

Confidentiality Requested:

Yes  No

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

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

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

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

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

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

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

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

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

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

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

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

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

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

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

Spud Date or Date Reached TD Completion Date or Recompletion Date

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

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

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

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

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

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

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

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

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

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

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

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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# 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: 3/9/2022  
Invoice #: 0359341  
Lease Name: Reggie  
Well #: 1 (New)  
County: Stafford, Ks  
Job Number: WP2505  
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Longstring			
H-Long	0.000	0.000	0.00
H-Plug	190.000	25.760	4,894.40
GYP Seal	50.000	11.960	598.00
Gas Block	895.000	0.920	823.40
Cello Flake	537.000	2.760	1,482.12
5 1/2" Floatshoe-Flapper AFU	49.000	1.610	78.89
5 1/2" LD Plug & Baffle	1.000	345.000	345.00
Cement baskets 5 1/2"	1.000	322.000	322.00
5 1/2" Turbolizers	2.000	276.000	552.00
Mud flush	8.000	115.000	920.00
Light Eq Mileage	1,000.000	0.920	920.00
Heavy Eq Mileage	20.000	1.840	36.80
Ton Mileage	40.000	3.680	147.20
Cement Blending & Mixing	221.000	1.380	304.98
Depth Charge 4001'-5000'	240.000	1.288	309.12
Cement Plug Container	1.000	2,300.000	2,300.00
Casing Swivel	1.000	230.000	230.00
Service Supervisor	1.000	276.000	276.00
	1.000	275.000	275.00

**Total** 14,814.91

**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!**





Customer	THOMAS GARNER	Lease & Well #	REGGIE #1	Date	3/9/2022
Service District	PRATT, KS.	County & State	STAFFORD, KS.	Legals S/T/R	22-25S 13W
Job Type	LONGSTRING	<input type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well? <input type="checkbox"/> YES <input type="checkbox"/> No
Equipment #	Driver	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
156-522	OSBORN	<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
182-256	WHITFIELD	<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	
<b>Comments</b>					
5 1/2" LONGSTRING					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP030	H-Long	sack	190.00	\$4,894.40
CP055	H-Plug	sack	50.00	\$598.00
CP105	Gypsum	lb	895.00	\$823.40
CP155	Gas Block	lb	537.00	\$1,482.12
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
C040	Casing Swivel	job	1.00	\$276.00
R051	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Total Taxable	\$ -	Tax Rate:		Net:	\$14,814.91
Based on this job, how likely is it you would recommend HSI to a colleague?		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.		Sale Tax:	\$ -	Total:	\$ 14,814.91
<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"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely		HSI Representative:		Kevin Lesley			

**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:	REGGIE #1	Ticket:	WP 2505
City, State:		County:	STAFFORD, KS.	Date:	3/9/2022
Field Rep:	KYLE ROBY	S-T-R:	#REF!	Service:	LONGSTRING

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4350 ft
Casing Size:	5 1/2 in
Casing Depth:	ft
Tubing / Liner:	in
Plug Depth:	4300.4 ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	102.3 bbls

15.5#

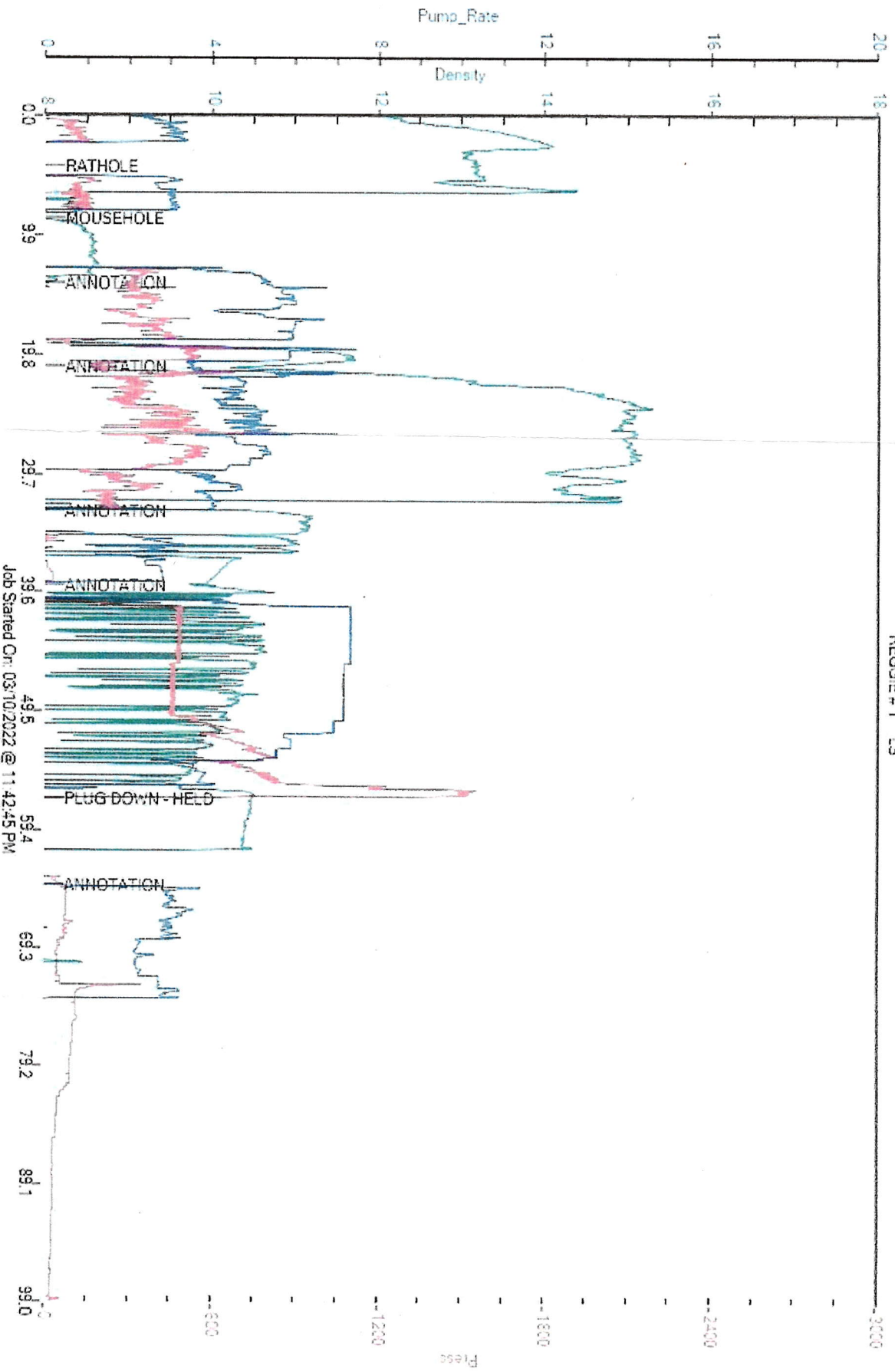
Calculated Slurry - Lead	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

Calculated Slurry - Tail	
Blend:	H-LONG
Weight:	15 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.49 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	50.4 bbls
Total Sacks:	190 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:00PM			-	-	ON LOCATION- SPOT EQUIPMENT
6:15PM				-	RUN 102 JTS. 5 1/2"X 15.5# CASING
				-	TURBOLIZERS- 1,2,3,4,5,6,7,8
				-	BASKETS- 1,8
9:15PM				-	CASING ON BOTTOM
9:30PM				-	HOOK UP TO CASING- BREAK CIRCULATION WITH RIG PUMP AND MUD
10:30PM	2.0	100.0	7.0	7.0	PLUG RATHOLE WITH 30 SKS H-PLUG
1040PM	2.0	100.0	5.0	12.0	PLUG MOUSEHOLE WITH 20 SKS H-PLUG
10:50PM	6.0	400.0	5.0	17.0	H2O AHEAD
11:00PM	6.0	400.0	24.0	41.0	MUDFLUSH
11:04PM	6.0	300.0	5.0	46.0	H2O SPACER
11:05PM	6.0	300.0	50.4		MIX 190 SKS H-LONG CEMENT @ 15 PPG
11:15PM					SHUT DOWN- CLEAR PUMP AND LINES - DROP LATCHDOWN PLUG
11:25PM	6.0	-	-		START DISPLACEMENT
11:37PM	5.0	400.0	60.0		LIFT PRESSURE
11:44PM	4.0	700.0	92.0		SLOW RATE- STOP ROTATING
12:00PM	3.0	1,500.0	102.3		PLUG DOWN- HELD
					CIRCULATION THRU JOB
					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	156-522	4.6 bpm	420 psi	351 bbls
Bulk #1:	WHITFIELD	182-256			
Bulk #2:					

THOMAS GARNER  
REGIE #1 US



Job Started On: 03/10/2022 @ 11:42:45 PM



**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: 3/3/2022  
Invoice #: 0359190  
Lease Name: Reggie  
Well #: 1 (New)  
County: Stafford, Ks  
Job Number: WP2463  
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pozmix 60/40	400.000	11.960	4,784.00
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
Light Eq Mileage	20.000	1.840	36.80
Heavy Eq Mileage	40.000	3.680	147.20
Ton Mileage	344.000	1.380	474.72
Cement Blending & Mixing	400.000	1.288	515.20
Cement Data Acquisition	1.000	230.000	230.00
Cement Plug Container	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00
Depth Charge 0'-500'	1.000	920.000	920.00
Sugar	100.000	2.760	276.00

**Total** 8,900.00

**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.

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Customer	TOM GARNER		Lease & Well #	REGGIE 1		Date	3/3/2022		
Service District	PRATT		County & State	STAFFORD KS	Legals S/T/R	22-25S-13W		Job #	
Job Type	SURFACE	<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	LESLEY		<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection			
181/533	WHITFIELD		<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				
<b>Comments</b>									
Product/ Service Code                      Description                      Unit of Measure                      Quantity                      Net Amount									
CP070	60/40/2 Pozmix			sack	400.00	\$4,784.00			
CP100	Calcium Chloride			lb	1,032.00	\$712.08			
CP120	Cello-flake			lb	100.00	\$161.00			
FE290	Ø 5/8" Wooden Plug			ea	1.00	\$138.00			
M015	Light Equipment Mileage			mi	20.00	\$36.80			
M010	Heavy Equipment Mileage			mi	40.00	\$147.20			
M020	Ton Mileage			tn	344.00	\$474.72			
C060	Cement Blending & Mixing Service			sack	400.00	\$515.20			
C035	Cement Data Acquisition			job	1.00	\$230.00			
C050	Cement Plug Container			job	1.00	\$230.00			
R061	Service Supervisor			day	1.00	\$275.00			
D010	Depth Charge: 0'-500'			job	1.00	\$920.00			
CP180	Sugar			lb	100.00	\$276.00			
Customer Section: On the following scale how would you rate Hurricane Services Inc.?						Net:	\$8,900.00		
Based on this job, how likely is it you would recommend HSI to a colleague? <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"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely						Total Taxable	\$ -	Tax Rate:	
						Sale Tax:	\$ -		
						Total:	\$ 8,900.00		
HSI Representative: <i>Mike Mattal</i>									

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X *[Signature]* CUSTOMER AUTHORIZATION SIGNATURE



**CEMENT TREATMENT REPORT**

Customer:	<b>TOM GARNER</b>	Well:	<b>REGGIE 1</b>	Ticket:	<b>WP2463</b>
City, State:	<b>ST. JOHN KS</b>	County:	<b>STAFFORD KS</b>	Date:	<b>#NAME?</b>
Field Rep:	<b>LANNY SALOGA</b>	S-T-R:	<b>22-25S-13W</b>	Service:	<b>SURFACE</b>

Downhole Information	
Hole Size:	<b>in</b>
Hole Depth:	<b>397 ft</b>
Casing Size:	<b>in</b>
Casing Depth:	<b>393 ft</b>
Tubing / Liner:	<b>in</b>
Depth:	<b>ft</b>
Tool / Packer:	
Tool Depth:	<b>ft</b>
Displacement:	<b>23.5 bbls</b>

Calculated Slurry - Lead	
Blends:	<b>60/40/2 POZMIX</b>
Weight:	<b>14.8 ppg</b>
Water / Sx:	<b>5.2 gal / sx</b>
Yield:	<b>1.21 ft<sup>3</sup> / sx</b>
Annular Bbls / Ft.:	<b>bbs / ft.</b>
Depth:	<b>ft</b>
Annular Volume:	<b>0.0 bbls</b>
Excess:	
Total Slurry:	<b>86.0 bbls</b>
Total Sacks:	<b>400 sx</b>

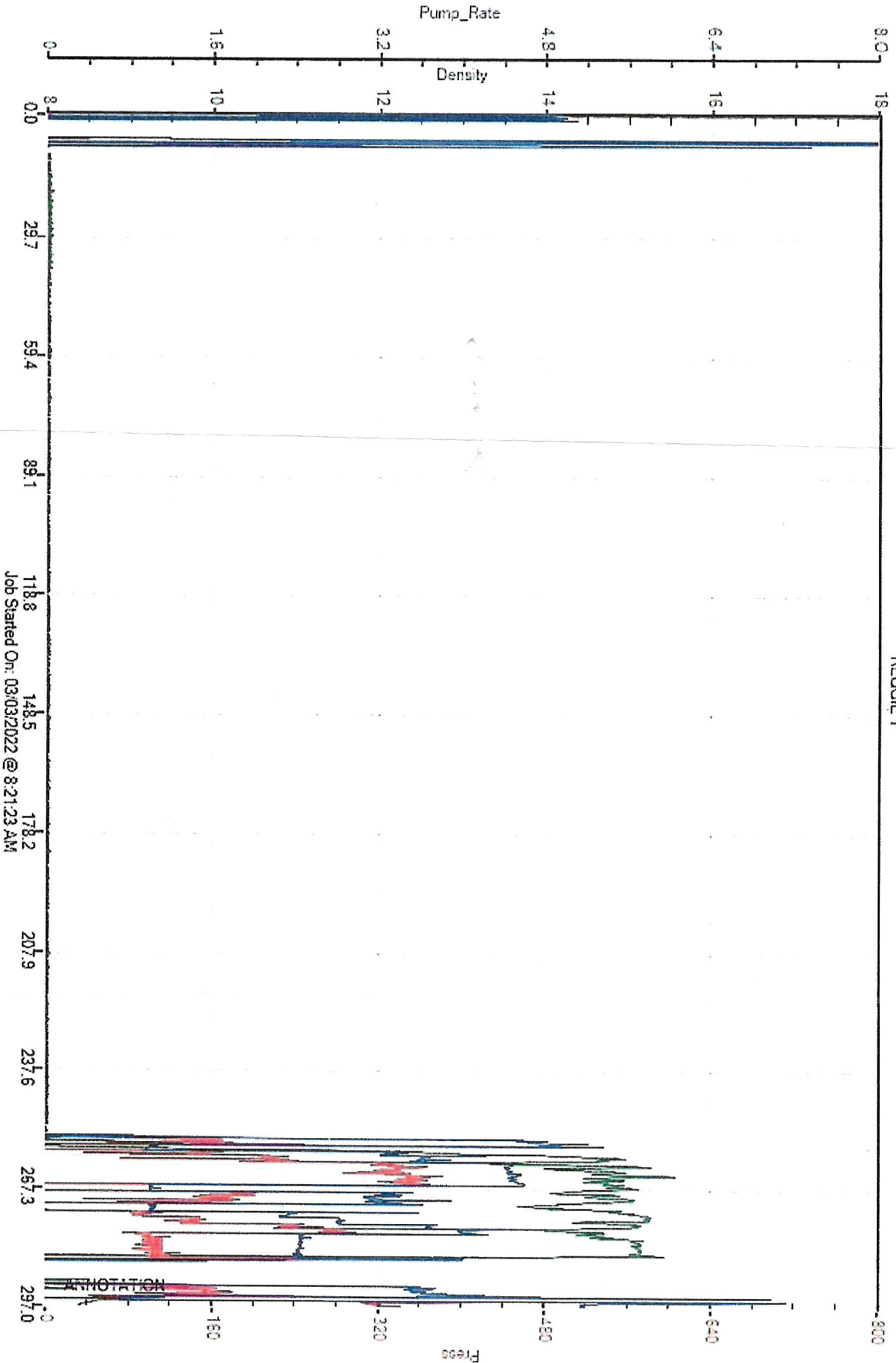
Calculated Slurry - Tail	
Blends:	
Weight:	<b>ppg</b>
Water / Sx:	<b>gal / sx</b>
Yield:	<b>ft<sup>3</sup> / sx</b>
Annular Bbls / Ft.:	<b>bbs / ft.</b>
Depth:	<b>ft</b>
Annular Volume:	<b>0 bbls</b>
Excess:	
Total Slurry:	<b>0.0 bbls</b>
Total Sacks:	<b>#DIV/0! sx</b>

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
6:15 PM			-	-	ON LOCATION
9:30 PM			-	-	RUN 8 5/8 CASING
11:08 PM			-	-	CASING ON BOTTOM
11:20 PM			-	-	HOOK TO CASING, BREAK CIRCULATION WITH RIG
11:30 PM	5.0	170.0	86.0	86.0	MIX 400 SKS 60/40/2 POZMIX
12:01 AM				86.0	DROP PLUG
12:07 AM	2.0	100.0		86.0	START DISPLACEMENT
12:12 AM		130.0	23.5	109.5	PLUG DOWN, SHUT IN WELL
					CEMENT TO SURFACE
					JOB COMPLETE, THANK YOU!
					MIKE MATTAL
					KEVEN & BRYAN

CREW		UNIT	SUMMARY		
Cementer:	<b>MATTAL</b>	<b>912</b>	Average Rate	Average Pressure	Total Fluid
Pump Operator:	<b>LESLEY</b>	<b>176/522</b>	<b>3.5 bpm</b>	<b>133 psi</b>	<b>110 bbls</b>
Bulk #1:	<b>WHITFIELD</b>	<b>181/533</b>			
Bulk #2:					



TOM GARNER  
REGGIE 1



Job Started On: 08/03/2022 @ 8:21:23 AM



**OPERATOR**

Company: Tom Garner, Inc.  
 Address: 305 E. 7th Ave.  
 St. John, KS 67576

Contact Geologist:  
 Contact Phone Nbr: 620-793-0766  
 Well Name: Reggie #1  
 Location: Sec 22 - T25S - R13W  
 API: 15-185-24103-0000  
 Pool:  
 State: Kansas

Field: Unnamed  
 Country: USA



Scale 1:240 Imperial

Well Name: Reggie #1  
 Surface Location: Sec 22 - T25S - R13W  
 Bottom Location:  
 API: 15-185-24103-0000  
 License Number: 33406  
 Spud Date: 3/2/2022  
 Region: Stafford County  
 Drilling Completed: 3/8/2022  
 Surface Coordinates: 1662' FSL & 1248' FEL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1927.00ft  
 K.B. Elevation: 1940.00ft  
 Logged Interval: 3500.00ft  
 Total Depth: 4350.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type: Chemical/Fresh Water Gel

Time: 12:30 PM  
 Time: 8:40 PM  
 To: 4350.00ft

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: -98.73306  
 Latitude: 37.85862  
 N/S Co-ord: 1662' FSL  
 E/W Co-ord: 1248' 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: 3/2/2022  
 TD Date: 3/8/2022

Time: 12:30 PM  
 Time: 8:40 PM

**ELEVATIONS**

K.B. Elevation: 1940.00ft  
K.B. to Ground: 13.00ft

Ground Elevation: 1927.00ft

**NOTES**

After positive results of DST #3 and electrical log analysis, 5 1/2" production casing was set and cemented to further test the Simpson Sand through perforations and stimulation.

A Tooke Daq gas detection system operated by Sterling Drilling was employed during the drilling of this well. Gas data and ROP were imported into this log, as well as gamma and caliper curves from the Midwest Wireline log suite.

Respectfully submitted,  
Keith Reavis

# Thomas Garner, Inc.

## daily drilling report


DATE	7:00 AM DEPTH	REMARKS
03/05/2022	3574	Geologist Keith Reavis on location @845 hrs, 3600 ft, drilling ahead Douglas, Lansing, BKC, Marmaton, Conglomerate and Kinderhook
03/06/2022	4130	cfs samples, show in Conglomerate/Kinderhook warrant test, short trip, ctch, TOH, conduct and complete DST #1, successful test, resume drilling Kinderhook
03/07/2022	4220	Drill Viola, show warrants test. Conduct DST #2, successful test, back on bottom with bit, drill Simpson Sand, show warrants test, TOH
03/08/2022	4265	Conduct and complete DST #3, successful test. Back in hole w/bit, resume drilling, Simpson Shale and Arbuckle. TD 4350' 2040 hrs. CTCH, TOH.
03/09/2022	4350	Finish TOH, conduct logging operations, geologist off location 0500 hrs

# Thomas Garner, Inc.

## well comparison sheet

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Reggie #1					Garner - Petty Christie				Garner - Fisher 1-26			
1662' FSL & 1248' FEL					570' FNL & 410' FEL				2310' FNL & 725' FWL			
Sec 22-T25S-R13W					Sec 22-T25S-R13W				Sec 26-T25S-R13W			
1940 KB					1935 KB		Structural Relationship		1934 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	3514	-1574	3515	-1575	3481	-1546	-28	-29	3503	-1569	-5	-6
Douglas	3558	-1618	3557	-1617	3524	-1589	-29	-28	3548	-1614	-4	-3
Brown Lime	3664	-1724	3665	-1725	3635	-1700	-24	-25	3663	-1729	5	4
Lansing	3694	-1754	3695	-1755	3663	-1728	-26	-27	3693	-1759	5	4
Lansing H	3835	-1895	3836	-1896	3806	-1871	-24	-25	3834	-1900	5	4
BKC	3983	-2043	3984	-2044	3950	-2015	-28	-29	3984	-2050	7	6
Miss Chert	np				np				4100	-2166		
Kinderhook	4090	-2150	4091	-2151	4042	-2107	-43	-44	4128	-2194	44	43
Viola	4150	-2210	4152	-2212	4095	-2160	-50	-52	4142	-2208	-2	-4
Simpson Sand	4249	-2309	4249	-2309	4224	-2289	-20	-20	4239	-2305	-4	-4
Simpson Shale	4264	-2324	4264	-2324	4238	-2303	-21	-21	4262	-2328	4	4
Arbuckle	4300	-2360	4302	-2362	4298	-2363	3	1	4298	-2364	4	2
Total Depth	4350	-2410	4351	-2411	4335	-2400	-10	-11	4342	-2408	-2	-3

**Drill Stem Test #1**

	<b>DRILL STEM TEST REPORT</b>	
	Thomas Garner, Inc.	22/25/13
	305 E 7th Ave St. John, KS 67576	Reggie #1



St. John, KS 67576

ATTN: Keith Reavis

Job Ticket: 67881

DST#: 1

Test Start: 2022.03.06 @ 06:45:00

**GENERAL INFORMATION:**Formation: **Conglomerate**

Deviated: No Whipstock: 1938.00 ft (KB)

Time Tool Opened: 09:20:02

Time Test Ended: 16:16:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **4026.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Total Depth: 4130.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1938.00 ft (KB)

1927.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8672

Inside

Press@RunDepth: 72.41 psig @ 4027.00 ft (KB)

Start Date: 2022.03.06

End Date: 2022.03.06

Start Time: 06:45:01

End Time: 16:16:47

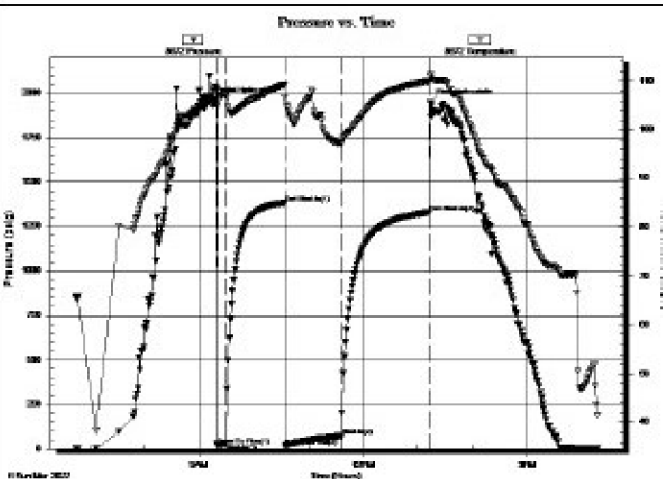
Capacity: psig

Last Calib.: 1899.12.30

Time On Btm: 2022.03.06 @ 09:16:02

Time Off Btm: 2022.03.06 @ 13:13:17

TEST COMMENT: IF: 10 min., BOB 3 min., strong building blow, 150 inches  
 IS: 60 min., no blow back  
 FF: 60 min., BOB ASAO, strong building blow, 45.5 inches  
 FS: 90 min., blow back in 1 min., GTS when vented, .5 inches

**PRESSURE SUMMARY**

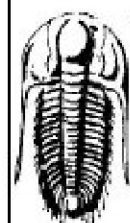
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1960.41	105.29	Initial Hydro-static
5	21.84	104.77	Open To Flow(1)
14	31.23	107.07	Shut-In(1)
78	1383.21	109.13	End Shut-In(1)
79	15.27	108.53	Open To Flow(2)
141	72.41	97.32	Shut-In(2)
237	1329.98	109.95	End Shut-In(2)
238	1949.28	111.02	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
60.00	oil spotted mud	0.30

**Gas Rates**

	Choke (Inches)	Pressure (psig)	Gas Rate (M dft)

**Drill Stem Test #2****TRILOBITE TESTING, INC.****DRILL STEM TEST REPORT**

Thomas Garner, Inc.

22/25/13

305 E 7th Ave  
St. John, KS 67576

Reggie #1

ATTN: Keith Reavis

Job Ticket: 67882

DST#: 2

Test Start: 2022.03.07 @ 08:12:00

**GENERAL INFORMATION:**Formation: **Viola**

Deviated: No Whipstock: 1938.00 ft (KB)

Time Tool Opened: 10:13:47

Time Test Ended: 14:10:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **4154.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Total Depth: 4220.00 ft (KB) (TVD)

Reference Elevations: 1938.00 ft (KB)

1927.00 ft (CF)



Hole Diameter: 7.80 inches -hole Condition: Good

KB to GR/CF: 11.00 ft

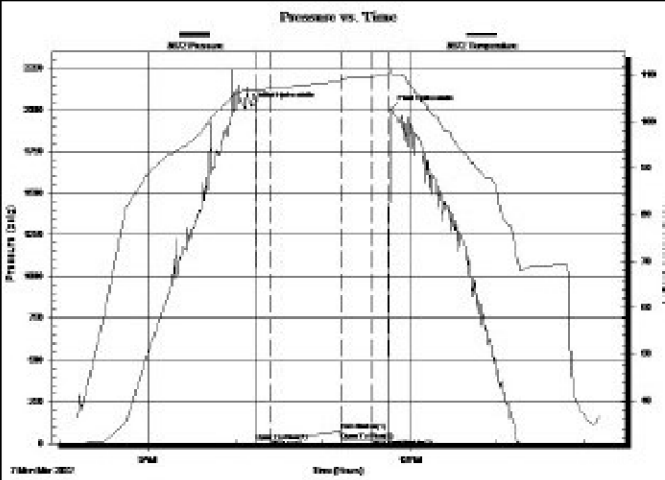
**Serial #: 8672**

**Inside**

Press@RunDepth: 23.25 psig @ 4155.00 ft (KB)  
 Start Date: 2022.03.07 End Date: 2022.03.07  
 Start Time: 08:12:00 End Time: 14:10:02

Capacity: psig  
 Last Calib.: 1899.12.30  
 Time On Btm: 2022.03.07 @ 10:11:32  
 Time Off Btm: 2022.03.07 @ 11:47:32

**TEST COMMENT:** IF: 10 min., weak surface blow , 4 inches  
 IS: 45 min., no blow back  
 FF: 20 min., weak surface blow , died 3 min.  
 FSI: 10 min., no blow back



**PRESSURE SUMMARY**

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.26	106.86	Initial Hydro-static
3	18.33	106.52	Open To Flow (1)
13	20.04	107.13	Shut-In(1)
61	74.04	108.72	End Shut-In(1)
62	19.84	108.73	Open To Flow(2)
83	23.25	109.77	Shut-In(2)
94	27.21	110.07	End Shut-In(2)
96	2009.55	110.40	Final Hydro-static


**Recovery**

Length (ft)	Description	Volume (bb)
5.00	100% M	0.02

**Gas Rates**

Choke (Inches)	Pressure (psig)	Gas Rate (M cfd)

**Drill Stem Test #3**



**TRILOBITE TESTING, INC.**

Thomas Garner, Inc. 22/25/13  
 305 E 7th Ave **Reggie #1**  
 St. John, KS 67576 Job Ticket: 67883 **DST#: 3**  
 ATTN: Keith Reavis Test Start: 2022.03.08 @ 00:43:00

**GENERAL INFORMATION:**

Formation: **Simpson Snd**  
 Deviated: No Whipstock 1938.00 ft (KB)  
 Time Tool Opened: 02:50:32  
 Time Test Ended: 09:13:02

Test Type: Conventional Bottom Hole (hits)  
 Tester: Chris Hagman  
 Unit No: 69

Interval: **4241.00 ft (KB) To 4265.00 ft (KB) (TVD)**  
 Total Depth: 4265.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches -hole Condition: Good

Reference Elevations: 1938.00 ft (KB)  
 1927.00 ft (CF)  
 KB to GR/CF: 11.00 ft

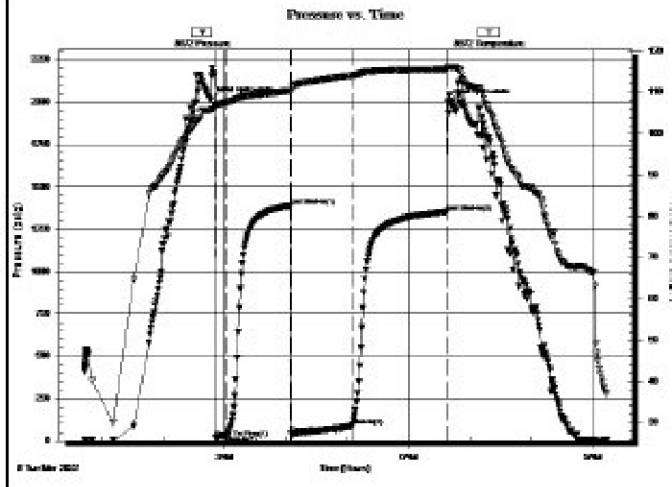
**Serial #: 8672**

**Inside**

Press@RunDepth: 84.17 psig @ 4242.00 ft (KB)  
 Start Date: 2022.03.08 End Date: 2022.03.08  
 Start Time: 00:43:01 End Time: 09:13:02

Capacity: psig  
 Last Calib.: 2022.03.08  
 Time On Btm: 2022.03.08 @ 02:46:02  
 Time Off Btm: 2022.03.08 @ 06:37:47

**TEST COMMENT:** IF: 10 min., fair building blow , 2.6 inches  
 IS: 60 min., no blow back  
 FF: 60 min., BOB 12 min., strong building blow , 48 inches



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.36	105.64	Initial Hydro-static
5	18.27	108.37	Open To Flow(1)
15	32.34	107.54	Shut-In(1)
79	1390.21	110.34	End Shut-In(1)
79	40.53	110.24	Open To Flow(2)
138	84.17	114.01	Shut-In(2)
231	1353.84	115.60	End Shut-In(2)
232	1998.81	116.00	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bb)
60.00	gassy muddy oil 10%M,30%O,60%G	0.30
120.00	oily mud 40%O,60%M	0.59

**Gas Rates**

	Choke (Inches)	Pressure (psig)	Gas Rate (M dscf)

**ROCK TYPES**

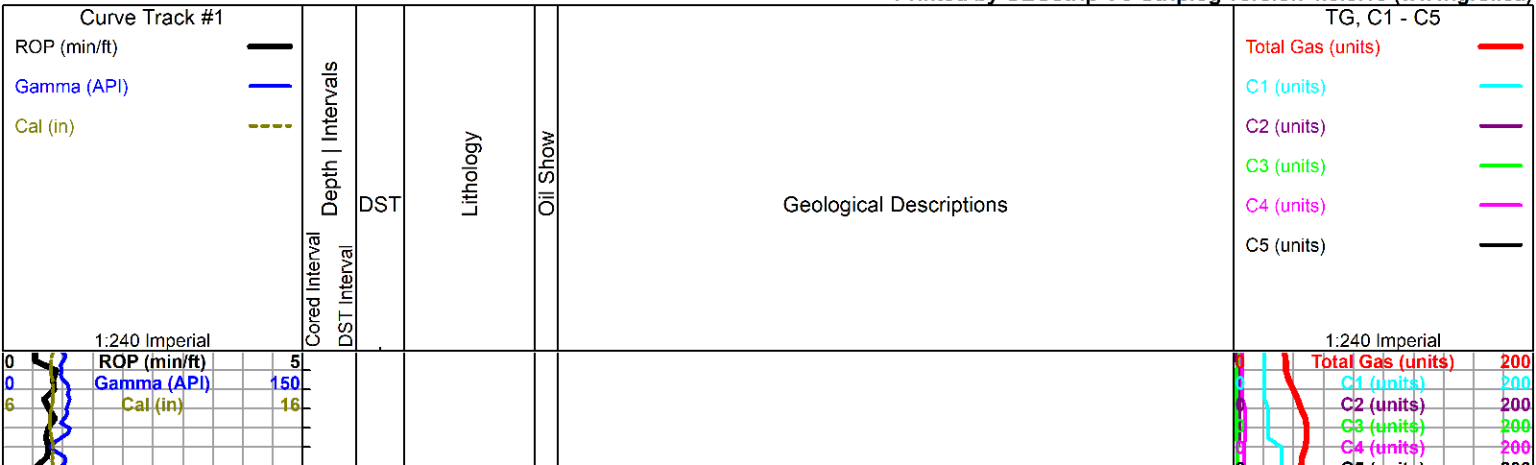
Cht	Lmst fw<7	shale, gry	Ss
Cht vari	Lmst fw>7	Carbon Sh	
Dolprim	shale, grn	shale, red	

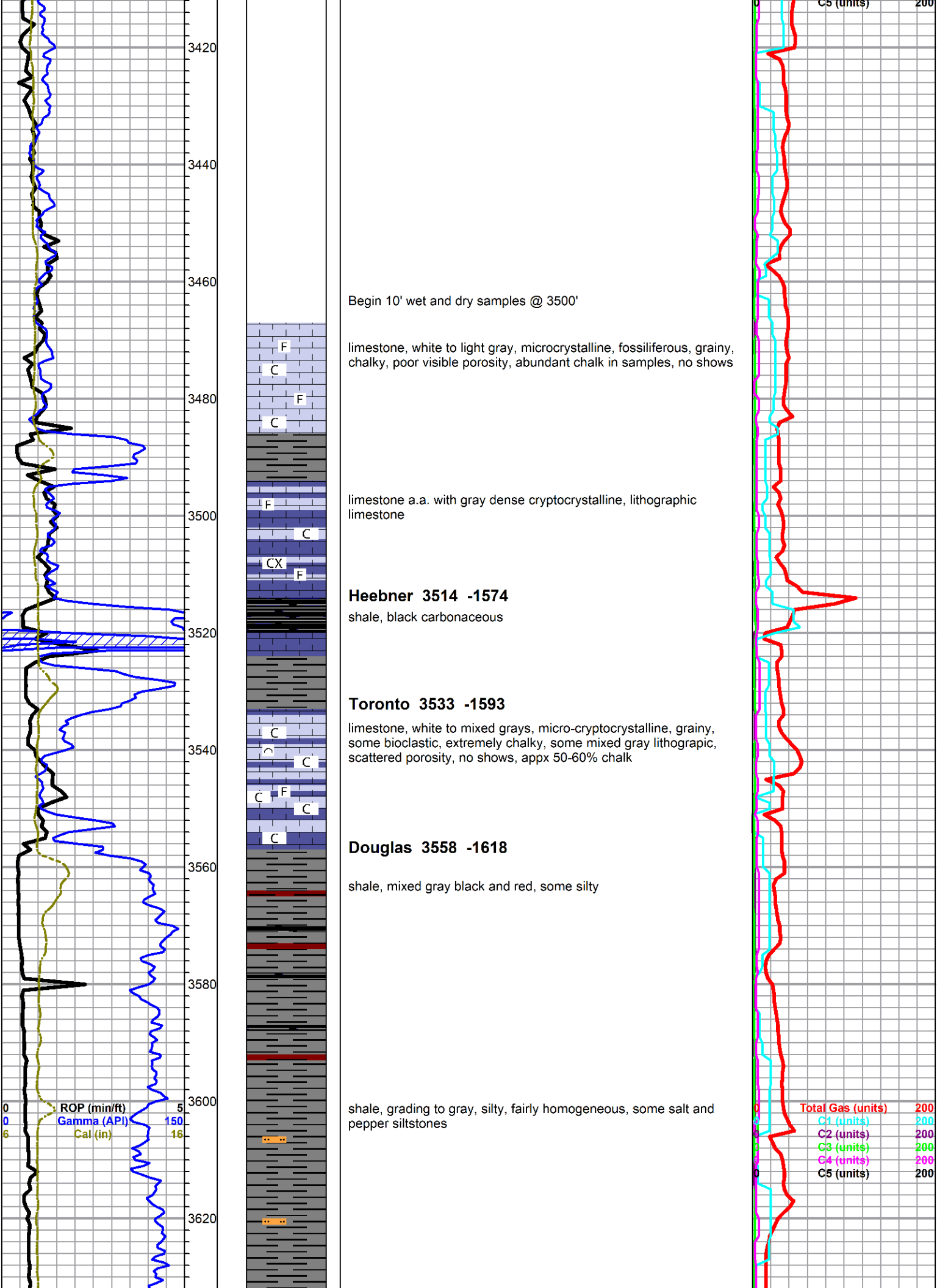
**ACCESSORIES**

<b>MINERAL</b>	<b>FOSSIL</b>	<b>STRINGER</b>	<b>TEXTURE</b>
▲ Chert, dark	∩ Bioclastic or Fragments	● Sandstone	C Chalky
× Mineral Crystals	F Fossils < 20%	● Siltstone	CX Cryptocrystalline
P Pyrite	⊕ Oolite		L Lithogr
• Sandy	⊗ Pellets		
△ Chert White	⊙ Oomoldic		

**OTHER SYMBOLS**

<b>Oil Show</b>	<b>DST</b>
● Good Show	■ DST Int
● Fair Show	■ DST alt
● Poor Show	■ Core
○ Spotted or Trace	tail pipe
○ Questionable Stn	
D Dead Oil Stn	
■ Fluorescence	
* Gas	





Begin 10' wet and dry samples @ 3500'

limestone, white to light gray, microcrystalline, fossiliferous, grainy, chalky, poor visible porosity, abundant chalk in samples, no shows

limestone a.a. with gray dense cryptocrystalline, lithographic limestone

**Heebner 3514 -1574**  
shale, black carbonaceous

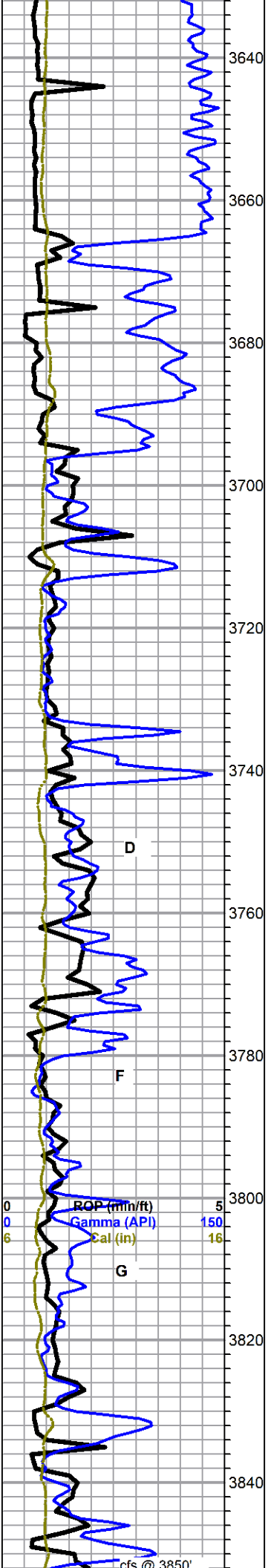
**Toronto 3533 -1593**  
limestone, white to mixed grays, micro-cryptocrystalline, grainy, some bioclastic, extremely chalky, some mixed gray lithographic, scattered porosity, no shows, appx 50-60% chalk

**Douglas 3558 -1618**  
shale, mixed gray black and red, some silty

shale, grading to gray, silty, fairly homogeneous, some salt and pepper siltstones

Total Gas (units) 200  
 C1 (units) 200  
 C2 (units) 200  
 C3 (units) 200  
 C4 (units) 200  
 C5 (units) 200

ROP (min/ft) 5  
 Gamma (API) 150  
 Cal (in) 16



a.a.

**Brown Lime 3664 -1724**

limestone, brown to gray, cryptocrystalline, dense fossiliferous, no shows

shale and siltstone a.a.

**Lansing 3684 -1754**

limestone, cream to gray, crypto-microcrystalline, lithographic to pelletal and fossiliferous, chalky in part, poor visible porosity, no shows

limestone, mixed brown to gray and white, some mottled, fossiliferous to lithographic, chalky to dense, poor visible porosity, no shows

limestone, white to light gray, microcrystalline, grainy fossiliferous, chalky, no shows

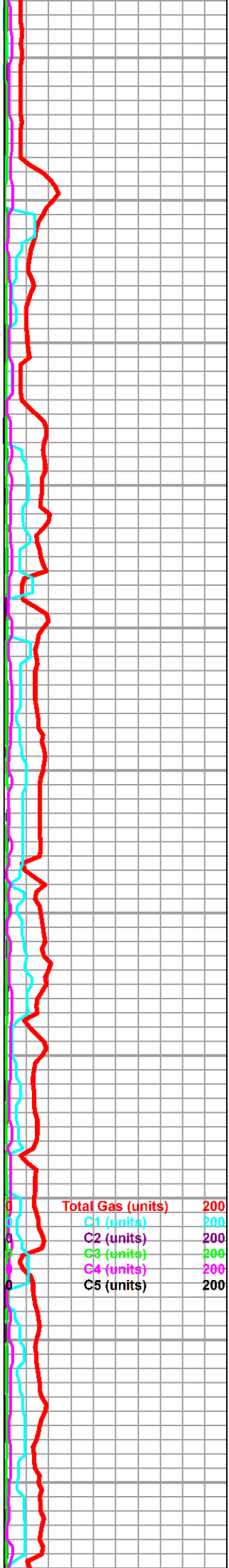
a.a. with some darker dense cryptocrystalline and gray mottled pelletal limestone

limestone, mixed, chalky, weathered, fossiliferous, some scattered fine oolitic, abundant chalk, poor visible porosity, no shows

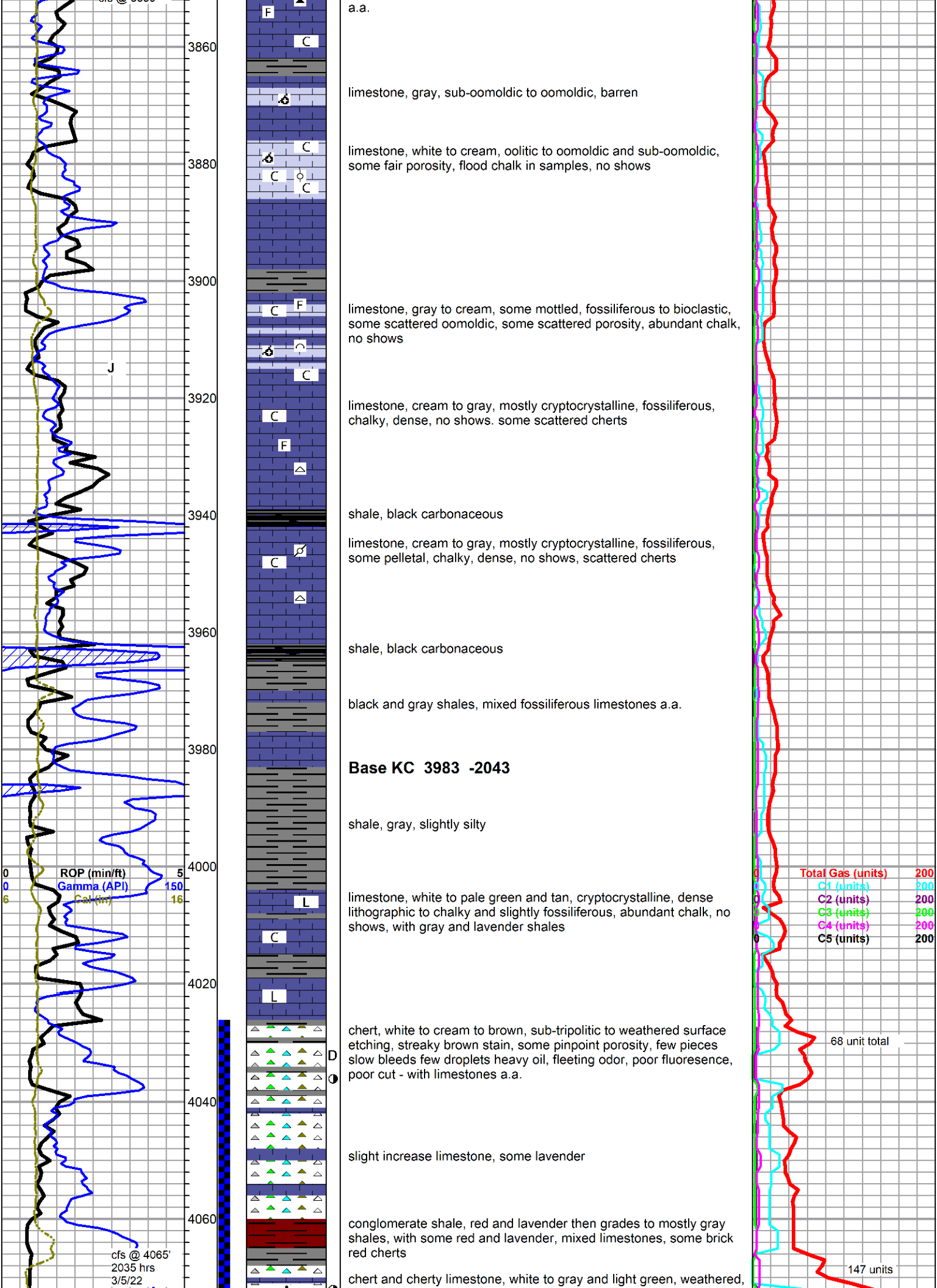
limestone, gray to cream and white, fossiliferous to bioclastic, abundant cryptocrystalline, lithographic mixed in, very abundant chalk in samples, no shows

limestone, white to cream, microcrystalline, sub-oomoldic, poor visible porosity, abundant gray chert, no shows

limestone, variable gray, mostly cryptocrystalline, fossiliferous, some chalky in part, poor visible porosity, with cream chalky fossiliferous, no shows, some scattered cherts







a.a.

3860

limestone, gray, sub-oomoldic to oomoldic, barren

3880

limestone, white to cream, oolitic to oomoldic and sub-oomoldic, some fair porosity, flood chalk in samples, no shows

3900

limestone, gray to cream, some mottled, fossiliferous to bioclastic, some scattered oomoldic, some scattered porosity, abundant chalk, no shows

3920

limestone, cream to gray, mostly cryptocrystalline, fossiliferous, chalky, dense, no shows. some scattered cherts

3940

shale, black carbonaceous

3960

limestone, cream to gray, mostly cryptocrystalline, fossiliferous, some pelletal, chalky, dense, no shows, scattered cherts

3980

shale, black carbonaceous

black and gray shales, mixed fossiliferous limestones a.a.

**Base KC 3983 -2043**

4000

shale, gray, slightly silty

4020

limestone, white to pale green and tan, cryptocrystalline, dense lithographic to chalky and slightly fossiliferous, abundant chalk, no shows, with gray and lavender shales

4040

chert, white to cream to brown, sub-tripolitic to weathered surface etching, streaky brown stain, some pinpoint porosity, few pieces slow bleeds few droplets heavy oil, fleeting odor, poor fluorescence, poor cut - with limestones a.a.

4060

slight increase limestone, some lavender

conglomerate shale, red and lavender then grades to mostly gray shales, with some red and lavender, mixed limestones, some brick red cherts

chert and cherty limestone, white to gray and light green, weathered,

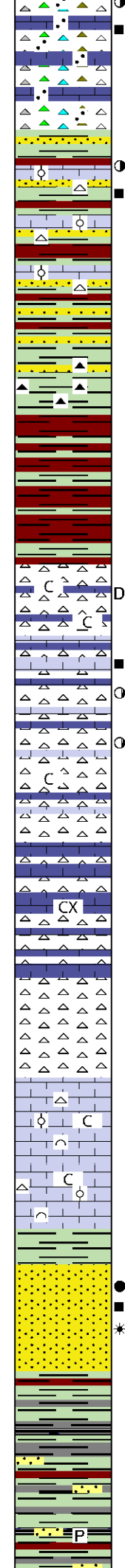
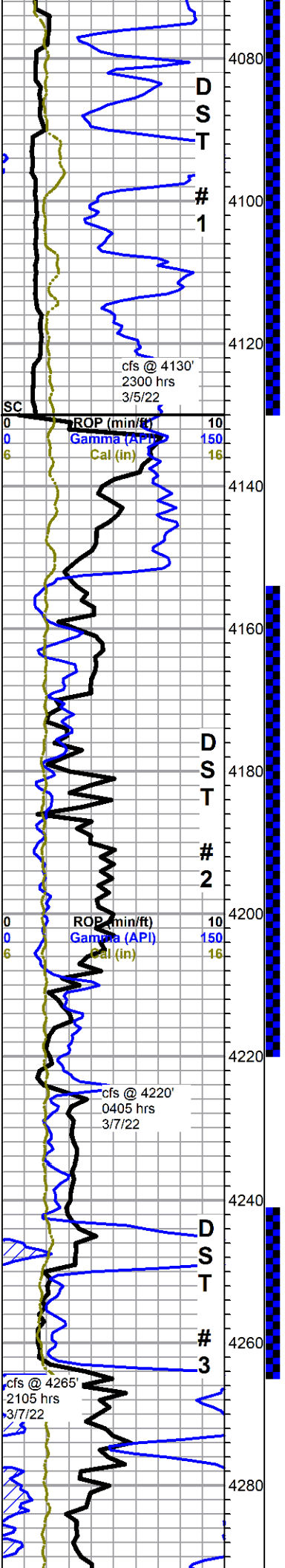
ROP (min/ft) 5  
Gamma (API) 150  
Cal (in) 16

Total Gas (units) 200  
C1 (units) 200  
C2 (units) 200  
C3 (units) 200  
C4 (units) 200  
C5 (units) 200

68 unit total

147 units

cfs @ 4065'  
2035 hrs  
3/5/22



rotten, friable, in part, some glauconitic sandstone inclusions, dead black staining, no odor or free oil, few scattered specimens with good fluorescence, poor cut - 4120 sample, influx yellow and orange cherts

**Kinderhook 4090 -2150**

4130 sample, influx some fresh tan, white and light gray chert, trace stain

30 min sample: flood shale, green and maroon, some dense and limey, with limestone, oolitic, black stained oolites with white matrix, no free oil, poor fluorescence, good halo with streaming cut, sandstone, black stained, quartz, poorly sorted, round to angular, well cemented, no free oil, poor fluorescence, slow streaming cut, cherts, light gray translucent, one good stained, instant halo with fair cut

1 hr sample, a.a. with slight increase in sand clusters, influx black cherts

maroon and green shales, mostly maroon

**Viola 4150 -2210**

chert, light gray to white, opaque to translucent, sharp, fresh, few pieces tripolitic edges with dead brown stain, white cryptocrystalline limestones, dense, abundant chalk, no odor or free oil

flood chert boney white with fossiliferous cream to light gray, mostly fresh and sharp, few specimens with stained fractures, tan grainy limestone, barren, some dirty gray shale, free oil in tray, no odor, cherts have good fluorescence

cherts a.a., mostly barren, still carrying very little limestone, chalk has fallen out, fair fluorescence, no free oil or odor

4210 sample same cherts, increase in limestones

chert, white to cream and pale gray/green, sharp, fresh, limestone, dolomitic, white to cream to pale gray/green, mostly cryptocrystalline, dense, no shows, appx 50/50 mix

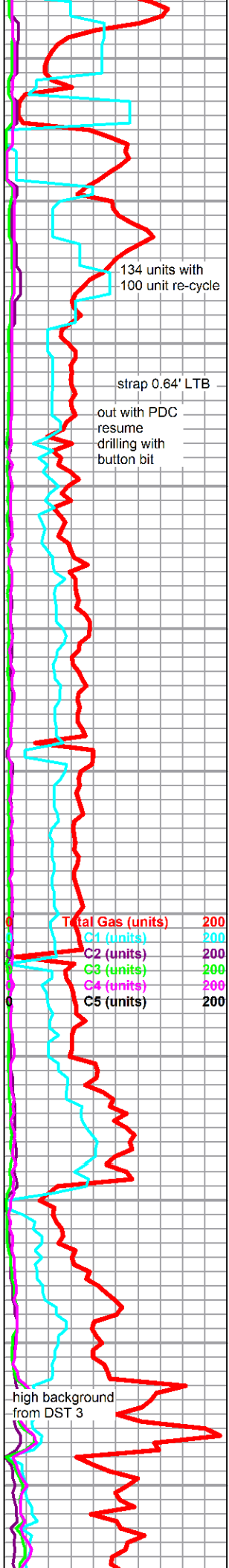
grades back to cherts a.a.

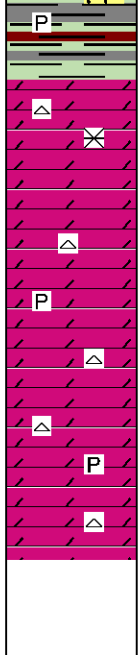
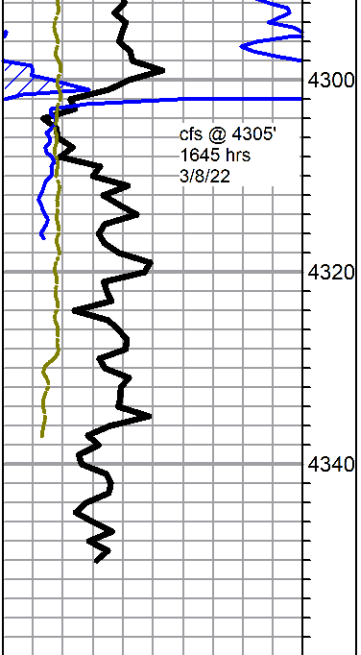
limestone, white to yellow tinted cream to pale green, chalky, flattened oolitic to bioclastic, pale green shales and chert, some white barren tripolitic cherts, no shows

**Simpson Sand 4249 -2309**

sandstone, cream, quartz, very fine grain, sub-sucrosic, round to angular, well sorted, fairly homogeneous, dolomitic, well cemented to friable, good to fair intergrain porosity, light brown stain, good show bleeding free oil, gassy, good odor, bright white fluorescence, streaming cut with instant bright white bloom on break

shales, gray, red and green, some black, with bedded sandstones, quartz, micaceous salt and pepper, pyritic, no shows



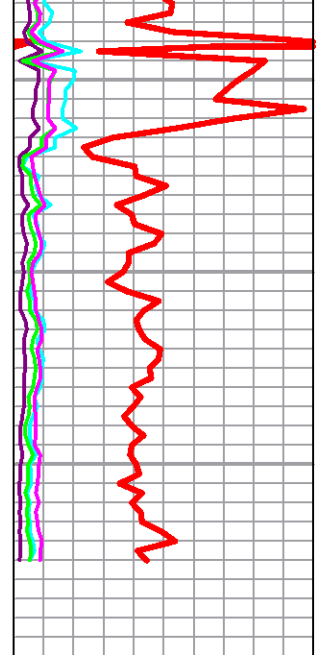


**Arbuckle 4300 -2360**

dolomite, mix, mostly light gray, with tan, gray and pink, mostly microcrystalline, dense, sub-rhombic, with some cryptocrystalline lithographic, some oomoldic, scattered boney white chert, some scattered quartz crystals with choncoidal fracturing, no odor or show

mixed dolomites a.a. except oomoldic drops out, increase in chert white chert, some scattered orange chert and pyrite nodules

Rotary TD 4350' 2040 hrs 3/8/22  
 Midwest Wireline TD 4351'  
 Complete logging operations 0430 hrs 3/9/22





## DRILL STEM TEST REPORT

Prepared For: **Thomas Garner, Inc.**

305 E 7th Ave  
St. John, KS 67576

ATTN: Keith Reavis

### **Reggie #1**

#### **22-25s-13w Stafford,KS**

Start Date: 2022.03.06 @ 06:45:00

End Date: 2022.03.06 @ 16:16:47

Job Ticket #: 67881                      DST #: 1

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

Printed: 2022.03.11 @ 10:31:16



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67881

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2022.03.06 @ 06:45:00

## GENERAL INFORMATION:

Formation: **Congl/Kinderhood**

Deviated: No Whipstock: 1938.00 ft (KB)

Time Tool Opened: 09:20:02

Time Test Ended: 16:16:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

**Interval: 4026.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Reference Elevations: 1938.00 ft (KB)

Total Depth: 4130.00 ft (KB) (TVD)

1927.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8672**

**Inside**

Press@RunDepth: 72.41 psig @ 4027.00 ft (KB)

Capacity: psig

Start Date: 2022.03.06

End Date: 2022.03.06

Last Calib.: 2022.03.06

Start Time: 06:45:01

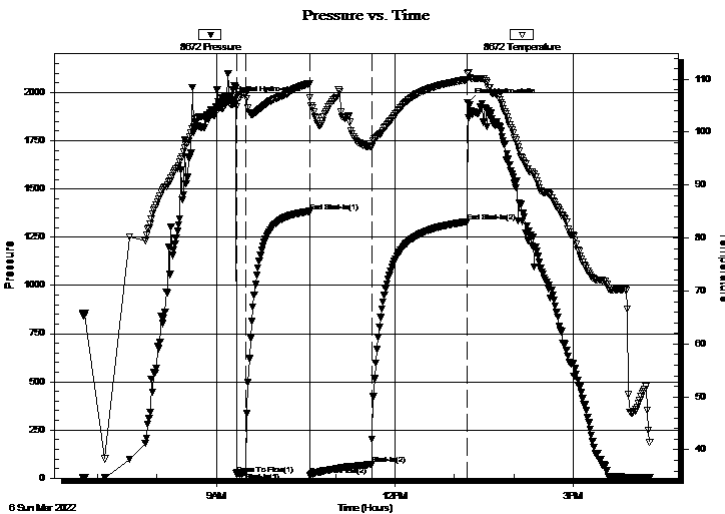
End Time: 16:16:47

Time On Btm: 2022.03.06 @ 09:16:02

Time Off Btm: 2022.03.06 @ 13:13:17

**TEST COMMENT:** IF: 10 min., BOB 3 min., strong building blow , 150 inches  
IS: 60 min., no blow back  
FF: 60 min., BOB ASAO, stgrong building blow , 45.5 inches  
FS: 90 min, blow back in 1 min., GTS w hen vented, .5 inches

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1960.41	105.29	Initial Hydro-static
5	21.84	104.77	Open To Flow (1)
14	31.23	107.07	Shut-In(1)
78	1383.21	109.13	End Shut-In(1)
79	15.27	106.53	Open To Flow (2)
141	72.41	97.32	Shut-In(2)
237	1329.98	109.95	End Shut-In(2)
238	1949.28	111.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	oil spotted mud	0.30

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67881

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2022.03.06 @ 06:45:00

## Tool Information

Drill Pipe:	Length: 3795.00 ft	Diameter: 3.80 inches	Volume: 53.23 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 54.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4026.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	131.00 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			4004.00	
Hydraulic tool	5.00			4009.00	
Jars	5.00			4014.00	
Safety Joint	3.00			4017.00	
Packer	5.00			4022.00	27.00 Bottom Of Top Packer
Packer	4.00			4026.00	
Stubb	1.00			4027.00	
Recorder	0.00	8672	Inside	4027.00	
Recorder	0.00	6751	Outside	4027.00	
Pickup sub perf	5.00			4032.00	
Change Over Sub	1.00			4033.00	
Drill Pipe	93.00			4126.00	
Change Over Sub	1.00			4127.00	
Bullnose	3.00			4130.00	104.00 Bottom Packers & Anchor

**Total Tool Length: 131.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67881

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2022.03.06 @ 06:45:00

## 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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	oil spotted mud	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

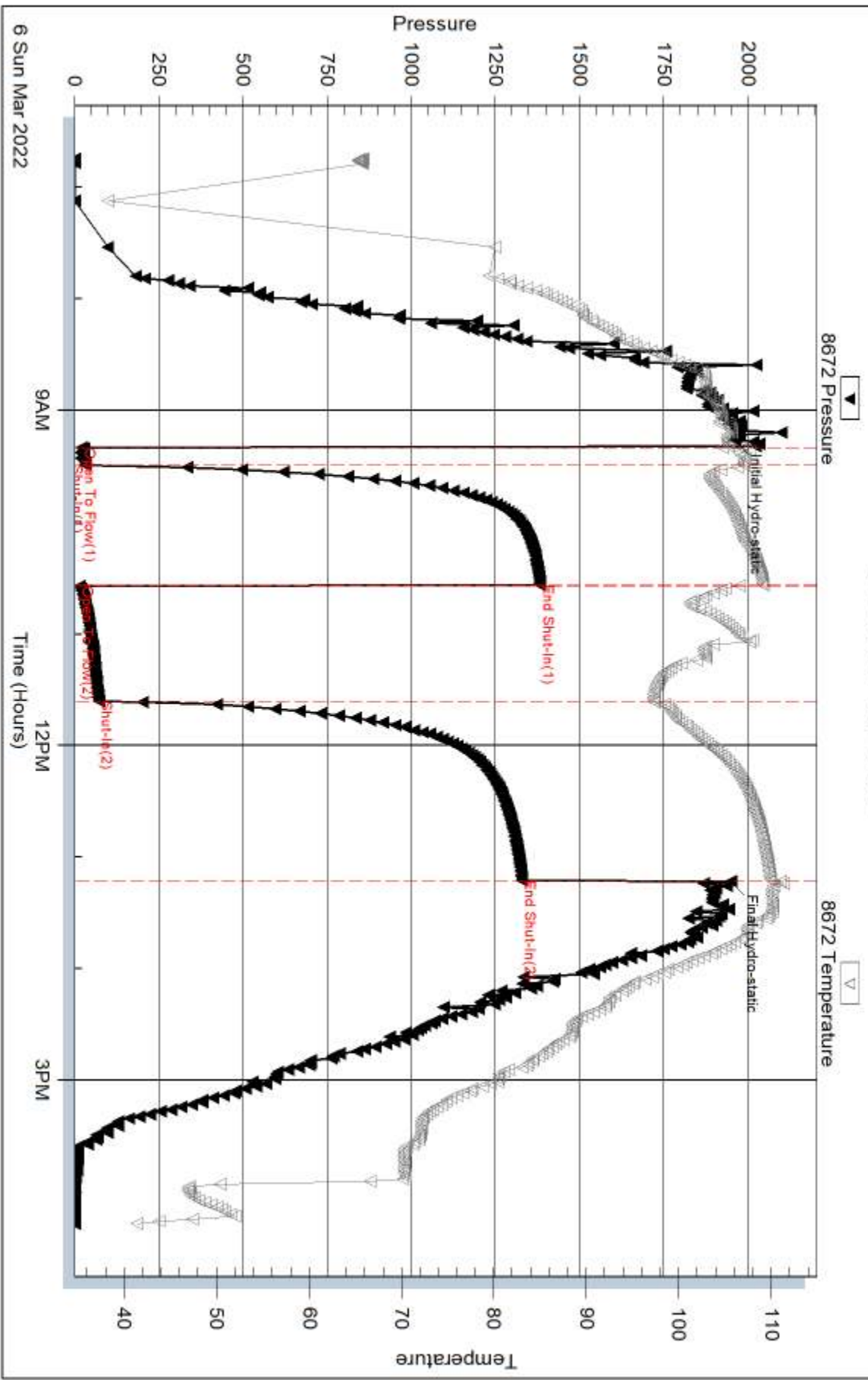
Serial #:

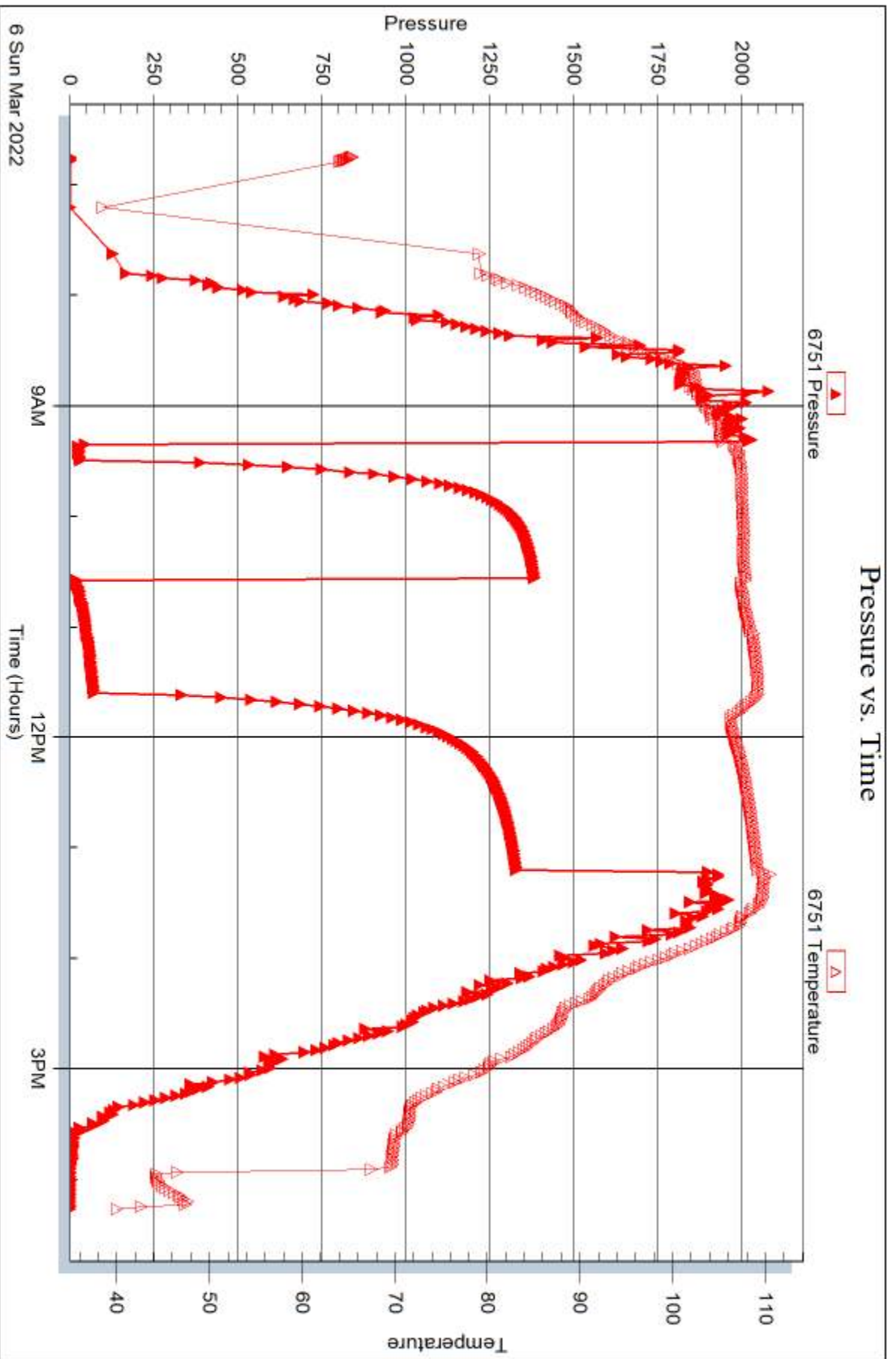
Laboratory Name:

Laboratory Location:

Recovery Comments: 3948' GIP

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Thomas Garner, Inc.**

305 E 7th Ave  
St. John, KS 67576

ATTN: Keith Reavis

### **Reggie #1**

#### **22-25s-13w Stafford,KS**

Start Date: 2022.03.07 @ 08:12:00

End Date: 2022.03.07 @ 14:10:02

Job Ticket #: 67882                      DST #: 2

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

Printed: 2022.03.11 @ 10:30:49

Thomas Garner, Inc. 22-25s-13w Stafford,KS Reggie #1 DST # 2 Viola 2022.03.07



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**22-25s-13w Stafford, KS**

**Reggie #1**

Job Ticket: 67882

**DST#: 2**

Test Start: 2022.03.07 @ 08:12:00

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: 1938.00 ft (KB)

Time Tool Opened: 10:13:47

Time Test Ended: 14:10:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

**Interval: 4154.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Reference Elevations: 1938.00 ft (KB)

Total Depth: 4220.00 ft (KB) (TVD)

1927.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8672**

**Inside**

Press@RunDepth: 23.25 psig @ 4155.00 ft (KB)

Capacity: psig

Start Date: 2022.03.07

End Date:

2022.03.07

Last Calib.:

2022.03.07

Start Time:

08:12:01

End Time:

14:10:02

Time On Btm:

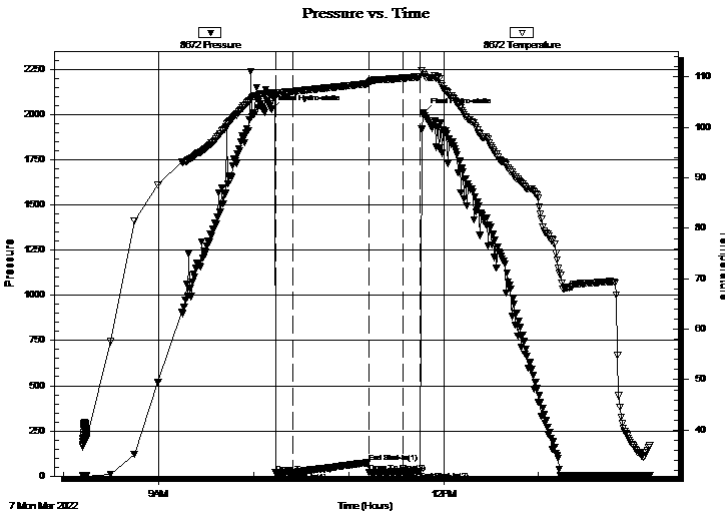
2022.03.07 @ 10:11:32

Time Off Btm:

2022.03.07 @ 11:47:32

**TEST COMMENT:** IF: 10 min., weak surface blow, .4 inches  
IS: 45 min., no blow back  
FF: 20 min., weak surface blow, died 3 min.  
FS: 10 min., no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.26	106.86	Initial Hydro-static
3	18.33	106.52	Open To Flow (1)
13	20.04	107.13	Shut-In(1)
61	74.04	108.72	End Shut-In(1)
62	19.84	108.73	Open To Flow (2)
83	23.25	109.77	Shut-In(2)
94	27.21	110.07	End Shut-In(2)
96	2009.55	110.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% M	0.02

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67882

**DST#: 2**

ATTN: Keith Reavis

Test Start: 2022.03.07 @ 08:12:00

## Tool Information

Drill Pipe:	Length: 3918.00 ft	Diameter: 3.80 inches	Volume: 54.96 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 56.01 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4154.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.00 ft				
Tool Length:	96.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4129.00	
Hydraulic tool	5.00			4134.00	
Isolator Sub	3.00			4137.00	
Jars	5.00			4142.00	
Safety Joint	3.00			4145.00	
Packer	5.00			4150.00	30.00 Bottom Of Top Packer
Packer	4.00			4154.00	
Stubb	1.00			4155.00	
Recorder	0.00	8672	Inside	4155.00	
Recorder	0.00	6751	Outside	4155.00	
Pickup sub perf	5.00			4160.00	
Perforations	23.00			4183.00	
Change Over Sub	1.00			4184.00	
Drill Pipe	32.00			4216.00	
Change Over Sub	1.00			4217.00	
Bullnose	3.00			4220.00	66.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>96.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67882

**DST#: 2**

ATTN: Keith Reavis

Test Start: 2022.03.07 @ 08:12:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

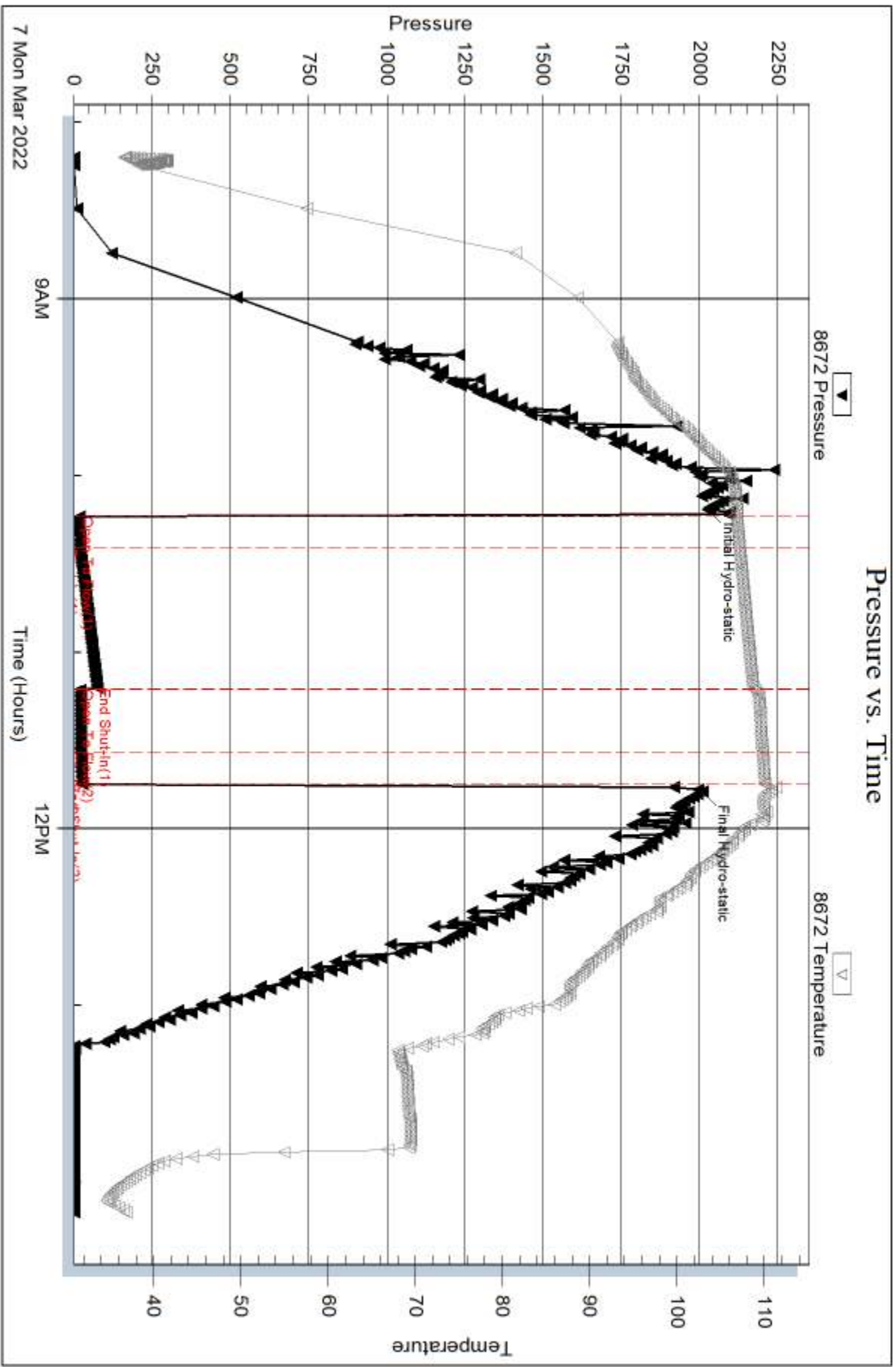
Serial #: 8672

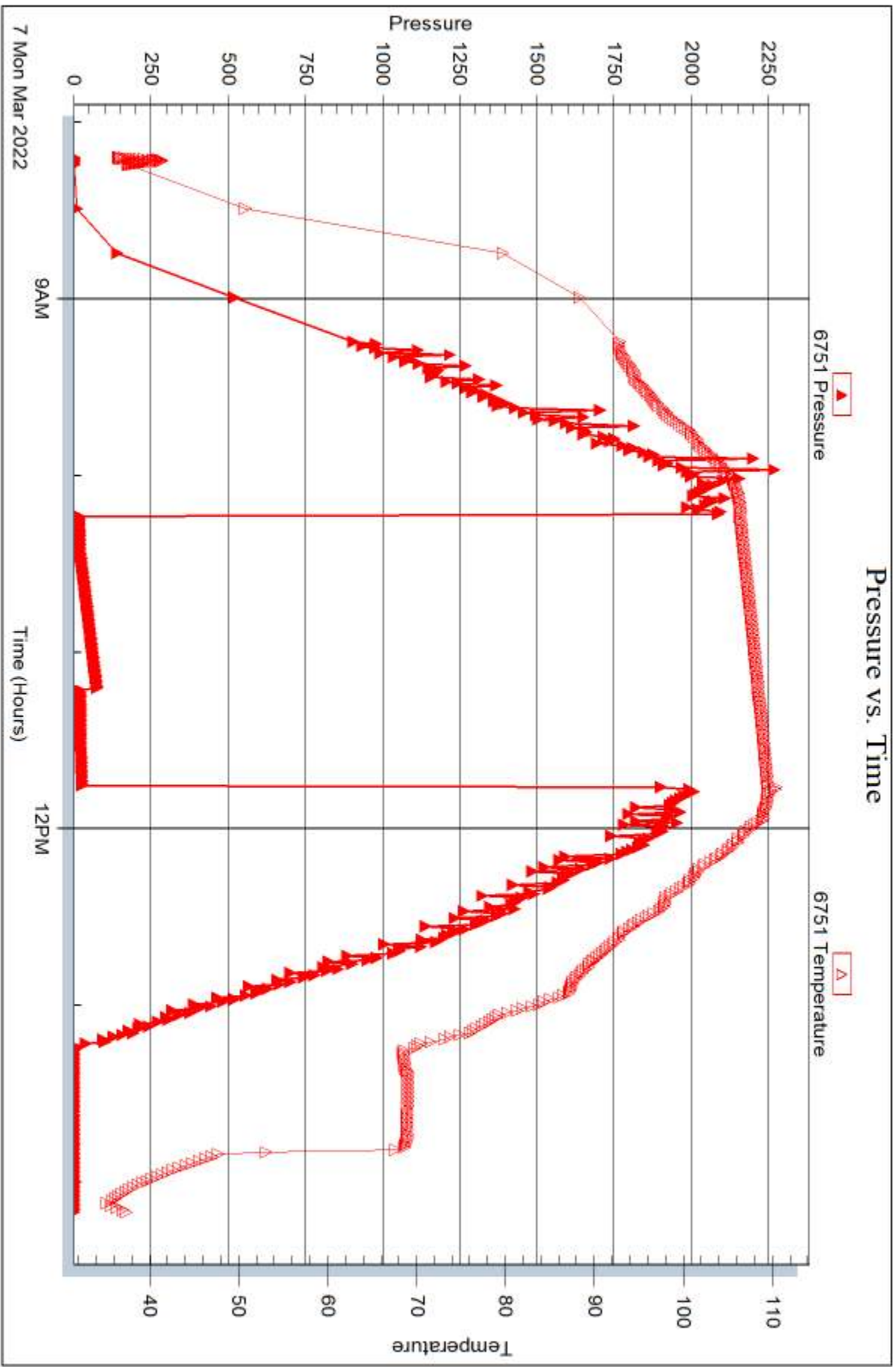
Inside

Thomas Garner, Inc.

Reggie #1

DST Test Number: 2







## DRILL STEM TEST REPORT

Prepared For: **Thomas Garner, Inc.**

305 E 7th Ave  
St. John, KS 67576

ATTN: Keith Reavis

### **Reggie #1**

#### **22-25s-13w Stafford,KS**

Start Date: 2022.03.08 @ 00:43:00

End Date: 2022.03.08 @ 09:13:02

Job Ticket #: 67883                      DST #: 3

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

Printed: 2022.03.11 @ 10:30:17



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

**22-25s-13w Stafford, KS**

**Reggie #1**

Job Ticket: 67883

**DST#: 3**

Test Start: 2022.03.08 @ 00:43:00

## GENERAL INFORMATION:

Formation: **Simpson Snd**

Deviated: No Whipstock: 1938.00 ft (KB)

Time Tool Opened: 02:50:32

Time Test Ended: 09:13:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

**Interval: 4241.00 ft (KB) To 4265.00 ft (KB) (TVD)**

Reference Elevations: 1938.00 ft (KB)

Total Depth: 4265.00 ft (KB) (TVD)

1927.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8672**

**Inside**

Press@RunDepth: 84.17 psig @ 4242.00 ft (KB)

Capacity: psig

Start Date: 2022.03.08

End Date: 2022.03.08

Last Calib.: 2022.03.08

Start Time: 00:43:01

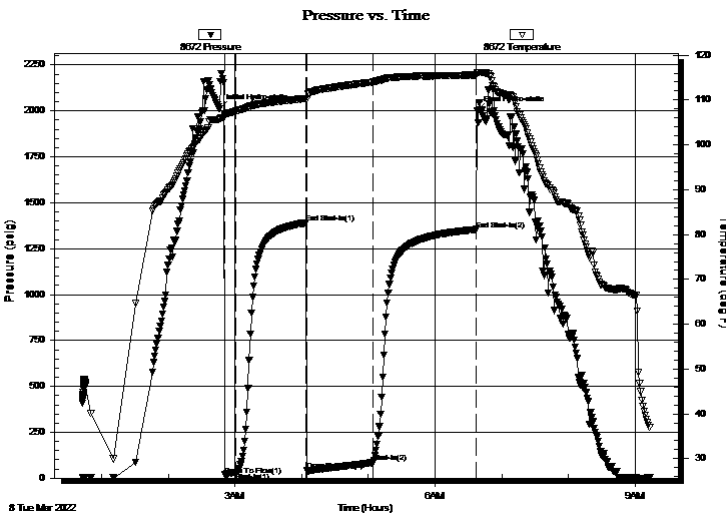
End Time: 09:13:02

Time On Btm: 2022.03.08 @ 02:46:02

Time Off Btm: 2022.03.08 @ 06:37:47

**TEST COMMENT:** IF: 10 min., fair building blow , 2.6 inches  
 IS: 60 min., no blow back  
 FF: 60 min., BOB 12 min., strong building blow , 48 inches  
 FS: 90 min., no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.36	105.64	Initial Hydro-static
5	18.27	106.37	Open To Flow (1)
15	32.34	107.54	Shut-In(1)
79	1390.21	110.34	End Shut-In(1)
79	40.53	110.24	Open To Flow (2)
138	84.17	114.01	Shut-In(2)
231	1353.84	115.60	End Shut-In(2)
232	1998.81	116.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	gassy muddy oil 10%M,30%O,60%G	0.30
120.00	oily mud 40%O,60%M	0.59

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67883

**DST#: 3**

ATTN: Keith Reavis

Test Start: 2022.03.08 @ 00:43:00

## Tool Information

Drill Pipe:	Length: 4016.00 ft	Diameter: 3.80 inches	Volume: 56.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4241.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			4219.00	
Hydraulic tool	5.00			4224.00	
Jars	5.00			4229.00	
Safety Joint	3.00			4232.00	
Packer	5.00			4237.00	27.00 Bottom Of Top Packer
Packer	4.00			4241.00	
Stubb	1.00			4242.00	
Recorder	0.00	8672	Inside	4242.00	
Recorder	0.00	6751	Outside	4242.00	
Pickup sub perf	5.00			4247.00	
Perforations	15.00			4262.00	
Bullnose	3.00			4265.00	24.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Thomas Garner, Inc.

**22-25s-13w Stafford,KS**

305 E 7th Ave  
St. John, KS 67576

**Reggie #1**

Job Ticket: 67883

**DST#: 3**

ATTN: Keith Reavis

Test Start: 2022.03.08 @ 00:43:00

## 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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

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 bbl
60.00	gassy muddy oil 10%M,30%O,60%G	0.295
120.00	oily mud 40%O,60%M	0.590

Total Length: 180.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 0

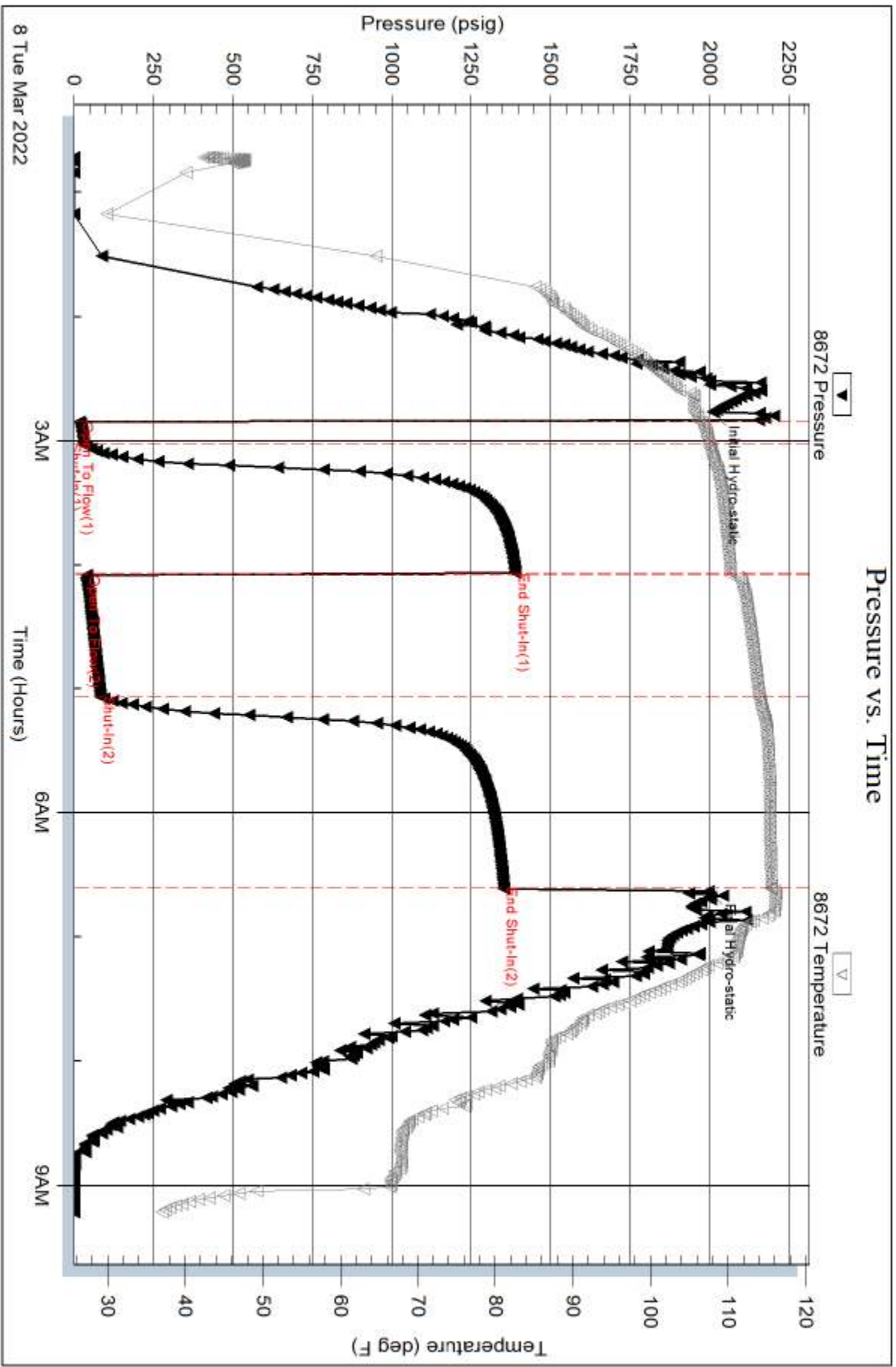
Num Gas Bombs: 0

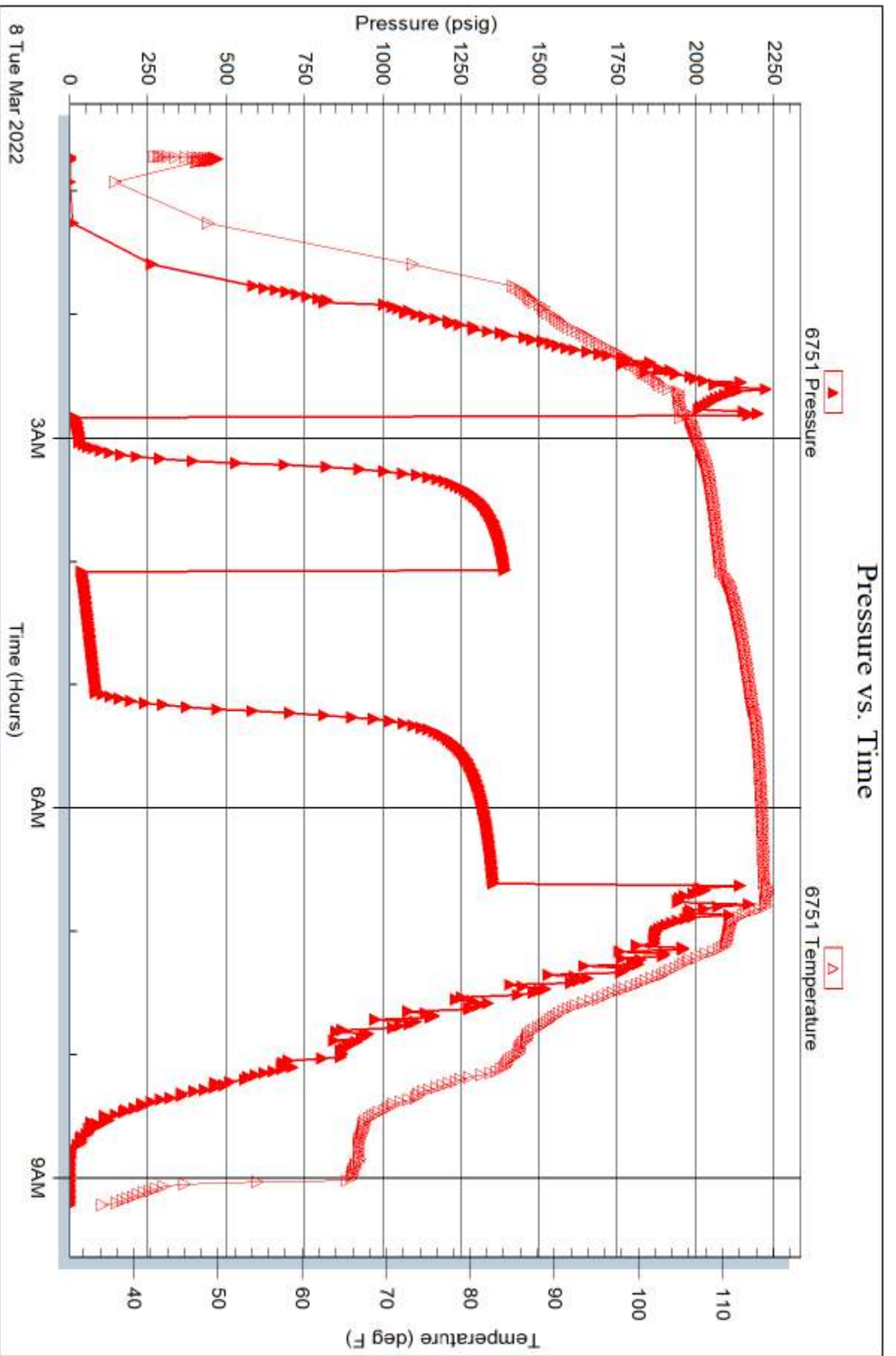
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 310' GIP







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 67881

Well Name & No. Reggie #1 Test No. 1 Date 3-6-22  
 Company Thomas Garner, Inc. Elevation 1938 KB 1927 GL  
 Address 305 E 7th Ave St. John, KS 67576  
 Co. Rep / Geo. Keith Reavis Rig Stearling #5  
 Location: Sec. 22 Twp 25 Rge. 13 Co. Stafford State KS

Interval Tested 4026-4130 Zone Tested Congl / Kinderhook  
 Anchor Length 104 Drill Pipe Run 3795 Mud Wt. 9.0  
 Top Packer Depth 4021 Drill Collars Run 213 Vis 54  
 Bottom Packer Depth 4026 Wt. Pipe Run N.A. WL 8.8  
 Total Depth 4130 Chlorides 3,000 ppm System LCM 2.2

Blow Description IF: 10 min, BOB 3 min, string building blow, 150 inches  
TS: 60 min, No blow back  
FF: 60 min, BOB ASAO, string building blow 45.5 lbs  
FST: 90 min, Blow back 1 min, GTS when vented, .5 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>oil spotted mud</u>	<u>Spot</u>		<u>100</u>	
	<u>3948' GTP</u>				

Rec Total 60 BHT 110 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1960  Test conv. 1450 T-On Location 0330  
 (B) First Initial Flow 22  Jars 250 T-Started 0700  
 (C) First Final Flow 31  Safety Joint 75 T-Open 0920  
 (D) Initial Shut-In 1383  Circ Sub \_\_\_\_\_ T-Pulled 1300  
 (E) Second Initial Flow 15  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 72  Mileage 25 31.25 Comments Out on @ 0645  
 (G) Final Shut-In 1330  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1949  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1806.25 MP/DST Disc't \_\_\_\_\_

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

Sub Total 0  
 Total 1806.25

Approved By \_\_\_\_\_ Our Representative Chris Hegran  
 TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.  
 785-656-3947





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 67882

Well Name & No. Reggie #1 Test No. 2 Date 3-7-22  
 Company Thomas Garver, Inc. Elevation 1938 KB 1927 GL  
 Address 305 E 7th Ave St John, KS 67596  
 Co. Rep / Geo. Keith Reavis Rig Sterling #5  
 Location: Sec. 22 Twp 2S Rge. 13 Co. Stafford State KS

Interval Tested ~~4020-4220~~ 4154-4220 Zone Tested Viola  
 Anchor Length 66 Drill Pipe Run 3918 Mud Wt. 9.0  
 Top Packer Depth ~~4129~~ 4149 Drill Collars Run 213 Vis 54  
 Bottom Packer Depth ~~4021~~ 4154 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4220 Chlorides 3,000 ppm System LCM 2<sup>nd</sup>

Blow Description IF: 10 min., weak surface flow, .4 inches  
ISB: 45 min., no flow back  
FP: 20 min., weak surface, flow died 3 min.  
FSI: 10 min., no flow back

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

Rec Total 5 BHT 110 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2025  Test com. 1450 T-On Location 0730  
 (B) First Initial Flow 18  Jars 250 T-Started 0815  
 (C) First Final Flow 20  Safety Joint 75 T-Open 1015  
 (D) Initial Shut-In 74  Circ Sub \_\_\_\_\_ T-Pulled 1140  
 (E) Second Initial Flow ~~20~~ 20  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 23  Mileage 25 31.25 Comments lets on @ 0811  
 (G) Final Shut-In 27  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2010  Straddle \_\_\_\_\_  EM Tool \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 10  Day Standby \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Accessibility \_\_\_\_\_ Total 1806.25  
 Final Flow 20 Sub Total 1806.25 MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 10

Approved By \_\_\_\_\_ Our Representative Chris Hegman  
 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. **67883**

Well Name & No. Reggie #1 Test No. 3 Date 3-8-22  
 Company Thomas Garner, Inc. Elevation 1938 KB 1927 GL  
 Address 305 E 7th Ave. St John, KS 67576  
 Co. Rep / Geo. Keith Reavis Rig Sterling #5  
 Location: Sec. 22 Twp 25 Rge. 13 Co. Stafford State KS

Interval Tested 4241-4265 Zone Tested Simpson Snd.  
 Anchor Length 24 Drill Pipe Run 4016 Mud Wt. 9.4  
 Top Packer Depth 4236 Drill Collars Run 213 Vls 68  
 Bottom Packer Depth 4241 Wt. Pipe Run N.A. WL 8.8  
 Total Depth 4265 Chlorides 6,000 ppm System LCM 2#

Blow Description IF: 10 min, fair building blow, 2.6 inches  
FSI: 60 min, No blow back  
EF: 60 min, BOB 12 min, strong building blow, 48 inches  
FSI: 90 min, No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>gassy muddy oil</u>	<u>60</u>	<u>30</u>	<u>10</u>	<u>0</u>
<u>120</u>	<u>oily mud</u>	<u>40</u>	<u>60</u>	<u>0</u>	<u>0</u>
<u>310'</u>	<u>GPP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Rec Total 180 BHT 115 Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2011  Test com. 1450 T-On Location 0015  
 (B) First Initial Flow 18  Jars 250 T-Started 0100  
 (C) First Final Flow 32  Safety Joint 75 T-Open 0250  
 (D) Initial Shut-In 1390  Circ Sub \_\_\_\_\_ T-Pulled 0630  
 (E) Second Initial Flow 41  Hourly Standby \_\_\_\_\_ T-Out 0900  
 (F) Second Final Flow 84  Mileage x 25 31.25 Comments lets @ 1243  
 (G) Final Shut-In 1354  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1999  Straddle \_\_\_\_\_

Initial Open 10  EM Tool \_\_\_\_\_  
 Initial Shut-In 60  Ruined Shale Packer \_\_\_\_\_  
 Final Flow 60  Ruined Packer \_\_\_\_\_  
 Final Shut-In 90  Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1806.25 Sub Total 0  
 Total 1806.25 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Chas Hegren

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Custom Service, LLC

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

# Invoice

Date	Invoice #
3/12/2022	2695

<b>Bill To</b>
Tom Garner 305 E 7th Ave St. John, KS 67576

P.O. No.	Terms	Project
REGGIE	Due on receipt	

Item	Quantity	Description	Rate	Amount
Water Truck	480	03/07/2022: 480 BBLs FROM RES. PIT TO GOBIN SWD	1.60	768.00
Water Truck	160	03/08/2022: 160 BBLs FROM RES. PIT TO GOBIN SWD	1.60	256.00

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

**Total** \$1,024.00