

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	Mai Oil Operations, Inc.
Well Name	K&R MAI 2
Doc ID	1589181

Tops

Name	Top	Datum
Anhydrite	734	1131
Topeka	2630	-765
Heebner	2916	-1051
Toronto	2935	-1070
Lansing	3024	-1159
Base KC	3289	-1424
Conglomerate	3302	-1437
Arbuckle	3324	-1486

JAMES C. MUSGROVE

Petroleum Geologist, LLC
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 786-0839

Mai Oil Operations, Inc.
K&R Mai #2
N/2-SW-NW-NW (665'fnl & 330' fwl)
Section 8-16s-11w
Barton County, Kansas

Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (rig #1)
Commenced: August 5, 2021
Completed: August 12, 2021
Elevation: 1865' K.B., 1857' D.F., 1855' G.L.
Casing program: Surface; 8 5/8" @ 400'
Production, 5 1/2" @ none
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were five (5) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: None

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	734	+1131
Base Anhydrite	765	+1100
Topeka	2630	-765
Heebner	2916	-1051
Toronto	2935	-1070
Douglas	2946	-1081
Brown Lime	3009	-1144
Lansing	3024	-1159
Base Kansas City	3289	-1424
Conglomerate	3302	-1437
Arbuckle	3324	-1459
Rotary Total Depth	3351	-1486

(All tops and zone determinations were made from correlation of drilling time and sample analysis)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2630-2640' Limestone, cream to tan, gray crypto-crystalline, fossiliferous, dense.
2640-2670' Limestone; as above

- 2706-2716' Limestone, cream; granular, fossiliferous, chalky, poor visible porosity, abundant chalk; no show.
- 2720-2726' Limestone, mixed gray; crypto-crystalline, fossiliferous, dense, with cream to tan, chalky, fossiliferous, no shows.
- 2736-2746' Limestone, cream to tan, some light gray, micro to crypto-crystalline, fossiliferous, dense to soft and granular, abundant chalk, no shows.
- 2774-2780' Limestone, tan to light gray, micro-crystalline, very fossiliferous, some granular, poor porosity abundant chalk.
- 2800-2820' Limestone; mixed cream, light brown and gray, crypto-crystalline to granular and fossiliferous, some large clasts, some chalky, poor visible porosity, no shows.
- 2838-2846' Limestone, mostly tan, crypto-crystalline, fossiliferous to oolitic, dense, poor visible porosity, moderate chalk.
- 2866-2876' Limestone, tan to cream, oolitic, chalky, poorly developed porosity; abundant white chalk, no shows.
- 2880-2900' Limestone, as above, with trace gray boney chert.

TORONTO SECTION

- 2935-2942' Limestone, white, fine crystalline, chalky, fossiliferous in part, poor porosity, trace spotty brown to black stain, free oil no odor.

LANSING SECTION

- 3026-3031' Limestone, tan, oomoldic, fair oomoldic porosity, brown spotty stain; trace gas bubbles, show of free oil and faint odor in fresh samples.
- 3054-3060' Limestone, gray, tan, oolitic, oomoldic, fair oomoldic to scattered vuggy type porosity, slightly chalky, light brown to brown stain, show of gassy free oil and faint odor in fresh samples.

Drill Stem Test #1 3013-3070

Times: 30-30-45-60

Blow: Good (B.O.B.) 7 mins)

**Recovery: 915' gas in the pipe
30' oil and gas cut mud
(15% gas; 10% oil; 75% mud)**

**Pressures: ISIP 336 psi
FSIP 515 psi
IFP 30-19 psi
FFP 26-26 psi
HSH 1488-1457 psi**

- 3092-3100' Limestone, tan, dark gray, micro to fine crystalline, oolitic/fossiliferous; cherty (dense) poor porosity, no shows.
- 3112-3120' Limestone, white, cream, highly chalky, with trace chert, gray, boney, no shows.
- 3120-3146' Limestone, white, cream, oomoldic, chalky, fair oomoldic porosity, with abundant white chalk, no shows.
- 3164-3176' Limestone, tan, micro-crystalline to dense; poor porosity, no shows.
- 3182-3187' Limestone, white, gray, oomoldic, chalky, poor to fair porosity, no shows.
- 3203-3208' Limestone, white, tan, oolitic, oomoldic, fair oomoldic porosity, sparry calcite replacement in some porosity, trace stain, poor show of free oil and faint odor in fresh samples.
- 3215-3220' Limestone, tan, fine, crystalline, granular, oolitic, finely oomoldic, spotty brown stain; show of free oil and faint odor in fresh samples.

Drill Stem Test #2 3173-3220

Times: 20-30-30-45

Blow: Weak

Recovery: 10' mud with oil spots

Pressures: ISIP 336 psi
FSIP 258 psi
IFP 19-18 psi
FFP 19-21 psi
HSH 1588-1554 psi

- 3240-3246' Limestone; tan, finely crystalline, highly oolitic, dense with limestone, white, fossiliferous, chalky in part; poor porosity; no shows.
- 3270-3280' Limestone, tan, gray, fine to medium crystalline, cherty, dense, poor visible porosity, no show.

CONGLOMERATE SECTION

- 3302-3323' Chert; white, yellow, orange, boney, opaque in matrix of red, blood red, soft shale with sand, white, green calcareous, no shows.

ARBUCKLE SECTION

- 3324-3335' Dolomite, cream, white, medium crystalline, scattered inter-crystalline porosity, light brown to golden brown stain, show of free oil and faint to fair odor in fresh samples; fair yellowish white fluorescence.

Drill Stem Test #3 **3283-3335**

Times: 30-30-30-45

Blow: Weak

**Recovery: 10' clean oil
15' very slightly oil and gas cut mud
(3% gas; 2% oil; 95% mud)**

**Pressures: ISIP 717 psi
FSIP 822 psi
IFP 19-20 psi
FFP 20-23 psi
HSH 1673-1618 psi**

3335-3345' Dolomite, as above, increase in porosity; fair stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #4 **3334-3345**

Times: 45-30-45-60

Blow: Weak to fair (3 3/4")

Recovery: 90' watery mud, with oil spots

**Pressures: ISIP 1111 psi
FSIP 1141 psi
IFP 20-34 psi
FFP 39-53 psi
HSH 1695-1558 psi**

3345-3351' Dolomite, white, gray, coarse crystalline; good inter-crystalline porosity, fair stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #5 **3341-3351**

Times: 30-30-30-45

Blow: Strong

**Recovery: 1100' slightly mud cut water
(10% mud; 90% water)**

**Pressures: ISIP 1068 psi
FSIP 1107 psi
IFP 57-281 psi
FFP 301-478 psi
HSH 1722-1667 psi**

Mai Oil Operations, Inc.
K&R Mai #2
N/2-SW-NW-NW (665'fml & 330' fwl)
Section 8-16s-11w
Barton County, Kansas

Page 5

Rotary Total Depth: 3551 (-1486)

Recommendations:

K&R Mai #2; was plugged and abandoned at the Rotary Total Depth 3351 (-1486)

Respectfully yours,

James C. Musgrove
Petroleum Geologist



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

8411 Preston Rd STE 800
Dalas TX 75225+5520

ATTN: Jim Musgrove

K&R Mai #2

8-16s-11w Barton KS

Start Date: 2021.08.09 @ 16:06:01

End Date: 2021.08.09 @ 21:53:52

Job Ticket #: 66892 DST #: 1

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

Printed: 2021.08.12 @ 16:01:35



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66892 **DST#: 1**
Test Start: 2021.08.09 @ 16:06:01

GENERAL INFORMATION:

Formation: **LKC A - C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:43:27
Time Test Ended: 21:53:52
Interval: **3013.00 ft (KB) To 3070.00 ft (KB) (TVD)**
Total Depth: 3070.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84
Reference Elevations: 1865.00 ft (KB)
1855.00 ft (CF)
KB to GR/CF: 10.00 ft

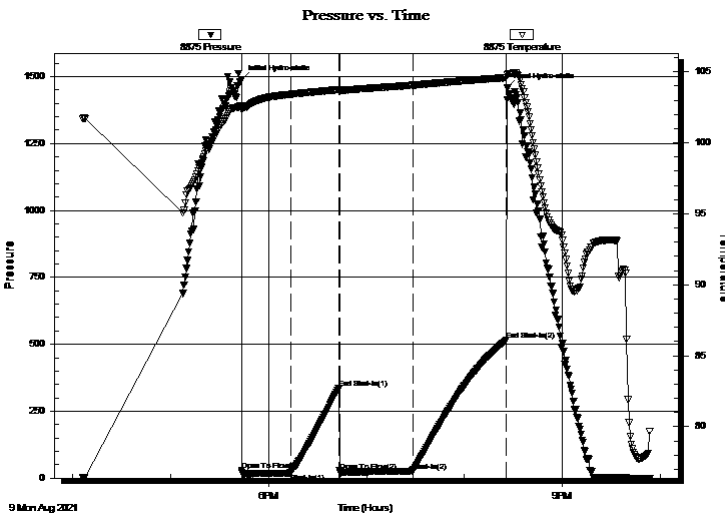
Serial #: 8875

Inside

Press@RunDepth: 26.80 psig @ 3016.00 ft (KB) Capacity: psig
Start Date: 2021.08.09 End Date: 2021.08.09 Last Calib.: 2021.08.09
Start Time: 16:06:01 End Time: 21:53:52 Time On Btm: 2021.08.09 @ 17:43:17
Time Off Btm: 2021.08.09 @ 20:26:27

TEST COMMENT: 30-IF-BOB 7 mins Built to 29 1/2"
30-ISI-No Return
45-FF-BOB 1 min Built to 55"
60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1488.98	102.61	Initial Hydro-static
1	30.39	102.36	Open To Flow (1)
31	19.84	103.42	Shut-In(1)
60	336.76	103.73	End Shut-In(1)
61	26.83	103.71	Open To Flow (2)
105	26.80	104.06	Shut-In(2)
163	515.06	104.61	End Shut-In(2)
164	1457.02	104.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCM 15%G 10%O 75%M	0.43
0.00	915 GIP 100%G	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66892 **DST#: 1**
 Test Start: 2021.08.09 @ 16:06:01

GENERAL INFORMATION:

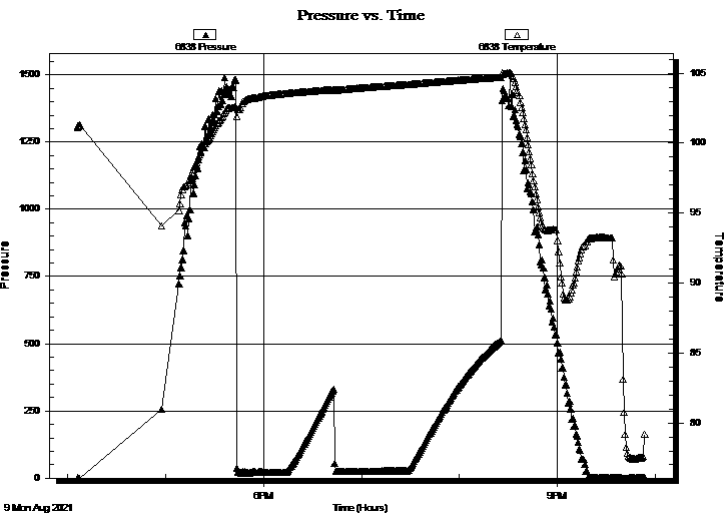
Formation: **LKC A - C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:43:27
 Time Test Ended: 21:53:52
Interval: 3013.00 ft (KB) To 3070.00 ft (KB) (TVD)
 Total Depth: 3070.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 1865.00 ft (KB)
 1855.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6838

Inside

Press@RunDepth: psig @ 3016.00 ft (KB) Capacity: psig
 Start Date: 2021.08.09 End Date: 2021.08.09 Last Calib.: 2021.08.09
 Start Time: 16:06:01 End Time: 21:53:52 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB 7 mins Built to 29 1/2"
 30-ISI-No Return
 45-FF-BOB 1 min Built to 55"
 60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCM 15%G 10%O 75%M	0.43
0.00	915 GIP 100%G	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66892 **DST#: 1**
Test Start: 2021.08.09 @ 16:06:01

Tool Information

Drill Pipe:	Length: 3010.00 ft	Diameter: 3.82 inches	Volume: 42.67 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume:</u> - bbl	Tool Chased	ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3013.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	85.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2986.00	
Change Over Sub	1.00			2987.00	
Shut In Tool	5.00			2992.00	
Hydraulic tool	5.00		Fluid	2997.00	
Gap Sub	4.00			3001.00	
Safety Joint	3.00			3004.00	
Packer	5.00			3009.00	28.00 Bottom Of Top Packer
Packer	4.00			3013.00	
Stubb	1.00			3014.00	
Perforations	1.00			3015.00	
Change Over Sub	1.00			3016.00	
Recorder	0.00	6838	Inside	3016.00	
Recorder	0.00	8875	Inside	3016.00	
Drill Pipe	32.00			3048.00	
Change Over Sub	1.00			3049.00	
Perforations	18.00			3067.00	
Bullnose	3.00			3070.00	57.00 Bottom Packers & Anchor
Total Tool Length:	85.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66892 **DST#: 1**
Test Start: 2021.08.09 @ 16:06:01

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: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

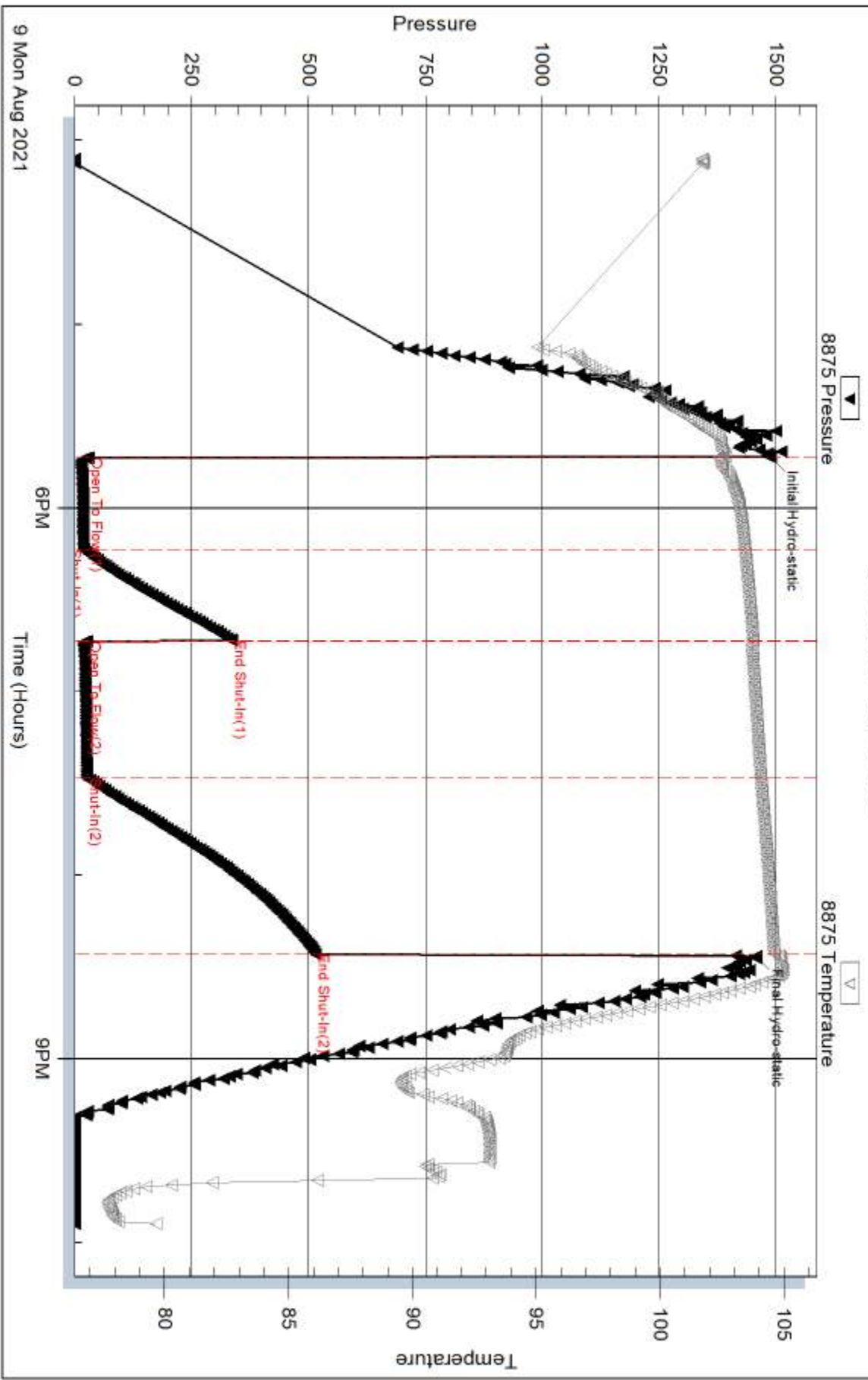
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOCM 15%G 10%O 75%M	0.425
0.00	915 GIP 100%G	0.000

Total Length: 30.00 ft Total Volume: 0.425 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 2#LCM

Pressure vs. Time



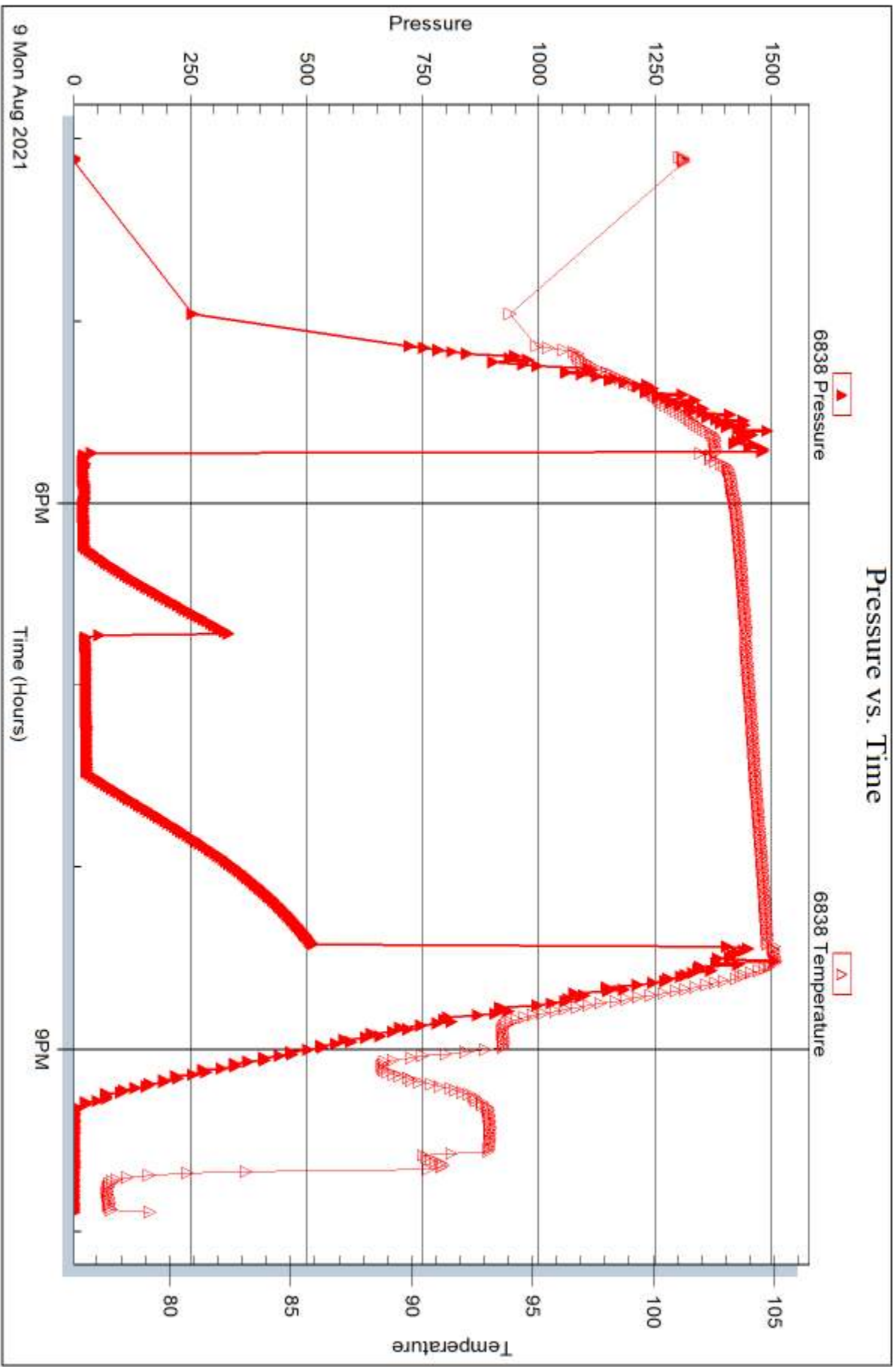
Serial #: 6838

Inside

Mai Oil Operations Inc

K&R Mai #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 66892

Printed: 2021.08.12 @ 16:01:36



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

8411 Preston Rd STE 800
Dalas TX 75225+5520

ATTN: Jim Musgrove

K&R Mai #2

8-16s-11w Barton KS

Start Date: 2021.08.10 @ 10:37:00

End Date: 2021.08.10 @ 15:18:57

Job Ticket #: 66893 DST #: 2

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

Printed: 2021.08.12 @ 16:01:07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66893 **DST#: 2**
Test Start: 2021.08.10 @ 10:37:00

GENERAL INFORMATION:

Formation: **LKC I - J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:57:22
Time Test Ended: 15:18:57
Interval: **3173.00 ft (KB) To 3220.00 ft (KB) (TVD)**
Total Depth: 3220.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1865.00 ft (KB)
1855.00 ft (CF)
KB to GR/CF: 10.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Spencer J Staab
Unit No: 84

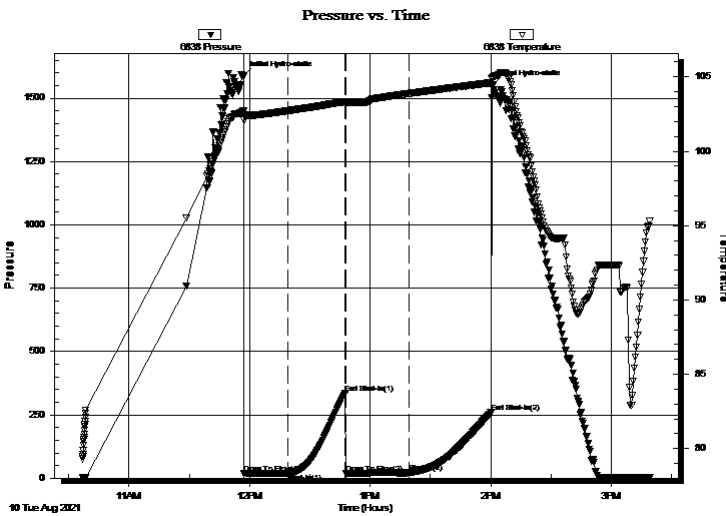
Serial #: 6838

Inside

Press@RunDepth: 21.95 psig @ 3176.00 ft (KB) Capacity: psig
Start Date: 2021.08.10 End Date: 2021.08.10 Last Calib.: 2021.08.10
Start Time: 10:37:01 End Time: 15:18:56 Time On Btm: 2021.08.10 @ 11:57:12
Time Off Btm: 2021.08.10 @ 14:00:52

TEST COMMENT: 20-IF-Weak Built to 1/4"
30-ISI-No Return
30-FF-No Blow Flushed No Help
45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1588.77	102.69	Initial Hydro-static
1	19.77	102.10	Open To Flow (1)
22	18.55	102.73	Shut-In(1)
51	336.26	103.32	End Shut-In(1)
51	19.81	103.30	Open To Flow (2)
83	21.95	103.88	Shut-In(2)
123	258.22	104.62	End Shut-In(2)
124	1554.49	104.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil Spot Mud 100%M	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

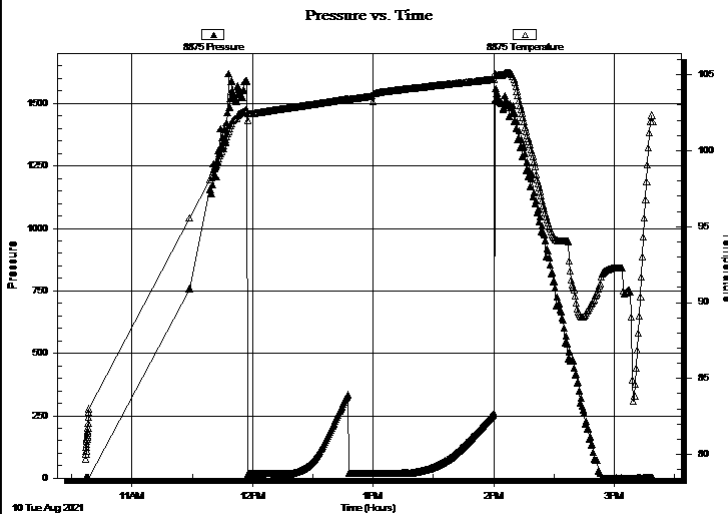
8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66893 **DST#: 2**
Test Start: 2021.08.10 @ 10:37:00

GENERAL INFORMATION:

Formation: **LKC I - J**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 11:57:22 Tester: Spencer J Staab
Time Test Ended: 15:18:57 Unit No: 84
Interval: 3173.00 ft (KB) To 3220.00 ft (KB) (TVD) Reference Elevations: 1865.00 ft (KB)
Total Depth: 3220.00 ft (KB) (TVD) 1855.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8875 **Inside**
Press@RunDepth: psig @ 3176.00 ft (KB) Capacity: psig
Start Date: 2021.08.10 End Date: 2021.08.10 Last Calib.: 2021.08.10
Start Time: 10:37:01 End Time: 15:18:56 Time On Btm: Time Off Btm:

TEST COMMENT: 20-IF-Weak Built to 1/4"
30-ISI-No Return
30-FF-No Blow Flushed No Help
45-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil Spot Mud 100%M	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

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66893 **DST#: 2**
Test Start: 2021.08.10 @ 10:37:00

Tool Information

Drill Pipe:	Length: 3169.00 ft	Diameter: 3.82 inches	Volume: 44.92 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	46000.00 lb
			<u>Total Volume:</u> - bbl	Tool Chased	ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3173.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	47.00 ft				
Tool Length:	75.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3146.00	
Change Over Sub	1.00			3147.00	
Shut In Tool	5.00			3152.00	
Hydraulic tool	5.00		Fluid	3157.00	
Gap Sub	4.00			3161.00	
Safety Joint	3.00			3164.00	
Packer	5.00			3169.00	28.00 Bottom Of Top Packer
Packer	4.00			3173.00	
Stubb	1.00			3174.00	
Perforations	1.00			3175.00	
Change Over Sub	1.00			3176.00	
Recorder	0.00	6838	Inside	3176.00	
Recorder	0.00	8875	Inside	3176.00	
Drill Pipe	32.00			3208.00	
Change Over Sub	1.00			3209.00	
Perforations	8.00			3217.00	
Bullnose	3.00			3220.00	47.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66893 **DST#: 2**
Test Start: 2021.08.10 @ 10:37:00

Mud and Cushion Information

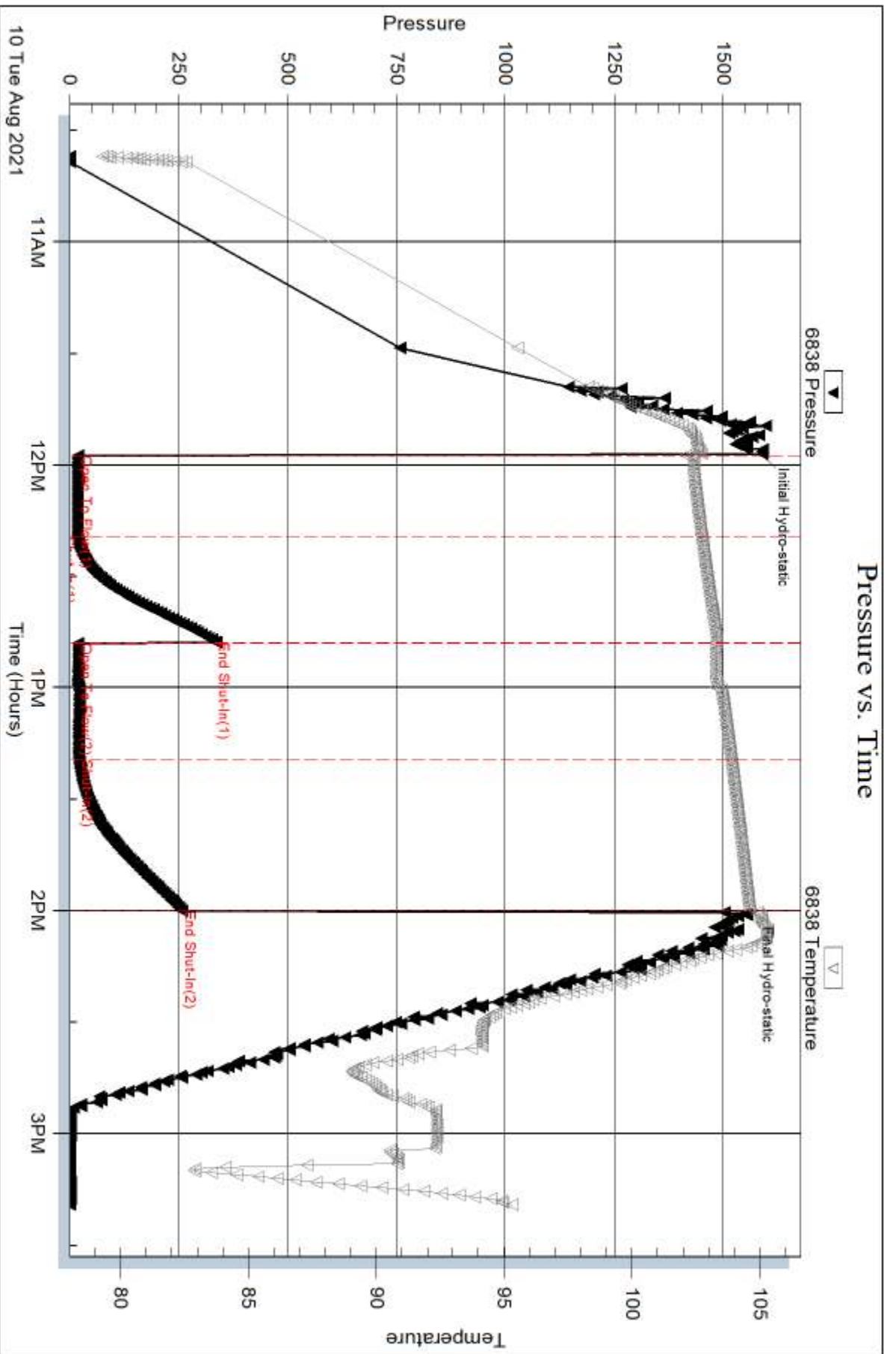
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Oil Spot Mud 100%M	0.142

Total Length: 10.00 ft Total Volume: 0.142 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 1 1/2#LCM



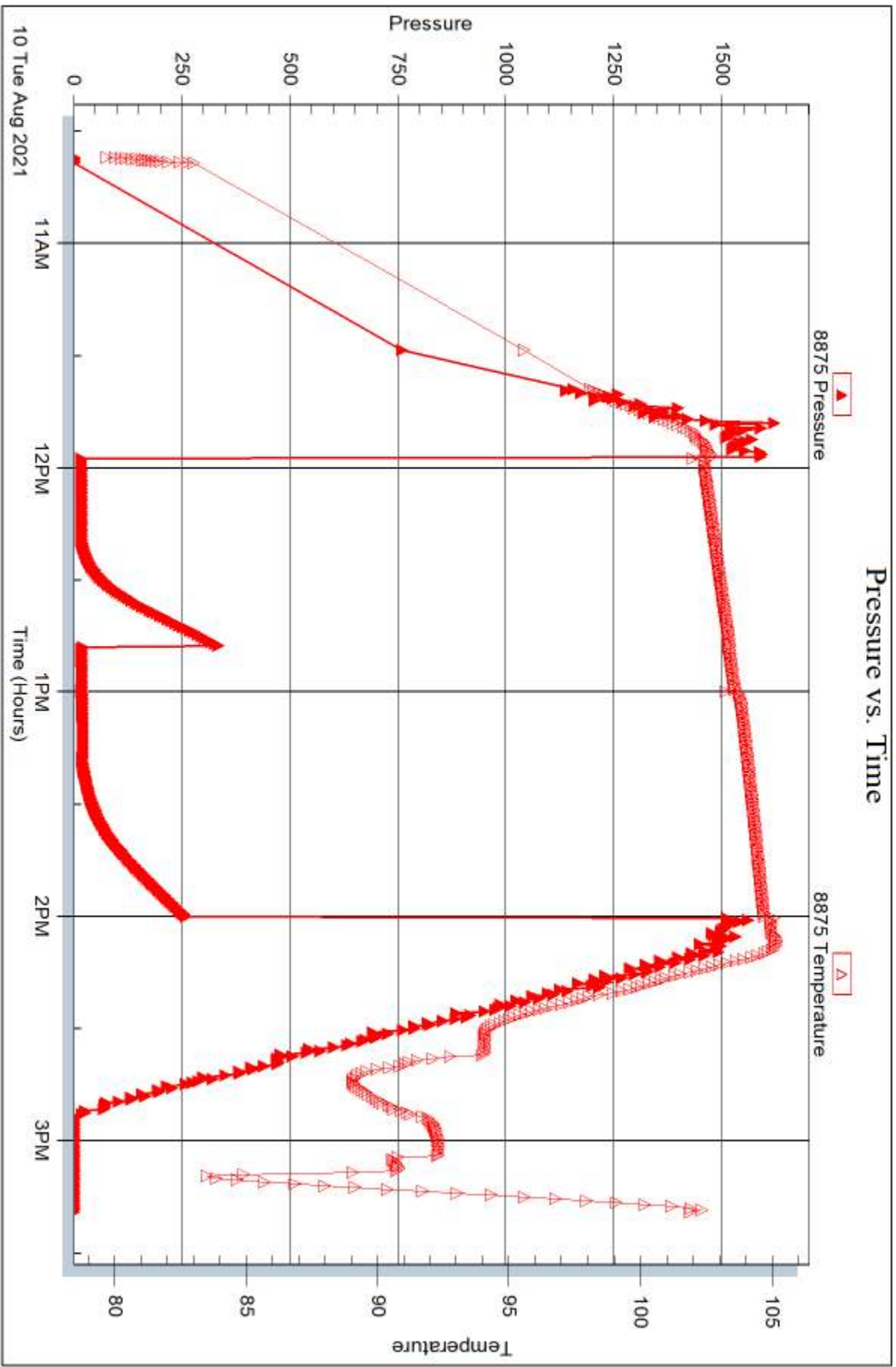
Serial #: 8875

Inside

Mai Oil Operations Inc

K&R Mai #2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66893

Printed: 2021.08.12 @ 16:01:08



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

8411 Preston Rd STE 800
Dalas TX 75225+5520

ATTN: Jim Musgrove

K&R Mai #2

8-16s-11w Barton KS

Start Date: 2021.08.11 @ 06:20:00

End Date: 2021.08.11 @ 11:33:52

Job Ticket #: 66894 DST #: 3

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

Printed: 2021.08.12 @ 16:00:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66894 **DST#: 3**
 Test Start: 2021.08.11 @ 06:20:00

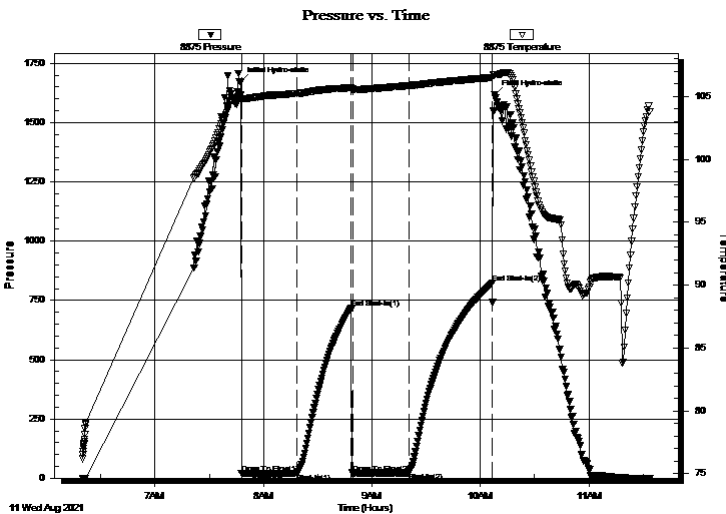
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:47:42 Tester: Spencer J Staab
 Time Test Ended: 11:33:52 Unit No: 84
 Interval: **3283.00 ft (KB) To 3335.00 ft (KB) (TVD)** Reference Elevations: 1865.00 ft (KB)
 Total Depth: 3335.00 ft (KB) (TVD) 1855.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8875 **Inside**
 Press@RunDepth: 22.67 psig @ 3286.00 ft (KB) Capacity: psig
 Start Date: 2021.08.11 End Date: 2021.08.11 Last Calib.: 2021.08.11
 Start Time: 06:20:01 End Time: 11:33:52 Time On Btm: 2021.08.11 @ 07:47:22
 Time Off Btm: 2021.08.11 @ 10:07:57

TEST COMMENT: 30-IF-Surface to 3/4" Died back to 1/2"
 30-ISI-No Return
 30-FF-No Blow
 45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.32	105.10	Initial Hydro-static
1	19.63	104.72	Open To Flow (1)
32	19.77	105.22	Shut-In(1)
62	717.29	105.68	End Shut-In(1)
62	19.84	105.56	Open To Flow (2)
94	22.67	105.86	Shut-In(2)
140	822.31	106.52	End Shut-In(2)
141	1618.38	106.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GV SOCM 3%G 2%O 95%M	0.14
15.00	GO 10%G 90%O	0.21

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

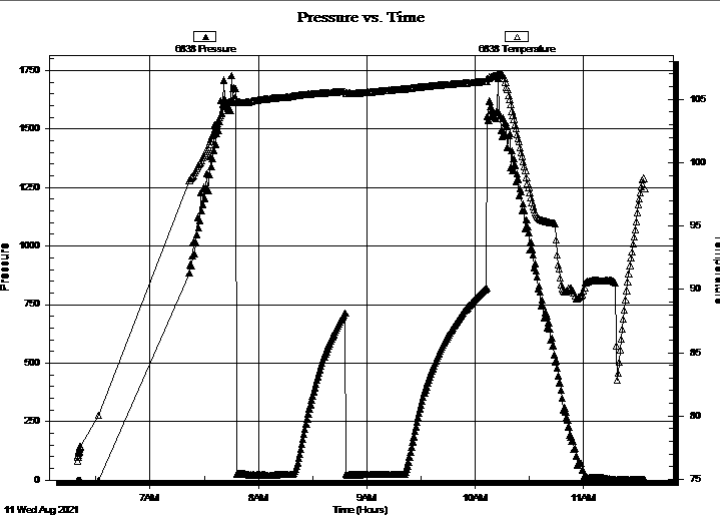
8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66894 **DST#: 3**
 Test Start: 2021.08.11 @ 06:20:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:47:42
 Time Test Ended: 11:33:52
Interval: 3283.00 ft (KB) To 3335.00 ft (KB) (TVD)
 Total Depth: 3335.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 1865.00 ft (KB)
 1855.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6838 Inside
 Press@RunDepth: psig @ 3286.00 ft (KB) Capacity: psig
 Start Date: 2021.08.11 End Date: 2021.08.11 Last Calib.: 2021.08.11
 Start Time: 06:20:01 End Time: 11:33:52 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-Surface to 3/4" Died back to 1/2"
 30-ISI-No Return
 30-FF-No Blow
 45-FSI-No Return



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

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	GV SOCM 3%G 2%O 95%M	0.14
15.00	GO 10%G 90%O	0.21

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66894 **DST#: 3**
Test Start: 2021.08.11 @ 06:20:00

Tool Information

Drill Pipe:	Length: 3264.00 ft	Diameter: 3.82 inches	Volume: 46.27 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3283.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.00 ft				
Tool Length:	80.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

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

Change Over Sub	1.00			3256.00	
Change Over Sub	1.00			3257.00	
Shut In Tool	5.00			3262.00	
Hydraulic tool	5.00		Fluid	3267.00	
Gap Sub	4.00			3271.00	
Safety Joint	3.00			3274.00	
Packer	5.00			3279.00	28.00 Bottom Of Top Packer
Packer	4.00			3283.00	
Stubb	1.00			3284.00	
Perforations	1.00			3285.00	
Change Over Sub	1.00			3286.00	
Recorder	0.00	6838	Inside	3286.00	
Recorder	0.00	8875	Inside	3286.00	
Drill Pipe	32.00			3318.00	
Change Over Sub	1.00			3319.00	
Perforations	13.00			3332.00	
Bullnose	3.00			3335.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66894 **DST#: 3**
Test Start: 2021.08.11 @ 06:20:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.58 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7500.00 ppm		
Filter Cake: inches		

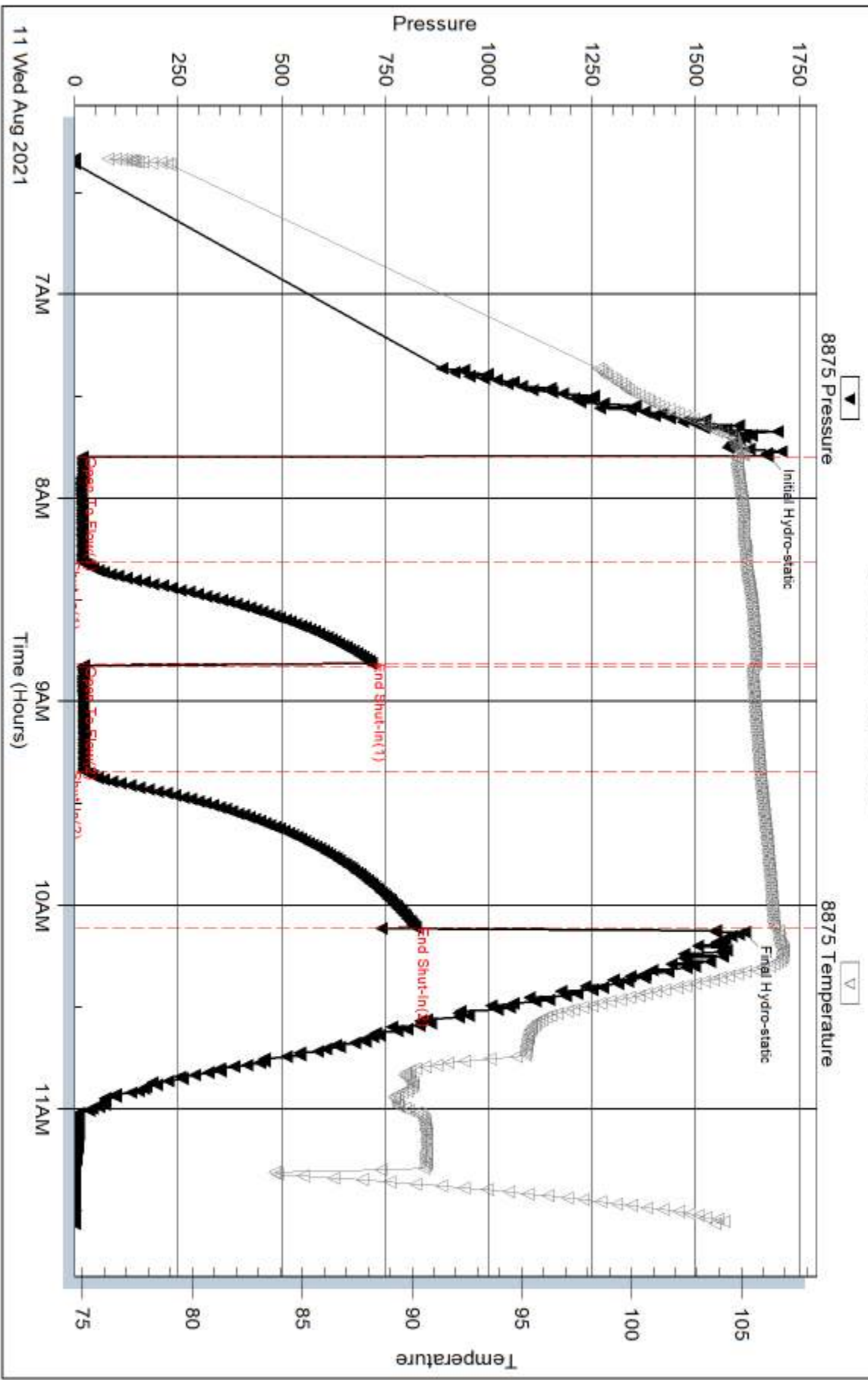
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	GVSOCM 3%G 2%O 95%M	0.142
15.00	GO 10%G 90%O	0.213

Total Length: 25.00 ft Total Volume: 0.355 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1 1/2#LCM

Pressure vs. Time



11 Wed Aug 2021

7AM

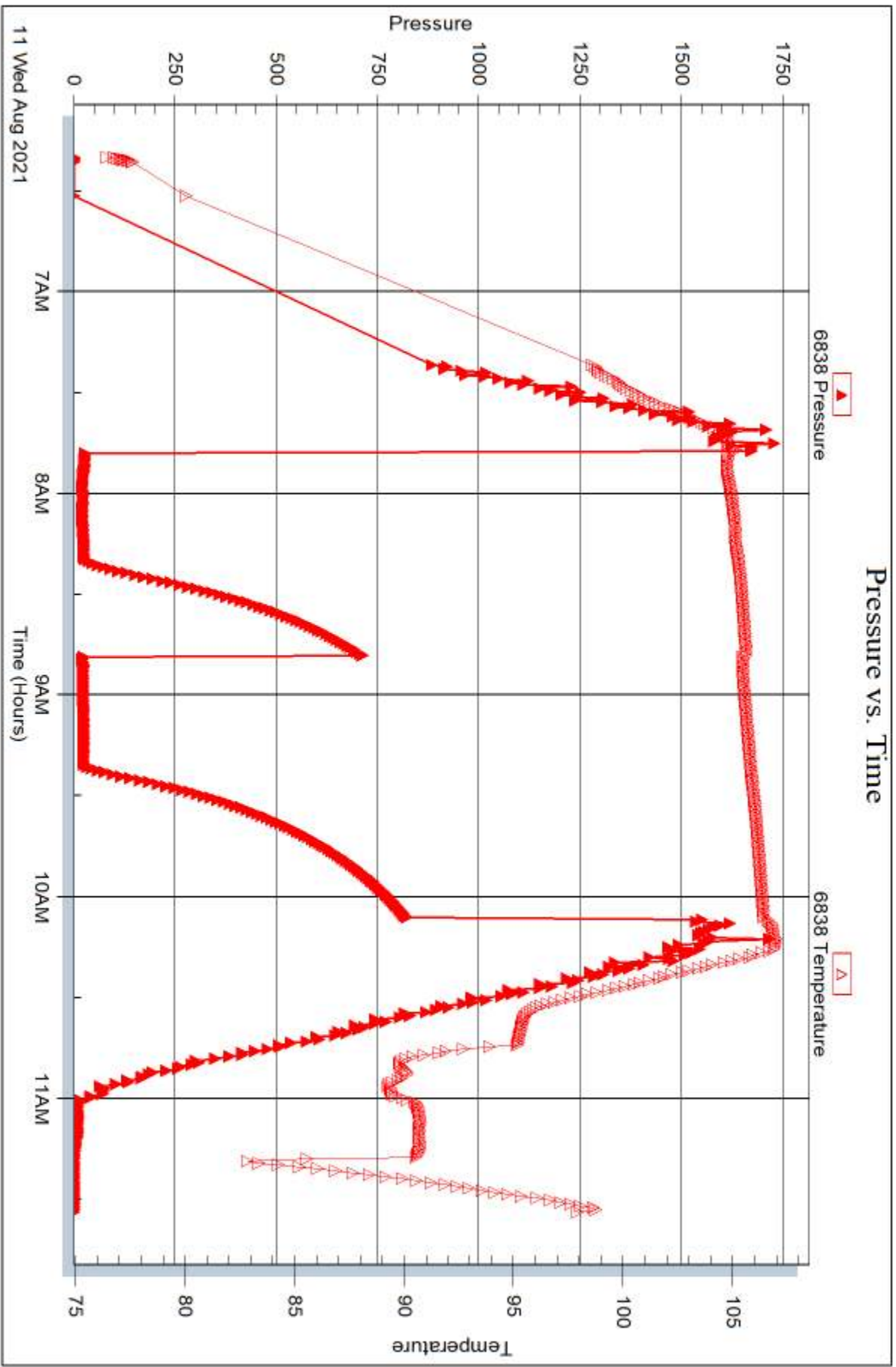
8AM

9AM

10AM

11AM

Time (Hours)





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

8411 Preston Rd STE 800
Dalas TX 75225+5520

ATTN: Jim Musgrove

K&R Mai #2

8-16s-11w Barton KS

Start Date: 2021.08.11 @ 17:59:00

End Date: 2021.08.11 @ 23:33:32

Job Ticket #: 66895 DST #: 4

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

Printed: 2021.08.12 @ 16:00:11



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66895 **DST#: 4**
 Test Start: 2021.08.11 @ 17:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:07:37
 Tester: Spencer J Staab
 Time Test Ended: 23:33:32
 Unit No: 84
Interval: 3334.00 ft (KB) To 3345.00 ft (KB) (TVD)
 Reference Elevations: 1865.00 ft (KB)
 Total Depth: 3345.00 ft (KB) (TVD)
 1855.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

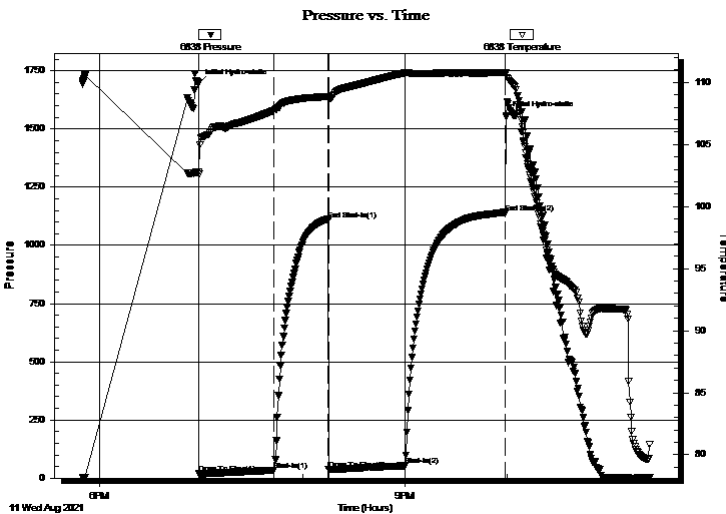
Serial #: 6838

Inside

Press@RunDepth: 53.29 psig @ 3335.00 ft (KB) Capacity: psig
 Start Date: 2021.08.11 End Date: 2021.08.11 Last Calib.: 2021.08.11
 Start Time: 17:50:01 End Time: 23:24:32 Time On Btm: 2021.08.11 @ 18:58:17
 Time Off Btm: 2021.08.11 @ 21:59:22

TEST COMMENT: 45-IF-Surface to 3 3/4"
 30-ISI-No Return
 45-FF-Surface @ 3 mins Built to 2"
 60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.16	102.77	Initial Hydro-static
1	20.29	102.59	Open To Flow (1)
45	34.16	107.75	Shut-In(1)
77	1110.63	108.83	End Shut-In(1)
77	39.34	108.60	Open To Flow (2)
122	53.29	110.76	Shut-In(2)
181	1141.78	110.80	End Shut-In(2)
182	1558.20	110.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	WM 25%W 75%M	1.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

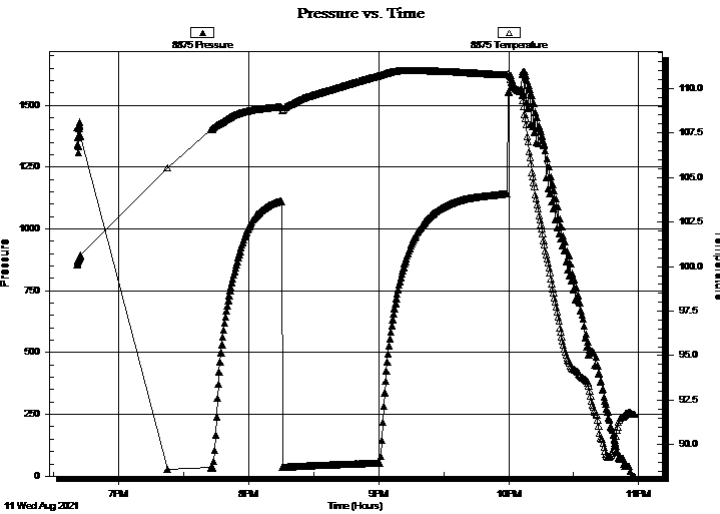
8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66895 **DST#: 4**
Test Start: 2021.08.11 @ 17:59:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 19:07:37 Tester: Spencer J Staab
Time Test Ended: 23:33:32 Unit No: 84
Interval: 3334.00 ft (KB) To 3345.00 ft (KB) (TVD) Reference Elevations: 1865.00 ft (KB)
Total Depth: 3345.00 ft (KB) (TVD) 1855.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8875 Outside
Press@RunDepth: psig @ 3335.00 ft (KB) Capacity: psig
Start Date: 2021.08.11 End Date: 2021.08.11 Last Calib.: 2021.08.11
Start Time: 18:41:01 End Time: 22:58:17 Time On Btm:
Time Off Btm:

TEST COMMENT: 45-IF-Surface to 3 3/4"
30-ISI-No Return
45-FF-Surface @ 3 mins Built to 2"
60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
90.00	WM 25%W 75%M	1.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66895 **DST#: 4**
Test Start: 2021.08.11 @ 17:59:00

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.82 inches	Volume: 47.18 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	45000.00 lb
Drill Pipe Above KB:	22.00 ft			Final	46000.00 lb
Depth to Top Packer:	3334.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

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

Change Over Sub	1.00			3307.00	
Change Over Sub	1.00			3308.00	
Shut In Tool	5.00			3313.00	
Hydraulic tool	5.00		Fluid	3318.00	
Gap Sub	4.00			3322.00	
Safety Joint	3.00			3325.00	
Packer	5.00			3330.00	28.00 Bottom Of Top Packer
Packer	4.00			3334.00	
Stubb	1.00			3335.00	
Recorder	0.00	6838	Inside	3335.00	
Recorder	0.00	8875	Outside	3335.00	
Perforations	7.00			3342.00	
Bullnose	3.00			3345.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66895 **DST#: 4**
Test Start: 2021.08.11 @ 17:59:00

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:	13000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: inches			

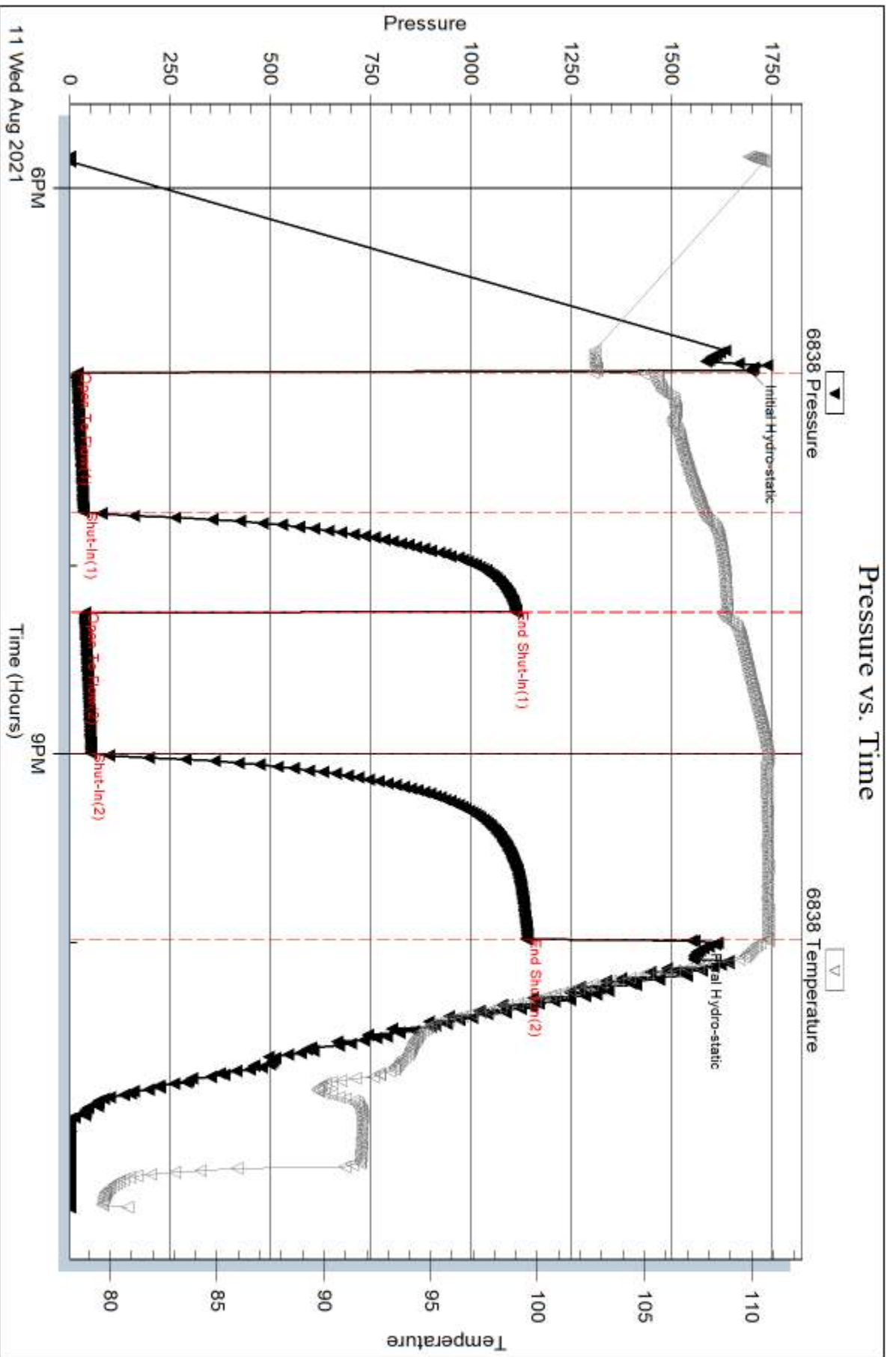
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	WM 25%W 75%M	1.276

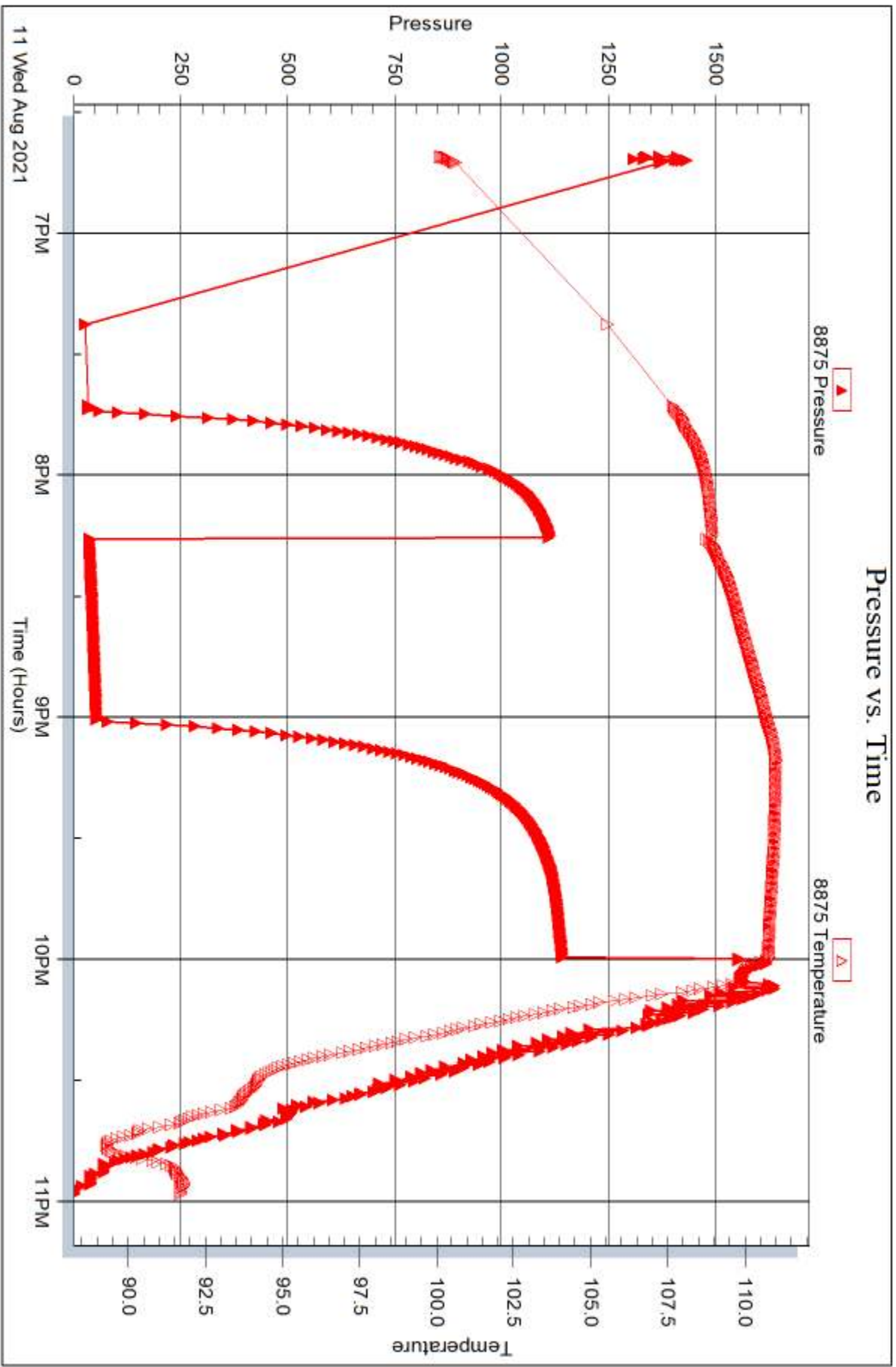
Total Length: 90.00 ft Total Volume: 1.276 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1 1/2#LCM
 RW=.467@75F

Pressure vs. Time



11 Wed Aug 2021 6PM

Time (Hours) 9PM





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

8411 Preston Rd STE 800
Dalas TX 75225+5520

ATTN: Jim Musgrove

K&R Mai #2

8-16s-11w Barton KS

Start Date: 2021.08.12 @ 04:38:00

End Date: 2021.08.12 @ 09:37:17

Job Ticket #: 66896 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.08.12 @ 15:58:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66896 **DST#: 5**
 Test Start: 2021.08.12 @ 04:38:00

GENERAL INFORMATION:

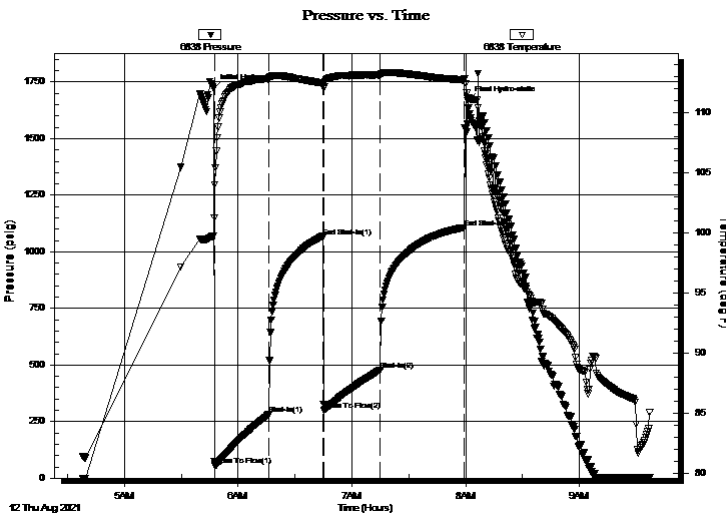
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:47:42 Tester: Spencer J Staab
 Time Test Ended: 09:37:17 Unit No: 84
 Interval: **3341.00 ft (KB) To 3351.00 ft (KB) (TVD)** Reference Elevations: 1865.00 ft (KB)
 Total Depth: 3351.00 ft (KB) (TVD) 1855.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 6838 Inside
 Press@RunDepth: 478.27 psig @ 3342.00 ft (KB) Capacity: psig
 Start Date: 2021.08.12 End Date: 2021.08.12 Last Calib.: 2021.08.12
 Start Time: 04:38:01 End Time: 09:37:17 Time On Btm: 2021.08.12 @ 05:47:02
 Time Off Btm: 2021.08.12 @ 08:01:02

TEST COMMENT: 30-IF-BOB 4 mins Built to 70"
 30-ISI-No Return
 30-FF-BOB 4 mins Built to 57"
 45-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.15	99.74	Initial Hydro-static
1	56.87	103.99	Open To Flow (1)
30	281.21	112.89	Shut-In(1)
58	1068.18	112.42	End Shut-In(1)
59	300.83	112.03	Open To Flow (2)
88	478.27	113.20	Shut-In(2)
133	1107.26	112.77	End Shut-In(2)
134	1667.19	111.31	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
1100.00	MCW 10%M 90%W	15.59

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd STE 800
 Dalas TX 75225+5520
 ATTN: Jim Musgrove

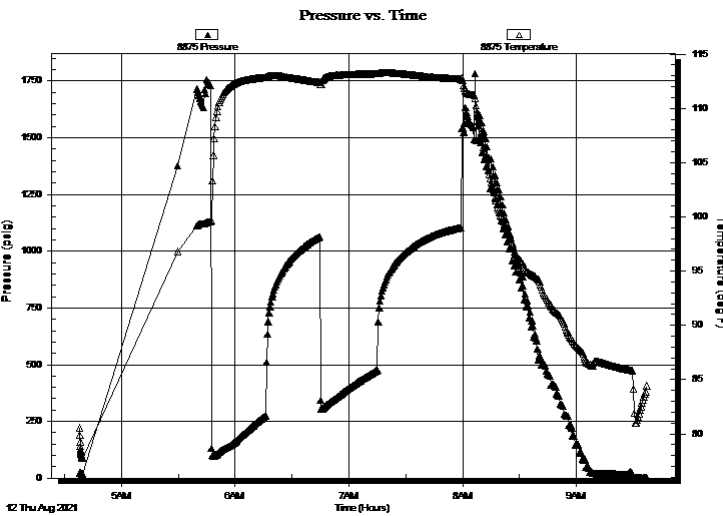
8-16s-11w Barton KS
K&R Mai #2
 Job Ticket: 66896 **DST#: 5**
 Test Start: 2021.08.12 @ 04:38:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:47:42
 Time Test Ended: 09:37:17
 Interval: **3341.00 ft (KB) To 3351.00 ft (KB) (TVD)**
 Total Depth: 3351.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 1865.00 ft (KB)
 1855.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8875 Outside
 Press@RunDepth: psig @ 3342.00 ft (KB) Capacity: psig
 Start Date: 2021.08.12 End Date: 2021.08.12 Last Calib.: 2021.08.12
 Start Time: 04:38:01 End Time: 09:37:17 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB 4 mins Built to 70"
 30-ISI-No Return
 30-FF-BOB 4 mins Built to 57"
 45-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1100.00	MCW 10%M 90%W	15.59

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66896 **DST#: 5**
Test Start: 2021.08.12 @ 04:38:00

Tool Information

Drill Pipe:	Length: 3324.00 ft	Diameter: 3.82 inches	Volume: 47.12 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3341.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			

Tool Comments:

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

Change Over Sub	1.00			3314.00	
Change Over Sub	1.00			3315.00	
Shut In Tool	5.00			3320.00	
Hydraulic tool	5.00		Fluid	3325.00	
Gap Sub	4.00			3329.00	
Safety Joint	3.00			3332.00	
Packer	5.00			3337.00	28.00 Bottom Of Top Packer
Packer	4.00			3341.00	
Stubb	1.00			3342.00	
Recorder	0.00	6838	Inside	3342.00	
Recorder	0.00	8875	Outside	3342.00	
Perforations	6.00			3348.00	
Bullnose	3.00			3351.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
8411 Preston Rd STE 800
Dalas TX 75225+5520
ATTN: Jim Musgrove

8-16s-11w Barton KS
K&R Mai #2
Job Ticket: 66896 **DST#: 5**
Test Start: 2021.08.12 @ 04:38:00

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:	11000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8500.00 ppm			
Filter Cake: inches			

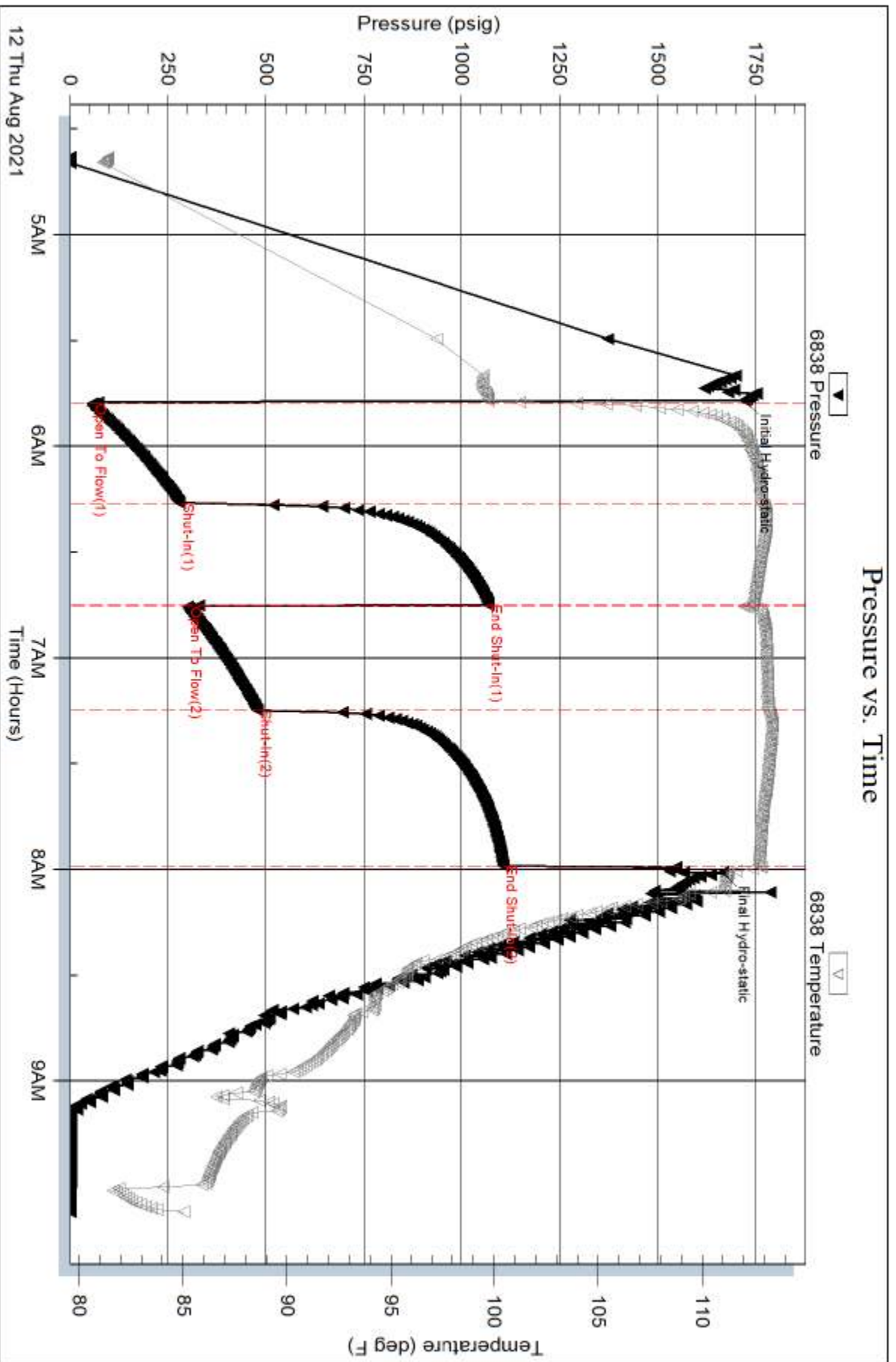
Recovery Information

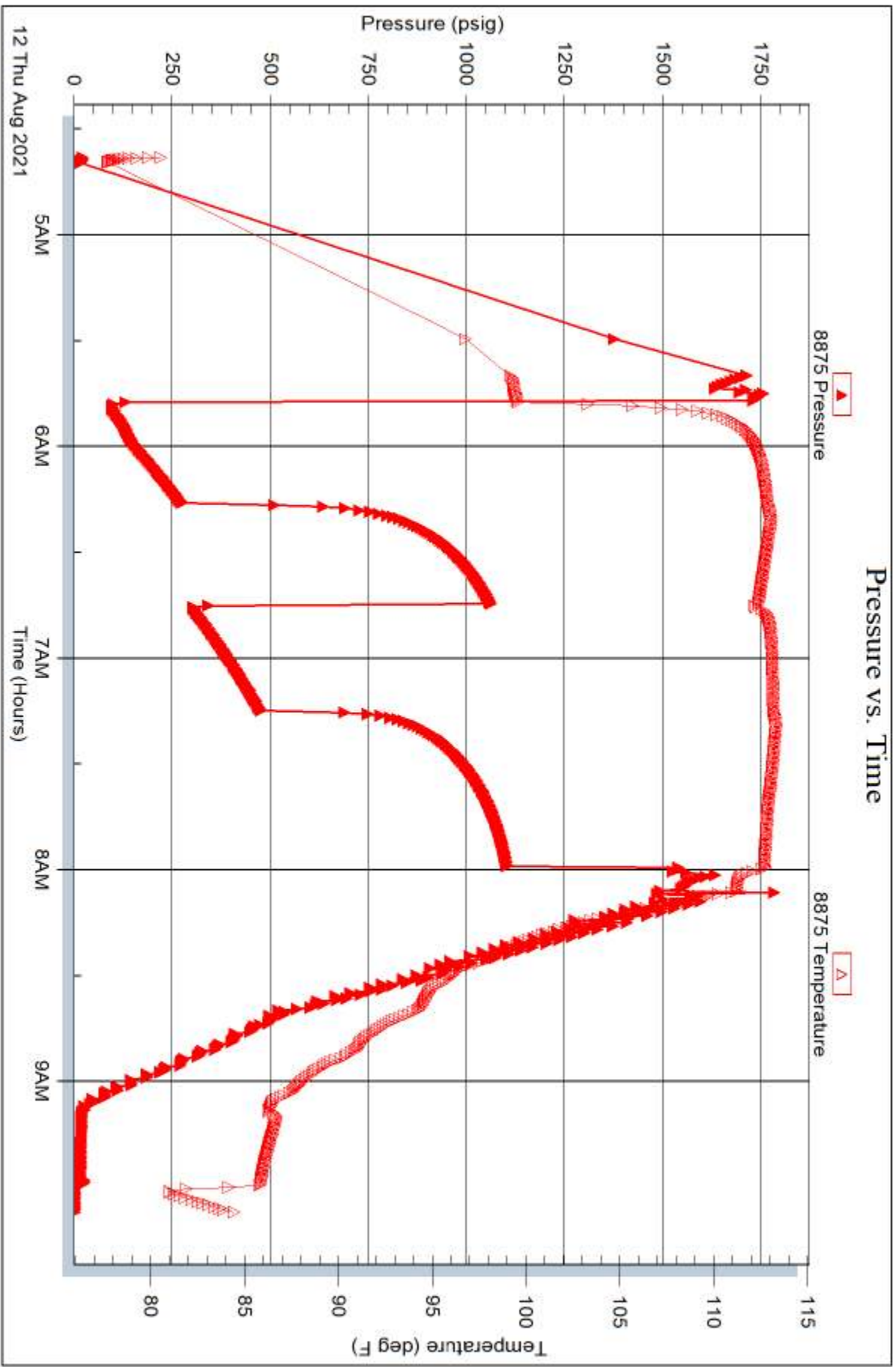
Recovery Table

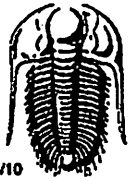
Length ft	Description	Volume bbl
1100.00	MCW 10%M 90%W	15.593

Total Length: 1100.00 ft Total Volume: 15.593 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM
RW=.544@73F

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66892

Well Name & No. K & R Mai #2 Test No. 1 Date 08/09/2021
 Company Mai Oil Operations Inc Elevation KB GL
 Address 8411 Preston Rd STE 800 Dallas Tx 75225-5520
 Co. Rep / Geo. Jim Musgrove Rig Southwind #3
 Location: Sec. 8 Twp 16s Rge. 11w Co. Barton State Ks

Interval Tested 3013' - 3070' Zone Tested LKC
 Anchor Length 57' Drill Pipe Run 3010' Mud Wt. 8.6
 Top Packer Depth 3008' Drill Collars Run - Vls 60
 Bottom Packer Depth 3013' Wt. Pipe Run - WL 7.8
 Total Depth 3070' Chlorides 4000 ppm System LCM 2#

Blow Description 27- BOB 7 min; Built to 29 1/2"
JSB- No Return
77- BOB 1 min; Built to 55"
7SD- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>30'</u>	<u>GOCM</u>	<u>15</u>	<u>10</u>	<u>75</u>	
<u>915'</u>	<u>GIP</u>	<u>100</u>			

Rec Total 30' BHT 104° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1488</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>13:48</u>
(B) First Initial Flow <u>30</u>	<input type="checkbox"/> Jars	T-Started <u>16:06</u>
(C) First Final Flow <u>19</u>	<input type="checkbox"/> Safety Joint	T-Open <u>17:41</u>
(D) Initial Shut-In <u>336</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>20:26</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:55</u>
(F) Second Final Flow <u>26</u>	<input checked="" type="checkbox"/> Mileage <u>12027</u> 150	Comments
(G) Final Shut-In <u>515</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1457</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350 NS</u>

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1450

MP/DST Disc't

Approved By _____ Our Representative Spencer J. Frank
 TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66893

Well Name & No. H + R Mai #2 Test No. 2 Date 08/10/2021
 Company Mai Oil Operations Inc Elevation 1865 KB 1855 GL
 Address 8411 Preston Rd STE 800 Dallas Tx 75225-15520
 Co. Rep / Geo. Jim Musgrove Rig Southwind #3
 Location: Sec. 8 Twp 16S Rge. 11W Co. Barton State Ks

Interval Tested 3173' - 3220' Zone Tested LHC J-J
 Anchor Length 47' Drill Pipe Run 3169' Mud Wt. 9.4
 Top Packer Depth 3168' Drill Collars Run — Vis 4.5
 Bottom Packer Depth 3173' Wt. Pipe Run — WL 9.6
 Total Depth 3220' Chlorides 4500 ppm System LCM 1 1/2#

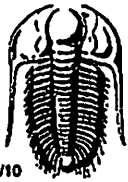
Blow Description D7- Weak; Built to 1/4"
DSD- No Return
F7- No Blow; Flushed; No help
FSD- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Oil spot Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 104° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1588 Test 1300 T-On Location 10:10
 (B) First Initial Flow 19 Jars — T-Started 10:37
 (C) First Final Flow 18 Safety Joint — T-Open 11:56
 (D) Initial Shut-In 336 Circ Sub — T-Pulled 14:01
 (E) Second Initial Flow 19 Hourly Standby — T-Out —
 (F) Second Final Flow 21 Mileage 12027 150 Comments —
 (G) Final Shut-In 258 Sampler —
 (H) Final Hydrostatic 1554 Straddle — EM Tool 350 NS
 Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1450
 Accessibility — Sub Total 1450 MP/DST Disc't —

Approved By _____ Our Representative [Signature]
 Triobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66894

Well Name & No. H + R Mai #2 Test No. 3 Date 08/11/2021
 Company Mai Oil Operations Inc Elevation 1865 KB 1855 GL
 Address 8411 Preston Rd STE 800 Dallas Tx 75225-5520
 Co. Rep / Geo. Jim Musgrave Rig Southwind #3
 Location: Sec. 8 Twp 16S Rge. 11W Co. Barton State Ks

Interval Tested 3283' - 3335' Zone Tested Arbuckle
 Anchor Length 52' Drill Pipe Run 3264' Mud Wt. 9.4
 Top Packer Depth 3278' Drill Collars Run - Vls 45
 Bottom Packer Depth 3283' Wt. Pipe Run - WL 9.6
 Total Depth 3335' Chlorides 7500 ppm System LCM 1 1/2#

Blow Description 7-Weak; Built to 3/4" Died to 1/2"
5SD - No Blow
77 - No Return
7SD - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>GU S O C M</u>	<u>3</u>	<u>2</u>	<u>95</u>	
<u>15</u>	<u>GO</u>	<u>10</u>	<u>90</u>		

Rec Total 25' BHT 106° Gravity 39° API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1673 Test 1300 T-On Location 05:46
 (B) First Initial Flow 19 Jars _____ T-Started 06:20
 (C) First Final Flow 20 Safety Joint _____ T-Open 07:45
 (D) Initial Shut-In 717 Circ Sub _____ T-Pulled 10:00
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 11:32
 (F) Second Final Flow 22 Mileage 12027 150 Comments _____
 (G) Final Shut-In 822 Sampler _____
 (H) Final Hydrostatic 1618 Straddle _____ EM Tool 350 NS
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45
 Sub Total 1450
 Sub Total 1450
 MP/DST Disc't _____
 Sub Total 0
 Total 1450

Approved By _____ Our Representative James J. Head Thanks!

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

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66895

Well Name & No. H + R Main #2 Test No. 4 Date 08/11/2021
 Company Main Oil Operations Inc Elevation 1865 KB 1855 GL
 Address 8411 Preston Rd STE 800 Dallas Tx 75225 +5520
 Co. Rep / Geo. Jim Musgrove Rig Southwind #3
 Location: Sec. 8 Twp 46s Rge. 11w Co. Barton State Ks

Interval Tested 3334' - 3345 Zone Tested Arbuckle
 Anchor Length 11' Drill Pipe Run _____ Mud Wt. 9.4
 Top Packer Depth 3329' Drill Collars Run — Vis 45
 Bottom Packer Depth 3334' Wt. Pipe Run — WL 9.6
 Total Depth 3345 Chlorides 7500 ppm System LCM 1 1/2 #

Blow Description 77- Surface to 3 3/4"
DSD - No Return
77- Surface @ 3 mins; Built to 2"
78D - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>WM w/ spots</u>		<u>25</u>	<u>75</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

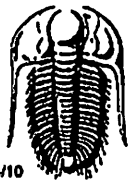
Rec Total 90' BHT 110° Gravity — API RW 467 @ 75 ° F Chlorides 7500 ppm

(A) Initial Hydrostatic 1696 Test 1300 T-On Location 17:07
 (B) First Initial Flow 17 Jars _____ T-Started 17:26
 (C) First Final Flow 34 Safety Joint _____ T-Open 18:58
 (D) Initial Shut-In 1113 Circ Sub _____ T-Pulled 21:58
 (E) Second Initial Flow 37 Hourly Standby _____ T-Out 23:24
 (F) Second Final Flow 53 Mileage 2027 150 Comments _____
 (G) Final Shut-In 1141 Sampler _____
 (H) Final Hydrostatic 1627 Straddle _____ EM Tool _____

Initial Open 45 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Sub Total 1450 Accessibility _____ Total 1450
 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66896

Well Name & No. H + R Mai #2 Test No. 5 Date 08/12/2001
 Company Mai Oil Operations Inc Elevation 1865 KB 1855 GL
 Address 8411 Preston Rd STE 800 Dallas Tx 75225-5520
 Co. Rep / Geo. Jim Musgrove Rig Southwind #3
 Location: Sec. 8 Twp 16s Rge. 11w Co. Barton State Ks

Interval Tested 3341' - 3351' Zone Tested Arbuckle
 Anchor Length 10' Drill Pipe Run 3324' Mud Wt. 9.3
 Top Packer Depth 3336' Drill Collars Run — Vis 47
 Bottom Packer Depth 3341' Wt. Pipe Run — WL 9.2
 Total Depth 3351 Chlorides 8500 ppm System LCM 2H

Blow Description 77-BOB 4 mins; Built to 70"
ISS - No Return
77-BOB 4 mins; Built to 57"
7SD - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1100</u>	<u>MCPW</u>		<u>90</u>	<u>10</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 1100 BHT 112° Gravity — API RW 544 @ 73° F Chlorides 11,000 ppm
 (A) Initial Hydrostatic 1722 Test 1300 T-On Location 04:00
 (B) First Initial Flow 56 Jars _____ T-Started 04:26
 (C) First Final Flow 281 Safety Joint _____ T-Open 05:47
 (D) Initial Shut-In 1068 Circ Sub _____ T-Pulled 08:02
 (E) Second Initial Flow 300 Hourly Standby _____ T-Out 09:38
 (F) Second Final Flow 478 Mileage 12027 150 Comments 3 nights @
 (G) Final Shut-In 1107 Sampler _____ Hoisington Hotel
 (H) Final Hydrostatic 1667 Straddle _____ EM Tool _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1450
 Sub Total 1450 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Approved By _____ Our Representative James J. [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 8/6/2021
 Invoice # 2451

P.O.#:

Due Date: 9/5/2021

Division: Russell

Invoice

Contact:
 Mai Oil Operations
Address/Job Location:

8411 Preston Rd. Ste 800
 Dallas TX 75225-5520

Reference:
 K & R MAI 2 SEC 8-16-11

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 684.02	No				
Common-Class A	120	\$ 1,895.20	Yes				
POZ Mix-Standard	80	\$ 429.33	Yes				
Calcium Chloride	9	\$ 386.40	Yes				
Bulk Truck Matl-Material Service Charge	213	\$ 163.30	No				
Premium Gel (Bentonite)	4	\$ 88.93	Yes				
Pump Truck Mileage-Job to Nearest Camp	27	\$ 93.15	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$ 72.45	No				

Invoice Terms:
 Net 30

SubTotal: \$ 3,812.79
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (95.32)

SubTotal for Taxable Items:	\$ 2,729.87
SubTotal for Non-Taxable Items:	\$ 987.60
Total:	\$ 3,717.47
Tax:	\$ 204.74

7.50% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,922.21
Applied Payments:
Balance Due: \$ 3,922.21

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2451

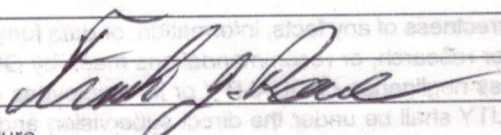
Date <u>8/6/21</u>	Sec. <u>8</u>	Twp. <u>16</u>	Range <u>11</u>	County <u>Barton</u>	State <u>Kansas</u>	On Location	Finish <u>3:00 Am</u>
				Location			

Lease <u>K+R Mai</u>	Well No. <u>2</u>	Owner <u>Dabuke 15 2nd E 31st N</u>
Contractor <u>Southwind Drilling</u>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job <u>Surface</u>	Charge To <u>Mai Oil</u>	
Hole Size <u>12 1/4</u>	T.D. <u>433</u>	
Csg. <u>8 5/8</u>	Depth <u>432-31</u>	Street
Tbg. Size	Depth	City
Tool	Depth	State
Cement Left in Csg. <u>30'</u>	Shoe Joint <u>30'</u>	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Displace <u>25.5</u>	Cement Amount Ordered <u>200% 4% cc 2% gel</u>

EQUIPMENT			Common <u>120</u>
Pumptrk <u>16</u>	No.	Cementer Helper <u>David</u>	Poz. Mix <u>80</u>
Bulktrk <u>9</u>	No.	Driver <u>Brett</u>	Gel. <u>4</u>
Bulktrk	No.	Driver	Calcium <u>9</u>

JOB SERVICES & REMARKS			Hulls
Remarks:			Salt
Rat Hole			Flowseal
Mouse Hole			Kol-Seal
Centralizers			Mud CLR 48
Baskets			CFL-117 or CD110 CAF 38
D/V or Port Collar			Sand
<u>Ran 8 5/8 Csg and est. Circulation</u>			Handling <u>2/3</u>
<u>Cemented with 200 sks</u>			Mileage

FLOAT EQUIPMENT		
Guide Shoe		
Centralizer		
Baskets		
AFU Inserts		
Float Shoe		
Latch Down		

<u>Cement Did Circulate</u>	Pumptrk Charge <u>Surface</u>	Tax
	Mileage <u>27</u>	Discount
	<u>Thanks</u>	Total Charge
X Signature		

FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671

Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Invoice

Date	Invoice #
8/12/2021	0386

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To
Mai Oil Operations, Inc 8411 Preston Road, Ste. 800 Dallas, TX 75225-5520

County/State	Lease/Well#	Terms	Job Type
Barton County, KS	K & R Mai #2	Net 30	Rotary Plug

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	47	6.50	305.50
10,68 tons at 47 miles	1	752.94	752.94
60/40 4% gel 1/4# floeal	240	16.25	3,900.00
25% Discount		-1,527.11	-1,527.11

Thank-you!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

Subtotal \$4,581.33

We appreciate your business and look forward to serving you again!

Sales Tax (7.5%) \$219.38

Balance Due \$4,800.71

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671
 ◆ Office Phone (785) 639-3949

◆ 24 Hour Phone (785) 639-7269
 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0386
 LOCATION Victoria KS
 FOREMAN Tam Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
08-12-21	5259	K&R Mei #2	8	16	11	Barton

CUSTOMER
Mai Oil Operations, Inc.
 MAILING ADDRESS
6411 Preston Rd. STE 600
 CITY Dallas STATE TX ZIP CODE 75225

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Tam W		
103	Preston D		
	Marc K		

JOB TYPE Rotary Plug HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5" TUBING _____ OTHER _____
 SLURRY WEIGHT 13.7 SLURRY VOL. 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety marking & r-g up on Southwind #1 + plugged as needed
1st 50 sk 2304'
2nd 50 sk 750'
3rd 50 sk 475'
4th 50 sk 250'
5th Center 10 sk 40'
6th 30 sk RH

Thanks Tam & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL002	1	PUMP CHARGE	\$1150.00	\$1150.00
MO01	47	MILEAGE	\$1.50	\$305.50
MO02	10.68 tons	Tan Mileage delivery	\$752.94	\$752.94
LB010	240 sk	60/40 4% gel 7/4" 510	\$16.25	\$3900.00
			sub total	\$6108.44
			less 25% disc.	\$1527.11
			sub total	\$4581.33
			SALES TAX	219.38
			ESTIMATED TOTAL	4,800.71

AUTHORIZATION *Tam Williams* TITLE _____ DATE _____

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