

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016

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 _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Thomas Garner, Inc.
Well Name	GARNER 7
Doc ID	1380281

All Electric Logs Run

Sonic
Microresistivity
Porosity
Dual Induction



Joshua R. Austin
Petroleum Geologist
report for
Thomas Garner, Inc.



COMPANY: Thomas Garner, Inc.

LEASE: Garner #7

FIELD: Leiss Northwest

LOCATION: SE-SW-NE-NE (1442' FNL & 930' FEL)

SEC: 15 **TWSP:** 25s **RGE:** 13w

COUNTY: Stafford **STATE:** Kansas

KB: 1938' **GL:** 1927'

API # 15-185- 23993-0000

CONTRACTOR: Sterling Drilling Company (Rig #4)

Spud: 08/23/2017 **Comp:** 08/31/2017

RTD: 4380' **LTD:** 4378'

Mud Up: 2900' **Type Mud:** Chemical was displaced

Samples Saved From: 3400' to RTD

Drilling Time Kept From: 3400' to RTD

Samples Examined From: 3400' to RTD

Geological Supervision From: 3400' to RTD

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @308'

Production Casing: 5 1/2" @4375'

Electronic Surveys: Pioneer Energy Services

NOTES

On the basis of the high structural position, positive drill stem test and after reviewing the logs it was recommended by all parties involved in the Garner #7 to run 5 1/2" production casing to further test the following zones; Viola 4100-4110, Lansing 3789-3796. Before plugging the well the following zones should be tested; Arbuckle 4282-4283, Simpson Sand 4217-4223.

Respectfully Submitted by;

Joshua Austin

Thomas Garner, Inc

well comparison sheet

Formation	DRILLING WELL				COMPARISON WELL				COMPARISON WELL				COMPARISON WELL			
	Garner #7				Garner #5-15				Garner #4				Shank #1			
	1938 KB				1933 KB				1930 KB				1931 KB			
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	779	1159	768	1170	773				785	1145	14	6	785	1145	14	14
Heebner	3478	-1540	3476	-1538	3479	-1546	6	8	3483	-1553	13	15	3483	-1553	13	15
Toronto	3500	-1562	3494	-1556												
Douglas	3522	-1584	3518	-1580												
Brown Lime	3628	-1690	3626	-1688	3633	-1700	10	12	3624	-1694	4	6	3633	-1703	13	15
Lansing	3650	-1712	3648	-1710	3661	-1728	16	18	3650	-1720	8	10	3665	-1735	23	25
BKC	3935	-1997	3936	-1998	3945	-2012	15	14	3937	-2007	10	9				
Mississippi	4022	-2084	4020	-2082	4028	-2095	11	13	4015	-2085	1	3	4027	-2097	13	15
Viola	4085	-2147	4081	-2143	4114	-2181	34	38	4105	-2175	28	32	4114	-2184	37	41
Simpson Shale	4197	-2259	4206	-2268	4219	-2286	27	18	4200	-2270	11	2	4216	-2286	27	18
Simpson Sand	4214	-2276	4212	-2274	4226	-2293	17	19	4206	-2276	0	2	4220	-2290	14	16
Arbuckle	4276	-2338	4276	-2338	4286	-2353	15	15	4271	-2341	3	3	4283	-2353	15	15
Total Depth	4380	-2442	4378	-2440	4229	-2296			4311	-2381			4316	-2386		



TRIOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner inc

305 E 7th
ST John, KS 67576

ATTN: Josh Austin

15-25S-13W Stafford

Garner 7

Job Ticket: 63620

DST#: 1

Test Start: 2017.08.28 @ 15:21:56

GENERAL INFORMATION:

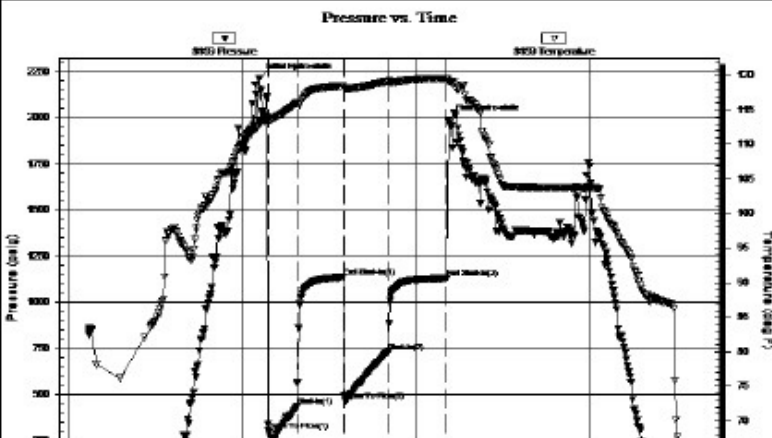
Formation: **Viola**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 18:27:41
 Time Test Ended: 01:43:41
 Interval: **4085.00 ft (KB) To 4133.00 ft (KB) (TVD)**
 Total Depth: **4133.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Leal Cason**
 Unit No: **74**
 Reference Elevations: **1938.00 ft (KB)**
1927.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 8159

Inside

Press@RunDepth: **733.01 psig @ 4086.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2017.08.28** End Date: **2017.08.29** Last Calib.: **2017.08.29**
 Start Time: **15:21:57** End Time: **01:43:41** Time On Btn: **2017.08.28 @ 18:18:41**
 Time Off Btn: **2017.08.28 @ 21:34:11**

TEST COMMENT: IF: Strong Blow, BOB in 30 seconds, GTS in 10 minutes, Gauged, & Caught Sample
 IS: 1 inch Blow Back
 FF: Strong Blow, GTS immediate, BOB in 1 minute, Gauged Gas
 FS: Would Not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.64	112.93	Initial Hydro-static
9	303.39	113.52	Open To Flow (1)
39	434.76	116.03	Shut-In(1)
87	1137.43	118.48	End Shut-In(1)
88	468.73	118.10	Open To Flow (2)
133	733.01	119.12	Shut-In(2)
194	1131.15	119.58	End Shut-In(2)
196	1989.90	119.13	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
0.00	480 GIP	0.00
60.00	GOCM 20%G 30%O 50%M	0.30
3531.00	GSY Oil 40%G 60%O	48.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	22.00	57.74
Last Gas Rate	0.25	10.00	38.71
Max. Gas Rate	0.25	28.00	67.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Thomas Garner inc
305 E 7th
ST John, KS 67576
ATTN: Josh Austin

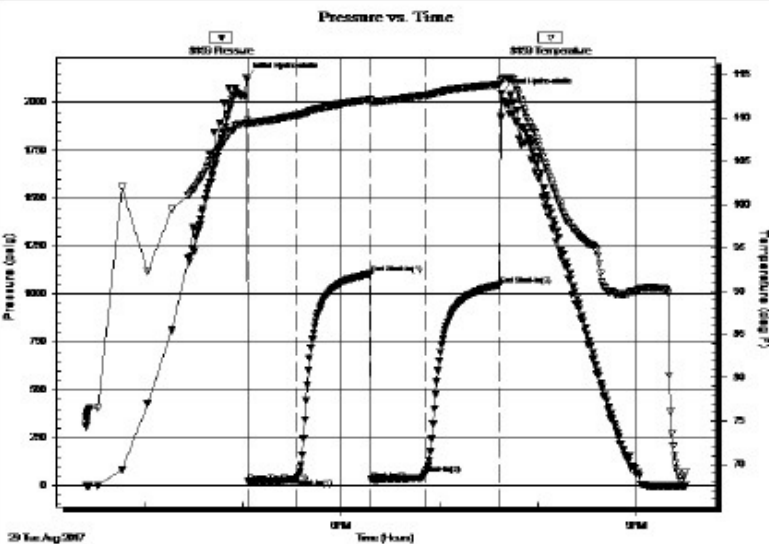
15-25S-13W Stafford
Garner 7
Job Ticket: 63621 DST#: 2
Test Start: 2017.08.29 @ 15:24:53

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: 17:03:23
 Tester: **Leal Cason**
 Time Test Ended: 21:29:38
 Unit No: **74**
 Interval: **4182.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Reference Elevations: **1938.00 ft (KB)**
 Total Depth: **4225.00 ft (KB) (TVD)**
1927.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **11.00 ft**

Serial #: 8159 **Inside**
 Press@RunDepth: **37.40 psig @ 4183.00 ft (KB)**
 Capacity: **8000.00 psig**
 Start Date: **2017.08.29** End Date: **2017.08.29**
 Last Calib.: **2017.08.29**
 Start Time: **15:24:54** End Time: **21:29:38**
 Time On Btm: **2017.08.29 @ 17:01:53**
 Time Off Btm: **2017.08.29 @ 19:37:38**

TEST COMMENT: IF: Weak Blow, Built to 1 inch
 IS: No Blow Back
 FF: Weak Surface Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.69	109.35	Initial Hydro-static
2	19.52	109.25	Open To Flow (1)
31	37.40	110.30	Shut-In(1)
76	1105.70	112.15	End Shut-In(1)
77	30.36	111.65	Shut-In(2)
110	62.72	112.58	Shut-In(3)
155	1048.83	113.91	End Shut-In(2)
156	2046.31	114.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 2%O 98%M	0.05

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

ATTN: Josh Austin

Job Ticket: 63622

DST#: 3

Test Start: 2017.08.30 @ 06:59:18

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:00:03
 Time Test Ended: 14:12:18

Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Leal Cason**
 Unit No: **74**

Interval: **4278.00 ft (KB) To 4284.00 ft (KB) (TVD)**
 Total Depth: **4284.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

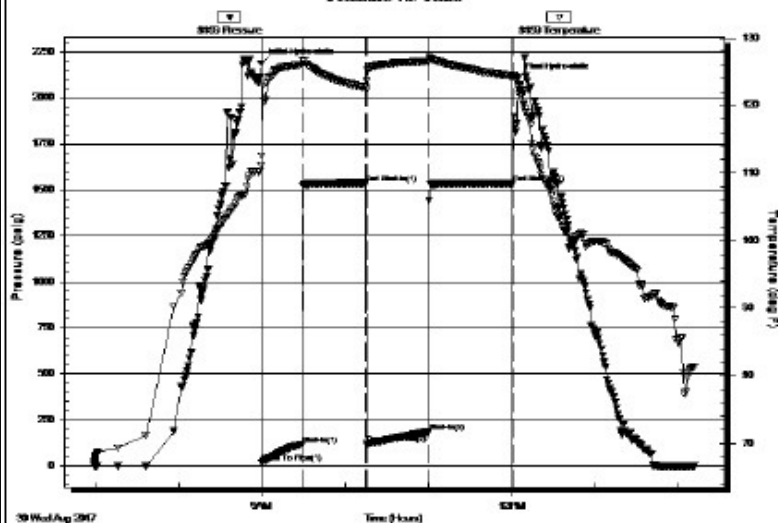
Reference Elevations: **1938.00 ft (KB)**
1927.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 8159 **Inside**
 Press@RunDepth: **185.54 psig @ 4279.00 ft (KB)**
 Start Date: **2017.08.30** End Date: **2017.08.30**
 Start Time: **06:59:19** End Time: **14:12:18**

Capacity: **8000.00 psig**
 Last Calib.: **2017.08.30**
 Time On Btn: **2017.08.30 @ 08:59:33**
 Time Off Btn: **2017.08.30 @ 12:04:33**

TEST COMMENT: IF: Fair Blow , Built to 9 1/2 inches
 IS: No Blow Back
 FF: Fair Blow , Built to 10 inches
 FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.07	111.07	Initial Hydro-static
1	18.32	112.51	Open To Flow (1)
30	117.06	126.07	Shut-In(1)
75	1535.94	122.70	End Shut-In(1)
76	120.84	122.33	Open To Flow (2)
121	185.54	126.48	Shut-In(2)
182	1535.26	124.36	End Shut-In(2)
185	2105.14	122.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

0.00	40 GIP	0.00
330.00	Water	2.67
30.00	OMCW 2%O 10%M 88%W	0.42
70.00	Oil	0.98

* Recovery from multiple tests

ROCK TYPES

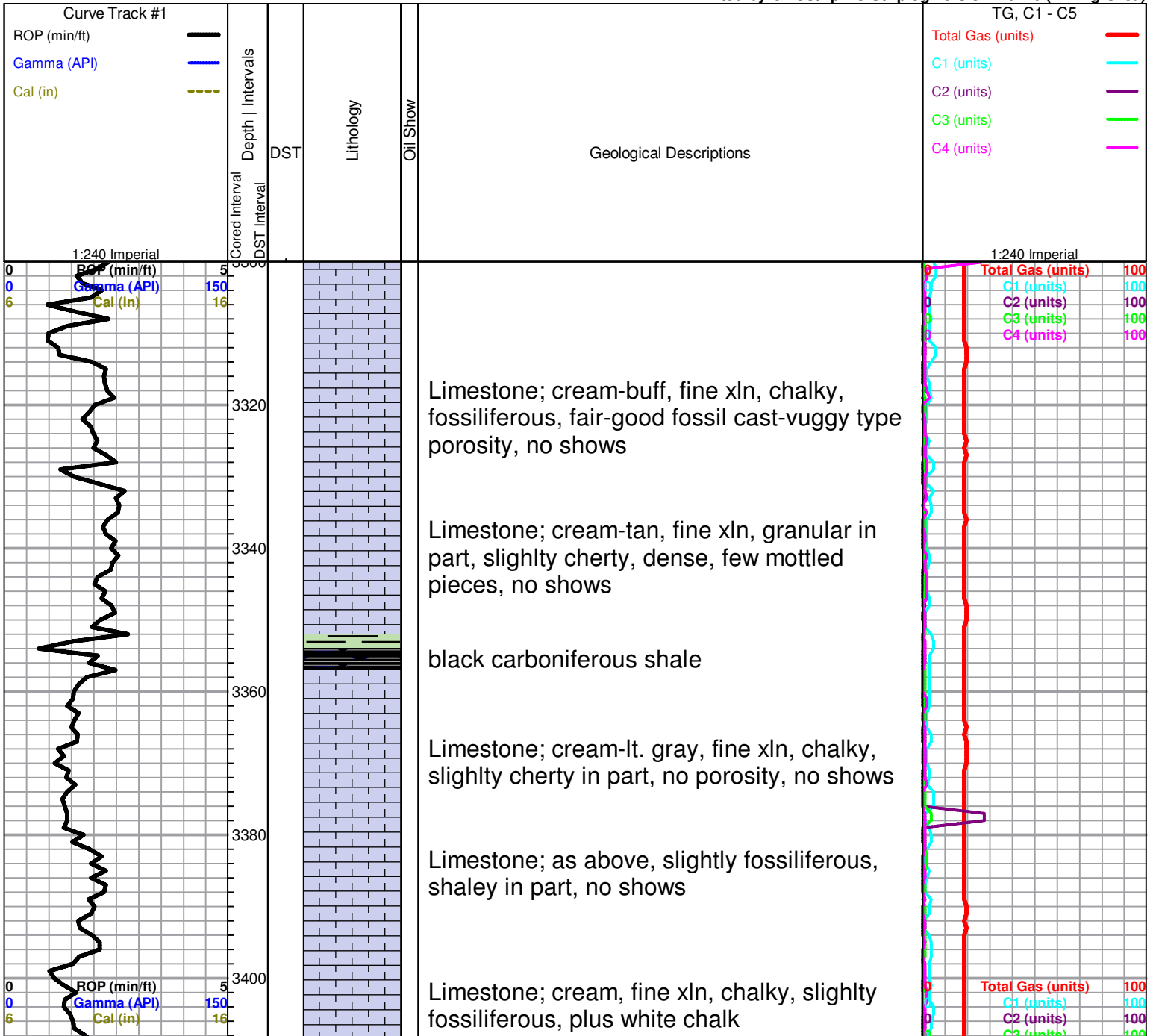
Cht	Dolsec	shale, gry	Slstst
Cht vari	Lmst fw7>	Carbon Sh	
Chtcongl	shale, grn	Ss	

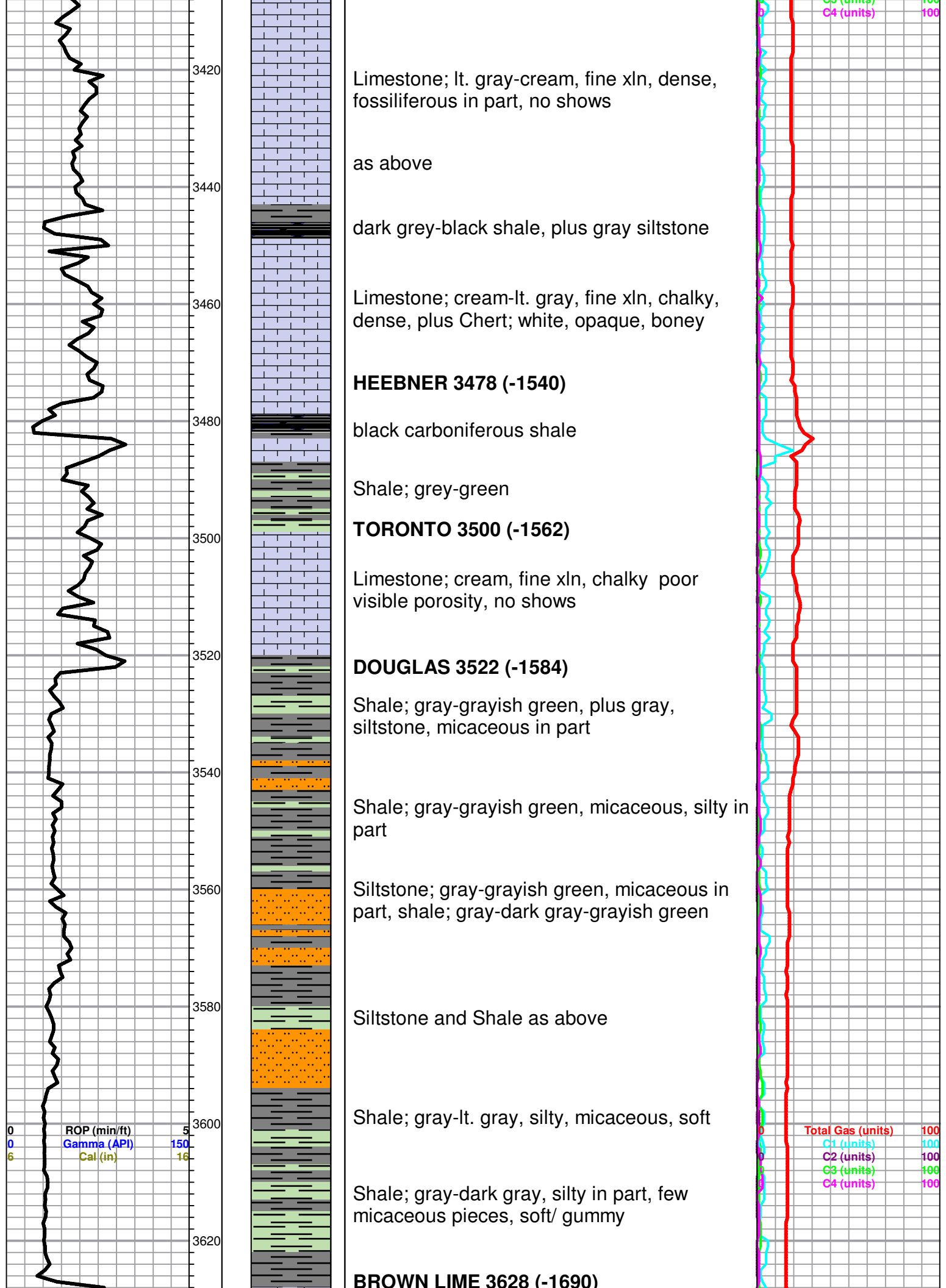
OTHER SYMBOLS

DST

- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





LANSING 3650 (-1712)
Limestone; brown-buff, fine xln, fossiliferous, cherty

LANSING 3650 (-1712)

Limestone; cream-lt. gray, fossiliferous, poorly developed porosity, no shows

Limestone; cream, fossiliferous, slightly granular, few dense pieces, no shows

Limestone; cream-gray, fine-medium xln, fossiliferous, scattered porosity in part, plus white chalk

Limestone; white-cream, sub oomoldic, fossiliferous, fair oomoldic porosity, (barren)

Limestone; buff-tan, fine xln, dense, cherty, poor visible porosity, Chert; amber-smokey gray-dark brown, boney

Limestone and Chert as above

trace black carboniferous shale

Limestone; cream-lt.gray, fine xln, dense, poor porosity, cherty, slightly fossiliferous, no shows

Limestone as above

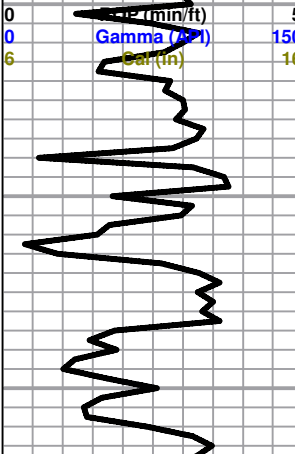
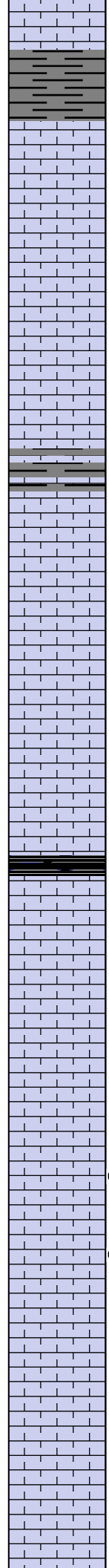
Limestone; cream, oomoldic, fair oomoldic porosity, trace spotty brown stain, slight SFO, faint odor when sample broke

Limestone; cream fine-medium xln, slightly granular, few inter xln porosity, trace spotty brown stain, trace spotty free oil, faint odor when sample broke

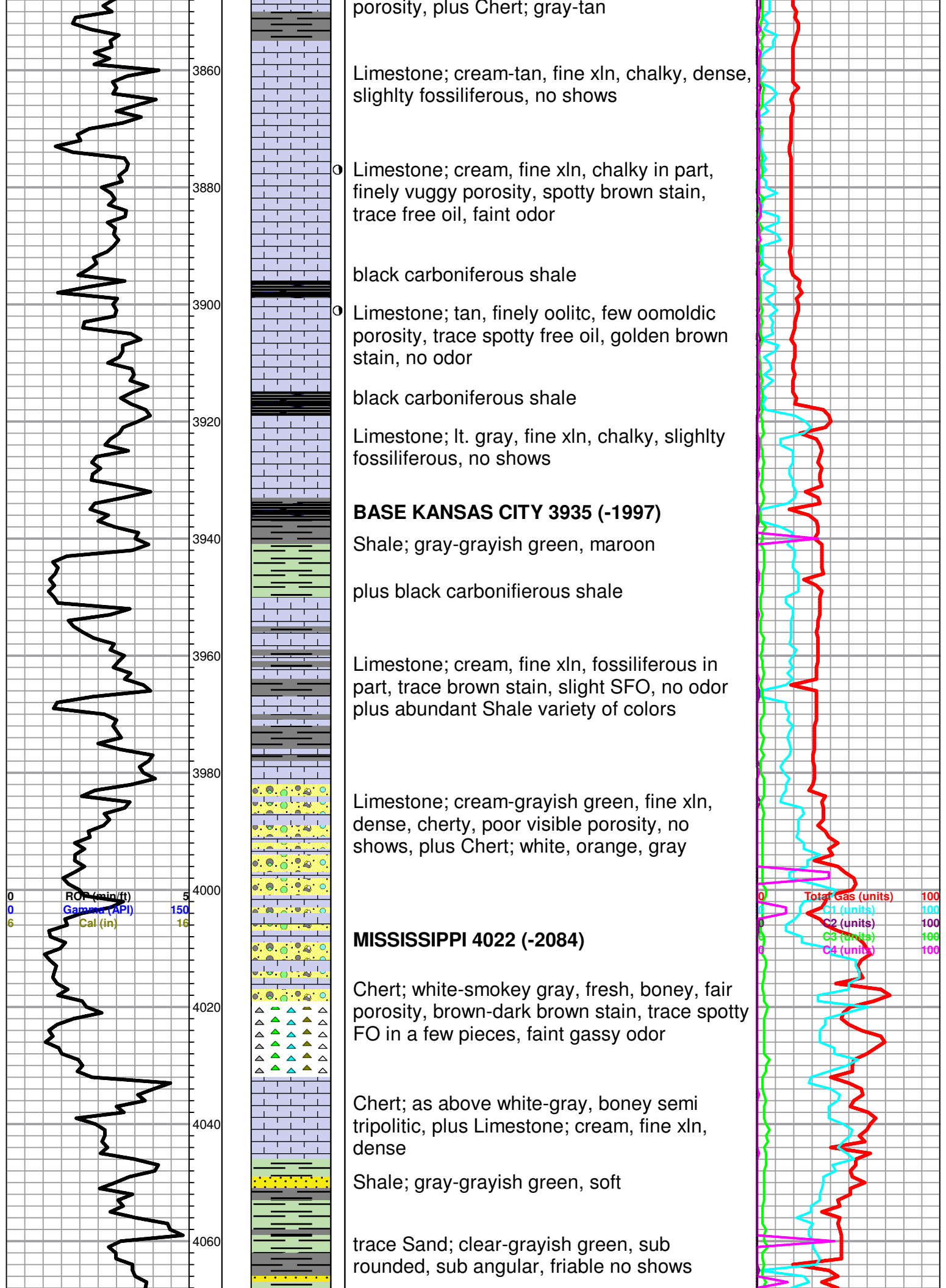
Limestone; cream, fine xln, chalky, dense, no shows

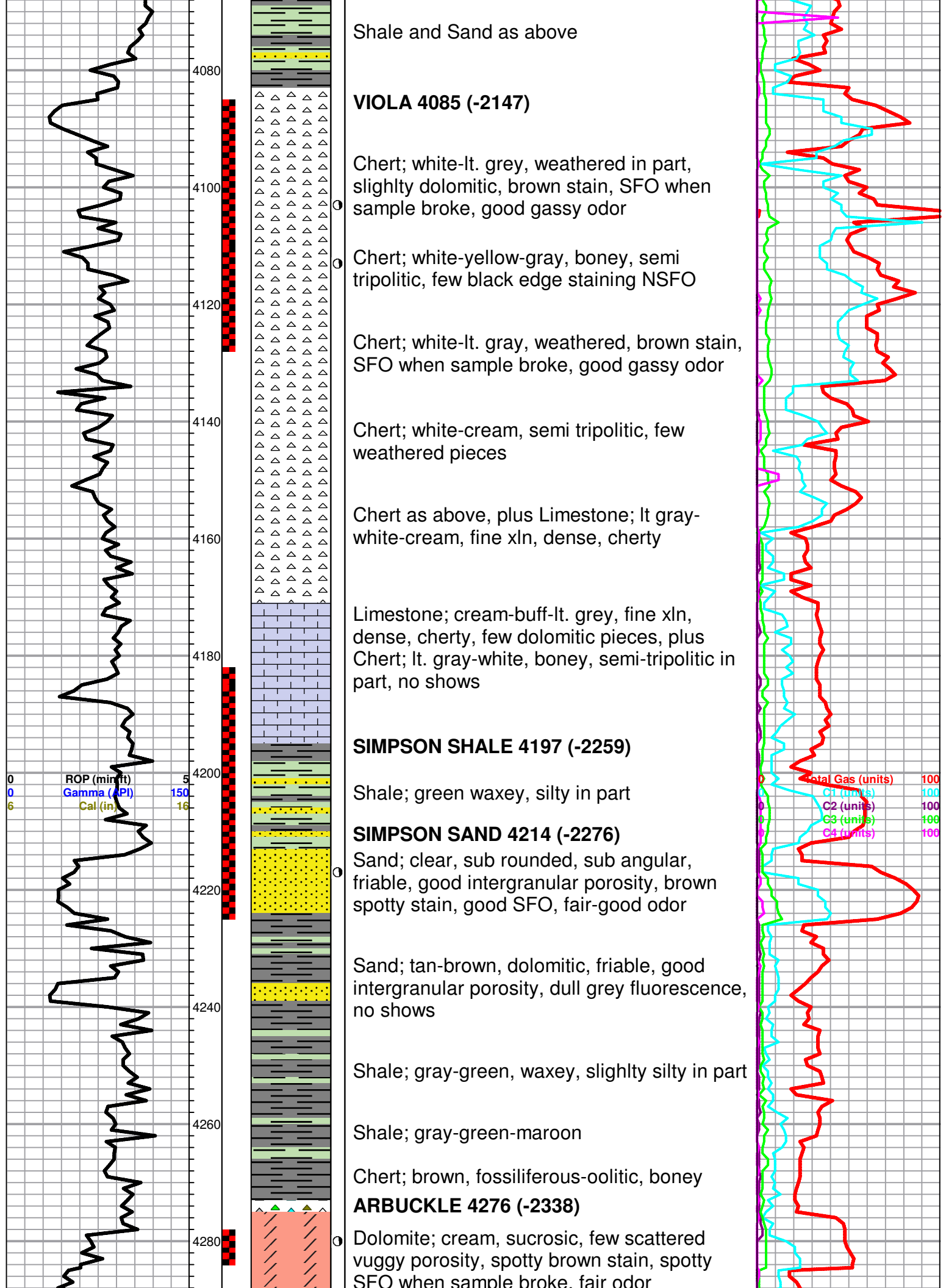
Limestone; cream, fine xln, fossiliferous-oolitic, chalky in part, poorly developed

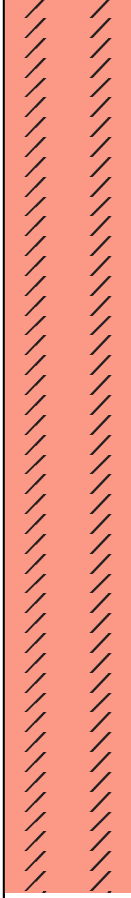
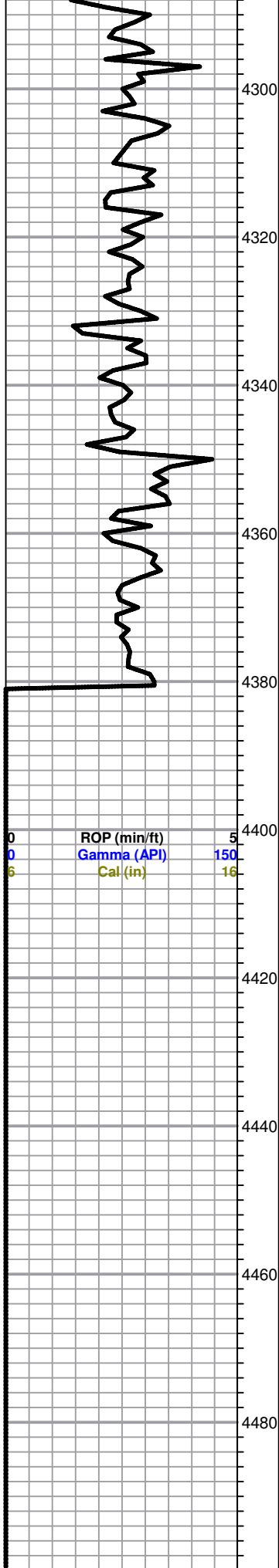
3640
3660
3680
3700
3720
3740
3760
3780
3800
3820
3840



Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100







Dolomite; cream-pink, sucrosic, few scattered porosity, no shows

Dolomite; gray-cream, fine xln, few sucrosic, inter xln porosity in part, no shows

Dolomite; as above plus Chert; white-translucent

Dolomite; tan-buff, fine-medium xln, dense, poorly developed porosity, cherty in part, no shows, Chert; white-translucent

Dolomite; cream-gray-buff, fine-medium xln, scattered porosity, no shows

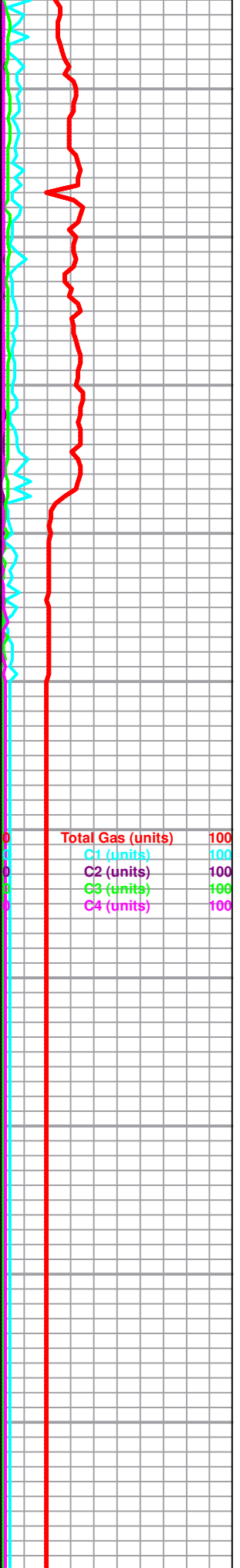
Dolomite; tan-cream, medium xln, fair-good inter xln porosity, Chert; white, boney

ROTARY TOTAL DEPTH 4380 (-2442)

DST #1 4085-4133 (30-45-45-60) VIOLA Blow; BOB in 30 minutes, GTS in 10 min, 1" blow back
 Final; BOB in 1 minute, FSI; would not bleed off
 Recovery; 480' GIP
 60' GOCM (20%G 30%O 50%M)
 3531' gassy oil (40%G 60%O)
 Pressures; IFP 303-435, FFP 468-733,

DST #2 4182-4225 (30-45-30-45) Simpson Sand Blow; weak, built to 1". no blow back
 Final; Weake surface blow. no blow back
 Recovery; 10' VSOCM (2%O 98%M)
 Pressures; IFP 19-37, FFP 30-63, ISIP 1105, FSIP 1048, HSH 2130-2046

DST #3 4278-4284 (30-45-45-60) Arbuckle Blow; fair, built to 9.5". no blow back
 Final; fair, built to 10". no blow back
 Recovery; 40' GIP
 70' Oil
 30' OMCW (2%O 10%M 88%W)
 330' water
 Pressures; IFP 18-117, FFP 121-185, ISIP 1536, FSIP 1535, HSH 2183-2105





plg-2017

PAGE 1 of 1	CUST NO 1001584	YARD # 1718	INVOICE DATE 08/29/2017
INVOICE NUMBER			
92508346			

Pratt (620) 672-1201
 B GARNER THOMAS E.
 I 305 E 7TH AVE
 L SAINT JOHN
 L KS US 67576
 T
 O **ATTN:** ACCOUNTS PAYABLE

J LEASE NAME Garner 7
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB # 41051930	EQUIPMENT # 27463	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 09/28/2017
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	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/24/2017 to 08/24/2017</i>				
0041051930				
171813977A Cement-New Well Casing/Pi 08/24/2017 Cement Surface				
60/40 POZ	300.00	EA	7.20	2,160.00 T
Celloflake	76.00	EA	2.22	168.72 T
Calcium Chloride	774.00	EA	0.63	487.62 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	96.00	96.00
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	2.70	54.00
Heavy Equipment Mileage	40.00	MI	4.50	180.00
Proppant & Bulk Del. Chgs., per ton mil	258.00	EA	1.50	387.00
Blending & Mixing Service Charge	300.00	BAG	0.84	252.00
Plug Container Util. Chg.	1.00	EA	150.00	150.00
Depth Charge; 0-500'	1.00	EA	600.00	600.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102	SUB TOTAL TAX INVOICE TOTAL	4,640.34 211.23 4,851.57
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Garner

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1001584	1718	09/05/2017
INVOICE NUMBER			
92512054			

Pratt (620) 672-1201
 B GARNER THOMAS E.
 I 305 E 7TH AVE
 L SAINT JOHN
 L KS US 67576
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Garner 7
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41053549	86779		Net - 30 days	10/05/2017

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 08/31/2017 to 08/31/2017				
0041053549				
171815409A Cement-New Well Casing/Pi 08/31/2017				
AA2 Cement	150.00	EA	10.20	1,530.00 T
60/40 POZ	50.00	EA	7.20	360.00 T
Celloflake	41.00	EA	2.22	91.02 T
Salt	752.00	EA	0.30	225.60 T
FLA-322	113.00	EA	4.50	508.50 T
Gilsonite	748.00	EA	0.40	300.70 T
Cement Friction Reducer	71.00	EA	3.60	255.60 T
Gypsum	705.00	EA	0.45	317.25 T
Mud Flush	1,000.00	EA	0.90	900.00 T
Mag Chem 10CR	423.00	EA	1.62	685.26 T
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	216.00	216.00
"Latch Down Plug & Baffle, 5 1/2" (Blue)"	1.00	EA	240.00	240.00
"Turbolizer, 5 1/2" (Blue)"	8.00	EA	66.00	528.00
"5 1/2" Basket (Blue)"	1.00	EA	174.00	174.00
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	2.70	54.00
Heavy Equipment Mileage	40.00	MI	4.50	180.00
Proppant & Bulk Del. Chgs., per ton mil	183.00	EA	1.50	274.50
Blending & Mixing Service Charge	200.00	BAG	0.84	168.00
Plug Container Util. Chg.	1.00	EA	150.00	150.00
Depth Charge; 4001'-5000'	1.00	EA	1,512.00	1,512.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,775.43
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	388.04
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,163.47
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

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



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

Pat Apple, Chairman
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

January 16, 2018

Tom Garner
Thomas Garner, Inc.
305 E 7TH
ST JOHN, KS 67576-1652

Re: ACO-1
API 15-185-23939-00-00
GARNER 7
NE/4 Sec.15-25S-13W
Stafford County, Kansas

Dear Tom Garner:

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

The above referenced well was spudded on 08/23/2017 and the ACO-1 was received on January 15, 2018 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.28 @ 15:21:56

End Date: 2017.08.29 @ 01:43:41

Job Ticket #: 63620 DST #: 1

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

Printed: 2017.08.31 @ 08:33:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thomas Garner inc
 305 E 7th
 St John, KS 67576
 ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63620

DST#: 1

Test Start: 2017.08.28 @ 15:21:56

GENERAL INFORMATION:

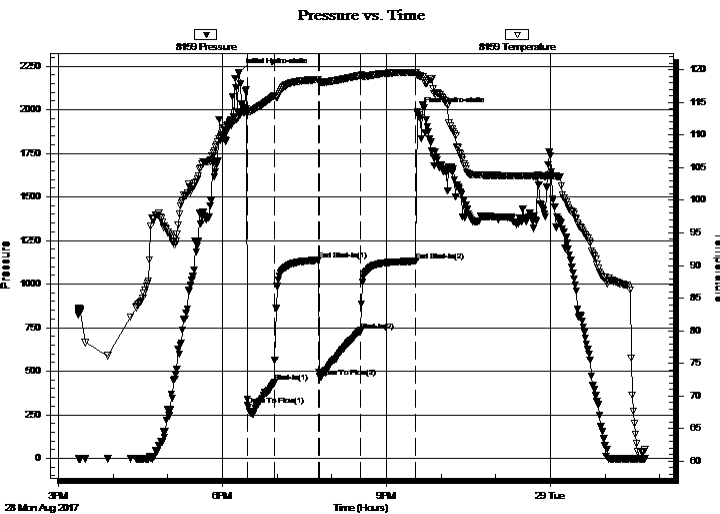
Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:27:41
 Time Test Ended: 01:43:41
 Interval: **4085.00 ft (KB) To 4133.00 ft (KB) (TVD)**
 Total Depth: 4133.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1938.00 ft (KB)
 1927.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8159

Inside

Press@RunDepth: 733.01 psig @ 4086.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.28 End Date: 2017.08.29 Last Calib.: 2017.08.29
 Start Time: 15:21:57 End Time: 01:43:41 Time On Btm: 2017.08.28 @ 18:18:41
 Time Off Btm: 2017.08.28 @ 21:34:11

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 10 minutes, Gauged, & Caught Sample
 IS: 1" Blow Back
 FF: Strong Blow , GTS immediate, BOB in 1 minute, Gauged Gas
 FS: Would Not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.64	112.93	Initial Hydro-static
9	303.39	113.52	Open To Flow (1)
39	434.76	116.03	Shut-In(1)
87	1137.43	118.48	End Shut-In(1)
88	468.73	118.10	Open To Flow (2)
133	733.01	119.12	Shut-In(2)
194	1131.15	119.58	End Shut-In(2)
196	1989.90	119.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	480 GIP	0.00
60.00	GOCM 20%G 30%O 50%M	0.30
3531.00	GSY Oil 40%G 60%O	48.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	22.00	57.74
Last Gas Rate	0.25	10.00	38.71
Max. Gas Rate	0.25	28.00	67.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

Test Start: 2017.08.28 @ 15:21:56

Tool Information

Drill Pipe:	Length: 3856.00 ft	Diameter: 3.80 inches	Volume: 54.09 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 55.15 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4085.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Dropped Bar, Reversed Out

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

Shut In Tool	5.00			4064.00	
Hydraulic tool	5.00			4069.00	
Jars	5.00			4074.00	
Safety Joint	2.00			4076.00	
Packer	5.00			4081.00	26.00 Bottom Of Top Packer
Packer	4.00			4085.00	
Stubb	1.00			4086.00	
Recorder	0.00	8159	Inside	4086.00	
Recorder	0.00	6806	Outside	4086.00	
Perforations	5.00			4091.00	
Change Over Sub	1.00			4092.00	
Drill Pipe	32.00			4124.00	
Change Over Sub	1.00			4125.00	
Perforations	5.00			4130.00	
Bullnose	3.00			4133.00	48.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

Test Start: 2017.08.28 @ 15:21:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	480 GIP	0.000
60.00	GOCM 20%G 30%O 50%M	0.295
3531.00	GSY Oil 40%G 60%O	48.119

Total Length: 3591.00 ft Total Volume: 48.414 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 40.8 @ 78 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

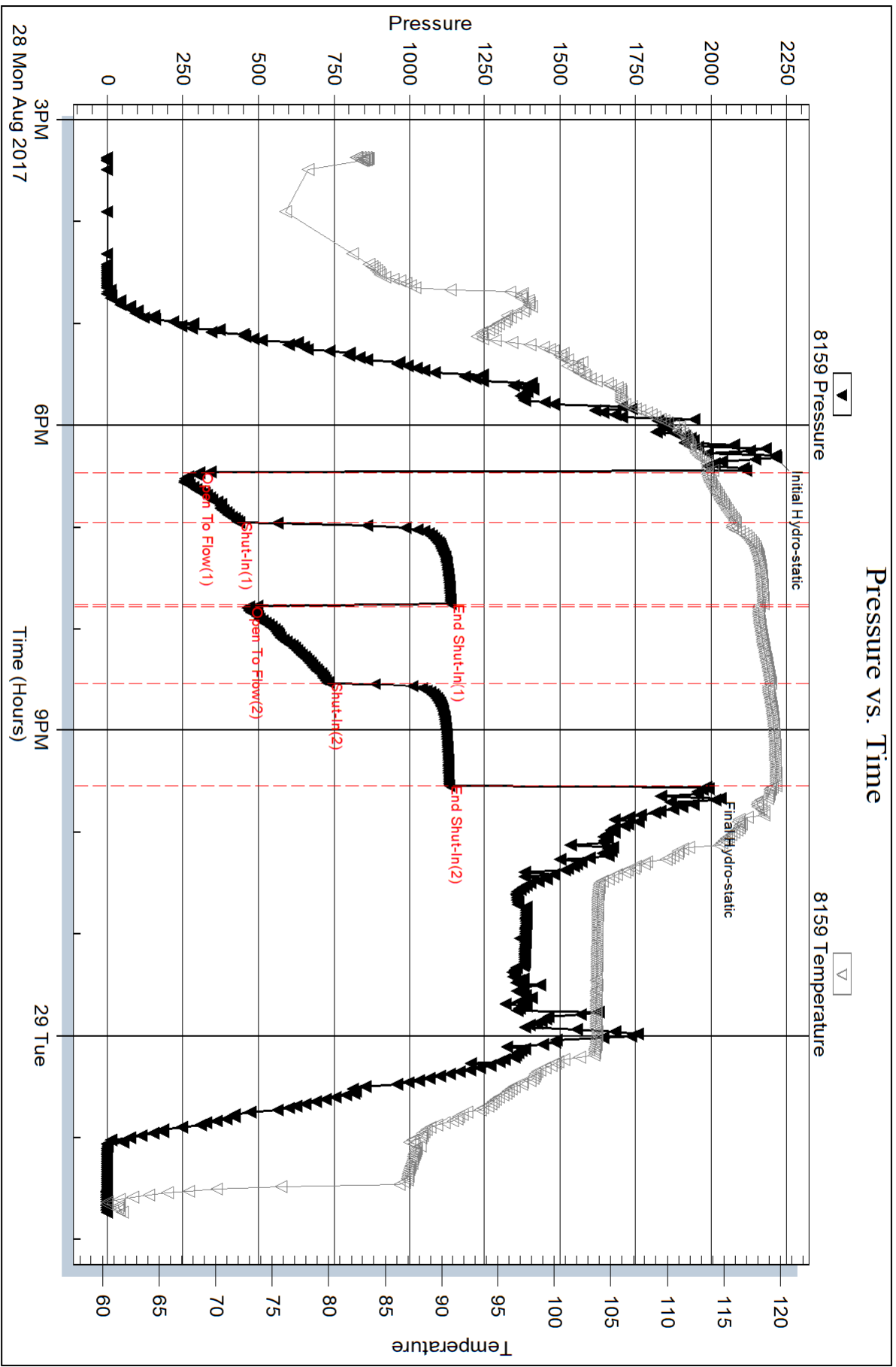
Test Start: 2017.08.28 @ 15:21:56

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)
1	15	0.25	22.00	57.74
1	20	0.25	25.00	62.50
1	30	0.25	28.00	67.26
2	20	0.25	4.00	29.19
2	30	0.25	12.00	41.88
2	40	0.25	10.00	38.71

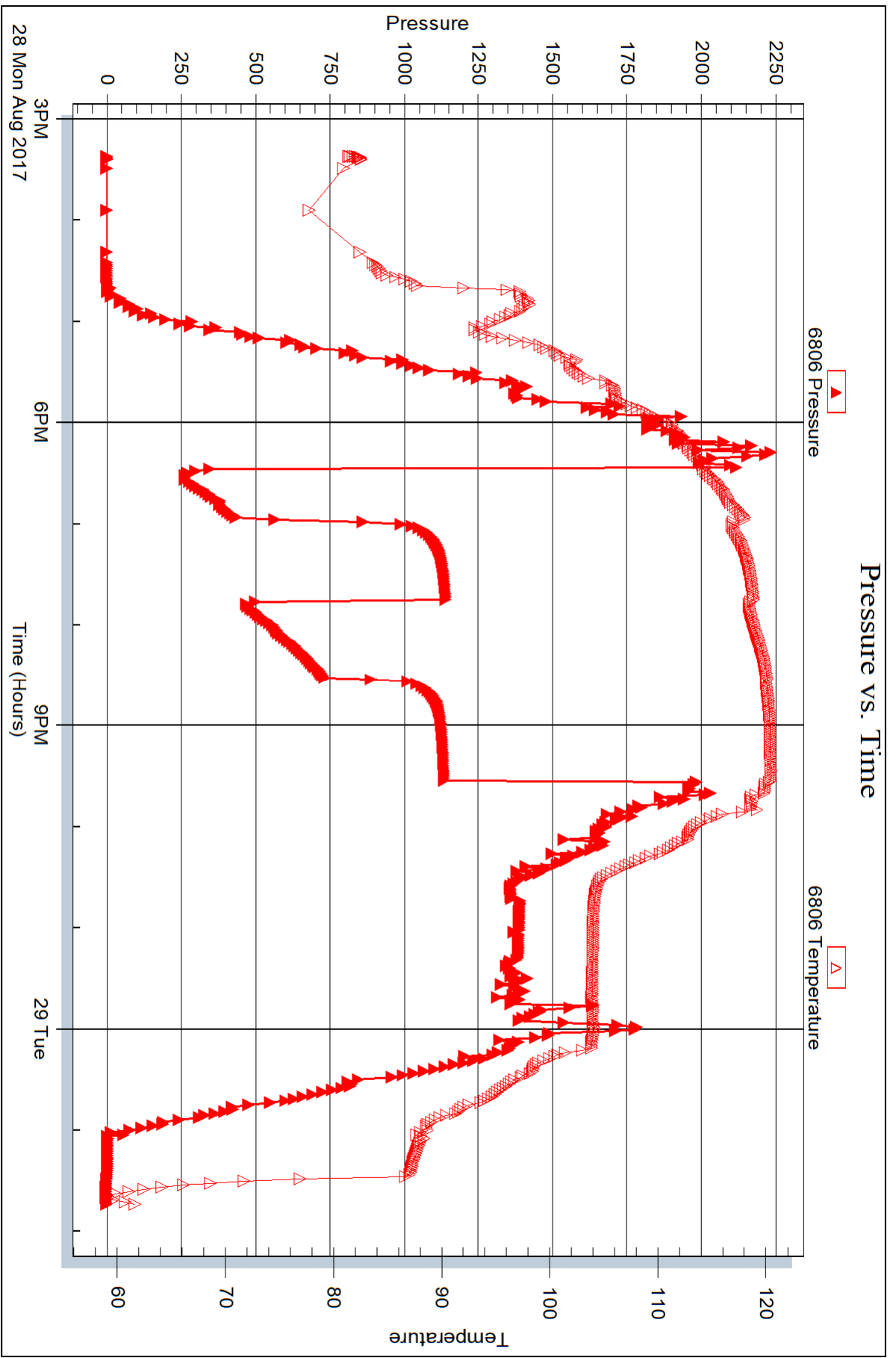


Serial #: 6806

Outside Thomas Garner inc

Garner #7

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63620

Printed: 2017.08.31 @ 08:33:51



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.29 @ 15:24:53

End Date: 2017.08.29 @ 21:29:38

Job Ticket #: 63621 DST #: 2

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

Printed: 2017.08.31 @ 08:31:38



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Thomas Garner inc
305 E 7th
St John, KS 67576
ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63621

DST#: 2

Test Start: 2017.08.29 @ 15:24:53

GENERAL INFORMATION:

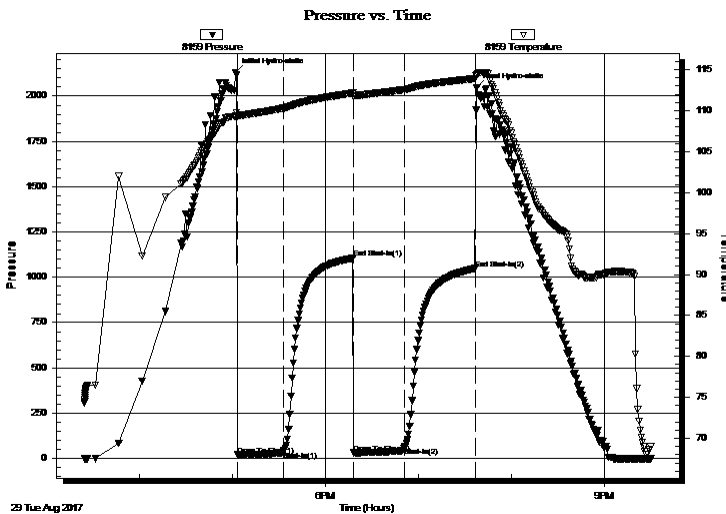
Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:03:23
 Time Test Ended: 21:29:38
 Interval: **4182.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Total Depth: 4225.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1938.00 ft (KB)
 1927.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8159

Inside

Press@RunDepth: 62.72 psig @ 4183.00 ft (KB)
 Start Date: 2017.08.29 End Date: 2017.08.29
 Start Time: 15:24:54 End Time: 21:29:38
 Capacity: 8000.00 psig
 Last Calib.: 2017.08.29
 Time On Btm: 2017.08.29 @ 17:01:53
 Time Off Btm: 2017.08.29 @ 19:37:38

TEST COMMENT: IF: Weak Blow , Built to 1"
 IS: No Blow Back
 FF: Weak Surface Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.69	109.35	Initial Hydro-static
2	19.52	109.25	Open To Flow (1)
31	37.40	110.30	Shut-In(1)
76	1105.70	112.15	End Shut-In(1)
77	30.36	111.65	Open To Flow (2)
110	62.72	112.58	Shut-In(2)
155	1048.83	113.91	End Shut-In(2)
156	2046.31	114.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 2%O 98%M	0.05

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

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63621

DST#: 2

ATTN: Josh Austin

Test Start: 2017.08.29 @ 15:24:53

Tool Information

Drill Pipe:	Length: 3950.00 ft	Diameter: 3.80 inches	Volume: 55.41 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.47 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4182.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	69.00 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			4161.00	
Hydraulic tool	5.00			4166.00	
Jars	5.00			4171.00	
Safety Joint	2.00			4173.00	
Packer	5.00			4178.00	26.00 Bottom Of Top Packer
Packer	4.00			4182.00	
Stubb	1.00			4183.00	
Recorder	0.00	8159	Inside	4183.00	
Recorder	0.00	6806	Outside	4183.00	
Perforations	5.00			4188.00	
Change Over Sub	1.00			4189.00	
Drill Pipe	32.00			4221.00	
Change Over Sub	1.00			4222.00	
Bullnose	3.00			4225.00	43.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63621

DST#: 2

ATTN: Josh Austin

Test Start: 2017.08.29 @ 15:24:53

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: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM 2%O 98%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

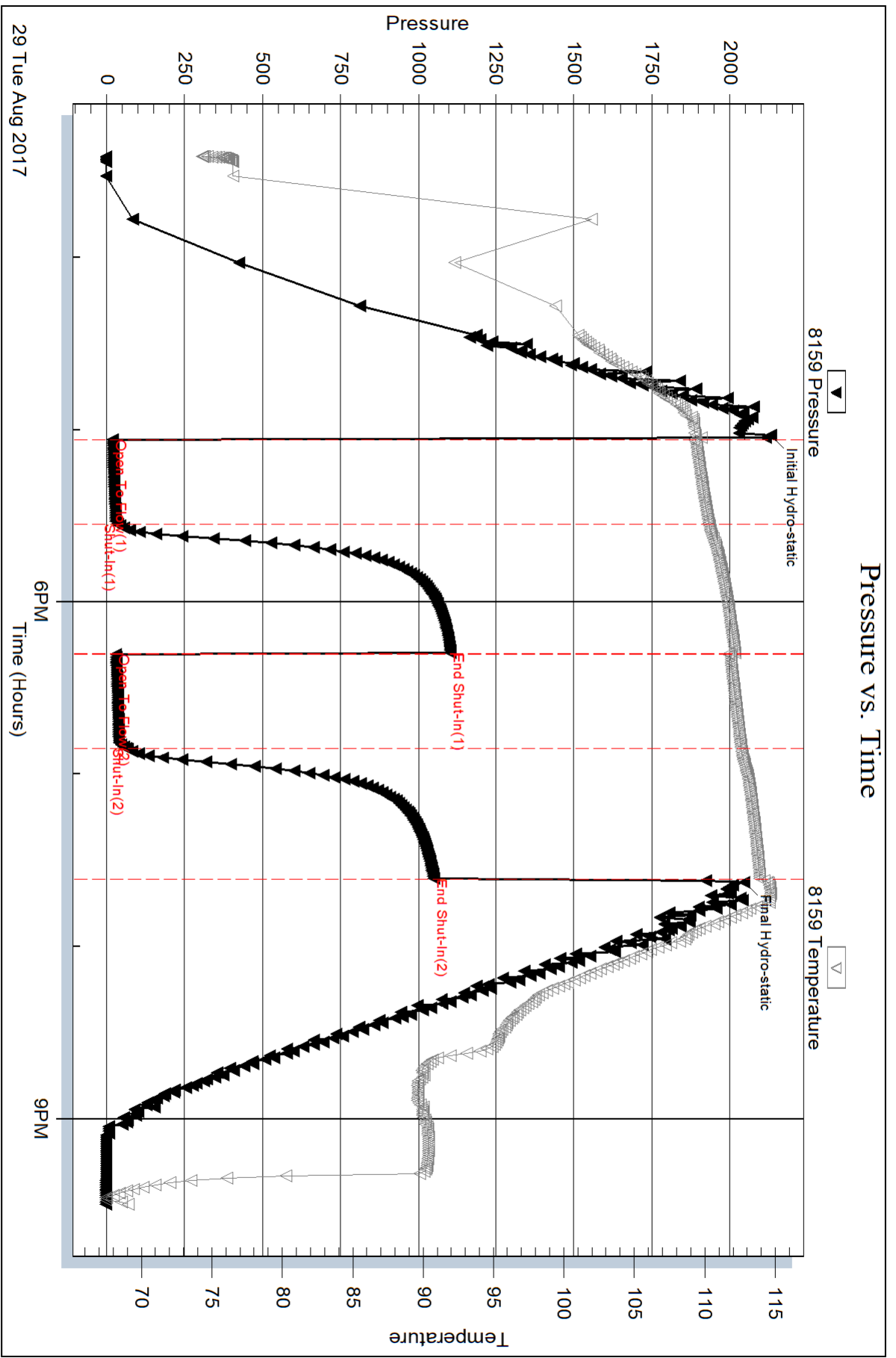
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



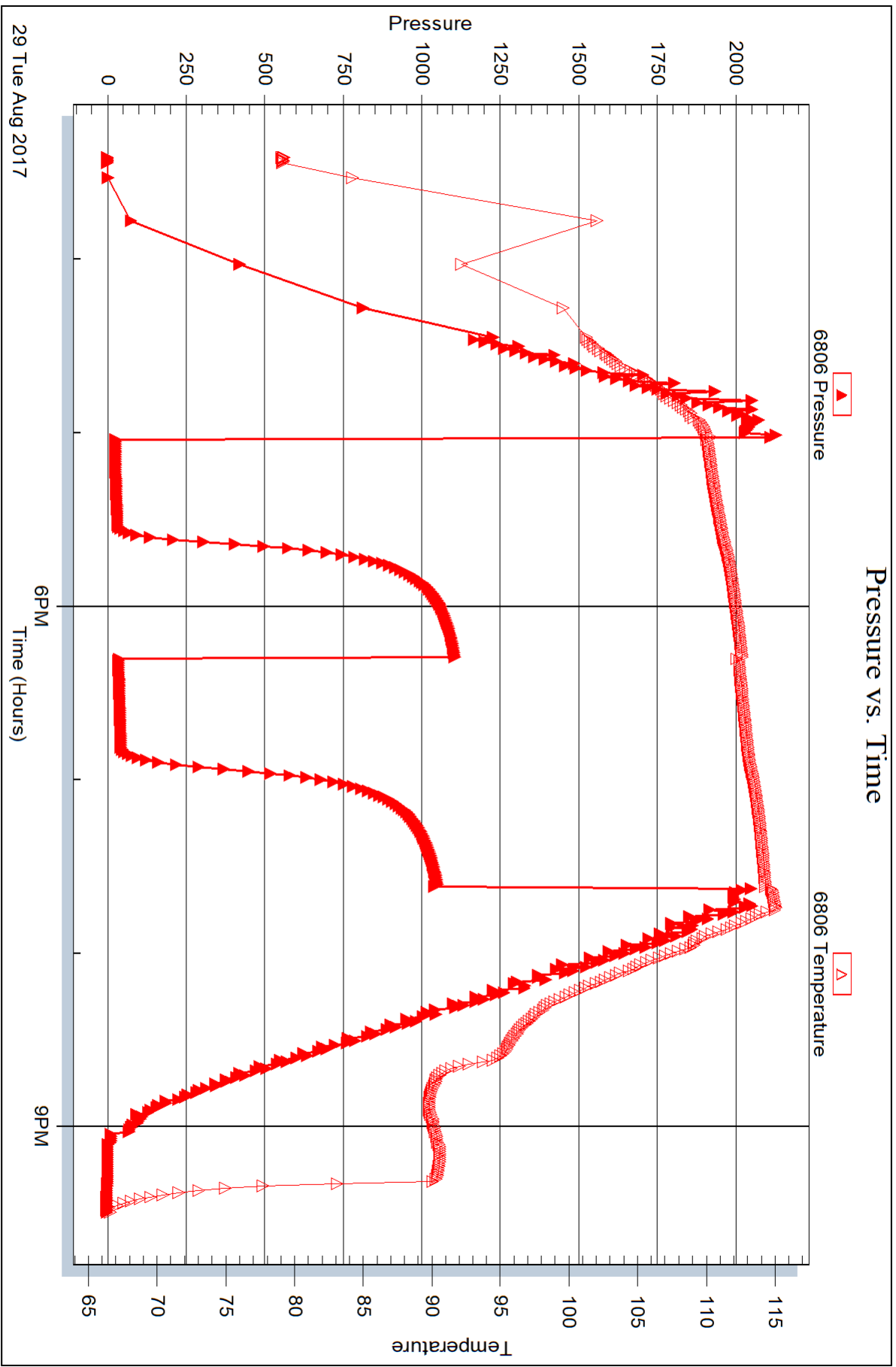
29 Tue Aug 2017

Serial #: 6806

Outside Thomas Garner inc

Garner #7

DST Test Number: 2



29 Tue Aug 2017

Trilobite Testing, Inc

Ref. No: 63621

Printed: 2017.08.31 @ 08:31:39



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.30 @ 06:59:18

End Date: 2017.08.30 @ 14:12:18

Job Ticket #: 63622 DST #: 3

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

Printed: 2017.08.31 @ 08:31:10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thomas Garner inc
 305 E 7th
 St John, KS 67576
 ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63622

DST#: 3

Test Start: 2017.08.30 @ 06:59:18

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:00:03
 Tester: Leal Cason
 Time Test Ended: 14:12:18
 Unit No: 74
 Interval: **4278.00 ft (KB) To 4284.00 ft (KB) (TVD)**
 Reference Elevations: 1938.00 ft (KB)
 Total Depth: 4284.00 ft (KB) (TVD)
 1927.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

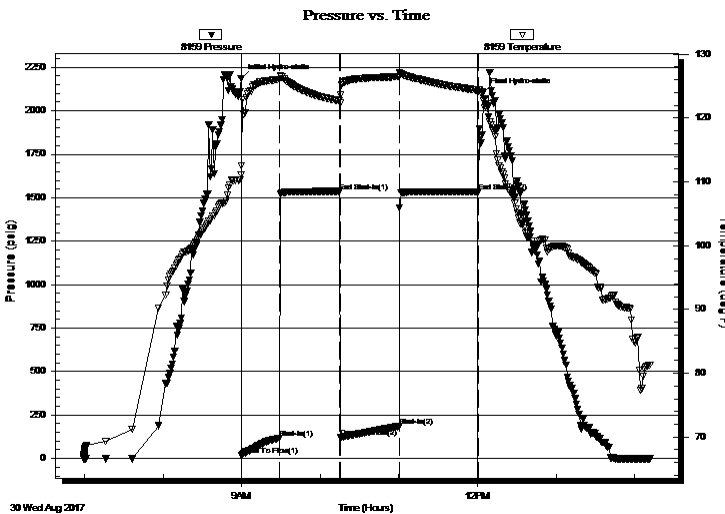
Serial #: 8159

Inside

Press@RunDepth: 185.54 psig @ 4279.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.30 End Date: 2017.08.30 Last Calib.: 2017.08.30
 Start Time: 06:59:19 End Time: 14:12:18 Time On Btm: 2017.08.30 @ 08:59:33
 Time Off Btm: 2017.08.30 @ 12:04:33

TEST COMMENT: IF: Fair Blow , Built to 9 1/2"
 IS: No Blow Back
 FF: Fair Blow , Built to 10"
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.07	111.07	Initial Hydro-static
1	18.32	112.51	Open To Flow (1)
30	117.06	126.07	Shut-In(1)
75	1535.94	122.70	End Shut-In(1)
76	120.84	122.33	Open To Flow (2)
121	185.54	126.48	Shut-In(2)
182	1535.26	124.36	End Shut-In(2)
185	2105.14	122.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	40 GIP	0.00
330.00	Water	2.67
30.00	OMCW 2%O 10%M 88%W	0.42
70.00	Oil	0.98

* 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

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63622

DST#: 3

ATTN: Josh Austin

Test Start: 2017.08.30 @ 06:59:18

Tool Information

Drill Pipe:	Length: 4047.00 ft	Diameter: 3.80 inches	Volume: 56.77 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 57.83 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4278.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	32.00 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			4257.00	
Hydraulic tool	5.00			4262.00	
Jars	5.00			4267.00	
Safety Joint	2.00			4269.00	
Packer	5.00			4274.00	26.00 Bottom Of Top Packer
Packer	4.00			4278.00	
Stubb	1.00			4279.00	
Recorder	0.00	8159	Inside	4279.00	
Recorder	0.00	6806	Outside	4279.00	
Perforations	2.00			4281.00	
Bullnose	3.00			4284.00	6.00 Bottom Packers & Anchor

Total Tool Length: 32.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63622

DST#: 3

ATTN: Josh Austin

Test Start: 2017.08.30 @ 06:59:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

29000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	40 GIP	0.000
330.00	Water	2.670
30.00	OMCW 2%O 10%M 88%W	0.421
70.00	Oil	0.982

Total Length: 430.00 ft Total Volume: 4.073 bbl

Num Fluid Samples: 0

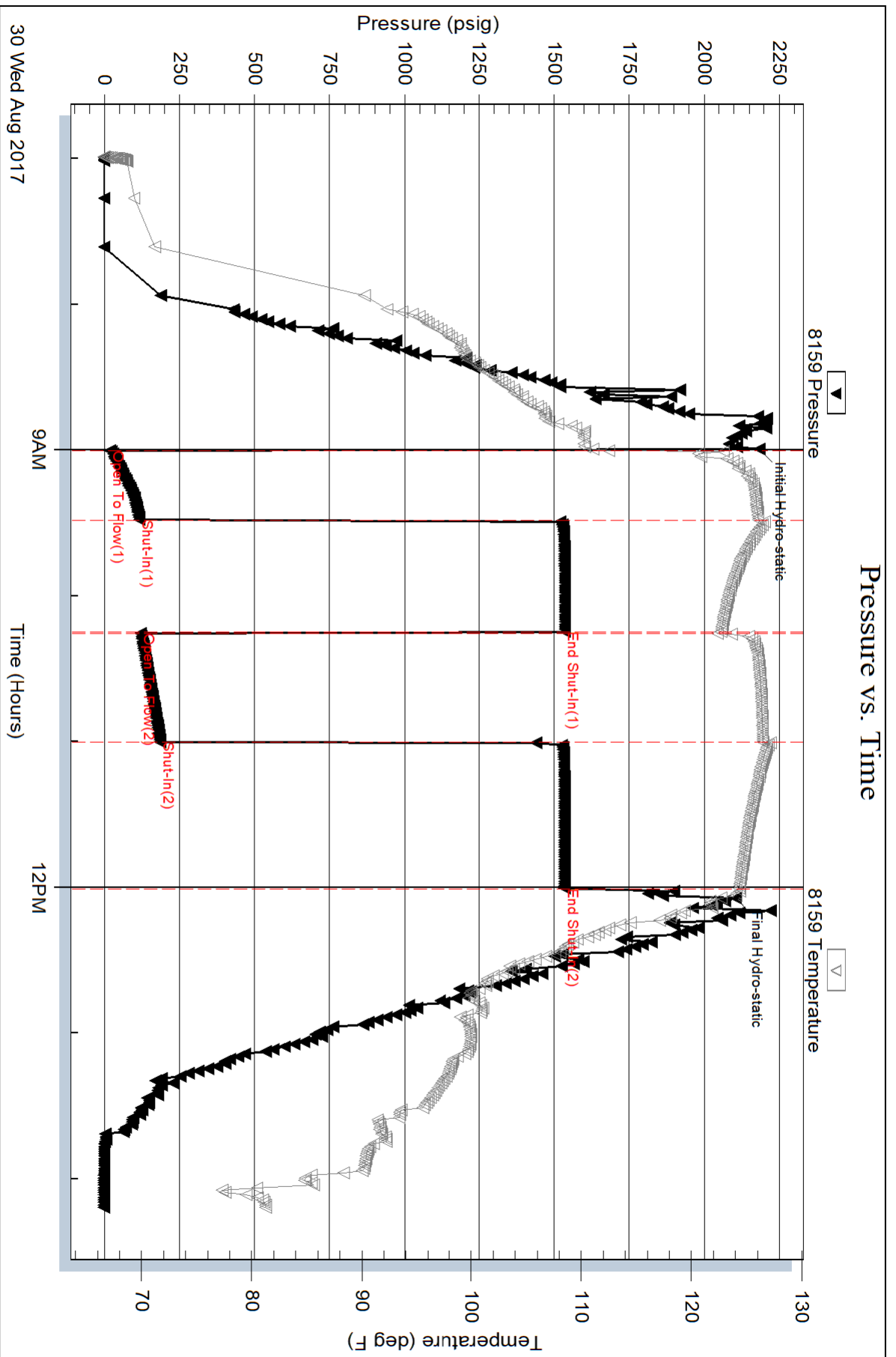
Num Gas Bombs: 0

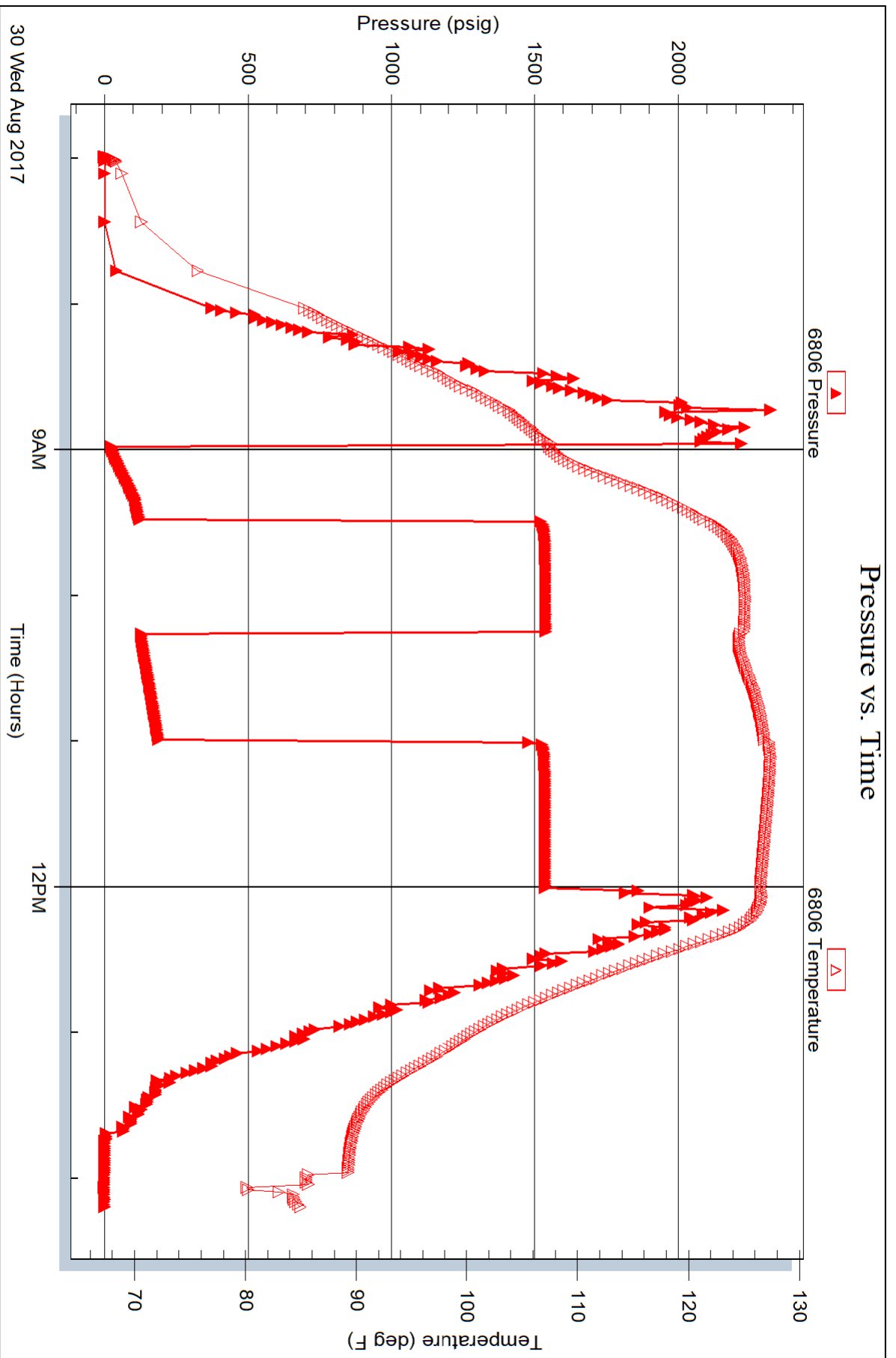
Serial #:

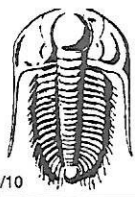
Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 38.6 @ 96 degrees
RW w as .18 @ 90 degrees







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63620**

Well Name & No. Garner 7 Test No. 1 Date 08/28/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E 7th St. John, KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13 W Co. Stafford State KS

Interval Tested 4085 - 4133 Zone Tested Viola
 Anchor Length 48 Drill Pipe Run 3856 Mud Wt. 9.4
 Top Packer Depth 4080 Drill Collars Run 215 Vis 61
 Bottom Packer Depth 4085 Wt. Pipe Run 0 WL 9.6
 Total Depth 4133 Chlorides 8400 ppm System LCM 1

Blow Description IF: Strong Blow, BOB in 30 seconds, GTS in 10 minutes, Gauged & CAUGHT sample
ISI: Linch Blow Back
FF: Strong Blow, GTS Immediate, BOB in 1 minute, Gauged Gas
FSI: would not bleed off

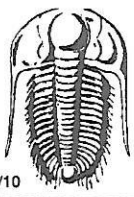
Rec	Feet of	%gas	%oil	%water	%mud
<u>480</u>	<u>GIP</u>				
<u>3531</u>	<u>GSV Oil</u>	<u>40%</u>	<u>60</u>		
<u>60</u>	<u>GOCM</u>	<u>20%</u>	<u>30</u>		<u>50</u>

Rec Total 3591 BHT 119 Gravity 39 API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2214</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:45</u>
(B) First Initial Flow <u>303</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:21</u>
(C) First Final Flow <u>435</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:27</u>
(D) Initial Shut-In <u>1137</u>	<input checked="" type="checkbox"/> Circ Sub <u>50</u>	T-Pulled <u>21:32</u>
(E) Second Initial Flow <u>469</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:43</u>
(F) Second Final Flow <u>733</u>	<input checked="" type="checkbox"/> Mileage <u>(26)</u> 19.50	Comments <u>Dropped Bar, Reversed Out</u>
(G) Final Shut-In <u>1131</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1990</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1544.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1544.50</u>	

Approved By [Signature] 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. **63621**

Well Name & No. Garner 7 Test No. 2 Date 08/29/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E. 7th St. John KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13W Co. Stafford State KS

Interval Tested 4182 - 4225 Zone Tested Simpson
 Anchor Length 43 Drill Pipe Run 3950 Mud Wt. 9.1
 Top Packer Depth 4177 Drill Collars Run 215 Vis 50
 Bottom Packer Depth 4182 Wt. Pipe Run 0 WL 11.2
 Total Depth 4225 Chlorides 10100 ppm System LCM 1

Blow Description IF: weak Blow, Built to 1 inch
IST: NO Blow Back
FF: weak surface Blow
FSI: NO Blow Back

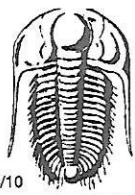
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>VSOCM</u>	<u>2</u>		<u>98</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 114 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2131</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>14:30</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:24</u>
(C) First Final Flow <u>37</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:03</u>
(D) Initial Shut-In <u>1106</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:36</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:29</u>
(F) Second Final Flow <u>63</u>	<input checked="" type="checkbox"/> Mileage <u>(26)</u> 19.50	Comments
(G) Final Shut-In <u>1049</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2046</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1494.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1494.50</u>	

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63622**

Well Name & No. Garner 7 Test No. 3 Date 08/30/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E 7th St. John, KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13W Co. Stafford State KS

Interval Tested 4278 - 4284 Zone Tested Arbuckle
 Anchor Length 6 Drill Pipe Run 4047 Mud Wt. 9.1
 Top Packer Depth 4273 Drill Collars Run 215 Vis 50
 Bottom Packer Depth 4278 Wt. Pipe Run 0 WL 11.2
 Total Depth 4284 Chlorides 10100 ppm System LCM 1

Blow Description IF: Fair Blow Built to 9 1/2 inches
ISI: NO Blow Back
FF: Fair Blow, Built to 10 inches
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>GIP</u>				
<u>70</u>	<u>oil</u>				
<u>30</u>	<u>OMCW</u>		<u>2</u>	<u>88</u>	<u>10</u>
<u>330</u>	<u>water</u>				

Rec Total 400 BHT 124 Gravity 36 API RW -18 @ 90 ° F Chlorides 29000 ppm

(A) Initial Hydrostatic <u>2183</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>06:30</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:59</u>
(C) First Final Flow <u>117</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:00</u>
(D) Initial Shut-In <u>1536</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:00</u>
(E) Second Initial Flow <u>121</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:12</u>
(F) Second Final Flow <u>175</u>	<input checked="" type="checkbox"/> Mileage <u>(26)</u> 19.50	Comments _____
(G) Final Shut-In <u>1535</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2105</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1494.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1494.50</u>	

Approved By [Signature] Our Representative [Signature]

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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

T M H 23

FIELD SERVICE TICKET
1718 15409 A

DATE _____ TICKET NO. _____

DATE OF JOB 8-31-17		DISTRICT 1718		NEW WELL <input checked="" type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER Thomas Garner Inc				LEASE Garner				7				WELL NO.			
ADDRESS				COUNTY Stafford				STATE KS							
CITY				STATE				SERVICE CREW 1718							
AUTHORIZED BY				JOB TYPE: 5 1/2 Longstring				242							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
78982-86779	3 1/2						8-31			1230					
70959-19862	3 1/2					ARRIVED AT JOB	8-31			1300					
						START OPERATION	8-31			1600					
						FINISH OPERATION	8-31			1830					
						RELEASED	8-31			1900					
						MILES FROM STATION TO WELL				20					

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA-2		150 sk		2550 -
CP103	60-40 doz		50 sk		600 -
CC102	cellflake		41 lbs		151 70
CC111	Salt		752 lbs		376 -
CC129	FLA-322		113 lbs		847 50
CC201	Gilsonite		748 lbs		501 16
CC112	Cement Friction Reducer		71 lbs		426 -
CC116	Mag Chem 10CR		423 lbs		1142 10
CC113	Gypsum		705 lbs		528 75
CF1251	Auto Fill Shoe	5 1/2	1 eq		360 -
CF607	Latch Down Plug + Baffle	5 1/2	1 eq		400 -
CF1651	Turbolizers	5 1/2	8 eq		880 -
CF1901	Basket	5 1/2	1 eq		290 -
CC151	Mud Flush		1000 gal		1300 -
E100	Pick up mileage 1 way	1 eq	20 mi		90 -
E401	Trk mileage 1 way	2 eq	40 mi		300 -
E113	Bulk Delv Charge		183 ton/mi		457 50
CF205	Pump Charge 4001-5000	1 eq	4 hrs		2520 -
CF240	Blending & Mixing Charge		200 sk		250 -

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE DL Scott
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <i>Thomas Conrad, Inc</i>		Lease No.		Date	
Lease <i>Conrad</i>		Well # <i>7</i>		<i>5-31-17</i>	
Field Order # <i>13409</i>	Station <i>PWA KS</i>	Casing <i>5 1/2</i>	Depth <i>4375</i>	County <i>Stafford</i>	State <i>KS</i>
Type Job <i>5 1/2 Longstring</i>			Formation	Legal Description <i>15-25-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>150 sk 2A-2</i>	RATE	PRESS	ISIP	
Depth <i>4359</i>	Depth <i>DBTD</i>	From	To	Pre Pad	Max	<i>2000</i>	5 Min.	
Volume <i>103.7</i>	Volume	From	To	Pad <i>50 sk P-2 RH-M</i>	Min		10 Min.	
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>24 Rbl. M.F</i>	Gas Volume		Total Load	

Customer Representative <i>Thomas Conrad</i>	Station Manager <i>J. Westerman</i>	Treater <i>D. Scott</i>
--	-------------------------------------	-------------------------

Service Units	<i>VAD</i>	<i>98982</i>	<i>86979</i>	<i>90959</i>	<i>1982</i>				
Driver Names	<i>Scott</i>	<i>5 Graves</i>	<i>11</i>	<i>Chimer</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0900</i>					<i>Called Out</i>
<i>1300</i>					<i>On Loc w/ Tek. Safety mtg</i>
					<i>FS + LD Baffle on 5' J</i>
					<i>Cont 1-3-5-7-9-11-13-15 Roster #1</i>
					<i>Csg on Bottom deep Ball Pipe / h</i>
<i>0540</i>	<i>300</i>		<i>5</i>	<i>6</i>	<i>H2O Spacer</i>
<i>0541</i>	<i>300</i>		<i>24</i>	<i>6</i>	<i>5' mud flush</i>
<i>0545</i>	<i>300</i>		<i>5</i>	<i>6</i>	<i>H2O Spacer</i>
<i>0547</i>	<i>400</i>		<i>37.4</i>	<i>6.4</i>	<i>1st Cont 2 15' Spacers 150 ski</i>
<i>0555</i>	<i>4</i>		<i>15</i>	<i>7</i>	<i>Close Inj. Valve Pump a line</i>
<i>0600</i>	<i>100</i>			<i>6.7</i>	<i>Release Plug/Bt 5' Disp w/H2O</i>
	<i>500</i>		<i>80</i>	<i>6.0</i>	<i>80' N/C disp out 1st Cont</i>
<i>0620</i>	<i>1500</i>		<i>103.7</i>	<i>6</i>	<i>Plug Down post test Csg</i>
<i>0622</i>	<i>4</i>				<i>Release Hold Good Csg thru Tub</i>
<i>0625</i>			<i>6.4</i>	<i>3</i>	<i>Plug RH w 30 sk +</i>
<i>0627</i>			<i>5.0</i>	<i>3</i>	<i>Plug MH w 20 ski</i>
					<i>Tab Complete</i>
					<i>Thank you</i>
					<i>Scott</i>