

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) (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	Brickley Enterprises, LLC
Well Name	PATTERSON 3
Doc ID	1723251

Tops

Name	Top	Datum
KC	2116	-702
Pawnee	2502	-1088
Ardmore	2603	-1289
Miss Unc.	2746	-1332
Osage	2832	-1418
Kinderhook	3067	-1654
Viola	3127	-1732
Simpson	3148	-1734

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
2/23/2023	7047

Bill To	
Brickley Enterprises PO Box 1118 El Dorado, KS 67042	
Customer ID#	1316

Job Date	2/20/2023
Lease Information	
Patterson #3	
County	Butler
Foreman	DG

Item	Description	Qty	Rate	Amount
C102	Cement Pump-Longstring	1	1,180.00	1,180.00
C107	Pump Truck Mileage (one way)	30	5.00	150.00
C201	Thick Set Cement	135	24.25	3,273.75T
C207	KolSeal	675	0.56	378.00T
C208	Pheno Seal	270	1.55	418.50T
C108A	Ton Mileage (min. charge)	1	390.00	390.00
C660	4 1/2" AFU Float Shoe	1	340.00	340.00T
C420	4 1/2" Latch Down Plug	1	247.00	247.00T
C503	4 1/2" Centralizer	5	55.00	275.00T
C603	4 1/2" Cement Basket	1	251.00	251.00T
D101	Discount on Services		-86.00	-86.00
D102	Discount on Materials		-259.17	-259.17T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$6,558.08
Sales Tax (6.5%)	\$320.07
Total	\$6,878.15
Payments/Credits	\$0.00
Balance Due	\$6,878.15

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **7047**
 Foreman David Gardner
 Camp Eureka

API # 15-015-24196

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-20-23	1242	Patterson #3	9	27S	6E	Butler	KS
Customer			Unit #	Driver	Unit #	Driver	
Brickley Enterprises			111	Shannon			
Mailing Address			110	Dan			
P.O. Box 107							
City	State	Zip Code					
El Dorado	KS	67042					

Job Type Longstring Hole Depth 3167' K.B. Slurry Vol. 33 Bbl Tubing _____
 Casing Depth 3165.50' K.B. Hole Size 7 7/8" Slurry Wt. 13.8" Drill Pipe _____
 Casing Size & Wt. 4 1/2" 10.50" Cement Left in Casing 0' Water Gal/SK _____ Other _____
 Displacement 51 3/4 Bbl Displacement PSI 500 Bump Plug to 900 PSI BPM _____

Remarks: Safety Meeting: 4 1/2" 10.50" casing set @ 3165.50' K.B. = 1 1/2' above T.D. Circulate w/ Mud pump for 45 mins. Rig up to 4 1/2" casing. Break circulation w/ 15 Bbl fresh water. Mixed 100 sks Thick Set Cement w/ 5" Kelocal, 2" Phosocal/px @ 13.8" yield 1.85 = 33 Bbl slurry. Wash out pump & lines. Shut down. Release 4 1/2" Latch Down plug. Displace plug to seat w/ 51 3/4 Bbl fresh water. Final pumping pressure of 500 PSI. Bump plug to 900 PSI. Wait 2 mins. Release pressure. Flush & Plug back. Good circulation @ all times while cementing. Job complete. Rig down.

Plug R.H. w/ 20 sks, M.H. w/ 15 sks
 Centralizers on # 1, 2, 3, 4, 5 Basket on # 5

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1180.00	1180.00
C107	30	Mileage	5.00	150.00
C201	135 sks	Thick Set Cement	24.25	3273.75
C207	675"	Kelocal 5"/px	.56	378.00
C208	270"	Phosocal 2"/px	1.55	418.50
C108A	7.42 Tons	Ton Mileage - 36 Miles	m/c	390.00
C660	1	4 1/2" AFW Flat Shoe w/ Latch Down Insert	340.00	340.00
C420	1	4 1/2" Latch Down Plug	247.00	247.00
C503	5	4 1/2" x 7 7/8" Centralizers	55.00	275.00
C603	1	4 1/2" Cement Basket	251.00	251.00
Thank You			Sub Total	6,903.25
			Less 5%	362.01
			Sales Tax	336.91

Authorization by the way Title Lighthouse Digs - Tail Riser Total 6,878.15

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
2/22/2023	7045

Bill To	
Brickley Enterprises PO Box 1118 El Dorado, KS 67042	
Customer ID#	1316

Job Date	2/16/2023
Lease Information	
Patterson #3	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	950.00	950.00
C107	Pump Truck Mileage (one way)	30	5.00	150.00
C200	Class A Cement-94# sack	125	18.55	2,318.75T
C205	Calcium Chloride	350	0.75	262.50T
C206	Gel Bentonite	235	0.30	70.50T
C108A	Ton Mileage (min. charge)	1	390.00	390.00
D101	Discount on Services		-74.50	-74.50
D102	Discount on Materials		-132.59	-132.59T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$3,934.66
Sales Tax (6.5%)	\$163.75
Total	\$4,098.41
Payments/Credits	\$0.00
Balance Due	\$4,098.41

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **7045**

Foreman David Gardner

Camp Eureka

API #15-015-24196

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-16-23	1242	Patterson #3	9	27 S.	6 E.	Butler	KS
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
Brickley Enterprises			DC SF RM	111	Shannon		
Mailing Address				113	Russell		
P.O. Box 107							
City	State	Zip Code					
El Dorado	KS	67042					

Job Type Surface Hole Depth 228' KB. Slurry Vol. 34 Bbl Tubing _____
 Casing Depth 208' G.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" Cement Left in Casing 20' 7 1/2" Water Gal/SK _____ Other _____
 Displacement 13 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 10 bbl fresh water. Mixed 125 sbs Class A Cement w/ 3% Gcl, 2% Gel @ 15" gal yield 152 = 34 Bbl slurry. Displace w/ 13 Bbl fresh water. Shut down. Chase casing in. Good cement returns to surface = 10 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	950.00
C107	30	Mileage	5.00	150.00
C200	125 sbs	Class A Cement	18.55	2318.75
C205	250"	Gcl 3%	.75	262.50
C206	235"	Gcl 2%	.30	70.50
C108A	5.87 Tons	Ton Mileage - 30 Miles	m/k	390.00
Thank You			Sub Total	4,141.75
			Less 5%	215.70
			6.5% Sales Tax	172.36
Authorization <u>by Harley</u> Title <u>Lighthouse Drilling - Driller/Field Rep</u>			Total	<u>4,098.41</u>

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Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
2/22/2023	7045

Bill To	
Brickley Enterprises PO Box 1118 El Dorado, KS 67042	
Customer ID#	1316

Job Date	2/16/2023
Lease Information	
Patterson #3	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	950.00	950.00
C107	Pump Truck Mileage (one way)	30	5.00	150.00
C200	Class A Cement-94# sack	125	18.55	2,318.75T
C205	Calcium Chloride	350	0.75	262.50T
C206	Gel Bentonite	235	0.30	70.50T
C108A	Ton Mileage (min. charge)	1	390.00	390.00
D101	Discount on Services		-74.50	-74.50
D102	Discount on Materials		-132.59	-132.59T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$3,934.66
Sales Tax (6.5%)	\$163.75
Total	\$4,098.41
Payments/Credits	\$0.00
Balance Due	\$4,098.41

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **7045**

Foreman David Gardner

Camp Eureka

API #15-015-24196

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-16-23	1242	Patterson #3	9	27 S.	6 E.	Butler	KS
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
Brickley Enterprises			DC SF RM	111	Shannon		
Mailing Address				113	Russell		
PO. Box 107							
City	State	Zip Code					
El Dorado	KS	67042					

Job Type Surface Hole Depth 228' K.B. Slurry Vol. 34 Bbl Tubing _____
 Casing Depth 208' G.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" Cement Left in Casing 20' 7 1/2" Water Gal/SK _____ Other _____
 Displacement 13 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 10 bbl fresh water. Mixed 125 sbs Class A Cement w/ 3% Gels, 2% Gel @ 15" gal yield 152 = 34 bbl slurry. Displace w/ 13 Bbl fresh water. Shut down. Chase casing in. Good cement returns to surface = 10 bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	950.00
C107	30	Mileage	5.00	150.00
C200	125 sbs	Class A Cement	18.55	2318.75
C205	250"	Gels 3%	.75	262.50
C206	235"	Gel 2%	.30	70.50
C108A	5.87 Tons	Ton Mileage - 30 Miles	m/k	390.00
<u>Thank You</u>			Sub Total	4,141.75
			Less 5%	215.70
			6.5% Sales Tax	172.36

Authorization by Harley Title Lighthouse Drilling - Driller/Field Rep Total 4,098.41

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

William G. Hart,

Petroleum Geologist

COMPANY <u>Brickley Enterprises, LLC</u>	ELEVATIONS
LEASE <u>Patterson #3</u>	KB <u>1414</u>
FIELD <u>Reynolds - Scharfer</u>	DF _____
LOCATION <u>1/2 sec New river</u>	GL <u>1402</u>
SEC <u>9</u> TMSP <u>27</u> S RGE <u>6 E</u>	Measurements Are All
COUNTY <u>Butler</u> STATE <u>KS</u>	From <u>KS</u>
CONTRACTOR <u>Light House Drilling LLC</u>	CASING _____
SPUD <u>2/16/2023</u> COMP <u>3/16/23</u>	SURFACE _____
RTD <u>3167</u> LTD <u>2157'</u>	PRODUCTION <u>10</u> @ <u>3165'</u>
MUD UP <u>2200</u> TYPE MUD <u>Chemical</u>	ELECTRICAL SURVEYS
	<u>CBC</u>

SAMPLES SAVED FROM _____ TO _____

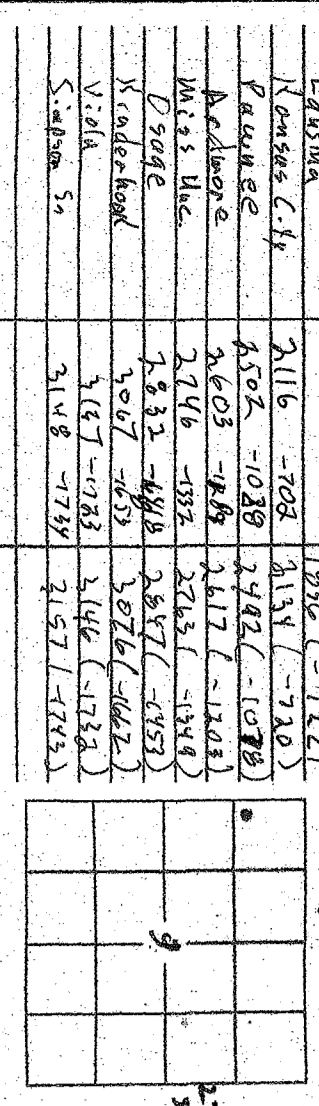
DRILLING TIME KEPT FROM _____ TO _____

SAMPLES EXAMINED FROM _____ TO _____

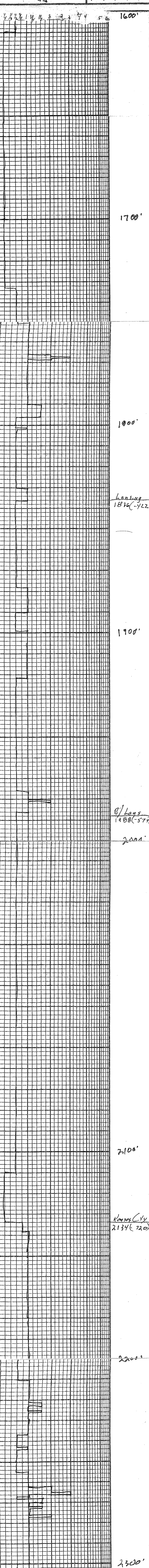
GEOLOGICAL SUPERVISION FROM _____ TO _____

GEOLOGIST ON WELL William G. Hart

FORMATION TOPS	LOG	SAMPLES
<u>Lansing</u>	<u>2116 -708</u>	<u>1836 (-422)</u>
<u>Kansas City</u>	<u>2102 -1030</u>	<u>2422 (-1078)</u>
<u>Paducah</u>	<u>2063 -1089</u>	<u>2617 (-1203)</u>
<u>Miss. Lic.</u>	<u>2146 -1332</u>	<u>2263 (-1348)</u>
<u>Osage</u>	<u>2033 -1448</u>	<u>2547 (-1452)</u>
<u>Kanadian</u>	<u>2067 -1633</u>	<u>2876 (-1622)</u>
<u>V. 2A</u>	<u>2127 -1733</u>	<u>2144 (-1732)</u>
<u>Sedona 5n</u>	<u>2128 -1734</u>	<u>2157 (-1732)</u>



1600'	sh. gray 16 ss vfg, carb 16 Ls wh cum sg
1700'	sh. gray blk 16,55 v. fg. carb
	Ls wh mgt. rup
	sh. gray sdy. n.
	Ls wh mgt. rup
	sh. gray sdy. n.
1800'	Ls. wh. cum. lt. gray mat to 5 ft. mat
	Ls wh. lt. gray s-mat
1900'	Ls. wh. to gray. mgt. for
8/ Lansing 1836(-422)	sh. gray
2000'	
2100'	Ls wh. mgt. grain foss. ip. ool. p.
2134(-720)	Ls. to cream
2200'	Ls. cum. mgt 70 ft. gray
	sh. blk. gray
	Ls. wh. cum. foss. to mgt 2 ft. p.
	sh. blk. *s. red. cum. s-mgt. cap p. n.
2300'	sh. gray





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brickley Enterprises LLC

9-27S-6E Butler

PO Box 1118
El Dorado, KS 67042

Patterson 3

Job Ticket: 69295

DST#: 1

ATTN: William Hart

Test Start: 2023.02.19 @ 21:14:00

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:39:02

Time Test Ended: 05:14:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: 3159.00 ft (KB) To 3167.00 ft (KB) (TVD)

Reference Elevations: 1414.00 ft (KB)

Total Depth: 3167.00 ft (KB) (TVD)

1402.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8372 Inside

Press@RunDepth: 66.28 psig @ 3160.00 ft (KB)

Capacity: psig

Start Date: 2023.02.19

End Date:

2023.02.20

Last Calib.:

2023.02.20

Start Time: 21:14:01

End Time:

05:14:02

Time On Btm:

2023.02.19 @ 23:37:32

Time Off Btm:

2023.02.20 @ 02:41:32

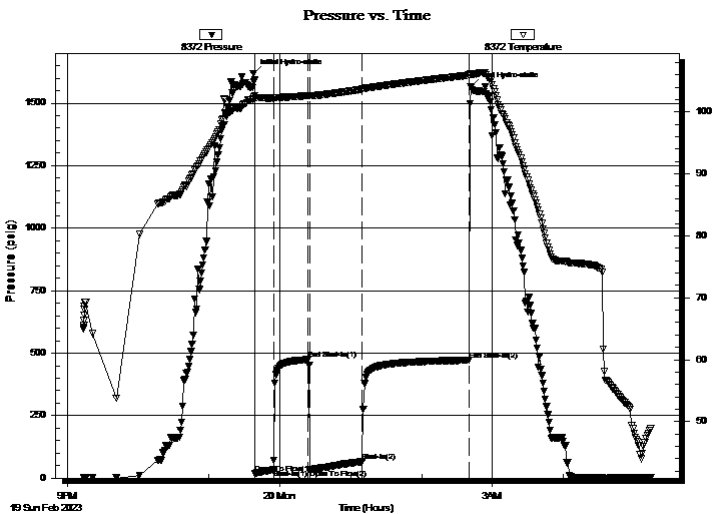
TEST COMMENT: IF: Weak Blow , Built to 4.22"

IS: No Blow Back

FF: Weak Blow , Built to 2.6"

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1618.93	102.14	Initial Hydro-static
2	18.02	102.18	Open To Flow (1)
17	33.20	102.25	Shut-In(1)
47	474.18	102.64	End Shut-In(1)
48	34.16	102.61	Open To Flow (2)
93	66.28	103.67	Shut-In(2)
183	472.17	105.96	End Shut-In(2)
184	1565.68	106.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	WCM 36%W 64%M	0.32

Gas Rates

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



DRILL STEM TEST REPORT

Brickley Enterprises LLC

9-27S-6E Butler

PO Box 1118
El Dorado, KS 67042

Patterson 3

Job Ticket: 69295 **DST#: 1**

ATTN: William Hart

Test Start: 2023.02.19 @ 21:14:00

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:39:02

Time Test Ended: 05:14:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: 3159.00 ft (KB) To 3167.00 ft (KB) (TVD)

Reference Elevations: 1414.00 ft (KB)

Total Depth: 3167.00 ft (KB) (TVD)

1402.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 3160.00 ft (KB)

Capacity: psig

Start Date: 2023.02.19

End Date:

2023.02.20

Last Calib.:

2023.02.20

Start Time: 21:14:01

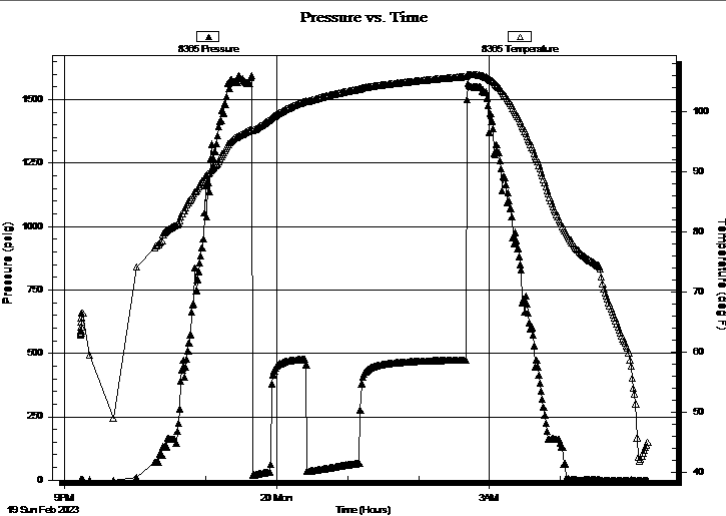
End Time:

05:14:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 4.22"
IS: No Blow Back
FF: Weak Blow , Built to 2.6"
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	WCM 36%W 64%M	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brickley Enterprises LLC

9-27S-6E Butler

PO Box 1118
El Dorado, KS 67042

Patterson 3

Job Ticket: 69295

DST#: 1

ATTN: William Hart

Test Start: 2023.02.19 @ 21:14:00

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:

21000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	WCM 36%W 64%M	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbf

Num Fluid Samples: 0

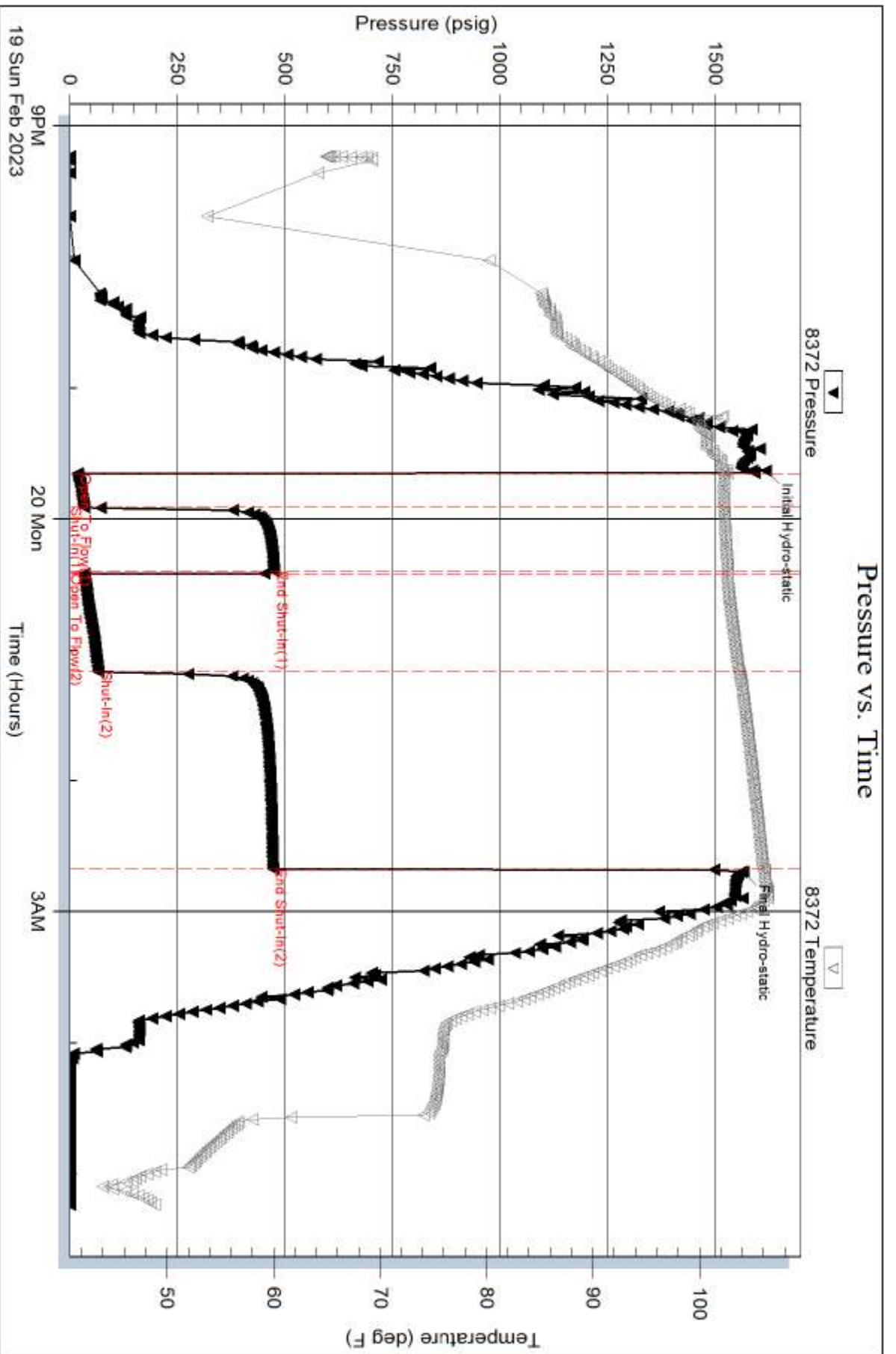
Num Gas Bombs: 0

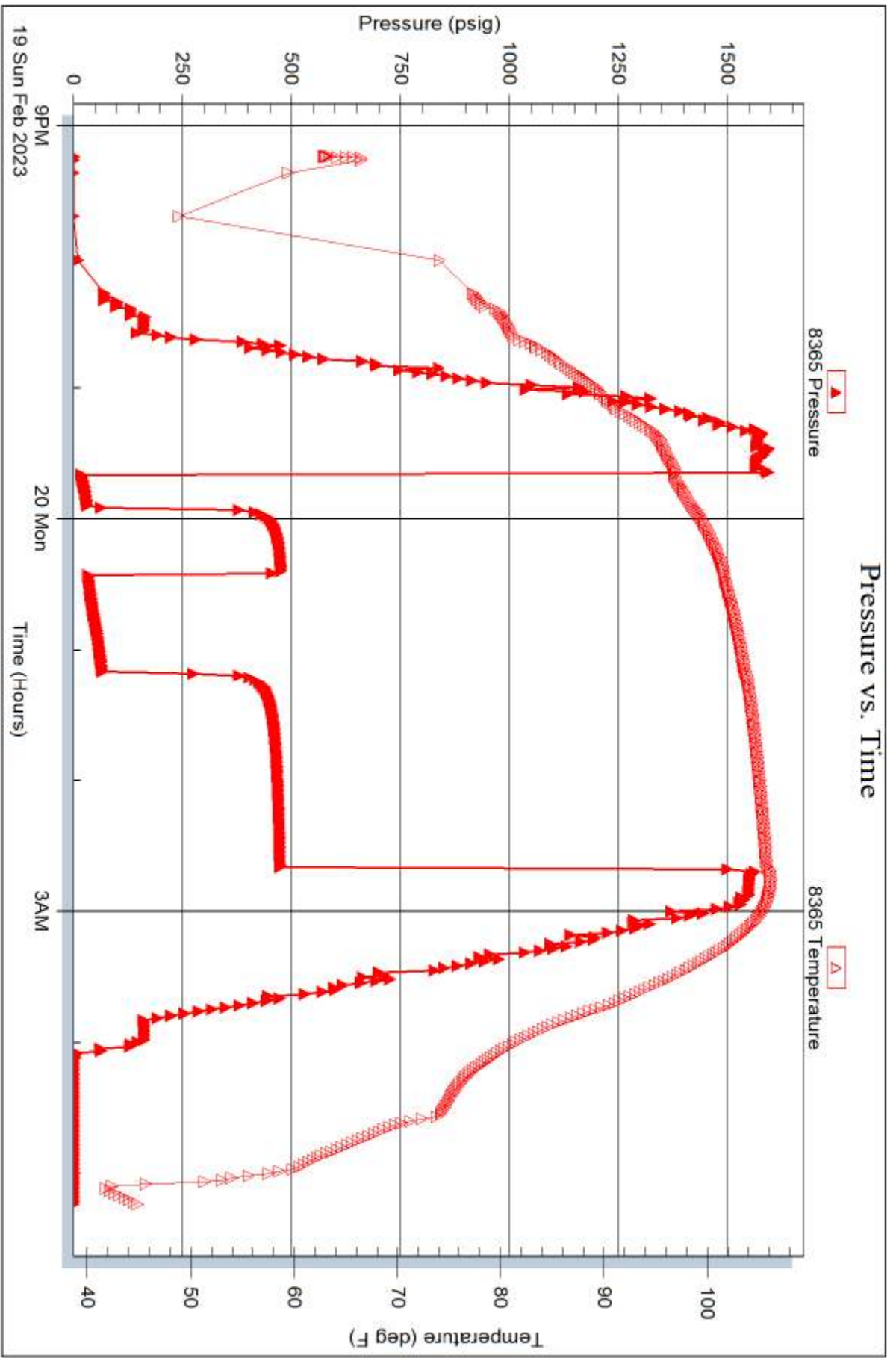
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .54 @ 44 degrees







TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brickley Enterprises LLC

9-27S-6E Butler

PO Box 1118
El Dorado, KS 67042

Patterson 3

Job Ticket: 69296

DST#: 2

ATTN: William Hart

Test Start: 2023.02.20 @ 06:00:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:20:17

Time Test Ended: 12:36:02

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 2770.00 ft (KB) To 2810.00 ft (KB) (TVD)

Reference Elevations: 1414.00 ft (KB)

Total Depth: 3167.00 ft (KB) (TVD)

1402.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8372

Inside

Press@RunDepth: 453.63 psig @ 2781.00 ft (KB)

Capacity: psig

Start Date: 2023.02.20

End Date: 2023.02.20

Last Calib.: 2023.02.20

Start Time: 06:00:01

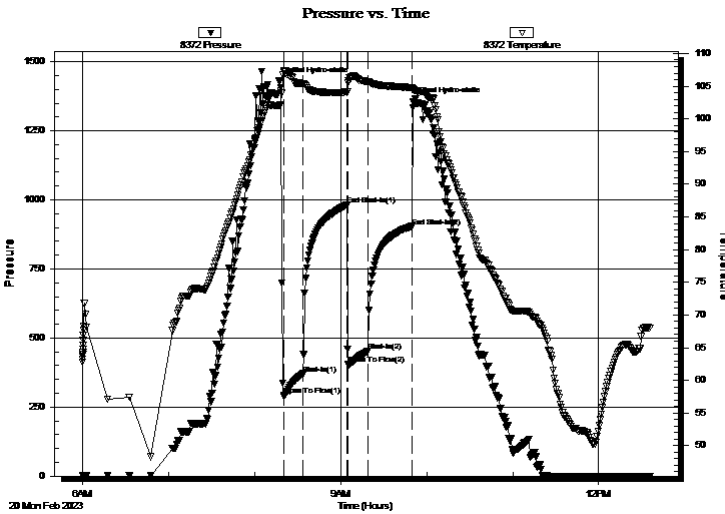
End Time: 12:36:02

Time On Btm: 2023.02.20 @ 08:17:32

Time Off Btm: 2023.02.20 @ 09:50:47

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, Built to 101.75"
IS: No Blow Back
FF: Strong Blow , BOB in 90 seconds, Built to 41.16"
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1428.47	102.10	Initial Hydro-static
3	293.88	107.26	Open To Flow (1)
17	370.97	105.33	Shut-In(1)
47	981.50	104.11	End Shut-In(1)
48	405.13	105.54	Open To Flow (2)
62	453.63	105.68	Shut-In(2)
92	903.78	104.77	End Shut-In(2)
94	1355.28	104.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 20%M 80%W	0.59
238.00	WCM 40%W 60%M	1.17
514.00	WCM 30%W 70%M	7.21

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brickley Enterprises LLC

PO Box 1118
El Dorado, KS 67042

ATTN: William Hart

9-27S-6E Butler

Patterson 3

Job Ticket: 69296

DST#: 2

Test Start: 2023.02.20 @ 06:00:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:20:17

Time Test Ended: 12:36:02

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 2770.00 ft (KB) To 2810.00 ft (KB) (TVD)

Total Depth: 3167.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1414.00 ft (KB)

1402.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6755 **Outside**

Press@RunDepth: psig @ 2781.00 ft (KB)

Start Date: 2023.02.20 End Date: 2023.02.20

Start Time: 06:00:01 End Time: 12:38:02

Capacity: psig

Last Calib.: 2023.02.20

Time On Btm:

Time Off Btm:

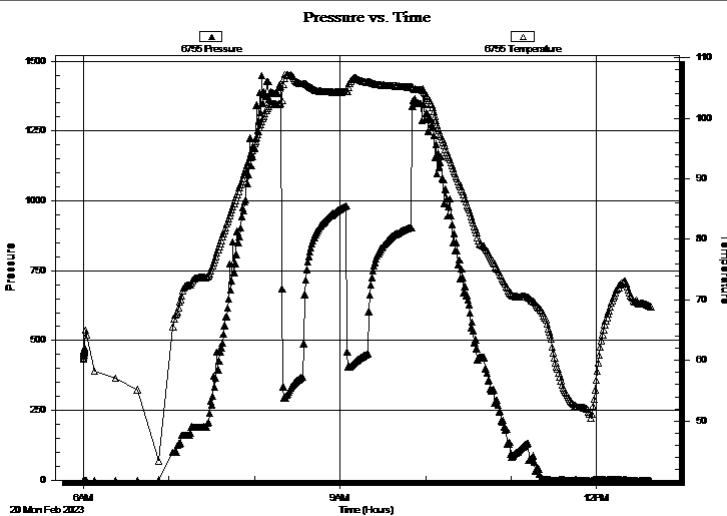
TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, Built to 101.75"

IS: No Blow Back

FF: Strong Blow , BOB in 90 seconds, Built to 41.16"

FS: No Blow Back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 20%M 80%W	0.59
238.00	WCM 40%W 60%M	1.17
514.00	WCM 30%W 70%M	7.21

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brickley Enterprises LLC

9-27S-6E Butler

PO Box 1118
El Dorado, KS 67042

Patterson 3

Job Ticket: 69296

DST#: 2

ATTN: William Hart

Test Start: 2023.02.20 @ 06:00:00

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:

28000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MCW 20%M 80%W	0.590
238.00	WCM 40%W 60%M	1.170
514.00	WCM 30%W 70%M	7.210

Total Length: 872.00 ft Total Volume: 8.970 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

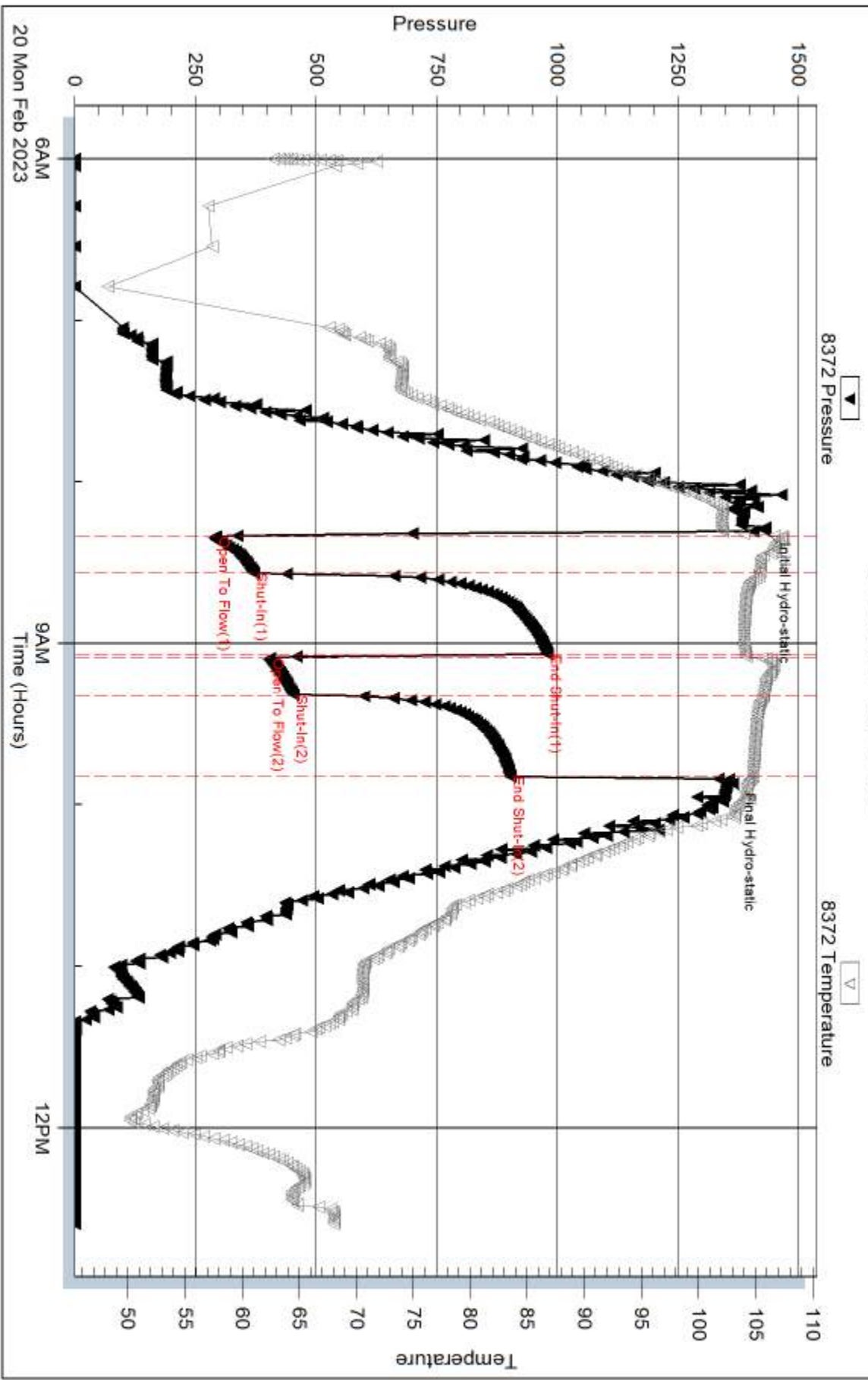
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .33@ 50 degrees

Pressure vs. Time

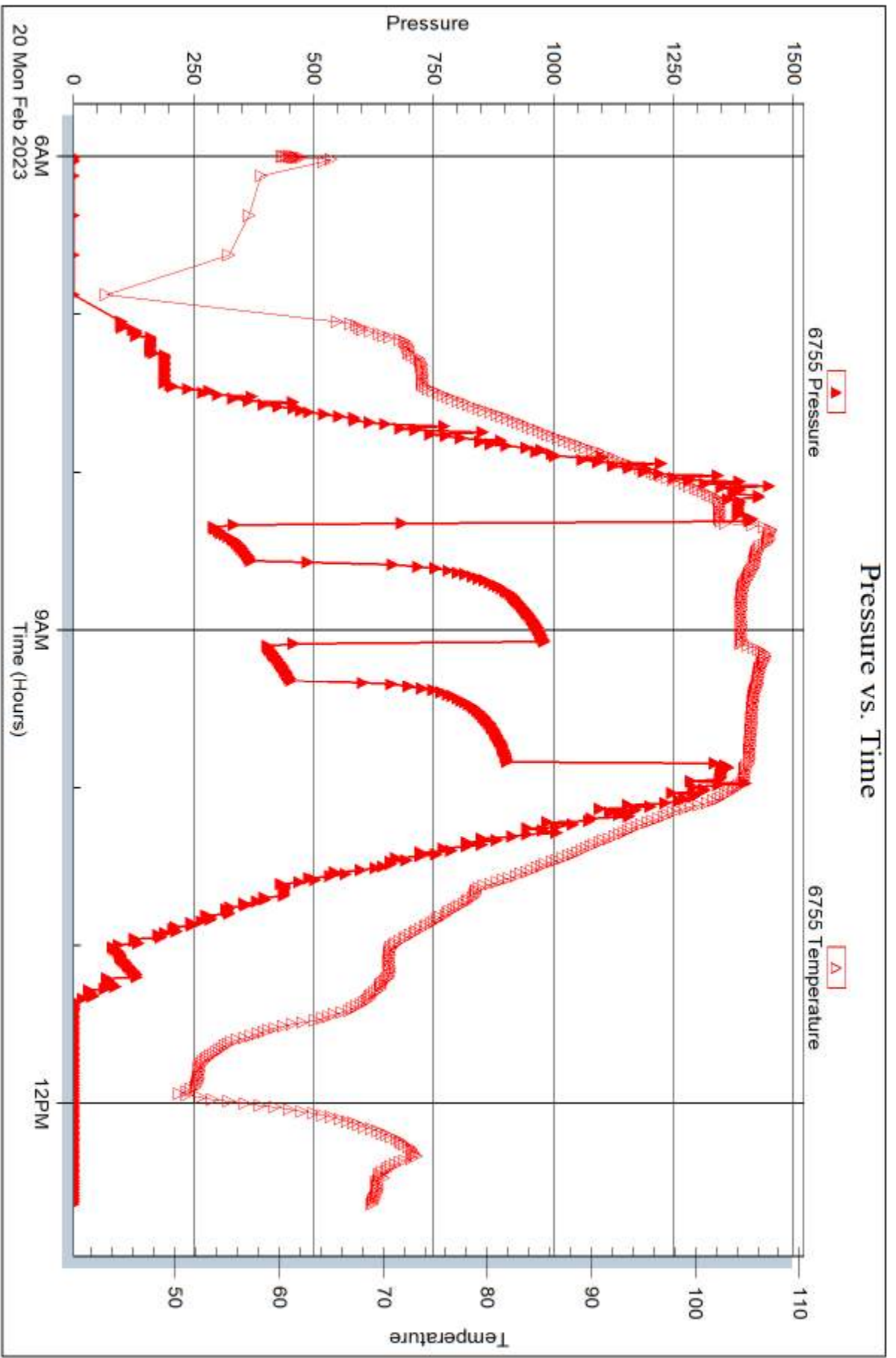


Serial #: 6755

Outside Brickley Enterprises LLC

Patterson 3

DST Test Number: 2



TriCoble Testing, Inc

Ref. No: 69296

Printed: 2023.02.20 @ 13:20:20

