extra Packer  Tool Loaded @  
 Final Flow T-Pulled 04:23  Extra Recorder  MP/DST Disc't  
 Final Shut-In T-Out 08:04  Day Standby

Comments \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 70034

Well Name & No. Horace K #1 Test No. 3 Date 11-11-23  
 Company Michael D Weibert Oil Co Elevation 2579 KB 2574 GL  
 Address 866 236th Ave Hays, KS 67661  
 Co. Rep / Geo Jerry Green Rig White Knight  
 Location: Sec. 19 Twp 16S. Rge. 25W. Co. N55 State KS.

Interval Tested 4510-4524 Zone Tested Miss  
 Anchor Length 14' Drill Pipe Run 4501 Mud Wt. 9.3  
 Top Packer Depth 4565 Drill Collars Run — Vis 43  
 Bottom Packer Depth 4510 (Shak) Wt. Pipe Run — WL 11.6  
 Total Depth 4524 Chlorides 6000 ppm System LCM 1#

Blow Description IF - Blow built to 1/2" @ 10 mins + maintained  
ISZ - No return.  
FF - Blow built to 2"  
ESI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>GOCM</u>	<u>10</u>	<u>26</u>	<u>70</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 121 Gravity — API RW — @ — °F Chlorides — ppm  
 Initial Hydrostatic 2375  Test 1950  Ruined Shale Packer  
 Initial Flow 29 to 30  Jars 300  Ruined Packer  
 Initial Shut-In 894  Circ Sub  Hotel  
 Final Flow 29 to 37  Hourly Standby  EM Tool Successful  
 Final Shut-In 705  Mileage x2 183.75 + 183.75  Accessibility  
 Final Hydrostatic 2337  Sampler  Gas Sample  
 T-On Location 19:20  Straddle  Sub Total 0  
 Initial Flow 45 T-Started 20:55  Shale Packer 250  Total 2867.50  
 Initial Shut-In 45 T-Open 23:17  Extra Packer  Tool Loaded 11-12 @ 19:00  
 Final Flow 45 T-Pulled 02:17  Extra Recorder  MP/DST Disc't  
 Final Shut-In 45 T-Out 04:21  Day Standby

Comments \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

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CHARGE TO: <i>Michael Walker</i>
ADDRESS
CITY, STATE, ZIP CODE

TICKET 36726

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Ness City, KS</i>	WELL / PROJECT NO. <i>#1</i>	LEASE <i>HORACEK</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>KS</i>	CITY <i>Utica</i>	DATE <i>11-13-2013</i>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>White Knight D/L</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>to Location</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Long String 5 1/2</i>	WELL PERMIT NO.	WELL LOCATION <i>Utica, 1/2 E, 1 N</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					<i>1/2 E, S INTO</i>

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE <i>Truck #105</i>			30	<i>mi</i>	8.00	240.00
578		1			<i>Pump Change - Long String</i>			1	<i>job</i>	1,700.00	1,700.00
403		1			<i>Cement Baskets</i>			5 1/2	<i>in</i>	350.00	1,050.00
404		1			<i>Port Collar</i>			5 1/2	<i>in</i>	2,600.00	2,600.00
406		1			<i>Latch Down Plug + Baffle</i>			5 1/2	<i>in</i>	300.00	300.00
407		1			<i>Insert Flat Shoe w/ Auto Fill</i>			5 1/2	<i>in</i>	400.00	400.00
409		1			<i>Turbolizers</i>			5 1/2	<i>in</i>	110.00	660.00

**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 *11-13-2013* TIME SIGNED *11:30*  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	1 6,950.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2 7,176.00	
WE UNDERSTOOD AND MET YOUR NEEDS?				TOTAL 14,126.00	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR *Andrea Teich*

APPROVAL

Thank You!





CHARGE TO: <i>Michael Weidert</i>
ADDRESS
CITY, STATE, ZIP CODE

TICKET 36758

PAGE 1	OF 1
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SERVICE LOCATIONS 1 <i>Ness City, KS</i>	WELL/PROJECT NO. <i>#1</i>	LEASE <i>HORACEN</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>KS</i>	CITY	DATE <i>11/29/2023</i>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Port Collar</i>	WELL PERMIT NO.	WELL LOCATION <i>Utica 1/6 L 1-N 1/2 E</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>Port Collar</i>					<i>S-12122</i>

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		U/M	U/M			
575		1			MILEAGE <i>Truck #115</i>		30	mi	8.00	240.00
576D		1			Pump Charge - <i>Port Collar</i>		1	sch	1,700.00	1,700.00
330		1			Swift Multi-Density Cement		175	skt	21.00	3,675.00
276		1			Floccate		50	lb	4.00	200.00
290		1			D Air		2	gal	42.00	84.00
105		1			Port Collar Tool Rental		1	sch	350.00	350.00
581		1			Cement Service Charge		235	skt	2.00	470.00
582		1			Mud Drayage Charge		1	sch	350.00	350.00
								PAGE TOTAL		7,069.00

**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 <i>11/29/2023</i>	TIME SIGNED <i>1:10</i>	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.
----------------------------------	----------------------------	---

REMIT PAYMENT TO:

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

SURVEY	AGREE	UNDECIDED	DISAGREE	TOTAL
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? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
TAX				
TOTAL				

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

SWIFT OPERATOR <i>Andrew Tuck</i>	APPROVAL
--------------------------------------	----------

Thank You!

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Andrew J. French, Chairperson  
Dwight D. Keen, Commissioner  
Annie Kuether, Commissioner

Laura Kelly, Governor

March 12, 2024

Mike Weilert  
Weilert, Michael D. dba Michael D. Weilert Oil  
Company  
866 230TH AVE  
HAYS, KS 67601-9605

Re: ACO-1  
API 15-135-26213-00-00  
HORACEK 1  
NW/4 Sec.19-16S-25W  
Ness County, Kansas

Dear Mike Weilert:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 9/10/2023 and the ACO-1 was received on March 07, 2024 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department