

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Custom Service, LLC

766 NW 30th St.
St. John, KS 67576

Invoice

Date	Invoice #
4/3/2022	2780

Bill To
Tom Garner 305 E 7th Ave St. John, KS 67576

P.O. No.	Terms	Project
LILY #1	Due on receipt	

Item	Quantity	Description	Rate	Amount
Water Truck	880	03/30/2022: 880 BBLs FROM RESERVE PIT TO GOBIN SWD	1.60	1,408.00

Thank you for your business. For any questions and concerns please contact Aric at (620)546-4205

Total \$1,408.00

OPERATOR

Company: Thomas Garner, Inc.
 Address: 305 E. 7th Avenue
 St. John, KS 67576

Contact Geologist:
 Contact Phone Nbr: 620-793-0766
 Well Name: Lily #1
 Location: Sec. 25 - R25S - R13W
 API: 15-185-24104-0000
 Pool:
 State: Kansas

Field: Leiss Southeast
 Country: USA



Scale 1:240 Imperial

Well Name:	Lily #1	
Surface Location:	Sec. 25 - R25S - R13W	
Bottom Location:		
API:	15-185-24104-0000	
License Number:	33406	
Spud Date:	3/25/2022	Time: 8:45 AM
Region:	Stafford County	
Drilling Completed:	4/5/2022	Time: 3:00 PM
Surface Coordinates:	1255' FNL & 2656' FEL	
Bottom Hole Coordinates:		
Ground Elevation:	1912.00ft	
K.B. Elevation:	1925.00ft	
Logged Interval:	3400.00ft	To: 4220.00ft
Total Depth:	4220.00ft	
Formation:	Arbuckle	
Drilling Fluid Type:	Chemical/Fresh Water Gel	

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 1255' FNL
 E/W Co-ord: 2656' FEL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136
 Name: Keith Reavis

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 5

Rig Type: mud rotary
 Spud Date: 3/25/2022
 TD Date: 4/5/2022
 Time: 8:45 AM
 Time: 3:00 PM

ELEVATIONS

K.B. Elevation: 1925.00ft
K.B. to Ground: 13.00ft

Ground Elevation: 1912.00ft

NOTES

After analysis of drill stem testing and electrical logs, it was determined that 5 1/2" production casing be set and cemented on the Lily #1. The well will formations will be perforated and stimulated prior to abandonment: Viola, Kinder Chert, Mississippian Chert, LKC K zone and Chase Group shallow gas.

A Tooke Daq gas detection system owned and operated by Sterling Drilling was employed during the drilling of this well. ROP and gas data from said system, as well as gamma ray and caliper data from the electrical log suite was imported into this log.

Concerning Drill Stem Test #6 straddle: bottom packer failure, premature tool opening going in hole as charts indicated mud in drill pipe on initial opening once on bottom - recovered 2800' plus of drilling mud.

Respectfully submitted,
Keith Reavis

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
03/31/2022	3577	Geologist Keith Reavis on duty @0500 hrs, 3500 ft, drilling ahead Douglas, Lansing, broke down several hours for pump repair
04/01/2022	3847	drilling ahead, LKC, show and kick in J warrants test, short trip, TOH w/bit and in w/tools, conduct DST #1
04/02/2022	3880	complete DST #2, successful test, TIH w/bit, resume drilling, LKC, BKC, Marmaton, Conglomerate, Miss, show and kick warrants test, TOH w/bit and in w/tools
04/03/2022	4050	conduct DST #2, successful test, TOH w/tools and in w/bit, ctch, resume drilling, show and gas kick in Kinderhook warrant test, TOH for DST #3 conduct and complete DST #3, successful test
04/04/2022	4100	TIH w/bit, resume drilling, Viola, show and kick warrants test, TOH w/bit for DST #4, conduct and complete DST #4, successful test, back in hole with bit, drill to Simpson Sand, show and kick warrants test
04/05/2022	4170	TOH w/bit and TIH w/tools, conduct DST #5, successful test, back in hole w/bit, resume drilling, Simpson, Arbuckle, TD 4220 @ 1500 hrs', ctch TOH for logs, conduct logging operations, determined straddle test warranted on K zone in LKC
04/06/2022	4220	conduct DST #6 straddle, mis-run, tools, Garner elected to run pipe, off Location 1030

well comparison sheet

DRILLING WELL					COMPARISON WELL			
Lily					Dunne & Gardner - Russell #4			
1255' FSL & 2656' FEL					NE SE NW			
Sec 25-T25S-R13W					Sec 25-T25S-R13W			
1925 KB					1921 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Heebner	3464	-1539	3466	-1541	3463	-1542	3	1
Douglas	3510	-1585	3508	-1583	3504	-1583	-2	0
Brown Lime	3627	-1702	3628	-1703	3625	-1704	2	1
Lansing	3651	-1726	3652	-1727	3650	-1729	3	2
Lansing H	3788	-1863	3794	-1869	3788	-1867	4	-2
BKC	3935	-2010	3936	-2011	3934	-2013	3	2
Miss Chert	4035	-2110	4036	-2111	4038	-2117	7	6
Kinderhook	4055	-2130	4057	-2132	4063	-2142	12	10

Ardurohook	4079	-2154	4080	-2155	4084	-2163	9	8
Viola	4079	-2154	4080	-2155	4084	-2163	9	8
Simpson Sand	4150	-2225	4151	-2226	4153	-2232	7	6
Arbuckle	4215	-2290	na		4215	-2294	4	
Total Depth	4220	-2295	4221	-2296	4235	-2314	19	18

Drill Stem Test #1

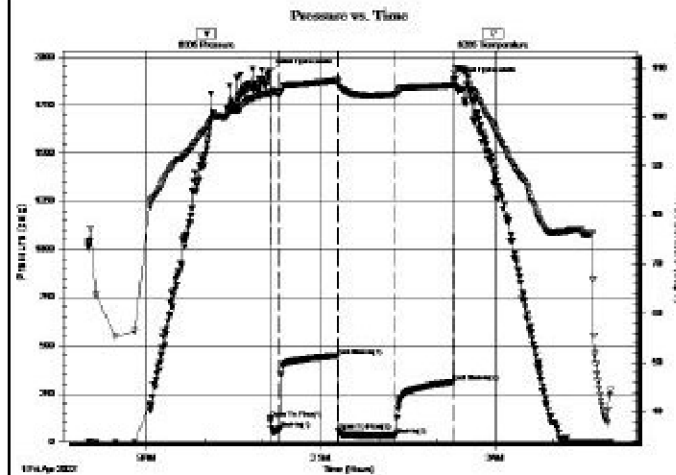
	DRILL STEM TEST REPORT	
	Thomas Garner Inc.	25-25-13w, Stafford, KS
	305 E. 7th St John, KS 67576	Lily 1
ATTN: Keith Reeves	Job Ticket: 68240	DST#: 1
	Test Start: 2022.04.01 @ 20:00:00	

GENERAL INFORMATION:

Formation: Lansing J	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock ft (KB)	Tester: Kevin Webster
Time Tool Opened: 23:08:02	Unit No: 72
Time Test Ended: 05:00:02	Reference Elevations: 1925.00 ft (KB)
Interval: 3846.00 ft (KB) To 3880.00 ft (KB) (TVD)	1910.00 ft (CF)
Total Depth: 3880.00 ft (KB) (TVD)	KB to GRICF: 15.00 ft
Hole Diameter: 7.78 inches	Hole Condition: Fair

Serial #: 8365	Outside	Capacity:	psig
Press@RunDepth: 32.83 psig @ 3877.00 ft (KB)		Last Calib.:	2022.04.02
Start Date: 2022.04.01	End Date: 2022.04.02	Time On Btm:	2022.04.01 @ 23:07:17
Start Time: 20:00:01	End Time: 05:00:02	Time Off Btm:	2022.04.02 @ 02:18:02

TEST COMMENT: 10 min IF- Strong blow , BOB 15 sec
60 min IS- No returns
60 min FF- Strong blow , BOB ASAO
60 min FSI- NO returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.81	105.14	Initial Hydro-static
1	121.14	104.82	Open To Flow(1)
11	64.81	104.75	Shut-in(1)
71	445.54	107.45	End Shut-in(1)
71	56.05	107.25	Open To Flow(2)
131	32.83	104.67	Shut-in(2)
190	312.44	106.66	End Shut-in(2)
191	1881.43	107.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
62.00	VSOOM 1%O 99% M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	6.37	76.09
Last Gas Rate	0.38	0.22	53.54
Max. Gas Rate	0.38	6.37	76.09

Drill Stem Test #2

	DRILL STEM TEST REPORT	



TRILOBITE TESTING, INC

Thomas Garner Inc.

305 E 7th
St John, KS 67576

ATTN: Keith Reeves

25-25-13w, Stafford, KS

Lily 1

Job Ticket: 68241

DST#:2

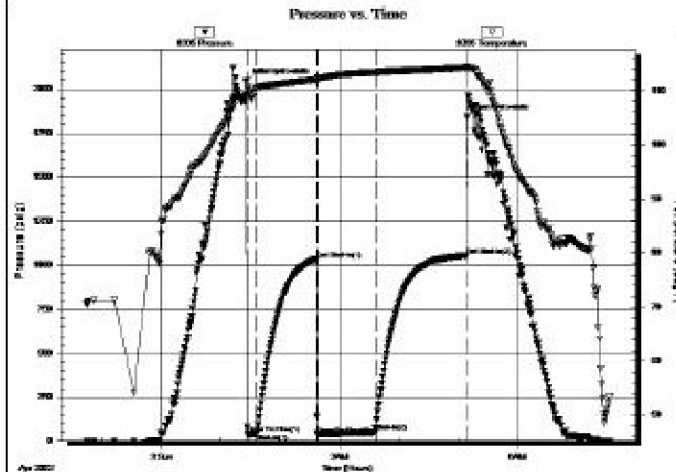
Test Start: 2022.04.02 @ 22:45:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No** Whipstock **ft (KB)**
 Time Tool Opened: 01:27:17
 Time Test Ended: 07:33:02
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Interval: **3996.00 ft (KB) To 4050.00 ft (KB) (TVD)**
 Total Depth: **4050.00 ft (KB) (TVD)**
 Hole Diameter: **7.78 inches** Hole Condition: **Fair**
 Reference Elevations: **1925.00 ft (KB)**
1910.00 ft (CF)
KB to GRFC: 15.00 ft

Serial #: **8365** Outside
 Press@Run Depth: **50.07 psig @ 4047.00 ft (KB)** Capacity: psig
 Start Date: **2022.04.02** End Date: **2022.04.03** Last Calib.: **2022.04.03**
 Start Time: **22:45:01** End Time: **07:33:02** Time On Btm: **2022.04.03 @ 01:26:17**
 Time Off Btm: **2022.04.03 @ 05:08:47**

TEST COMMENT: 10 min IF- Strong blow , BOB 2 min
 60 min ISI- No returns
 60 min FF- BOBASAO
 90 min FSI- GTS No returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.01	109.22	Initial Hydro-static
1	39.01	110.40	Open To Flow(1)
11	40.63	110.50	Shut-in(1)
71	1033.81	112.01	End Shut-in(1)
72	37.51	112.42	Open To Flow(2)
130	50.07	113.37	Shut-in(2)
222	1052.25	114.31	End Shut-in(2)
223	1839.38	114.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOOM 1%O 99% M	0.10
0.00	gas to surface	0.00

* Recovery from multiple tests

Gas Rates

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

Drill Stem Test #3



TRILOBITE TESTING, INC

Thomas Garner Inc.

305 E 7th
St John, KS 67576

ATTN: Keith Reeves

25-25-13w, Stafford, KS

Lily 1

Job Ticket: 68242

DST#:3

Test Start: 2022.04.03 @ 15:40:00

GENERAL INFORMATION:

Formation: **Kinderhook**
 Deviated: **No** Whipstock **ft (KB)**
 Time Tool Opened: 18:14:47
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster

Time Tool Opened: 10:14:47

Unit No.: 72

Interval: 4052.00 ft (KB) To 4067.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4067.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GRFC: 15.00 ft

Serial #: 8365

Outside

Press@Run Depth: 23.89 psig @ 4064.00 ft (KB)

Capacity: psig

Start Date: 2022.04.03

End Date:

2022.04.03

Last Calib.:

2022.04.03

Start Time: 15:40:01

End Time:

23:48:02

Time On Btm:

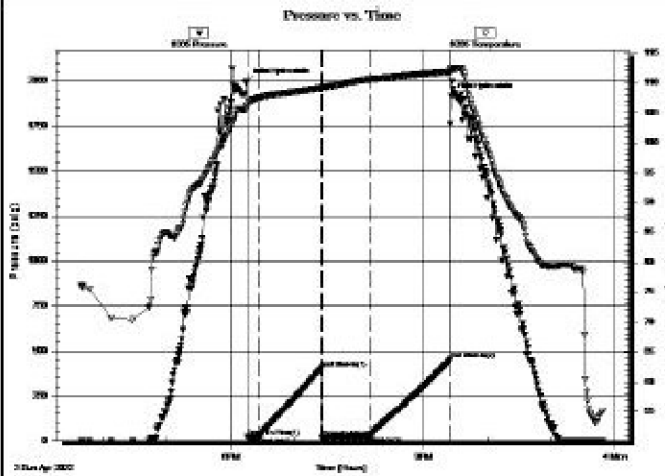
2022.04.03 @ 18:14:32

Time Off Btm:

2022.04.03 @ 21:26:32

TEST COMMENT: 10 min IF- WSB built to 4"
60 min IS- No returns
45 min FF- Strong blow BOB 1 min
75 min FS- No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.37	106.22	Initial Hydro-static
1	19.98	105.81	Open To Flow (1)
12	17.65	107.48	Shut-in (1)
71	406.37	109.07	End Shut-in (1)
71	14.66	109.01	Open To Flow (2)
116	23.89	110.59	Shut-in (2)
191	452.66	111.87	End Shut-in (2)
192	1915.26	112.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
10.00	VSOOM 1% O 99% M	0.05
0.00	496 GIP	0.00

* Recovery from multiple tests

Gas Rates

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

Drill Stem Test #4

	DRILL STEM TEST REPORT	
	Thomas Garner Inc. 305 E. 7th St John, KS 67576 ATTN: Keith Reeves	25-25-13w, Stafford, KS Lily 1 Job Ticket: 68243 DST#: 4 Test Start: 2022.04.04 @ 08:08:00

GENERAL INFORMATION:

Formation: Viola
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 10:35:32
 Time Test Ended: 17:16:02

Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72

Interval: 4078.00 ft (KB) To 4100.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GRFC: 15.00 ft

Serial #: 8365

Outside

Press@Run Depth: 705.93 psig @ 4097.00 ft (KB)

Capacity: psig

Start Date: 2022.04.04

End Date:

2022.04.04

Last Calib.:

2022.04.04

Start Time: 08:08:01

End Time:

17:16:02

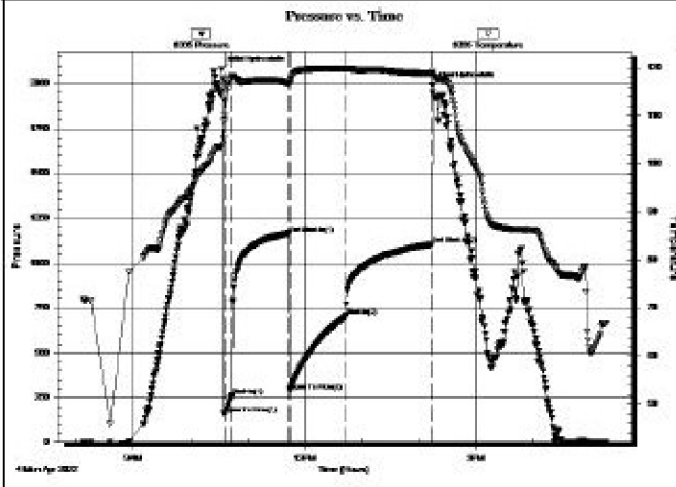
Time On Btm:

2022.04.04 @ 10:32:47

Time Off Btm:

2022.04.04 @ 14:14:17

TEST COMMENT: 10 min IF- Strong blow , BOB 1.5'
 60 min ISI- Returns built to 54"
 60 min FF- Strong blow , BOBASAO
 90 min FSI- Returns built to 194"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.83	103.54	Initial Hydro-static
3	158.91	108.95	Open To Flow(1)
11	261.60	118.21	Shut-in(1)
71	1163.85	116.70	End Shut-In(1)
72	289.57	116.75	Open To Flow(2)
131	705.93	119.84	Shut-in(2)
221	1105.45	118.81	End Shut-In(2)
222	1988.79	119.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1563.00	GMW 5%G 85%W 10%M	19.59
62.00	5% G 85% W 10% M	0.87
40.00	MCO 50%M 50%O	0.56
5.00	CGO 25%G 75%O	0.07

* Recovery from multiple tests

Gas Rates

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

Drill Stem Test #5

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc. **25-25-13w, Stafford, KS**

305 E 7th **Lily 1**
 St John, KS 67576

Job Ticket: 68244 **DST#: 5**

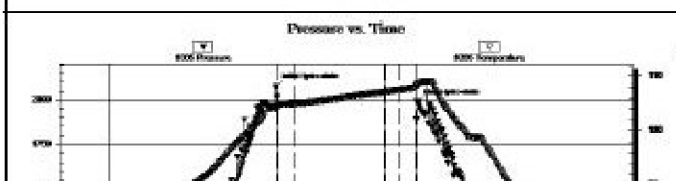
ATTN: Keith Reeves Test Start: 2022.04.05 @ 02:45:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
 Deviated: **No Whipslock** ft (KB)
 Time Tool Opened: 04:50:32
 Time Test Ended: 08:25:02
 Interval: **4148.00 ft (KB) To 4170.00 ft (KB) (TVD)**
 Total Depth: **4170.00 ft (KB) (TVD)**
 Hole Diameter: **7.78 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Kevin Webster**
 Unit No: **72**
 Reference Elevations: **1925.00 ft (KB)**
1910.00 ft (CF)
KB to GRPC: 15.00 ft

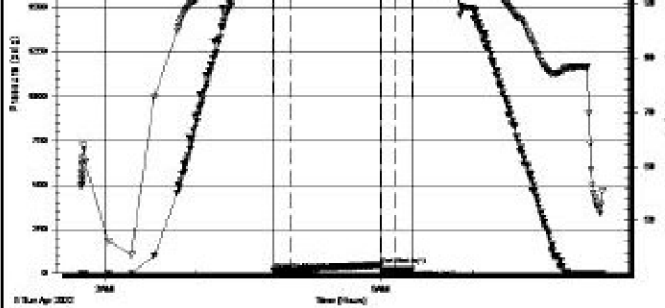
Serial #: 8365 **Outside**
 Press@Run Depth: **17.68 psig @ 4167.00 ft (KB)** Capacity: psig
 Start Date: **2022.04.05** End Date: **2022.04.05** Last Calib.: 2022.04.05
 Start Time: **02:45:01** End Time: **08:25:02** Time On Btm: **2022.04.05 @ 04:49:17**
 Time Off Btm: **2022.04.05 @ 06:21:32**

TEST COMMENT: 10 min IF- WSB, dieing
 60 min ISI- No returns
 10 min FF- No blow
 10 min FSI- No returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.06	104.43	Initial Hydro-static
2	15.34	104.09	Open To Flow (1)
12	17.08	104.90	Shut-in(1)



72	45.30	107.16	End Shut-In(1)
72	17.43	107.17	Open To Flow(2)
81	17.68	107.55	Shut-In(2)
92	20.09	107.94	End Shut-In(2)
93	1967.47	108.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M	0.00

*Recovery from multiple tests

Gas Rates

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

Drill Stem Test #6 (Straddle) - Mis-Run - See Notes

ROCK TYPES

Cht	Dolprim	shale, grn	shale, red
Cht vari	Lmst fw<7	shale, gry	Ss
Chtcong1	Lmst fw7>	Carbon Sh	

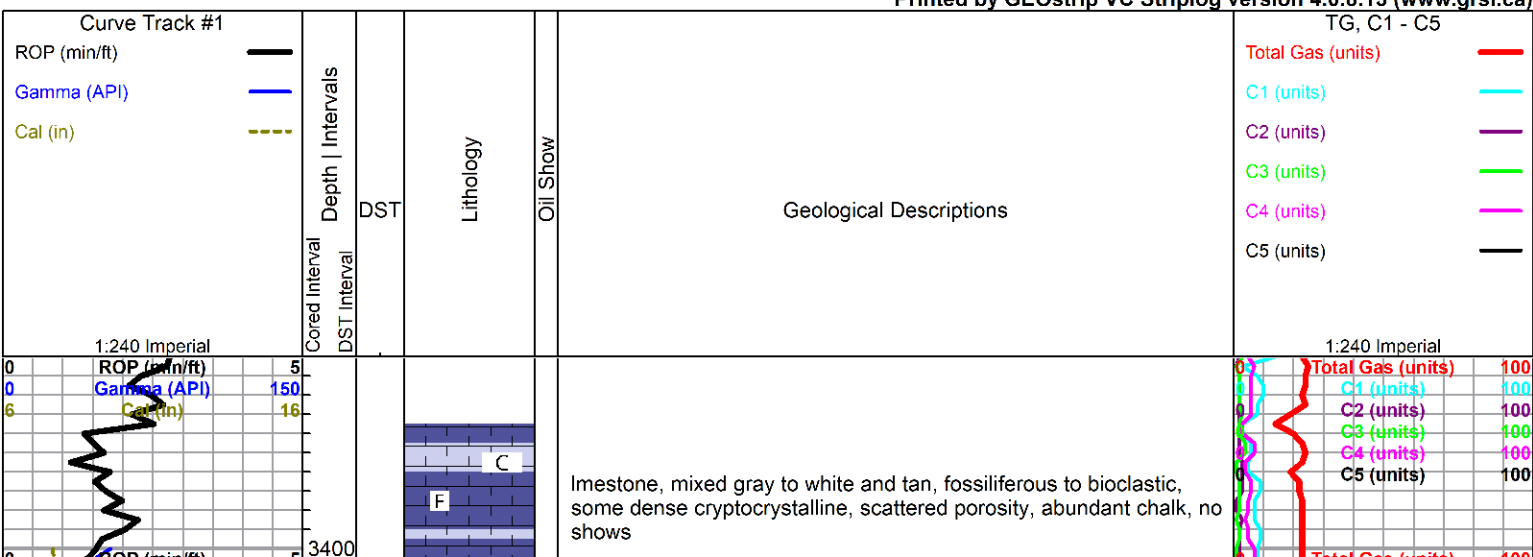
ACCESSORIES

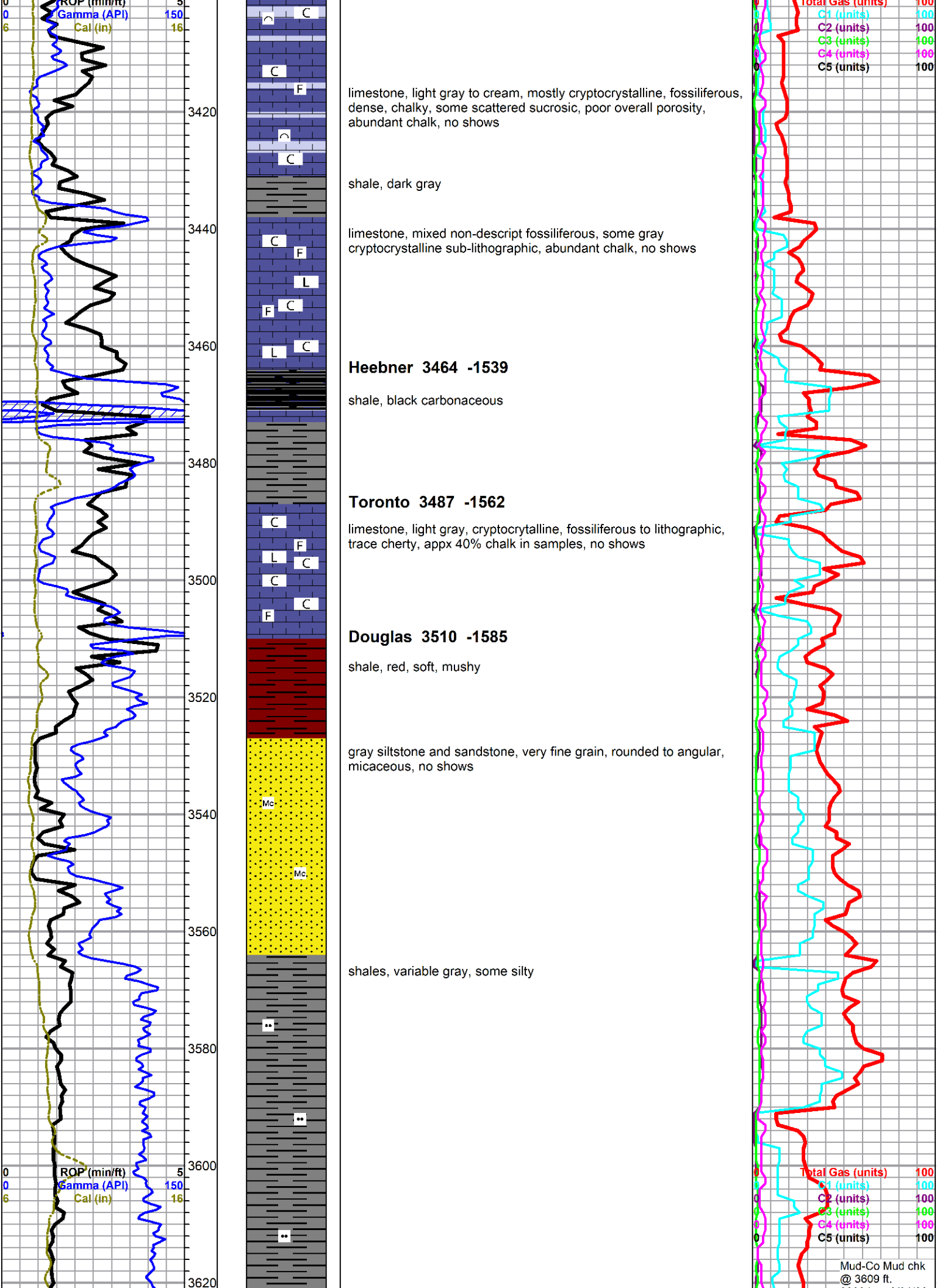
MINERAL	FOSSIL	STRINGER	TEXTURE
▲ Chert, dark	∩ Bioclastic or Fragments	● Sandstone	C Chalky
∩ Glauconite	F Fossils < 20%	■ green shale	CX Cryptocrystalline
P Pyrite	⊕ Oolite	■ red shale	L Lithogr
• Silty	⊘ Pellets		MX Microxln
△ Chert White			
Mc Mica			
■ Argillaceous/Shale			

OTHER SYMBOLS

Oil Show	DST
● Good Show	■ DST Int
● Fair Show	■ DST alt
● Poor Show	■ Core
○ Spotted or Trace	tail pipe
○ Questionable Strn	
D Dead Oil Strn	
■ Fluorescence	
* Gas	

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





limestone, light gray to cream, mostly cryptocrystalline, fossiliferous, dense, chalky, some scattered sucrosic, poor overall porosity, abundant chalk, no shows

shale, dark gray

limestone, mixed non-descript fossiliferous, some gray cryptocrystalline sub-lithographic, abundant chalk, no shows

Heebner 3464 -1539

shale, black carbonaceous

Toronto 3487 -1562

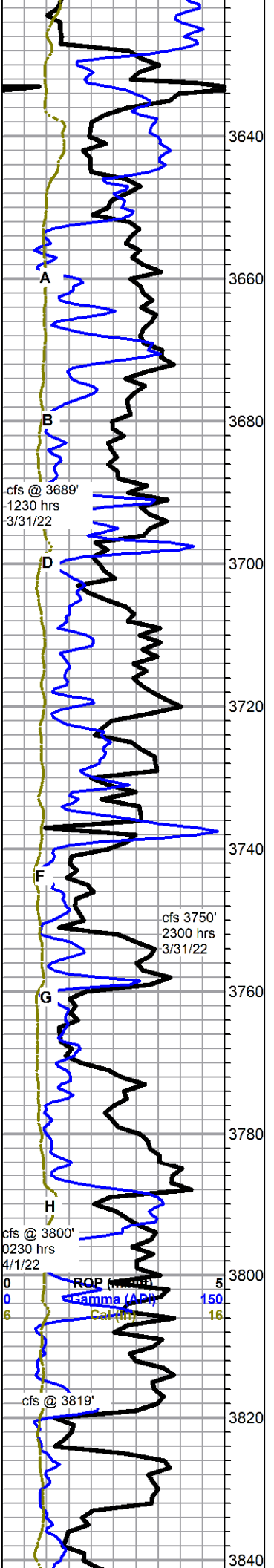
limestone, light gray, cryptocrystalline, fossiliferous to lithographic, trace cherty, appx 40% chalk in samples, no shows

Douglas 3510 -1585

shale, red, soft, mushy

gray siltstone and sandstone, very fine grain, rounded to angular, micaceous, no shows

shales, variable gray, some silty



Brown Lime 3627 -1702

limestone, brown, cryptocrystalline, fossiliferous, chert nodules, dense, no shows

variable gray shales, heavy gray wash

Lansing 3651 -1726

limestone, yellow/gray, some mottling, micrystalline, fossiliferous, some large clasts, chalky, poor visible porosity, no shows

limestone, light gray, mostly cryptocrystalline, fossiliferous to bioclastic, grainy to chalky in part, with darker gray, dense fossiliferous, poor overall visible porosity, no shows, abundant chalk

limestones, mixed, cream to gray to brown, fossiliferous, dense to chalky, some scattered pelletal, traces sub-oolitic, abundant cryptocrystalline sub-lithographic, some chalk, no shows

a.a.

poor samples after resume drilling from pump break-down, found one piece oolitic with dead black stain

few specimens limestone, light gray, mostly crystalline (micro) trace re-crystallized fossil frags, fair pin-point porosity, fair show oil with gas on break, no stain wet, even brown stain dry, no odor, poor fluorescence, very slow streaming ribbons on cut - with other mixed fossiliferous and flattened oolitic limestones, barren, some chert

light gray fossiliferous limestones with flood gray fossiliferous chert

limestone, light gray to cream, fossiliferous, some fine oolitic and flattened oolitic, some bioclastic, flood chalk with gray and smokey cherts, poor overall porosity, no show or odor

limestone, mixed fossiliferous with trace oolitic, abundant chalk and abundant smokey cherts, no shows

limestone, white to cream, uniform oolitic, flattened and recrystallized, few specimens with inter-oolite staining, calcite infill with some pinpoint solution vugs, trace oil on break, no odor, no fluorescence, poor streaming fluorescence on break

limestone, white to cream, very fine oolitic, chalky, poor visible porosity, barren, with some stained oolitic similar to above, no free oil, flood light gray mottled oolitic chert

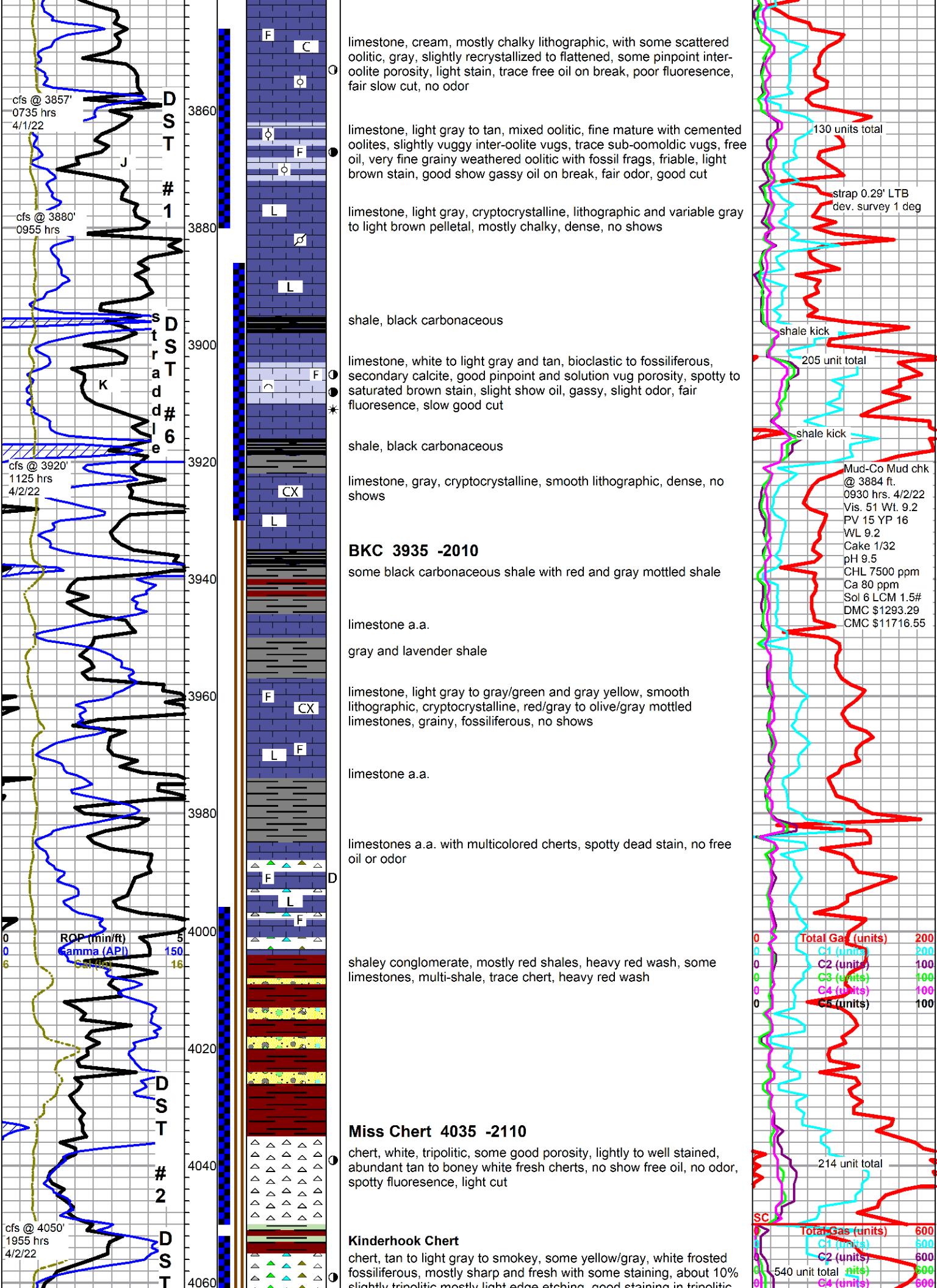
abundant cryptocrystalline lithographic limestones

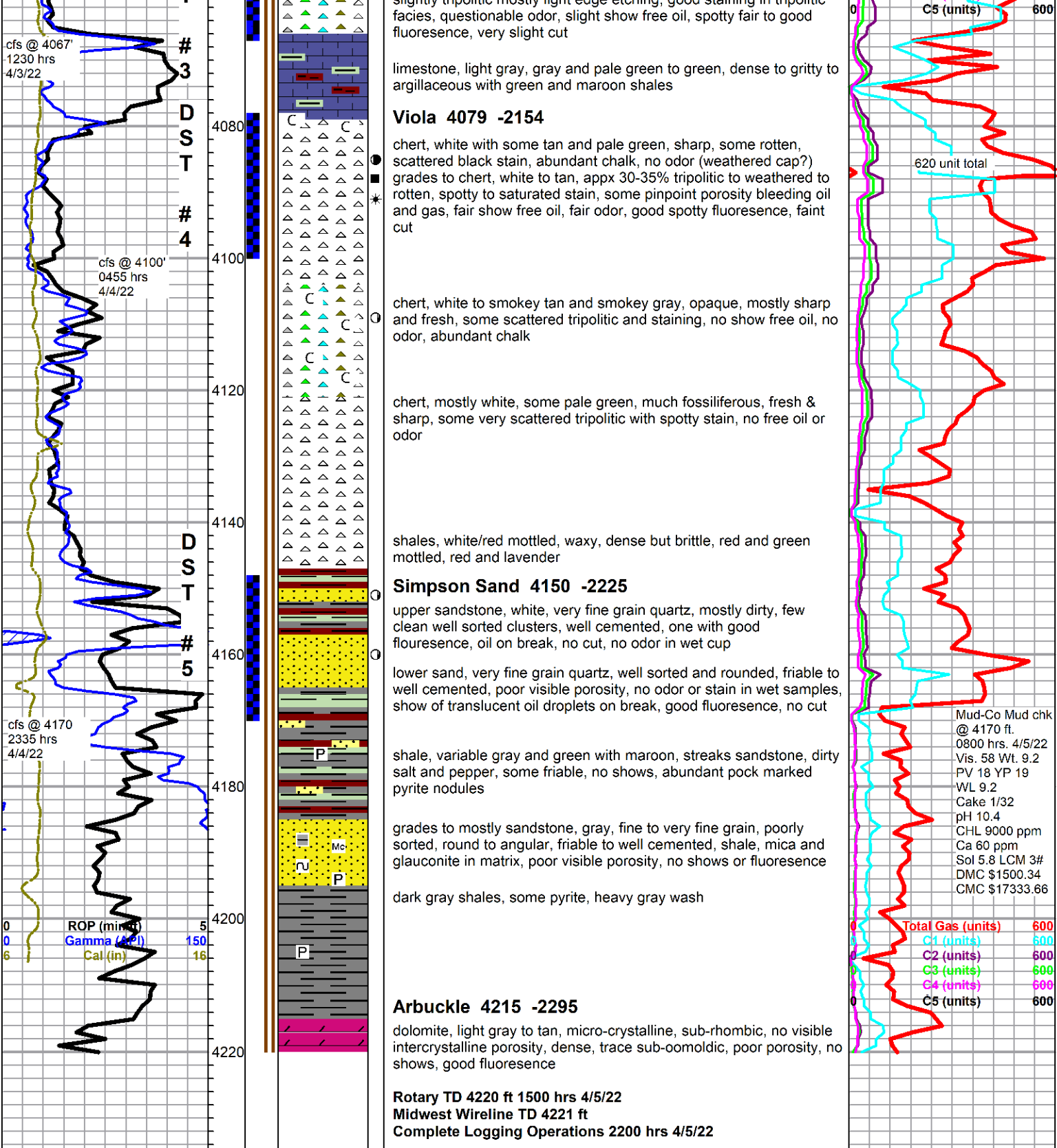
limestone, white to cream, very fine oolitic, chalky with fossiliferous mix, some medium sub-mature oolitic, gray, good inter-oolite stain, trace oil droplets, no odor, abundant chalk

0800 hrs. 3/31/22
Vis. 66 Wt. 9.4
PV 24 YP 25
WL 8.8
Cake 1/32
pH 9.5
CHL 6000 ppm
Ca 80 ppm
Sol 7.5 LCM 2.5#
DMC \$1231.72
CMC \$10210.73

SG	Total Gas (units)	200
0	C1 (units)	200
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

Mud-Co Mud chk
@ 3826 ft.
0615 hrs. 4/1/22
Vis. 61 Wt. 9.4
PV 17 YP 21
WL 8.8
Cake 1/32
pH 9.5
CHL 8000 ppm
Ca 80 ppm
Sol 7.4 LCM 1.5#
DMC \$112.53
CMC \$10323.26





slightly tripolitic mostly light edge etching, good staining in tripolitic facies, questionable odor, slight show free oil, spotty fair to good fluorescence, very slight cut

limestone, light gray, gray and pale green to green, dense to gritty to argillaceous with green and maroon shales

Viola 4079 -2154

chert, white with some tan and pale green, sharp, some rotten, scattered black stain, abundant chalk, no odor (weathered cap?) grades to chert, white to tan, appx 30-35% tripolitic to weathered to rotten, spotty to saturated stain, some pinpoint porosity bleeding oil and gas, fair show free oil, fair odor, good spotty fluorescence, faint cut

chert, white to smokey tan and smokey gray, opaque, mostly sharp and fresh, some scattered tripolitic and staining, no show free oil, no odor, abundant chalk

chert, mostly white, some pale green, much fossiliferous, fresh & sharp, some very scattered tripolitic with spotty stain, no free oil or odor

shales, white/red mottled, waxy, dense but brittle, red and green mottled, red and lavender

Simpson Sand 4150 -2225

upper sandstone, white, very fine grain quartz, mostly dirty, few clean well sorted clusters, well cemented, one with good fluorescence, oil on break, no cut, no odor in wet cup

lower sand, very fine grain quartz, well sorted and rounded, friable to well cemented, poor visible porosity, no odor or stain in wet samples, show of translucent oil droplets on break, good fluorescence, no cut

shale, variable gray and green with maroon, streaks sandstone, dirty salt and pepper, some friable, no shows, abundant pock marked pyrite nodules

grades to mostly sandstone, gray, fine to very fine grain, poorly sorted, round to angular, friable to well cemented, shale, mica and glauconite in matrix, poor visible porosity, no shows or fluorescence

dark gray shales, some pyrite, heavy gray wash

Arbuckle 4215 -2295

dolomite, light gray to tan, micro-crystalline, sub-rhombic, no visible intercrystalline porosity, dense, trace sub-oomoldic, poor porosity, no shows, good fluorescence

Rotary TD 4220 ft 1500 hrs 4/5/22
 Midwest Wireline TD 4221 ft
 Complete Logging Operations 2200 hrs 4/5/22



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reeves

Lily #1

25-25-13w Stafford,KS

Start Date: 2022.04.01 @ 20:00:00

End Date: 2022.04.02 @ 05:00:02

Job Ticket #: 68240 DST #: 1

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

Printed: 2022.04.11 @ 11:26:07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68240

DST#: 1

ATTN: Keith Reeves

Test Start: 2022.04.01 @ 20:00:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:08:02

Time Test Ended: 05:00:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Webster

Unit No: 72

Interval: 3846.00 ft (KB) To 3880.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 3880.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 15.00 ft

Serial #: 8365 Outside

Press@RunDepth: 32.83 psig @ 3877.00 ft (KB)

Capacity: psig

Start Date: 2022.04.01

End Date:

2022.04.02

Last Calib.:

2022.04.02

Start Time: 20:00:01

End Time:

05:00:02

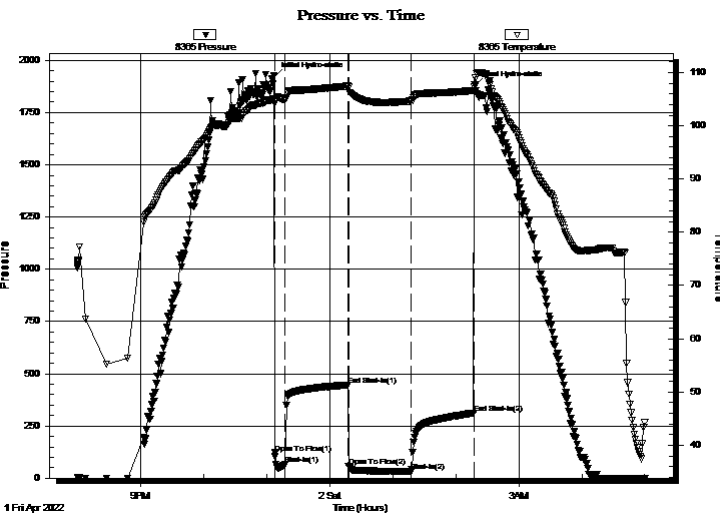
Time On Btm:

2022.04.01 @ 23:07:17

Time Off Btm:

2022.04.02 @ 02:18:02

TEST COMMENT: 10 min IF- Strong blow , BOB 15 sec
60 min ISI- No returns
60 min FF- Strong blow , BOB ASAO
60 min FSI- NO returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.81	105.14	Initial Hydro-static
1	121.14	104.82	Open To Flow (1)
11	64.81	104.75	Shut-In(1)
71	445.54	107.45	End Shut-In(1)
71	56.05	107.25	Open To Flow (2)
131	32.83	104.67	Shut-In(2)
190	312.44	106.66	End Shut-In(2)
191	1881.43	107.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	VSOCM 1%O 99% M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	6.37	76.09
Last Gas Rate	0.38	0.22	53.55
Max. Gas Rate	0.38	6.37	76.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68240

DST#: 1

ATTN: Keith Reeves

Test Start: 2022.04.01 @ 20:00:00

Tool Information

Drill Pipe:	Length: 3572.00 ft	Diameter: 3.80 inches	Volume: 50.11 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 51.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3846.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3824.00	
Hydraulic tool	5.00			3829.00	
Jars	5.00			3834.00	
Safety Joint	3.00			3837.00	
Packer	5.00			3842.00	27.00 Bottom Of Top Packer
Packer	4.00			3846.00	
Stubb	1.00			3847.00	
Perforations	30.00			3877.00	
Recorder	0.00	8365	Outside	3877.00	
Recorder	0.00	6752	Outside	3877.00	
Bullnose	3.00			3880.00	34.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68240

DST#: 1

ATTN: Keith Reeves

Test Start: 2022.04.01 @ 20:00:00

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:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	VSOCM 1%O 99% M	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1.5 #LCM



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68240

DST#: 1

ATTN: Keith Reeves

Test Start: 2022.04.01 @ 20:00:00

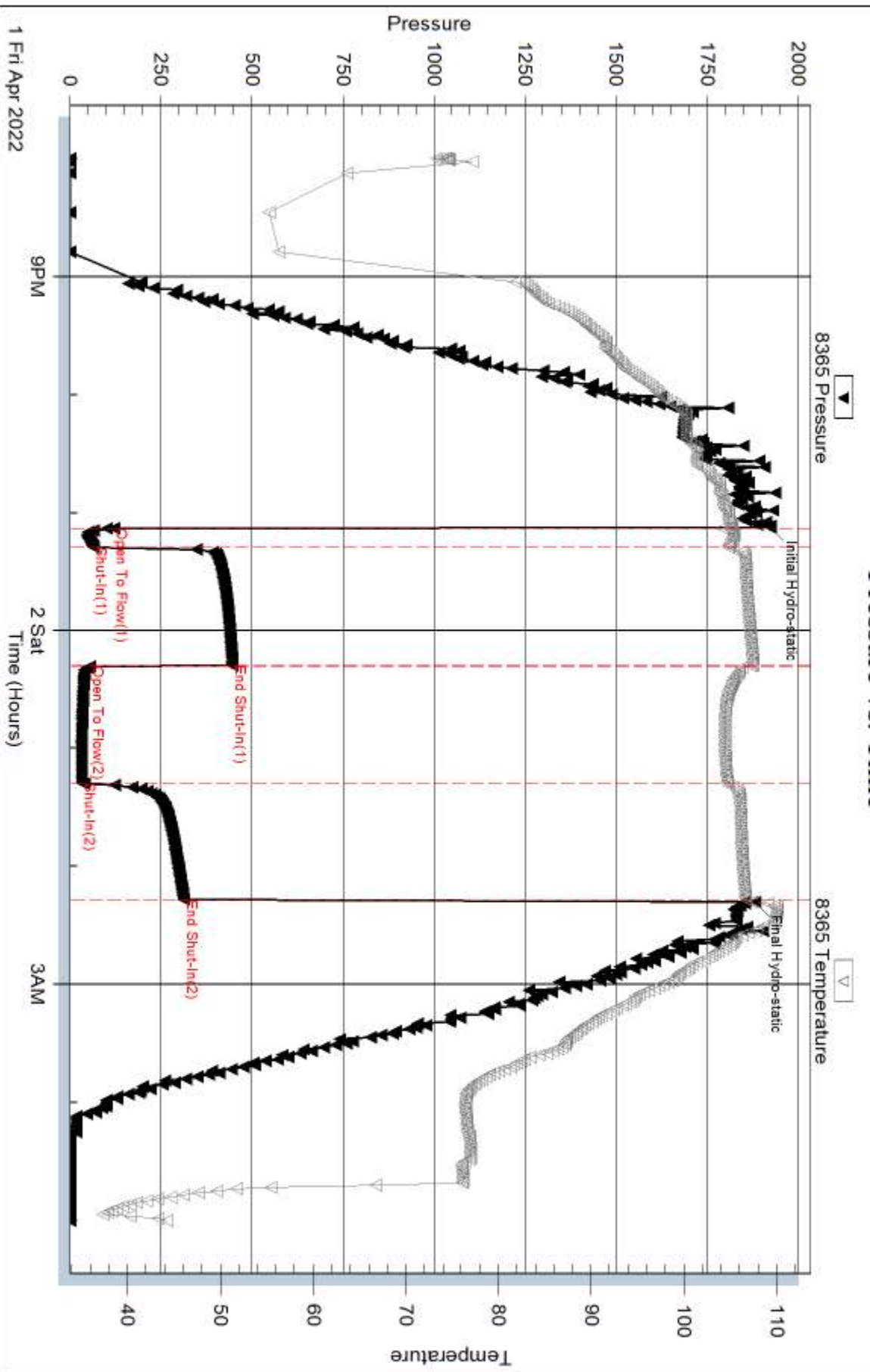
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.38	6.37	76.09
2	20	0.38	3.78	66.60
2	30	0.38	1.10	56.77
2	40	0.38	0.97	56.31
2	50	0.38	0.47	54.47
2	60	0.38	0.22	53.55

Pressure vs. Time

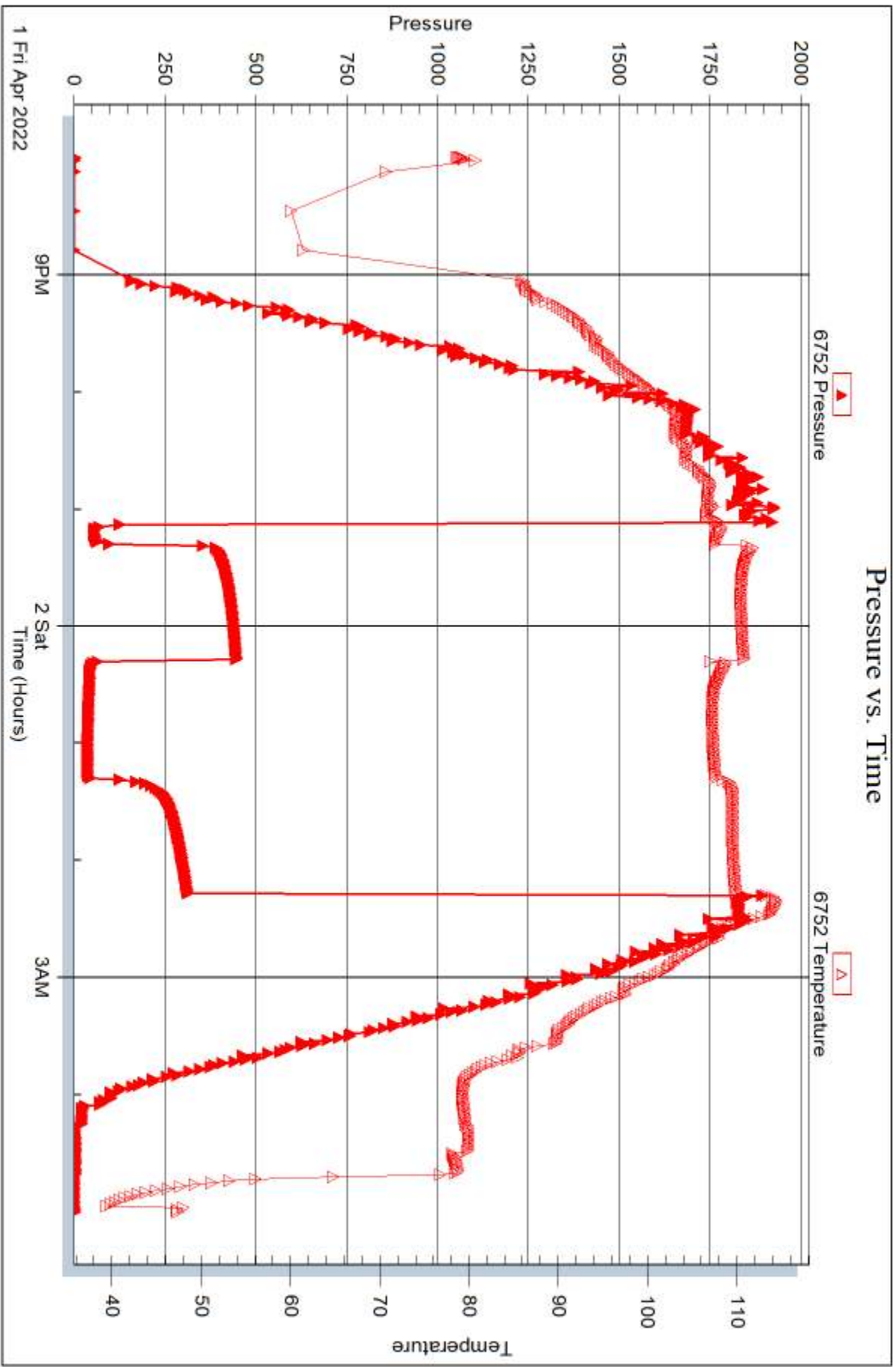


Serial #: 6752

Outside Thomas Garner Inc.

Lily #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68240

Printed: 2022.04.11 @ 11:26:08



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reeves

Lily #1

25-25-13w Stafford,KS

Start Date: 2022.04.02 @ 22:45:00

End Date: 2022.04.03 @ 07:33:02

Job Ticket #: 68241 DST #: 2

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

Printed: 2022.04.11 @ 11:27:25



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68241

DST#: 2

ATTN: Keith Reeves

Test Start: 2022.04.02 @ 22:45:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:27:17
 Time Test Ended: 07:33:02
 Interval: **3996.00 ft (KB) To 4050.00 ft (KB) (TVD)**
 Total Depth: 4050.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 1925.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 15.00 ft

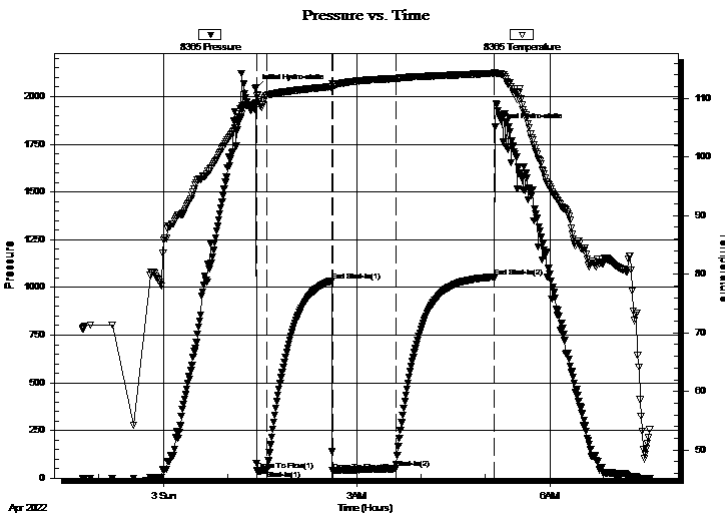
Serial #: 8365

Outside

Press@RunDepth: 50.07 psig @ 4047.00 ft (KB) Capacity: psig
 Start Date: 2022.04.02 End Date: 2022.04.03 Last Calib.: 2022.04.03
 Start Time: 22:45:01 End Time: 07:33:02 Time On Btm: 2022.04.03 @ 01:26:17
 Time Off Btm: 2022.04.03 @ 05:08:47

TEST COMMENT: 10 min IF- Strong blow , BOB 2 min
 60 min ISL- No returns
 60 min FF- BOB ASAO
 90 min FSI- GTS No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.01	109.22	Initial Hydro-static
1	39.01	110.40	Open To Flow (1)
11	40.63	110.50	Shut-In(1)
71	1033.81	112.01	End Shut-In(1)
72	37.51	112.42	Open To Flow (2)
130	50.07	113.37	Shut-In(2)
222	1052.25	114.31	End Shut-In(2)
223	1839.38	114.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOCM 1%O 99% M	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68241

DST#: 2

ATTN: Keith Reeves

Test Start: 2022.04.02 @ 22:45:00

GENERAL INFORMATION:

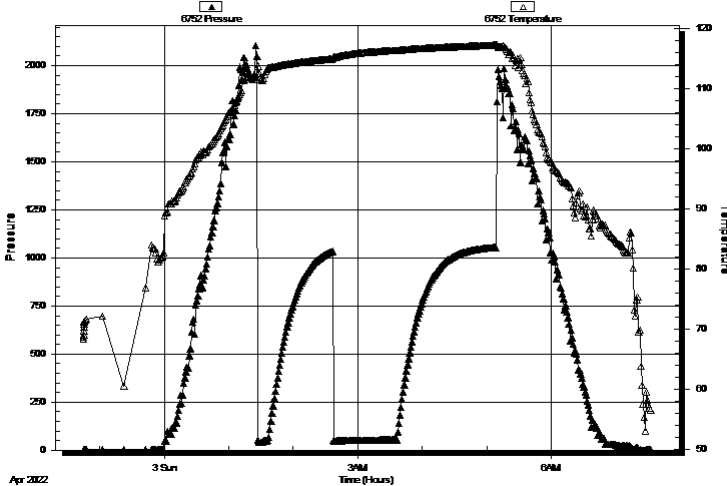
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:27:17
 Tester: Kevin Webster
 Time Test Ended: 07:33:02
 Unit No: 72
Interval: 3996.00 ft (KB) To 4050.00 ft (KB) (TVD)
 Reference Elevations: 1925.00 ft (KB)
 Total Depth: 4050.00 ft (KB) (TVD)
 1910.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 15.00 ft

Serial #: 6752 Outside

Press@RunDepth: psig @ 4047.00 ft (KB)	Capacity: psig
Start Date: 2022.04.02 End Date: 2022.04.03	Last Calib.: 2022.04.03
Start Time: 22:45:01 End Time: 07:33:02	Time On Btm:
	Time Off Btm:

TEST COMMENT: 10 min IF- Strong blow , BOB 2 min
 60 min ISI- No returns
 60 min FF- BOB ASAO
 90 min FSI- GTS No returns

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOCM 1%O 99% M	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68241

DST#: 2

ATTN: Keith Reeves

Test Start: 2022.04.02 @ 22:45:00

Tool Information

Drill Pipe:	Length: 3723.00 ft	Diameter: 3.80 inches	Volume: 52.22 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 53.48 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3996.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	81.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3974.00	
Hydraulic tool	5.00			3979.00	
Jars	5.00			3984.00	
Safety Joint	3.00			3987.00	
Packer	5.00			3992.00	27.00 Bottom Of Top Packer
Packer	4.00			3996.00	
Stubb	1.00			3997.00	
Perforations	17.00			4014.00	
Change Over Sub	1.00			4015.00	
Drill Pipe	31.00			4046.00	
Change Over Sub	1.00			4047.00	
Recorder	0.00	8365	Outside	4047.00	
Recorder	0.00	6752	Outside	4047.00	
Bullnose	3.00			4050.00	54.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68241

DST#: 2

ATTN: Keith Reeves

Test Start: 2022.04.02 @ 22:45:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

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
20.00	VSOCM 1%O 99% M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

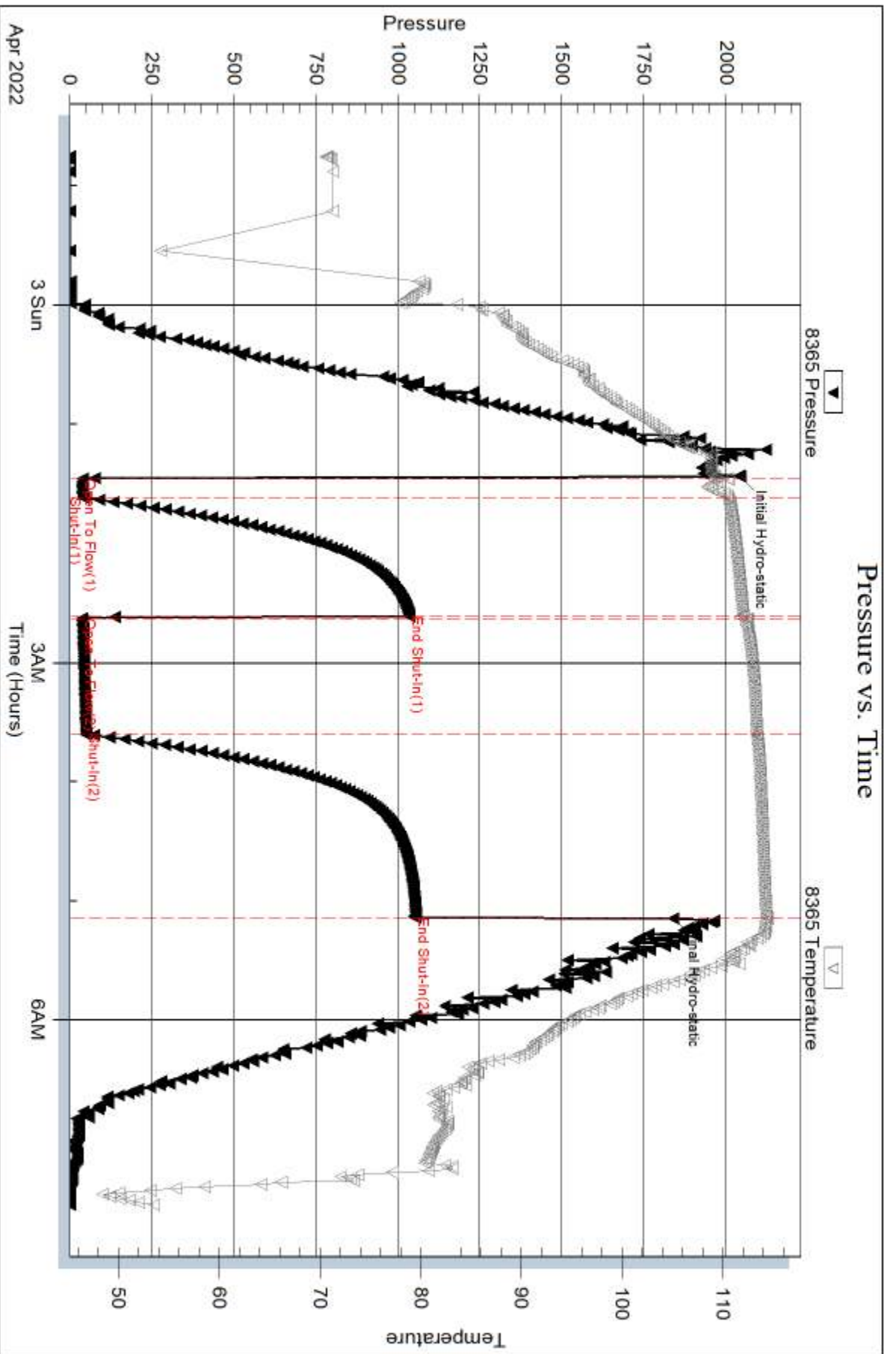
Num Gas Bombs: 0

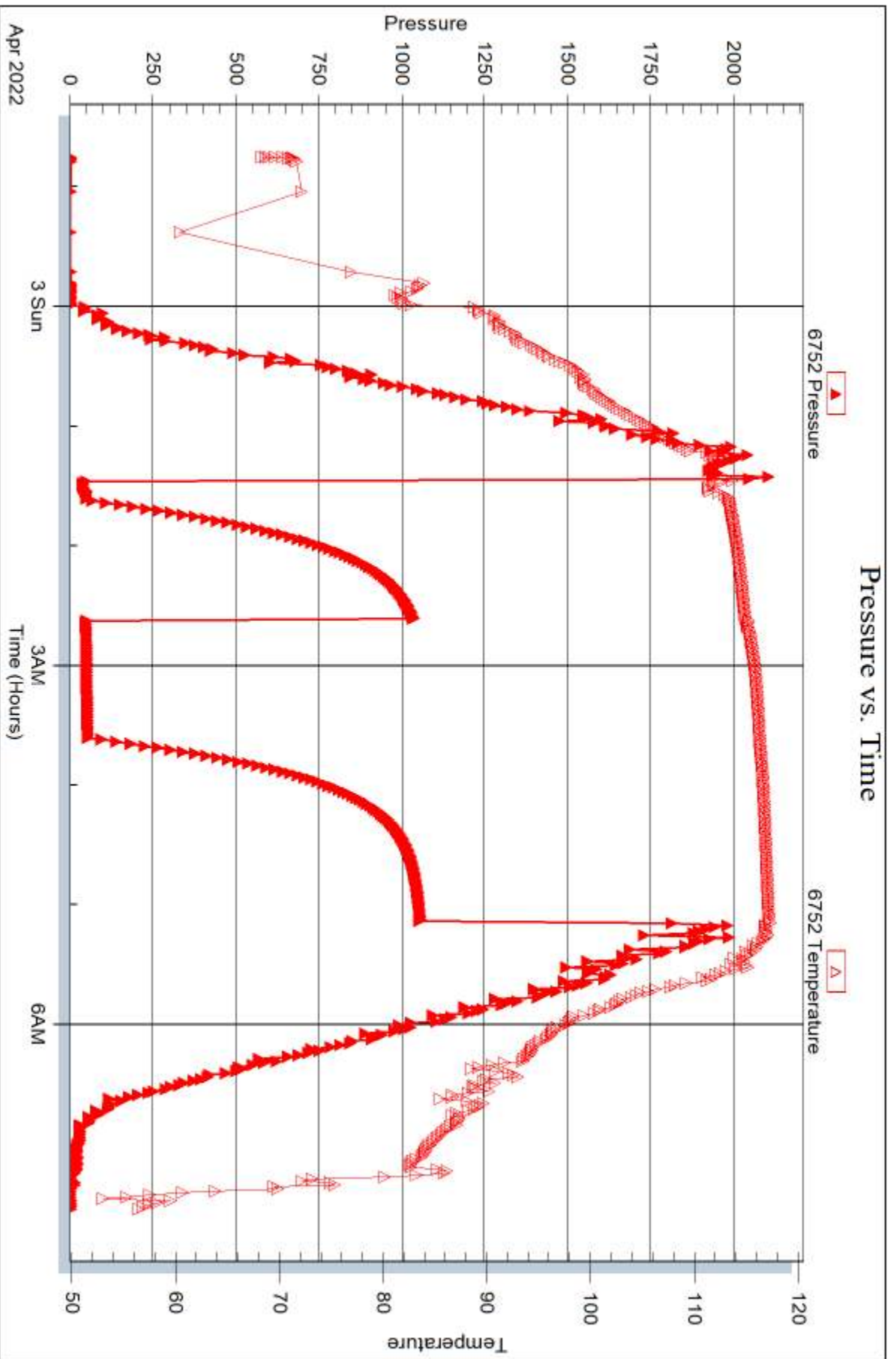
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1.5#LCM







DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reeves

Lily #1

25-25-13w Stafford,KS

Start Date: 2022.04.03 @ 15:40:00

End Date: 2022.04.03 @ 23:48:02

Job Ticket #: 68242 DST #: 3

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

Printed: 2022.04.11 @ 11:28:00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68242

DST#: 3

ATTN: Keith Reeves

Test Start: 2022.04.03 @ 15:40:00

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:14:47

Time Test Ended: 23:48:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Webster

Unit No: 72

Interval: 4052.00 ft (KB) To 4067.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4067.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 15.00 ft

Serial #: 8365 Outside

Press@RunDepth: 23.89 psig @ 4064.00 ft (KB)

Capacity: psig

Start Date: 2022.04.03

End Date:

2022.04.03

Last Calib.:

2022.04.03

Start Time: 15:40:01

End Time:

23:48:02

Time On Btm:

2022.04.03 @ 18:14:32

Time Off Btm:

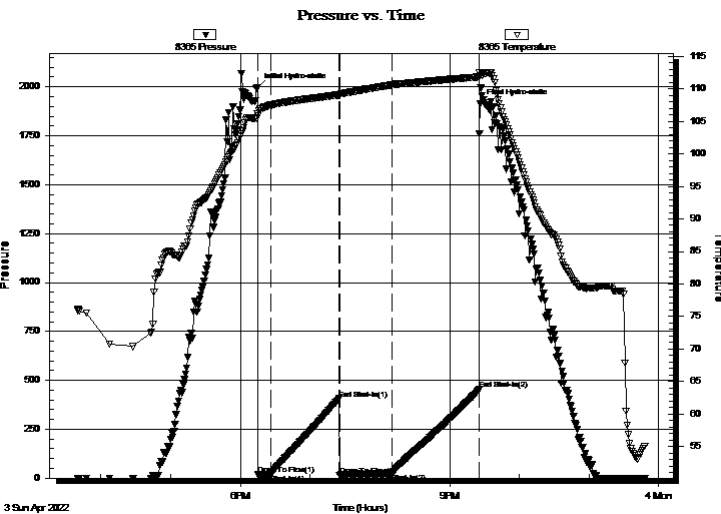
2022.04.03 @ 21:26:32

TEST COMMENT: 10 min IF- WSB built to 4"

60 min ISL- No returns

45 min FF- Strong blow BOB 1 min

75 min FSI- No returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.37	106.22	Initial Hydro-static
1	19.98	105.81	Open To Flow (1)
12	17.65	107.48	Shut-In(1)
71	406.37	109.07	End Shut-In(1)
71	14.66	109.01	Open To Flow (2)
116	23.89	110.59	Shut-In(2)
191	452.66	111.87	End Shut-In(2)
192	1915.26	112.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 1% O 99% M	0.05
0.00	496 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68242

DST#: 3

ATTN: Keith Reeves

Test Start: 2022.04.03 @ 15:40:00

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:14:47

Time Test Ended: 23:48:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Webster

Unit No: 72

Interval: **4052.00 ft (KB) To 4067.00 ft (KB) (TVD)**

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4067.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 15.00 ft

Serial #: 6752 Outside

Press@RunDepth: psig @ 4064.00 ft (KB)

Capacity: psig

Start Date: 2022.04.03 End Date: 2022.04.03

Last Calib.: 2022.04.03

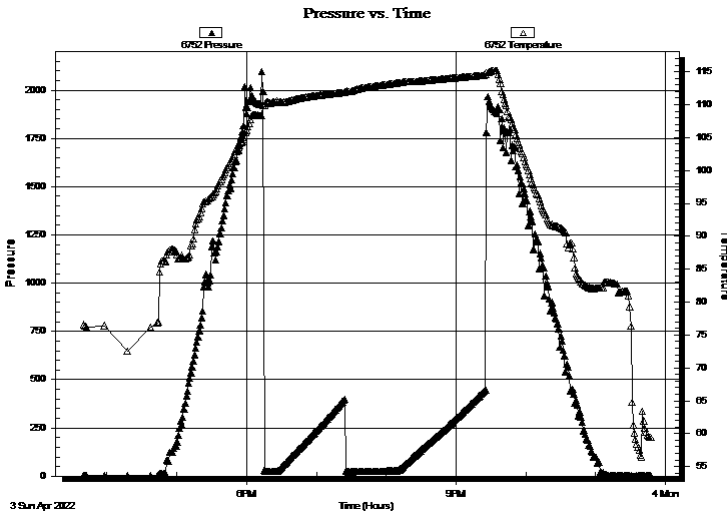
Start Time: 15:40:01 End Time: 23:48:02

Time On Btm:

Time Off Btm:

TEST COMMENT: 10 min IF- WSB built to 4"
60 min ISL- No returns
45 min FF- Strong blow BOB 1 min
75 min FSI- No returns

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 1% O 99% M	0.05
0.00	496 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68242

DST#: 3

ATTN: Keith Reeves

Test Start: 2022.04.03 @ 15:40:00

Tool Information

Drill Pipe:	Length: 3779.00 ft	Diameter: 3.80 inches	Volume: 53.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.27 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4052.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4030.00	
Hydraulic tool	5.00			4035.00	
Jars	5.00			4040.00	
Safety Joint	3.00			4043.00	
Packer	5.00			4048.00	27.00 Bottom Of Top Packer
Packer	4.00			4052.00	
Stubb	1.00			4053.00	
Perforations	11.00			4064.00	
Recorder	0.00	8365	Outside	4064.00	
Recorder	0.00	6752	Outside	4064.00	
Bullnose	3.00			4067.00	15.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68242

DST#: 3

ATTN: Keith Reeves

Test Start: 2022.04.03 @ 15:40:00

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: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	VSOCM 1% O 99% M	0.049
0.00	496 GIP	0.000

Total Length: 10.00 ft Total Volume: 0.049 bbf

Num Fluid Samples: 0

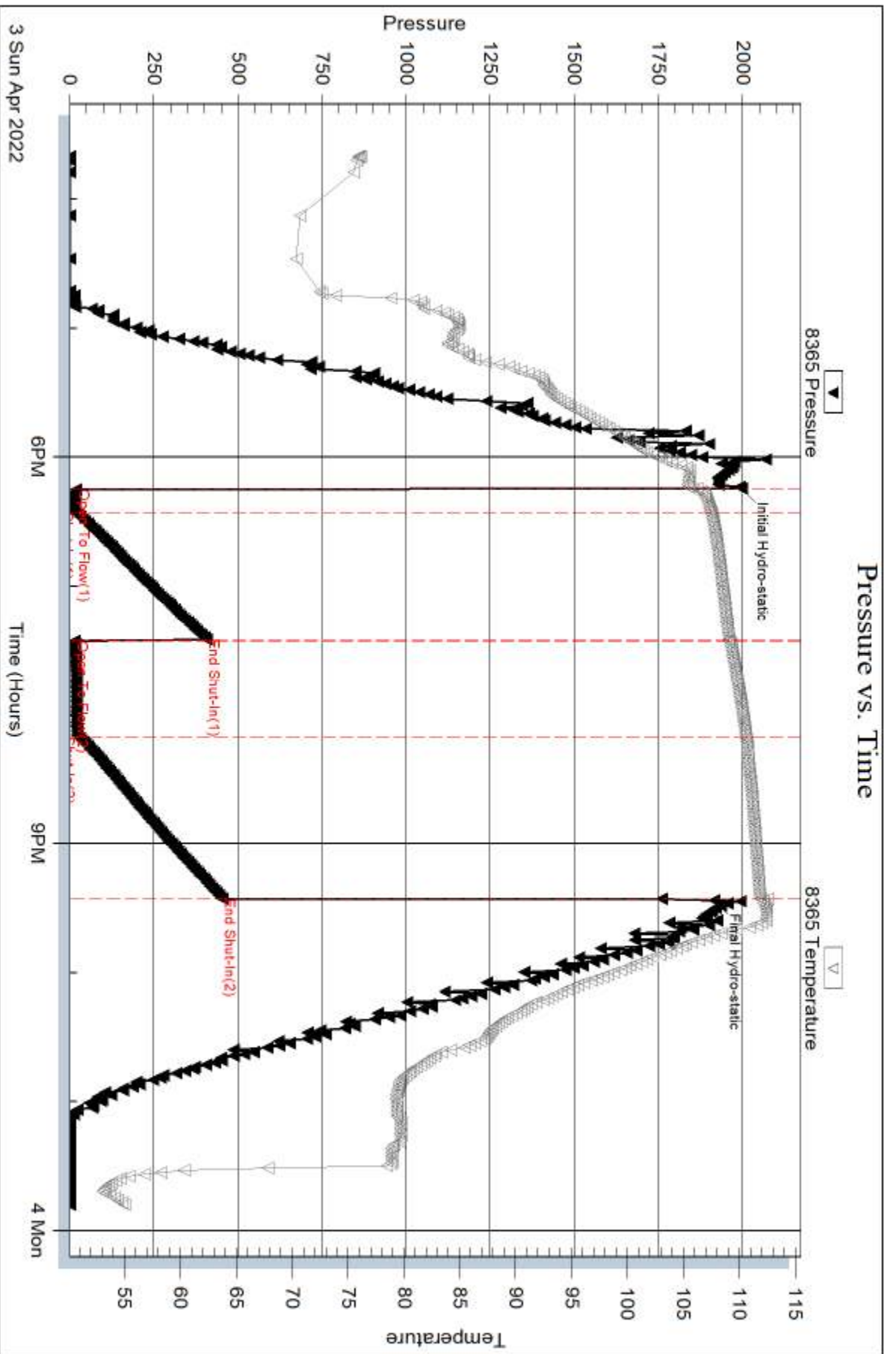
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

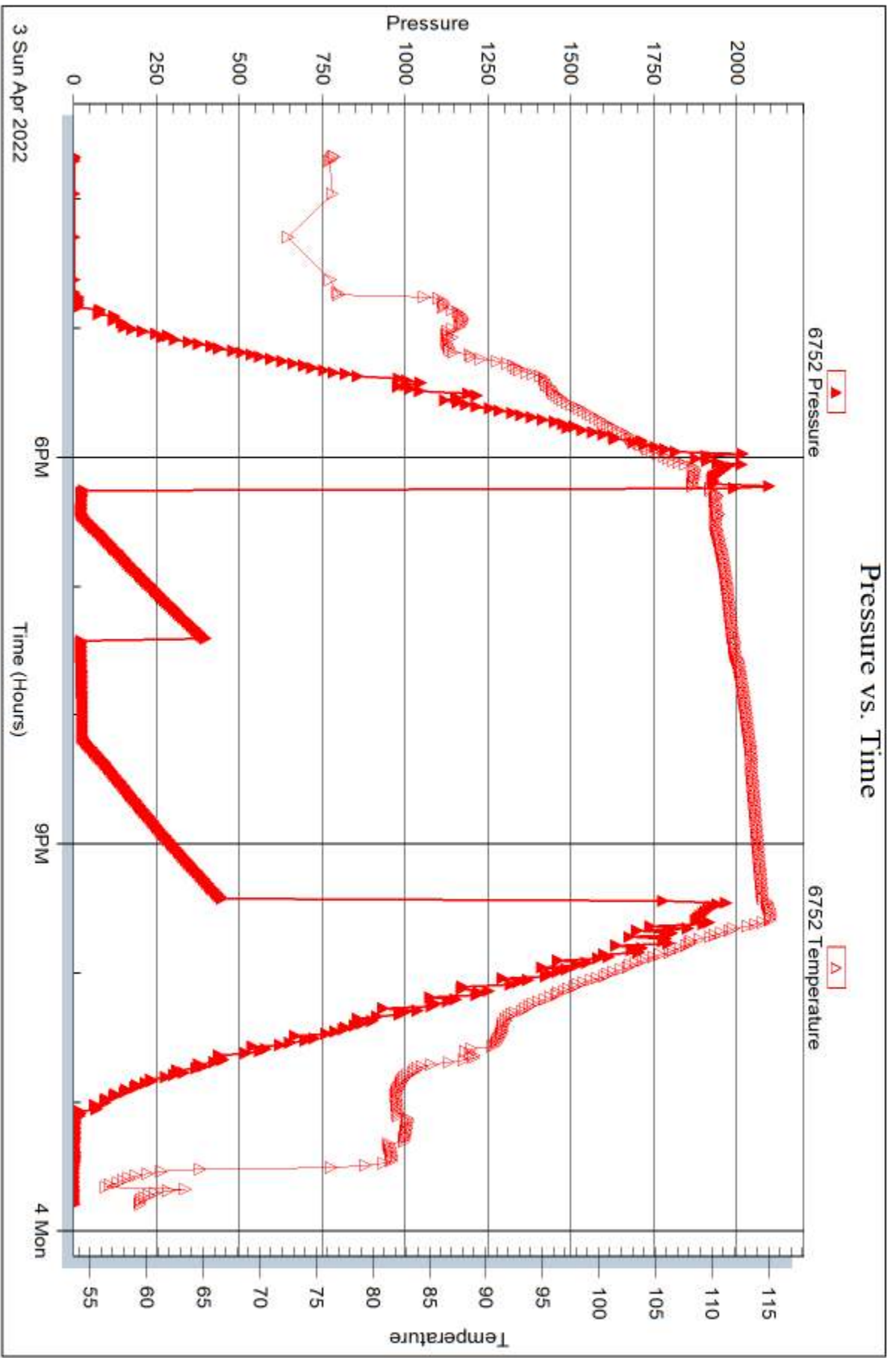


Serial #: 6752

Outside Thomas Garner Inc.

Lily #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reeves

Lily #1

25-25-13w Stafford,KS

Start Date: 2022.04.04 @ 08:08:00

End Date: 2022.04.04 @ 17:16:02

Job Ticket #: 68243 DST #: 4

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

Printed: 2022.04.11 @ 11:31:16



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68243

DST#: 4

ATTN: Keith Reeves

Test Start: 2022.04.04 @ 08:08:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:35:32
 Time Test Ended: 17:16:02
 Interval: **4078.00 ft (KB) To 4100.00 ft (KB) (TVD)**
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 1925.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 15.00 ft

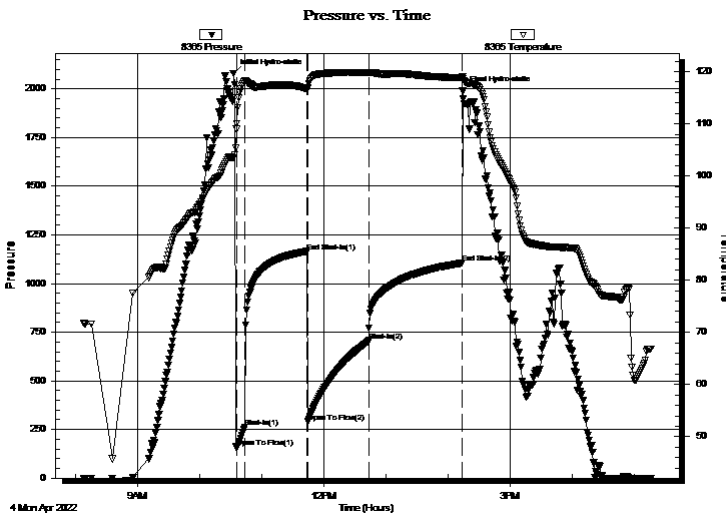
Serial #: 8365

Outside

Press@RunDepth: 705.93 psig @ 4097.00 ft (KB) Capacity: psig
 Start Date: 2022.04.04 End Date: 2022.04.04 Last Calib.: 2022.04.04
 Start Time: 08:08:01 End Time: 17:16:02 Time On Btm: 2022.04.04 @ 10:32:47
 Time Off Btm: 2022.04.04 @ 14:14:17

TEST COMMENT: 10 min IF- Strong blow , BOB 1.5"
 60 min IS- Returns built to 54"
 60 min FF- Strong blow , BOBASAO
 90 min FSI- Returns built to 194"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.83	103.54	Initial Hydro-static
3	158.91	108.95	Open To Flow (1)
11	261.60	118.21	Shut-In(1)
71	1163.85	116.70	End Shut-In(1)
72	289.57	116.75	Open To Flow (2)
131	705.93	119.84	Shut-In(2)
221	1105.45	118.81	End Shut-In(2)
222	1988.79	119.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1563.00	GMW 5%G 85%W 10%M	19.59
62.00	5% G 85% W 10% M	0.87
40.00	MCO 50%M 50%O	0.56
5.00	CGO 25%G 75%O	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68243

DST#: 4

ATTN: Keith Reeves

Test Start: 2022.04.04 @ 08:08:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:35:32

Time Test Ended: 17:16:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Webster

Unit No: 72

Interval: 4078.00 ft (KB) To 4100.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 15.00 ft

Serial #: 6752 Outside

Press@RunDepth: psig @ 4097.00 ft (KB)

Capacity: psig

Start Date: 2022.04.04

End Date:

2022.04.04

Last Calib.:

2022.04.04

Start Time: 08:08:01

End Time:

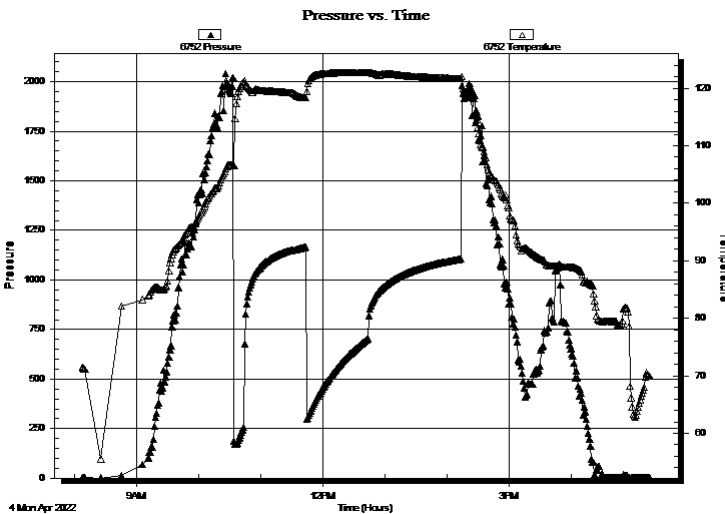
17:16:02

Time On Btm:

Time Off Btm:

TEST COMMENT: 10 min IF- Strong blow , BOB 1.5"
60 min IS- Returns built to 54"
60 min FF- Strong blow , BOBASAO
90 min FSI- Returns built to 194"

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
1563.00	GMW 5%G 85%W 10%M	19.59
62.00	5% G 85% W 10% M	0.87
40.00	MCO 50%M 50%O	0.56
5.00	CGO 25%G 75%O	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68243

DST#: 4

ATTN: Keith Reeves

Test Start: 2022.04.04 @ 08:08:00

Tool Information

Drill Pipe:	Length: 3805.00 ft	Diameter: 3.80 inches	Volume: 53.37 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 54.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4078.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4056.00	
Hydraulic tool	5.00			4061.00	
Jars	5.00			4066.00	
Safety Joint	3.00			4069.00	
Packer	5.00			4074.00	27.00 Bottom Of Top Packer
Packer	4.00			4078.00	
Stubb	1.00			4079.00	
Perforations	18.00			4097.00	
Recorder	0.00	8365	Outside	4097.00	
Recorder	0.00	6752	Outside	4097.00	
Bullnose	3.00			4100.00	22.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68243

DST#: 4

ATTN: Keith Reeves

Test Start: 2022.04.04 @ 08:08:00

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: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1563.00	GMW 5%G 85%W 10%M	19.593
62.00	5% G 85% W 10% M	0.870
40.00	MCO 50%M 50%O	0.561
5.00	CGO 25%G 75%O	0.070

Total Length: 1670.00 ft

Total Volume: 21.094 bbl

Num Fluid Samples: 0

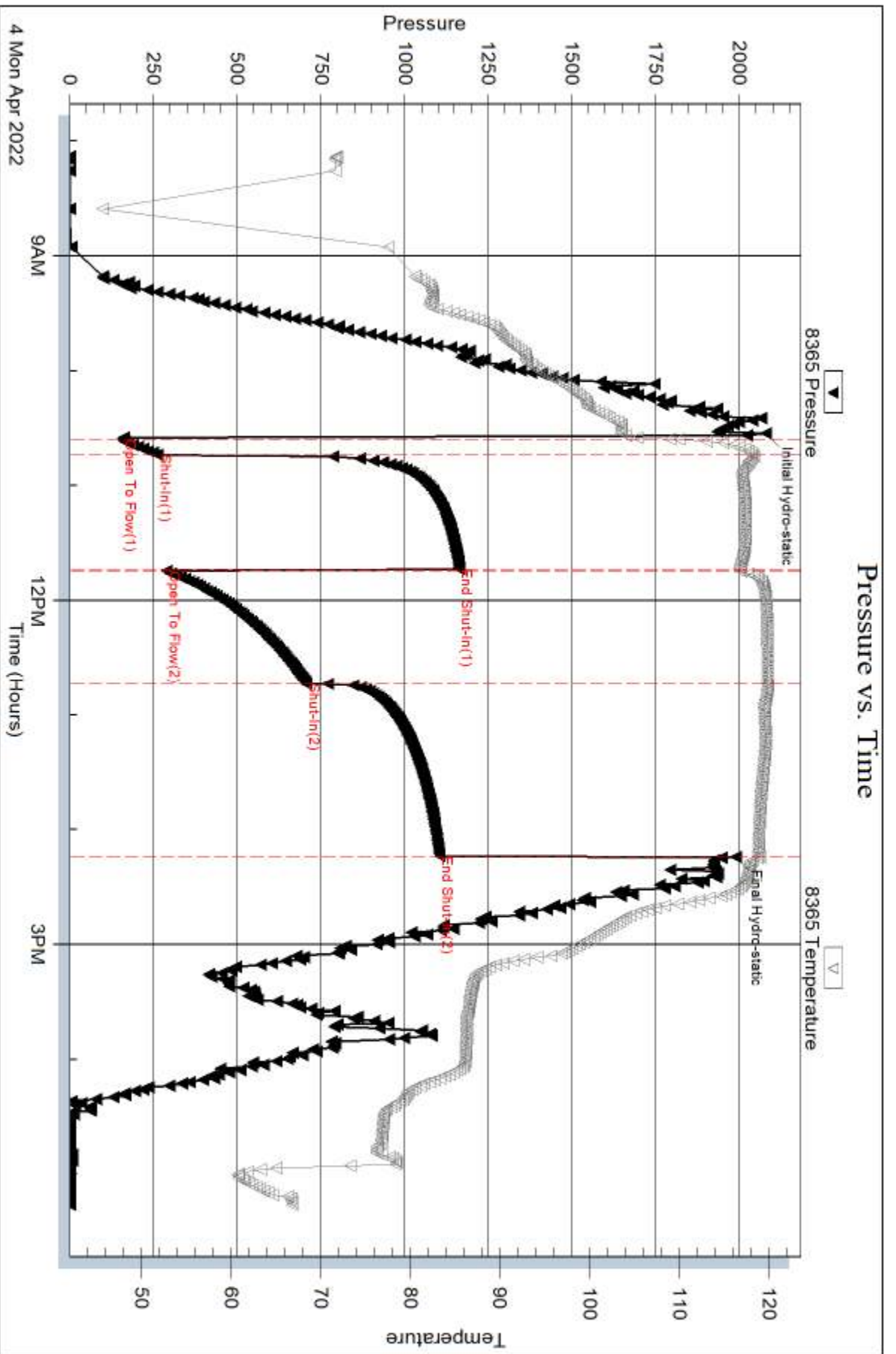
Num Gas Bombs: 0

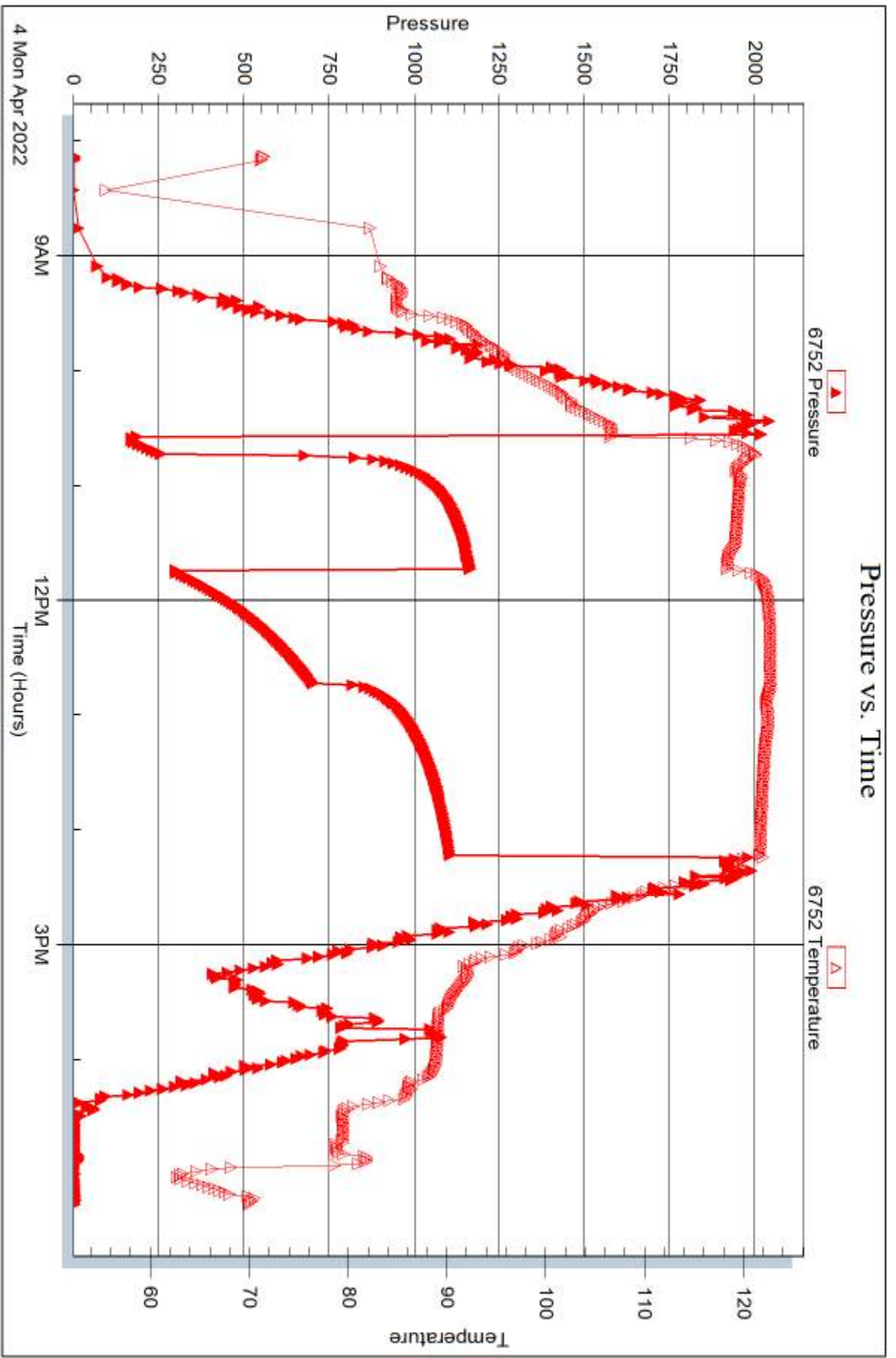
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1.5# LCM







DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reeves

Lily #1

25-25-13w Stafford,KS

Start Date: 2022.04.05 @ 02:45:00

End Date: 2022.04.05 @ 08:25:02

Job Ticket #: 68244 DST #: 5

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

Printed: 2022.04.11 @ 11:32:57



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68244

DST#: 5

ATTN: Keith Reeves

Test Start: 2022.04.05 @ 02:45:00

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:32

Time Test Ended: 08:25:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Kevin Webster

Unit No: 72

Interval: 4148.00 ft (KB) To 4170.00 ft (KB) (TVD)

Reference Elevations: 1925.00 ft (KB)

Total Depth: 4170.00 ft (KB) (TVD)

1910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 15.00 ft

Serial #: 8365 Outside

Press@RunDepth: 17.68 psig @ 4167.00 ft (KB)

Capacity: psig

Start Date: 2022.04.05

End Date:

2022.04.05

Last Calib.:

2022.04.05

Start Time: 02:45:01

End Time:

08:25:02

Time On Btm:

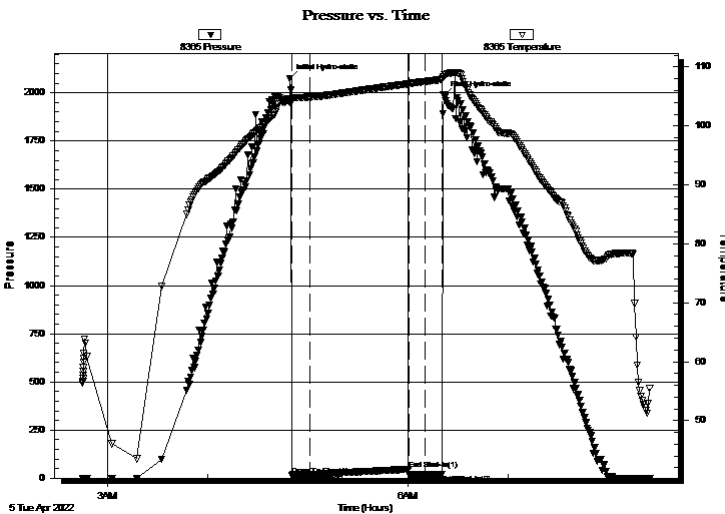
2022.04.05 @ 04:49:17

Time Off Btm:

2022.04.05 @ 06:21:32

TEST COMMENT: 10 min IF- WSB, dieing
60 min ISI- No returns
10 min FF- No blow
10 min FSI- No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.06	104.43	Initial Hydro-static
2	15.34	104.09	Open To Flow (1)
12	17.08	104.90	Shut-In(1)
72	45.30	107.16	End Shut-In(1)
72	17.43	107.17	Open To Flow (2)
81	17.68	107.55	Shut-In(2)
92	20.09	107.94	End Shut-In(2)
93	1987.47	108.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68244

DST#: 5

ATTN: Keith Reeves

Test Start: 2022.04.05 @ 02:45:00

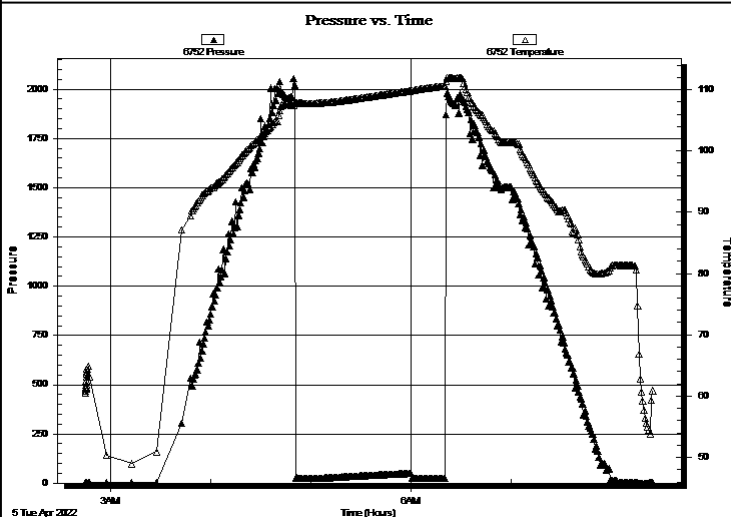
GENERAL INFORMATION:

Formation: **Simpson Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:50:32
 Time Test Ended: 08:25:02
 Interval: **4148.00 ft (KB) To 4170.00 ft (KB) (TVD)**
 Total Depth: 4170.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 1925.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 15.00 ft

Serial #: 6752 Outside

Press@RunDepth: psig @ 4167.00 ft (KB)
 Start Date: 2022.04.05 End Date: 2022.04.05 Capacity: psig
 Start Time: 02:45:01 End Time: 08:25:02 Last Calib.: 2022.04.05
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10 min IF- WSB, dieing
 60 min ISI- No returns
 10 min FF- No blow
 10 min FSI- No returns



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68244

DST#: 5

ATTN: Keith Reeves

Test Start: 2022.04.05 @ 02:45:00

Tool Information

Drill Pipe:	Length: 3880.00 ft	Diameter: 3.80 inches	Volume: 54.43 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 55.69 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	63000.00 lb
Depth to Top Packer:	4148.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4126.00	
Hydraulic tool	5.00			4131.00	
Jars	5.00			4136.00	
Safety Joint	3.00			4139.00	
Packer	5.00			4144.00	27.00 Bottom Of Top Packer
Packer	4.00			4148.00	
Stubb	1.00			4149.00	
Perforations	18.00			4167.00	
Recorder	0.00	8365	Outside	4167.00	
Recorder	0.00	6752	Outside	4167.00	
Bullnose	3.00			4170.00	22.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68244

DST#: 5

ATTN: Keith Reeves

Test Start: 2022.04.05 @ 02:45:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

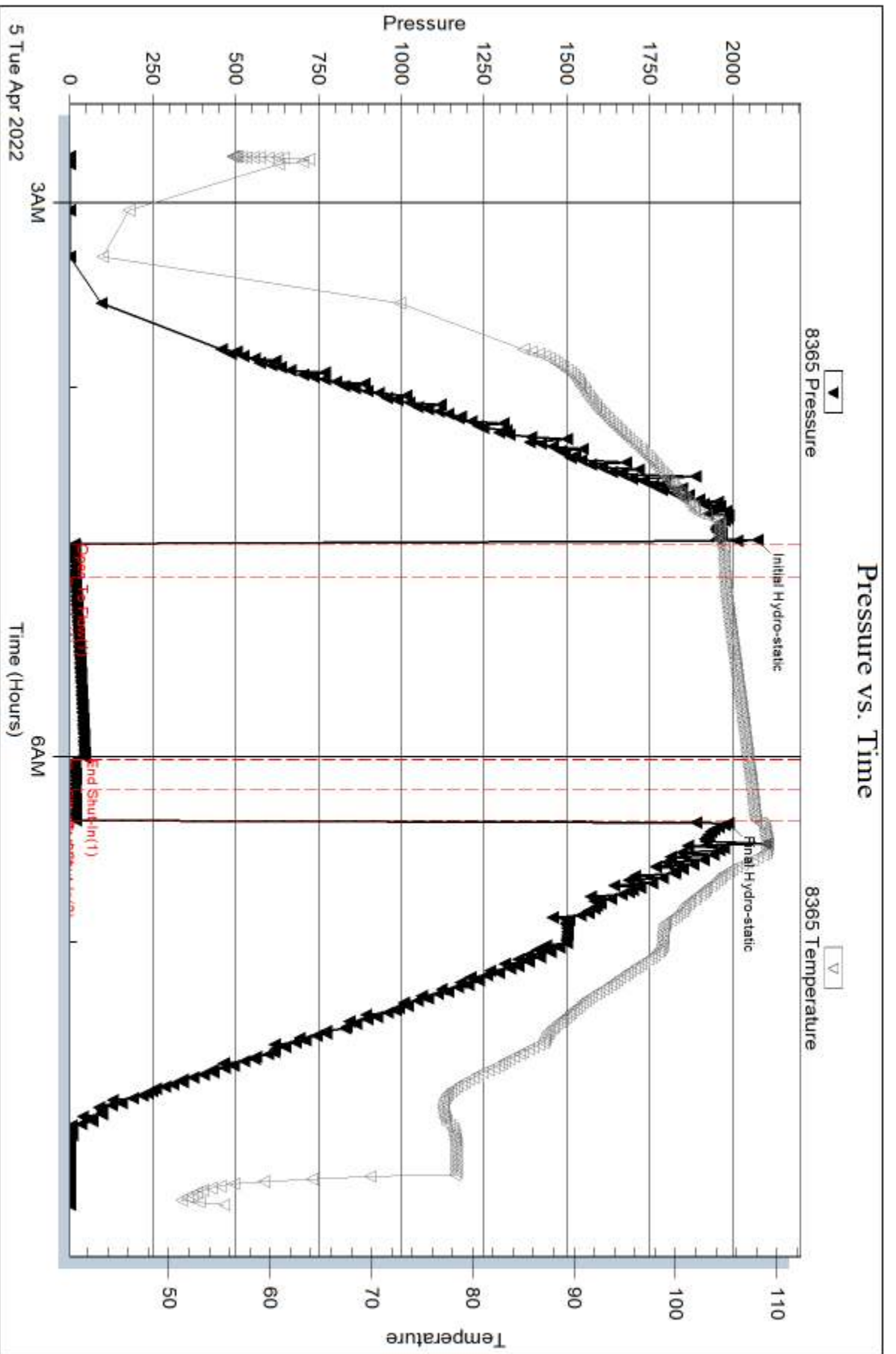
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

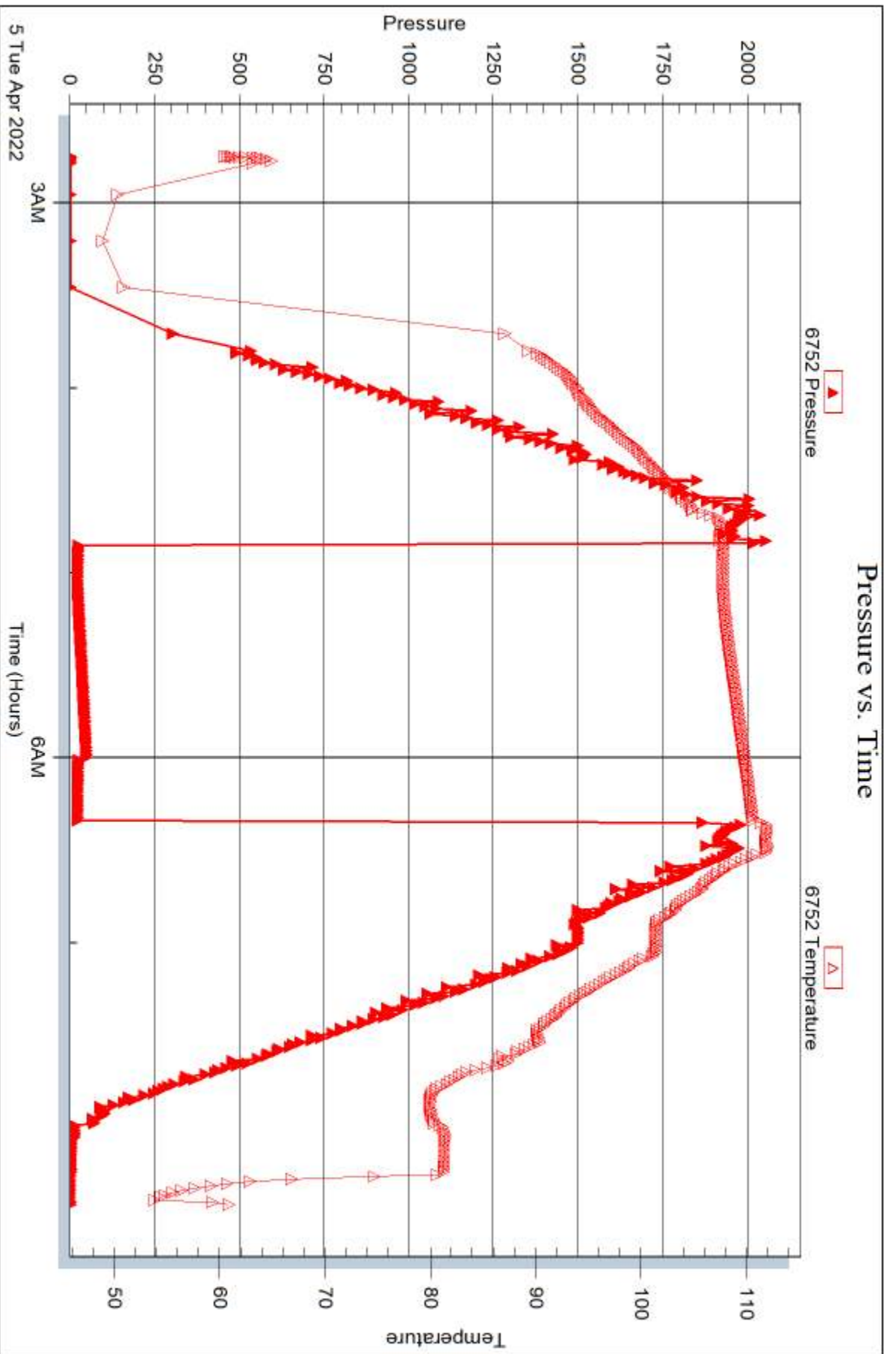


Serial #: 6752

Outside Thomas Garner Inc.

Lily #1

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 68244

Printed: 2022.04.11 @ 11:32:58



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner Inc.**

305 E. 7th
St John, KS 67576

ATTN: Keith Reavis

Lily #1

25-25-13w, Stafford,KS

Start Date: 2022.04.05 @ 23:11:08

End Date: 2022.04.06 @ 07:23:10

Job Ticket #: 68245 DST #: 6

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

Printed: 2022.04.14 @ 09:04:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w, Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68245

DST#: 6

ATTN: Keith Reavis

Test Start: 2022.04.05 @ 23:11:08

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:35:40
 Time Test Ended: 07:23:10
 Interval: **3888.00 ft (KB) To 3932.00 ft (KB) (TVD)**
 Total Depth: 4221.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 1925.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 15.00 ft

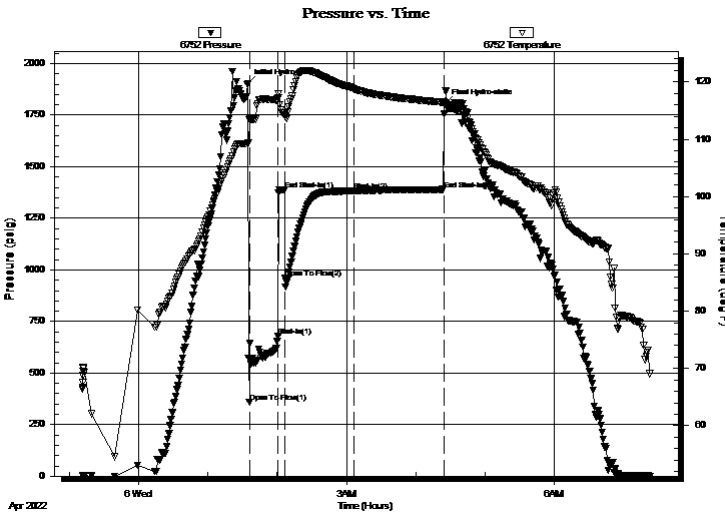
Serial #: 6752

Outside

Press@RunDepth: 1382.96 psig @ 3930.00 ft (KB) Capacity: psig
 Start Date: 2022.04.05 End Date: 2022.04.06 Last Calib.: 2022.04.05
 Start Time: 23:11:09 End Time: 07:23:10 Time On Btm: 2022.04.06 @ 01:34:25
 Time Off Btm: 2022.04.06 @ 04:25:25

TEST COMMENT: 10 min IF-Strong blow , BOB 30 sec
 60 min ISI- No returns
 60 min FF- Strong blow , BOB 1 min
 75 minn FS- No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.07	109.22	Initial Hydro-static
2	356.93	113.47	Open To Flow (1)
27	677.39	117.17	Shut-In(1)
32	1388.76	114.55	End Shut-In(1)
33	960.23	114.34	Open To Flow (2)
92	1382.96	118.78	Shut-In(2)
170	1390.11	116.46	End Shut-In(2)
171	1806.68	116.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW 5% M 95% W	0.31
2851.00	M 100% M	38.23

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner Inc.
305 E. 7th
St John, KS 67576
ATTN: Keith Reavis

25-25-13w, Stafford, KS

Lily #1

Job Ticket: 68245

DST#: 6

Test Start: 2022.04.05 @ 23:11:08

GENERAL INFORMATION:

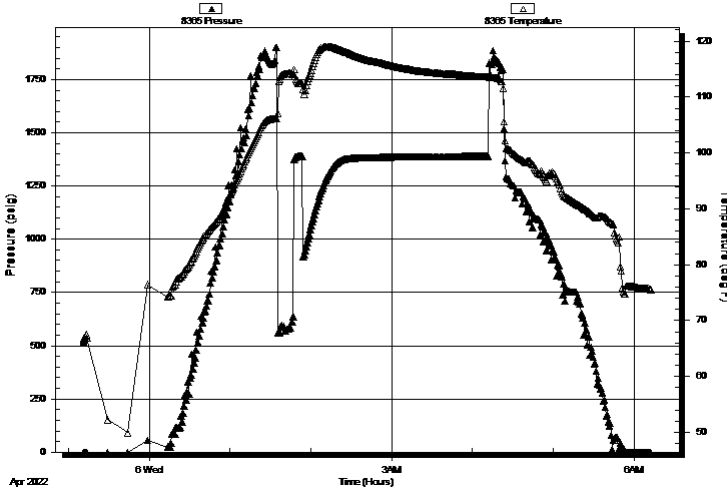
Formation: K			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Straddle (Reset)	
Time Tool Opened: 01:35:40		Tester: Kevin Webster	
Time Test Ended: 07:23:10		Unit No: 72	
Interval: 3888.00 ft (KB) To 3932.00 ft (KB) (TVD)		Reference Elevations: 1925.00 ft (KB)	
Total Depth: 4221.00 ft (KB) (TVD)		1910.00 ft (CF)	
Hole Diameter: 7.78 inches	Hole Condition: Fair	KB to GR/CF: 15.00 ft	

Serial #: 8365 Outside

Press@RunDepth: psig @ 3930.00 ft (KB)	Capacity: psig
Start Date: 2022.04.05	End Date: 2022.04.06
Start Time: 23:11:14	End Time: 06:12:30
Last Calib.: 1899.12.30	Time On Btm:
	Time Off Btm:

TEST COMMENT: 10 min IF-Strong blow , BOB 30 sec
60 min ISI- No returns
60 min FF- Strong blow , BOB 1 min
75 minn FS- No returns

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW 5% M 95% W	0.31
2851.00	M 100% M	38.23

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner Inc.

25-25-13w, Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68245

DST#: 6

ATTN: Keith Reavis

Test Start: 2022.04.05 @ 23:11:08

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:35:40
 Time Test Ended: 07:23:10
 Interval: **3888.00 ft (KB) To 3932.00 ft (KB) (TVD)**
 Total Depth: 4221.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 1925.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 15.00 ft

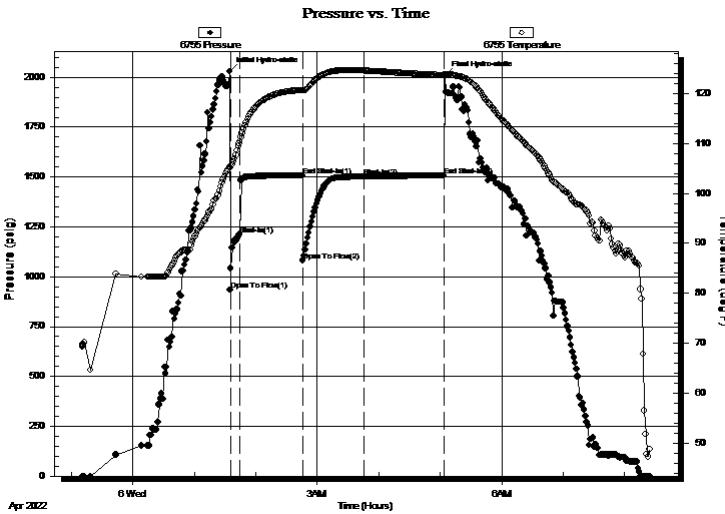
Serial #: 6755

Below (Straddle)

Press@RunDepth: 1506.76 psig @ 4225.00 ft (KB) Capacity: psig
 Start Date: 2022.04.05 End Date: 2022.04.06 Last Calib.: 2022.04.06
 Start Time: 23:11:01 End Time: 08:25:02 Time On Btm: 2022.04.06 @ 01:34:47
 Time Off Btm: 2022.04.06 @ 05:04:32

TEST COMMENT: 10 min IF-Strong blow , BOB 30 sec
 60 min ISL- No returns
 60 min FF- Strong blow , BOB 1 min
 75 minn FS- No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2027.68	105.30	Initial Hydro-static
1	931.80	105.08	Open To Flow (1)
10	1209.73	109.97	Shut-In(1)
71	1506.31	120.55	End Shut-In(1)
71	1081.25	120.54	Open To Flow (2)
132	1501.71	124.51	Shut-In(2)
209	1506.76	123.62	End Shut-In(2)
210	2007.56	123.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW 5% M 95% W	0.31
2851.00	M 100% M	38.23

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner Inc.

25-25-13w, Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68245

DST#: 6

ATTN: Keith Reavis

Test Start: 2022.04.05 @ 23:11:08

Tool Information

Drill Pipe:	Length: 3612.00 ft	Diameter: 3.80 inches	Volume: 50.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 256.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 51.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	3886.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	3930.00 ft			
Interval between Packers:	44.00 ft			
Tool Length:	369.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

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

Shut In Tool	5.00			3864.00	
Hydraulic tool	5.00			3869.00	
Jars	5.00			3874.00	
Safety Joint	3.00			3877.00	
Packer	5.00			3882.00	27.00 Bottom Of Top Packer
Packer	4.00			3886.00	
Stubb	1.00			3887.00	
Perforations	10.00			3897.00	
Change Over Sub	1.00			3898.00	
Drill Pipe	31.00			3929.00	
Change Over Sub	1.00			3930.00	
Recorder	0.00	8365	Outside	3930.00	
Recorder	0.00	6752	Outside	3930.00	44.00 Tool Interval
Packer	4.00			3934.00	
Stubb	1.00			3935.00	
Change Over Sub	1.00			3936.00	
Drill Pipe	286.00			4222.00	
Change Over Sub	1.00			4223.00	
Perforations	2.00			4225.00	
Recorder	0.00	6755	Below	4225.00	
Bullnose	3.00			4228.00	298.00 Bottom Packers & Anchor

Total Tool Length: 369.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner Inc.

25-25-13w, Stafford,KS

305 E. 7th
St John, KS 67576

Lily #1

Job Ticket: 68245

DST#: 6

ATTN: Keith Reavis

Test Start: 2022.04.05 @ 23:11:08

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:

49000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MW 5% M 95% W	0.310
2851.00	M 100% M	38.234

Total Length: 2914.00 ft

Total Volume: 38.544 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

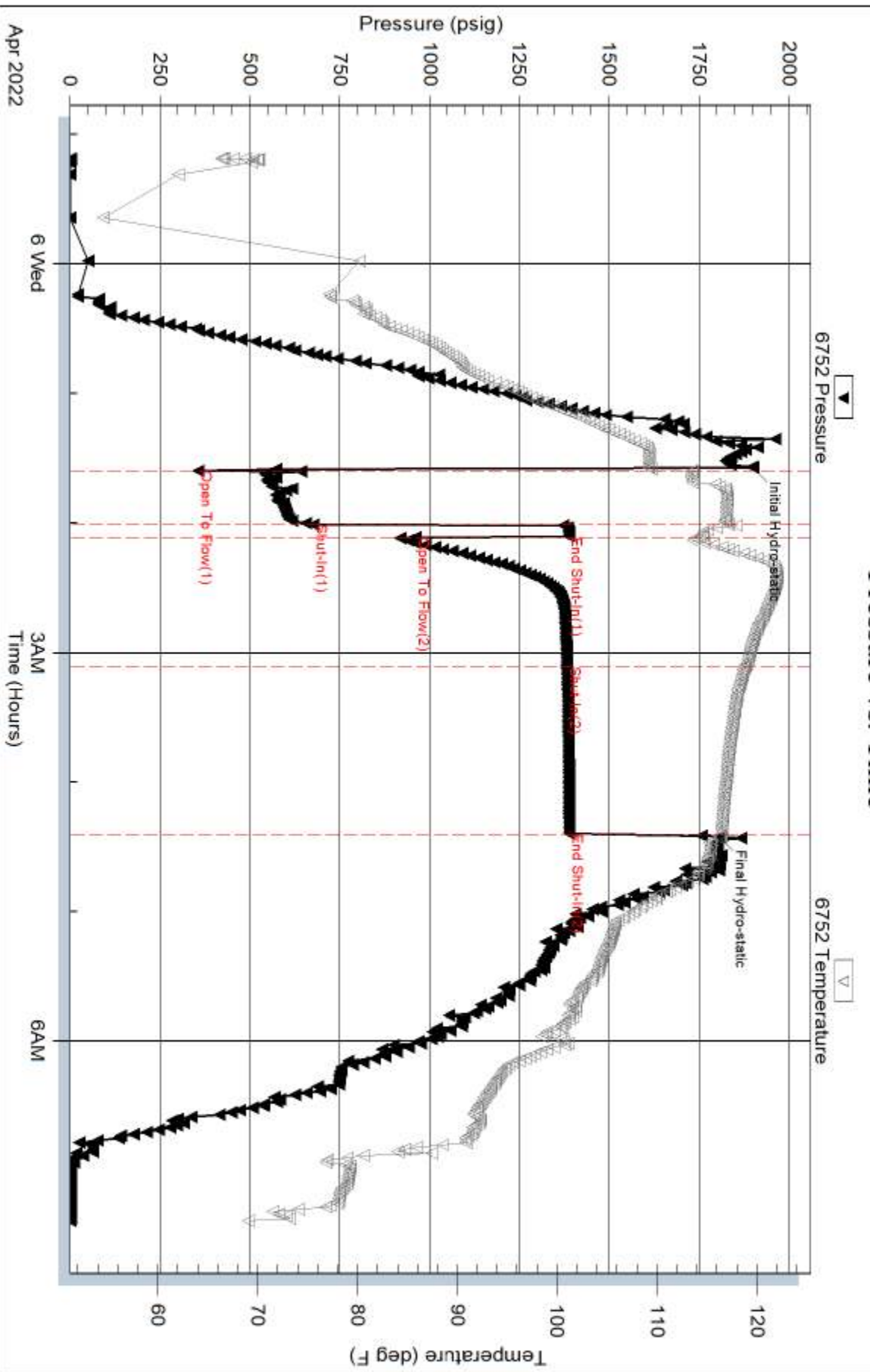
Serial #:

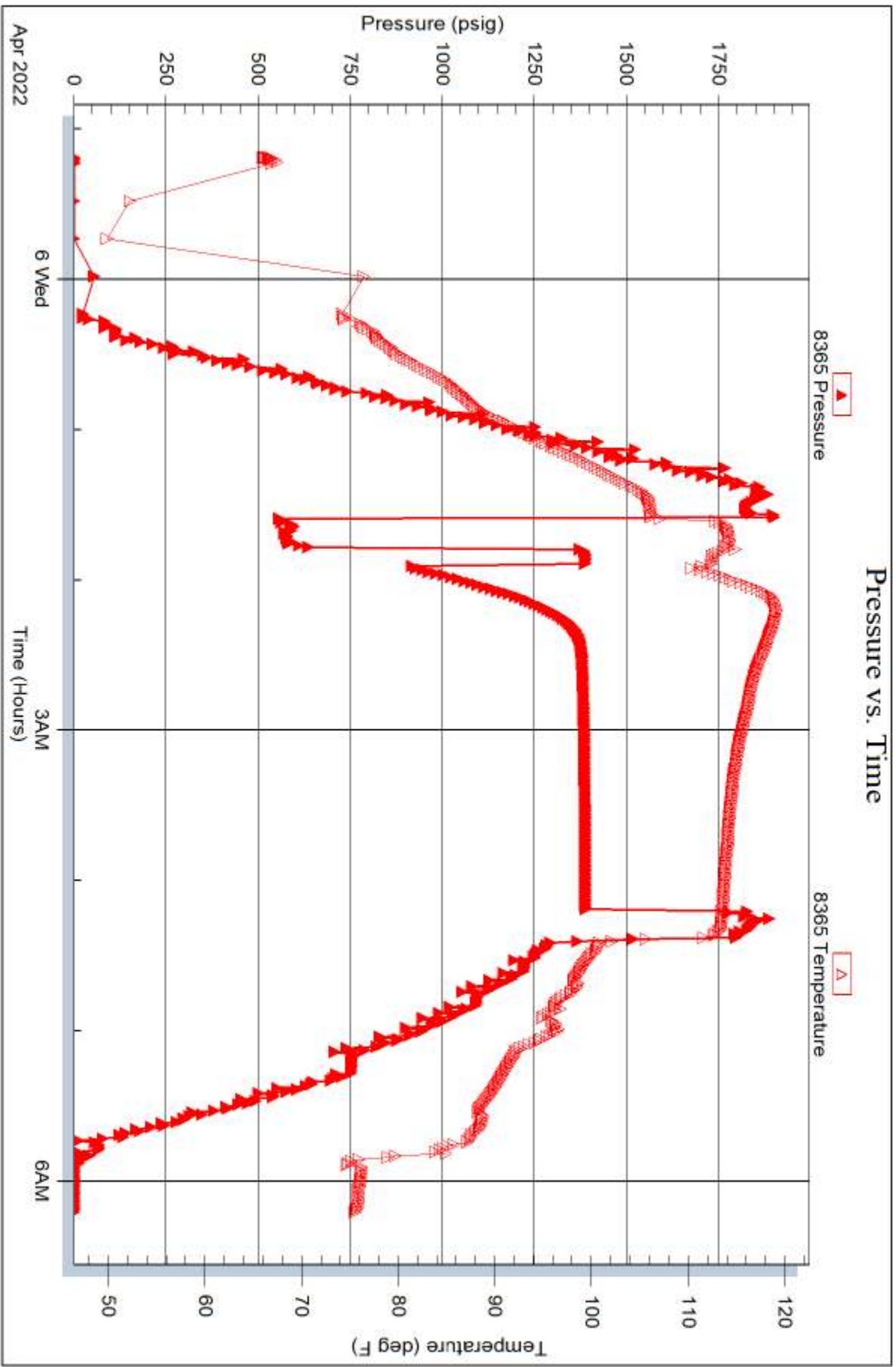
Laboratory Name:

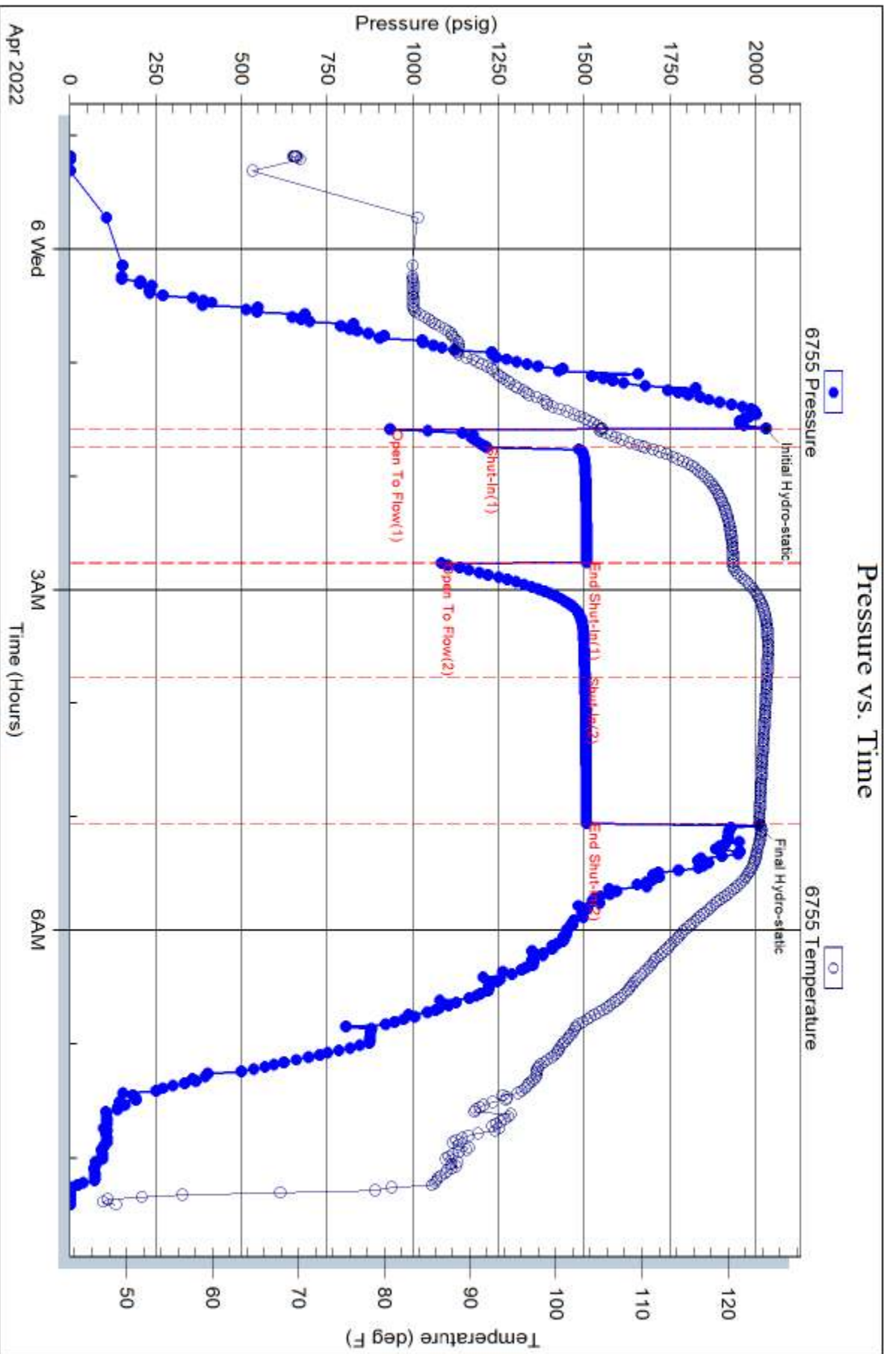
Laboratory Location:

Recovery Comments: 3# LCM

Pressure vs. Time









Well Name & No. Lily 1 Test No. 1 Date 4/1/22
 Company Thomas Garner Inc. Elevation 1925 KB 1910 GL
 Address 305 E 7th ST. JOHN, KS 67576
 Co. Rep / Geo. Keith Reeves Rig Sterling #5
 Location: Sec. 25 Twp 25 Rge. 13 W Co. Stafford State KS

Interval Tested 3846 - 3880 Zone Tested Lansing J
 Anchor Length 34' Drill Pipe Run 3572 Mud Wt. 9.4
 Top Packer Depth 3841 Drill Collars Run 256 Vis 61
 Bottom Packer Depth 3846 Wt. Pipe Run 0 WL 8.8
 Total Depth 3880 Chlorides 9000 ppm System LCM 1.5 #

Blow Description IF- strong blow, bob 15 sec
2SF- No returns
FF- strong blow, BOB ASAO
FSI- No returns

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>VSOCM</u>		<u>1</u>		<u>44</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 62 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1923 Test 1800 T-On Location 13.45
 (B) First Initial Flow 121 Jars 300 T-Started 20:00
 (C) First Final Flow 64 Safety Joint _____ T-Open 23:08
 (D) Initial Shut-In 445 Circ Sub _____ T-Pulled 02:18
 (E) Second Initial Flow 56 Hourly Standby _____ T-Out 05:00
 (F) Second Final Flow 32 Mileage 34 RT 51 Comments 14:01
 (G) Final Shut-In 312 Sampler _____
 (H) Final Hydrostatic 1881 Straddle _____

Initial Open 10 EM Tool -350
 Initial Shut-In 60 Ruined Shale Packer _____
 Final Flow 68 Ruined Packer _____
 Final Shut-In 60 Extra Copies _____
 Sub Total -350
 Total 1801
 Sub Total 2151 MP/DST Disc't _____

Approved By _____ Our Representative ck

Tribotite 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.



12/08

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Gas Volume Report

Thomas Gramer

Operator

Lily 1

Well Name and No.

DST No.

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
10	177	3/8	76.093				
20	105	3/8	66.598				
30	53	3/8	56.773				
40	27	3/8	56.311				
50	13	3/8	54.465				
60	6	3/8	53.542				

Remarks:



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68241

Well Name & No. Lily 1 Test No. 2 Date 4/2/77
 Company Thomas Garner Inc. Elevation 1925 KB 1918 GL
 Address 305 E 7th St John KS 67576
 Co. Rep / Geo. Keith R. Reed Rig sterling #3
 Location: Sec. 25 Twp 25 Rge. 136 Co. Stafford State Ks

Interval Tested 3996 - 4050 Zone Tested MISS
 Anchor Length 54' Drill Pipe Run 3723 Mud Wt. 9.2
 Top Packer Depth 3991 Drill Collars Run 256 Vis 51
 Bottom Packer Depth 3996 Wt. Pipe Run 0 WL 91.2
 Total Depth 4050 Chlorides 2500 ppm System LCM 1.5

Blow Description IF - strong blow bob 2 min
ISF - NO RETURNS
EF - BOB ASAD
FSI - GTS NO RETURNS

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>USOCM</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 Total 20 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2044 Test 1950 T-On Location 21:50
 (B) First Initial Flow 39 Jars 300 T-Started 22:45
 (C) First Final Flow 40 Safety Joint _____ T-Open 01:27
 (D) Initial Shut-In 1033 Circ Sub _____ T-Pulled 3:07
 (E) Second Initial Flow 37 Hourly Standby _____ T-Out 07:30
 (F) Second Final Flow 50 Mileage 34 51 Comments NOTE
 (G) Final Shut-In 1052 Sampler _____
 (H) Final Hydrostatic 1839 Straddle _____ EM Tool -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 1951
 Sub Total 2301 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

Tribolite 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. 68242

Well Name & No. Lily 1 Test No. 3 Date 4/3/22
 Company Thomas Gannet Inc. Elevation 1925 KB 1910 GL
 Address 305 E 7th St John, KS 67576
 Co. Rep / Geo. Keith Reeves Rig sterling #5
 Location: Sec. 25 Twp 29 Rge. 13W Co. Stafford State KS

Interval Tested 4052 - 4067 Zone Tested Kinderhook
 Anchor Length 15 Drill Pipe Run ~~3779~~ 3779 Mud Wt. 9.4
 Top Packer Depth 4047 Drill Collars Run 256 Vis 60
 Bottom Packer Depth 4052 Wt. Pipe Run 0 WL 9.8
 Total Depth 4067 Chlorides 5000 ppm System LCM 2#

Blow Description IF-WSH built to 4"
ISI - NO RETURNS
FF STRONG blow 606 1 min
FBI - NO RETURNS

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>VSOCM</u>	<u>1</u>		<u>99</u>	
<u>406</u>	<u>606</u>	<u>100</u>			

Rec Total 10 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1917 Test 1950 T-On Location 15:00
 (B) First Initial Flow 19 Jars 300 T-Started 15:40
 (C) First Final Flow 17 Safety Joint _____ T-Open 18:15
 (D) Initial Shut-In 406 Circ Sub _____ T-Pulled 21:25
 (E) Second Initial Flow 14 Hourly Standby _____ T-Out 23:45
 (F) Second Final Flow 23 Mileage 34 RT 51 Comments Motel
 (G) Final Shut-In 452 Sampler _____
 (H) Final Hydrostatic 1915 Straddle _____ EM Tool -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 1951
 Sub Total 2301 MP/DST Disc't _____

Approved By _____

Our Representative CR

Tribolite 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. 68243

Well Name & No. Lily / Test No. 4 Date 4/4/22
 Company Thomas Garner Inc. Elevation 1925 KB 1910 GL
 Address 315 E 2nd St John, KS 67570
 Co. Rep / Geo. Reith Reeves Rig STAFFING #5
 Location: Sec. 25 Twp 25 Rge. 13W Co. STAFFORD State KS

Interval Tested 4078 - 4100 Zone Tested Viola
 Anchor Length 22 Drill Pipe Run 3805 Mud Wt. 9.1
 Top Packer Depth 4073 Drill Collars Run 256 Vis 75
 Bottom Packer Depth 4078 Wt. Pipe Run 0 WL 8.9
 Total Depth 4100 Chlorides 6000 ppm System LCM 1.5

Blow Description IF- strong blow bob 1.5 min
IST- Returns built to 94"
EF- strong blow, BOBASA
FSI GTS Returns built to 194"

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>Gmw</u>	<u>5</u>	<u>85</u>	<u>10</u>	<u>0</u>
<u>1563</u>	<u>Gmw</u>	<u>10</u>	<u>10</u>	<u>60</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

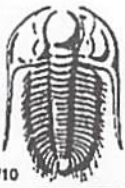
Rec Total 1625 BHT 119 Gravity _____ API RW .189 @ 22°F Chlorides 49,000 ppm
 (A) Initial Hydrostatic 2079 Test 1950 T-On Location 07:15
 (B) First Initial Flow 158 Jars 300 T-Started 08:08
 (C) First Final Flow 261 Safety Joint T-Open 10:35
 (D) Initial Shut-In 1163 Circ Sub T-Pulled 14:15
 (E) Second Initial Flow 289 Hourly Standby T-Out 17:10
 (F) Second Final Flow 705 Mileage 34 RT 51 Comments MATEI
 (G) Final Shut-In 1115 Sampler
 (H) Final Hydrostatic 1958 Straddle EM Tool -350
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total -350
 Accessibility Total 1951
 Sub Total 2301 MP/DST Disc't _____

Initial Open 10
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Approved By _____

Our Representative [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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68244

Well Name & No. Lily 1 Test No. 5 Date 4/5/22
 Company Thomas Garner Inc Elevation 1925 KB 1910 GL
 Address 305 E 7th St John, KS 67576
 Co. Rep / Geo. Keith Reeves Rig STERLING #5
 Location: Sec. 25 Twp 25 Rge. 13w Co. Stafford State KS

Interval Tested 4148 - 4170 Zone Tested SIMPSON SAND
 Anchor Length 22 Drill Pipe Run 3580 Mud Wt. 8.8
 Top Packer Depth 4143 Drill Collars Run 256 Vls 61
 Bottom Packer Depth 4148 Wt. Pipe Run 0 WL 9.2
 Total Depth 4170 Chlorides 8000 ppm System LCM 2#

Blow Description FF-WSB, Dicing
FSI- No returns
FF- No blow
FSI- NO RETURNS

Rec	Feet of	%gas	%oil	%water	%mud
1	Mud			100	

Rec Total 1 BHT 109 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2075 Test 1950 T-On Location 02:40
 (B) First Initial Flow 15 Jars 300 T-Started 02:45
 (C) First Final Flow 17 Safety Joint _____ T-Open 4:51
 (D) Initial Shut-In 45 Circ Sub _____ T-Pulled 6:21
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 08:30
 (F) Second Final Flow 17 Mileage 51 Comments MATP
 (G) Final Shut-In 20 Sampler _____
 (H) Final Hydrostatic 1987 Straddle _____ EM Tool -350 didn't run
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 1951
 Sub Total 2301 MP/DST Disc't _____

Approved By _____ Our Representative IK

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.



Well Name & No. Lily 1 Test No. 6 Date 4/6/22
 Company Thomas Garner Elevation 1925 KB 1910 GL
 Address 305 E 7th St John, KS 67526
 Co. Rep / Geo. Keith Reeves Rig 3tilling #5
 Location: Sec. 25 Twp 25 Rge. 13w Co. Stafford State KS

Interval Tested 38806-39300 Zone Tested K
 Anchor Length 44 Drill Pipe Run 3612 Mud Wt. 9.2
 Top Packer Depth 3888 Drill Collars Run 256 Vis 58
 Bottom Packer Depth 3932 Wt. Pipe Run 0 WL 10.4
 Total Depth 4221 Chlorides 9000 ppm System LCM 3#

Blow Description FF- strong blow, BAB 30 sec
FSI- NA RETURNS
FF- strong blow, BAB 1 min
FSI- NA RETURNS

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>				<u>95</u>	<u>5</u>
<u>2851</u>					<u>100</u>

Rec Total 2914 BHT Gravity .201 @ 50° F Chlorides 49,000 ppm
 (A) Initial Hydrostatic 2027 Test 1950 T-On Location 2215
 (B) First Initial Flow 931 Jars 300 T-Started 23:11
 (C) First Final Flow 1209 Safety Joint T-Open 01:36
 (D) Initial Shut-In 1506 Circ Sub T-Pulled 05:01
 (E) Second Initial Flow 1081 Hourly Standby T-Out 08:30
 (F) Second Final Flow 1501 Mileage 51 Comments None
 (G) Final Shut-In 1506 Sampler
 (H) Final Hydrostatic 2007 Straddle 600 EM Tool -350

Initial Open 10 Shale Packer Ruined Shale Packer
 Initial Shut-In 60 Extra Packer Ruined Packer
 Final Flow 60 Extra Recorder Extra Copies
 Final Shut-In 25 Day Standby Sub Total -350
 Accessibility Total 2551
 Sub Total 2901 MP/DST Disc't

Approved By _____ Our Representative lu

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.



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

THOMAS GARNER INC
305 E 7TH AVE
SAINT JOHN, KS 67576-1652

Invoice Date: 4/7/2022
Invoice #: 0359958
Lease Name: Lily
Well #: 1 (New)
County: Stafford, Ks
Job Number: WP2643
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
H-Long	190.000	32.200	6,118.00
H-Plug	50.000	12.880	644.00
Gas Block	537.000	2.760	1,482.12
GYP Seal	895.000	0.920	823.40
Cello Flake	49.000	1.610	78.89
5 1/2" Floatshoe-Flapper AFU	1.000	345.000	345.00
5 1/2" LD Plug & Baffle	1.000	322.000	322.00
Cement baskets 5 1/2"	2.000	276.000	552.00
5 1/2" Turbolizers	8.000	115.000	920.00
Mud flush	1,000.000	0.920	920.00
Light Eq Mileage	20.000	1.840	36.80
Heavy Eq Mileage	40.000	3.680	147.20
Ton Mileage	221.000	1.380	304.98
Cement Blending & Mixing	240.000	1.288	309.12
Depth Charge 4001'-5000'	1.000	2,300.000	2,300.00
Cement Plug Container	1.000	230.000	230.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00

Total 16,038.51

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.


WE APPRECIATE YOUR BUSINESS!

Hurricane Services, Inc.
 250 N. Water St., Suite #200
 Wichita, KS 67202

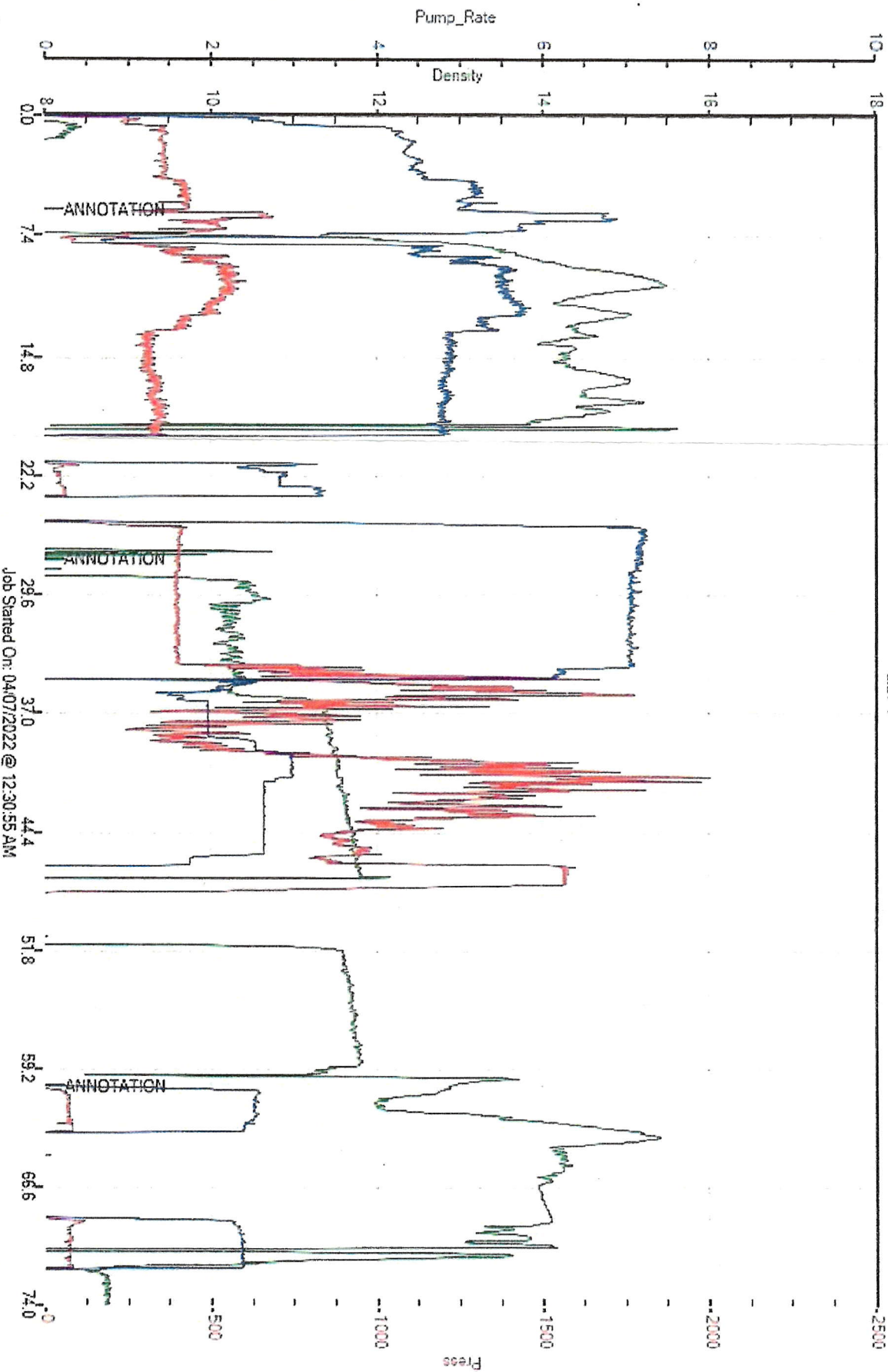


Customer	THOMAS GARNER		Lease & Well #	LILY 1		Date	4/7/2022	
Service District	PRATT		County & State	STAFFORD KS		Legals S/T/R	25-25S-13W	
Job Type	LONGSTRING	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Ticket #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures						
912	MATTAL	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging			
176/522	OSBORN	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection			
182/534	TREVINO	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations			
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations			
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below				
Comments								
Product/Service Code	Description	Unit of Measure	Quantity					Net Amount
CP030	H-Long	sack	190.00					\$6,118.00
CP055	H-Plug	sack	50.00					\$644.00
CP155	Gas Block	lb	537.00					\$1,482.12
CP105	Gypsum	lb	895.00					\$823.40
CP120	Cello-flake	lb	49.00					\$78.89
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00					\$345.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00					\$322.00
FE130	5 1/2" Cement Basket	ea	2.00					\$552.00
FE135	5 1/2 Turbolizer	ea	8.00					\$920.00
CP170	Mud Flush	gal	1,000.00					\$920.00
M015	Light Equipment Mileage	mi	20.00					\$36.80
M010	Heavy Equipment Mileage	mi	40.00					\$147.20
M020	Ton Mileage	tm	221.00					\$304.98
C060	Cement Blending & Mixing Service	sack	240.00					\$309.12
D015	Depth Charge: 4001'-5000'	job	1.00					\$2,300.00
C050	Cement Plug Container	job	1.00					\$230.00
C035	Cement Data Acquisition	job	1.00					\$230.00
R061	Service Supervisor	day	1.00					275 -\$0.00
Customer Section: On the following scale how would you rate Hurricane Services Inc.?								Net: \$15,763.51
Based on this job, how likely is it you would recommend HSI to a colleague?								Total Taxable \$ - Tax Rate: 16.08851
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>								State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely								Sale Tax: \$ - Total: \$ 15,763.51
HSI Representative: <i>Mike Mattal</i>								

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

 Kyle Roby **CUSTOMER AUTHORIZATION SIGNATURE**

TOM GARNER
LILY 1





HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
THOMAS GARNER INC
305 E 7TH AVE
SAINT JOHN, KS 67576-1652

Invoice Date: 3/25/2022
Invoice #: 0359681
Lease Name: Lily
Well #: 1 (New)
County: Stafford, Ks
Job Number: WP2571
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface Pipe	0.000	0.000	0.00
Cement Pozmix 60/40	400.000	13.800	5,520.00
Calcium Chloride	1,032.000	0.690	712.08
Cello Flake	100.000	1.610	161.00
Wooden plug 8 5/8"	1.000	138.000	138.00
Heavy Eq Mileage	20.000	3.680	73.60
Light Eq Mileage	40.000	1.840	73.60
Ton Mileage	344.000	1.380	474.72
Cement Blending & Mixing	400.000	1.288	515.20
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Plug Container	1.000	230.000	230.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00

Total 9,323.20

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	THOMAS GARNER	Lease & Well #	LILY 1	Date	3/25/2022
Service District	PRATT, KS.	County & State	STAFFORD, KS.	Legals S/T/R	25-25S-13W
Job Type	SURFACE PIPE	<input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Ticket #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
926	LESLEY	<input type="checkbox"/> Hard hat	<input type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
176-522	OSBORN	<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
526-256	WAIT (R.H.)	<input type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
Comments					
400' 8 5/8" SURFACE PIPE					
Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount	
CP070	60/40/2 Pozmix	sack	400.00	\$5,520.00	
CP100	Calcium Chloride	lb	1,032.00	\$712.08	
CP120	Cello-flake	lb	100.00	\$161.00	
FE290	8 5/8" Wooden Plug	ea	1.00	\$138.00	
M010	Heavy Equipment Mileage	mi	20.00	\$73.60	
M015	Light Equipment Mileage	mi	40.00	\$73.60	
M020	Ton Mileage	tm	344.00	\$474.72	
C060	Cement Blending & Mixing Service	sack	400.00	\$515.20	
D010	Depth Charge: 0'-500'	job	1.00	\$920.00	
C050	Cement Plug Container	job	1.00	\$230.00	
C035	Cement Data Acquisition	job	1.00	\$230.00	
R061	Service Supervisor	day	1.00	\$275.00	
Customer Section: On the following scale how would you rate Hurricane Services Inc.?				Net:	\$9,323.20
Based on this job, how likely is it you would recommend HSI to a colleague?				Total Taxable	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Tax Rate:	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely				Sale Tax:	\$ -
				Total:	\$ 9,323.20
				HSI Representative:	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer:	THOMAS GARNER	Well:	LILY 1	Ticket:	WP 2571
City, State:		County:	STAFFORD, KS.	Date:	3/25/2022
Field Rep:		S-T-R:	25-25S-13W	Service:	SURFACE PIPE

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:		Blend:	60/40/2 POZMIX
Hole Depth:	ft	Weight:	ppg	Weight:	14.8 ppg
Casing Size:	8 5/8 in 23#	Water / Sx:	gal / sx	Water / Sx:	5.2 gal / sx
Casing Depth:	ft	Yield:	ft ³ / sx	Yield:	1.21 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	25.0 bbls	Total Slurry:	0.0 bbls	Total Slurry:	86.2 bbls
		Total Sacks:	0 sx	Total Sacks:	400 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
5:45PM			-	-	ON LOCATION- SPOT EQUIPMENT
7:15PM			-	-	RUN 8 5/8" X 23# CASING = 10 JTS.
8:10PM			-	-	CASING ON BOTTOM
8:15PM			-	-	HOOK UP TO CASING- BREAK CIRCULATION WITH RIG PUMP AND MUD
8:30PM	6.0	400.0	5.0	5.0	H2o AHEAD
8:35PM	6.0	200.0	86.2	91.2	MIX 400 SKS 60/40/2/POZMIX @ 14.8 PPG
9:00PM				91.2	SHUT DOWN- DROP WOODEN PLUG
9:08PM	5.0	100.0	-	91.2	START DISPLACEMENT
9:12PM	4.0	200.0	20.0	111.2	SLOW RATE
9:15PM	3.0	200.0	25.0	136.2	PLUG @ DESIRED DEPTH
				136.2	CIRCULATION THRU JOB
					CIRCULATED 10 BBL TO PIT
					WASH UP PUMP TRUCK
					JOB COMPLETE,
					THANKS- KEVEN AND CREW

CREW		UNIT	SUMMARY		
Cementer:	LESLEY	926	Average Rate	Average Pressure	Total Fluid
Pump Operator:	OSBORN	176-622	4.8 bpm	220 psi	136 bbls
Bulk #1:	WAIT (R.H.)	526-256			
Bulk #2:					

THOMAS GARNER
LILY #1 SURFACE

