

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5118  
Name: TGT Petroleum Corporation  
Address 1: 7570 W. 21st-Bldg. 1010-D  
Address 2: Wichita, KS 67205  
City: Wichita State: KS Zip: 67205 + \_\_\_\_\_  
Contact Person: B. Lynn Herrington  
Phone: ( 316 ) 773-2266  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling  
Wellsite Geologist: Jeff Christian

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

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- Gas     D&A     ENHR     SIGW
- OG     GSW     Temp. Abd.
- 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 ENHR     Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled    Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD    Permit #: \_\_\_\_\_
- ENHR    Permit #: \_\_\_\_\_
- GSW    Permit #: \_\_\_\_\_

5/03/11    05/14/11    NA 5/16/11  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 097-21691-00-00

Spot Description: 1888' FWL & 325' FNL

   NW NE NW Sec. 7 Twp. 28 S. R. 18  East  West

325 Feet from  North /  South Line of Section

1,888 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Kiowa

Lease Name: Sons Well #: 1

Field Name: Einsel

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

Elevation: Ground: 2241' Kelly Bushing: 2251'

Total Depth: 5009' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 501 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: TGT Petroleum Corporation

Lease Name: Einsel SWD License #: 5118

Quarter NE Sec. 12 Twp. 27 S. R. 19  East  West

County: Kiowa Permit #: 90-570-C

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: B. Lynn Herrington  
Title: President Date: 2-15-12

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  III Approved by: Dlg Date: 3/7/12

Operator Name: TGT Petroleum Corporation Lease Name: Sons Well #: 1  
 Sec. 7 Twp. 28 S. R. 18  East  West County: Kiowa

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Microlog, Sonic Array, Frac Finder, Spec. Density Dual Spaced Neutron, Array Comp. Resistivity	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>3725'</td> <td>(-1474)</td> </tr> <tr> <td>Heebner</td> <td>4067'</td> <td>(-1816)</td> </tr> <tr> <td>Brown Lime</td> <td>4222'</td> <td>(-1971)</td> </tr> <tr> <td>Lansing</td> <td>4230'</td> <td>(-1979)</td> </tr> <tr> <td>BKC</td> <td>4625'</td> <td>(-2374)</td> </tr> <tr> <td>Cherokee</td> <td>4754'</td> <td>(-2503)</td> </tr> <tr> <td>Mississippian</td> <td>4791'</td> <td>(-2540)</td> </tr> <tr> <td>Kinderhook Sd.</td> <td>4861'</td> <td>(-2610)</td> </tr> <tr> <td>Viola</td> <td>4966'</td> <td>(-2715)</td> </tr> </table>	Name	Top	Datum	Topeka	3725'	(-1474)	Heebner	4067'	(-1816)	Brown Lime	4222'	(-1971)	Lansing	4230'	(-1979)	BKC	4625'	(-2374)	Cherokee	4754'	(-2503)	Mississippian	4791'	(-2540)	Kinderhook Sd.	4861'	(-2610)	Viola	4966'	(-2715)
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Viola	4966'	(-2715)																													

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
Surface	12 1/4"	8 5/8"	24#	501'	60/40 Pos A-Ser Lt	250	2% gel

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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TUBING RECORD:    Size:    Set At:    Packer At:    Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No						
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____					
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Oil    Bbls.</td> <td style="width:15%;">Gas    Mcf</td> <td style="width:15%;">Water    Bbls.</td> <td style="width:15%;">Gas-Oil Ratio</td> <td style="width:15%;">Gravity</td> </tr> </table>	Oil    Bbls.	Gas    Mcf	Water    Bbls.	Gas-Oil Ratio	Gravity
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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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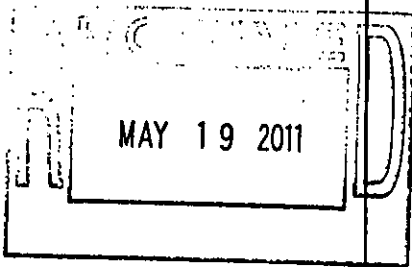


PAGE 1 of 1	CUST NO 1004250	INVOICE DATE 05/18/2011
INVOICE NUMBER 1718 - 90598235		

Pratt (620) 672-1201  
 B TGT PETROLEUM CORP  
 I PO Box: 75097  
 L WICHITA  
 L KS US 67275  
 T  
 O ATTN:

J LEASE NAME Sons 1  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40320750	19842		Net - 30 days	06/17/2011	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/16/2011 to 05/16/2011</i>					
0040320750					
171803675A Cement-New Well Casing/Pi 05/16/2011 P.T.A.					
60/40 POZ		170.00	EA	9.24	1,570.92
Cement Gel		294.00	EA	0.19	56.60
Unit Mileage Charge-Pickups, Vans & Cars		35.00	HR	3.27	114.55
Heavy Equipment Mileage		70.00	MI	5.39	377.33
Proppant and Bulk Delivery Charges		257.00	MI	1.23	316.65
Depth Charge; 1001-2000'		1.00	HR	1,155.09	1,155.09
Blending & Mixing Service Charge		170.00	MI	1.08	183.27
Supervisor		1.00	HR	134.76	134.76



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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,909.17
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	118.81
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	4,027.98
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



# BASIC

ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 03675 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: <b>5-16-2011</b> DISTRICT: <b>PRATT, Ks.</b>		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: <b>TET PETROLEUM CORP.</b>		LEASE: <b>SONS</b> WELL NO. <b>1</b>							
ADDRESS:		COUNTY: <b>KIOWA</b> STATE: <b>Ks.</b>							
CITY: _____ STATE: _____		SERVICE CREW: <b>LESLEY, MITCHELL, MCGRAW</b>							
AUTHORIZED BY:		JOB TYPE: <b>CNW - P.T.A.</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<b>19870</b>	<b>1.5</b>					<b>5-15-11</b>	<b>5-15-11</b>	<b>PM</b>	<b>6:00</b>
<b>19889-19842</b>	<b>1.5</b>					<b>ARRIVED AT JOB</b>	<b>5-16-11</b>	<b>AM</b>	<b>1:00</b>
<b>19826-19860</b>	<b>1.5</b>					<b>START OPERATION</b>		<b>AM</b>	<b>3:35</b>
						<b>FINISH OPERATION</b>		<b>AM</b>	<b>5:00</b>
						<b>RELEASED</b>		<b>AM</b>	<b>5:30</b>
						<b>MILES FROM STATION TO WELL</b>			<b>35</b>

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, CONTRACTOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 POZ	SK	170		2,040.00
CC 200	CEMENT GEL	lb	294		73.50
E 100	PICKUP MILEAGE	MI	35		148.75
E 101	HEAVY EQUIPMENT MILEAGE	MI	70		490.00
E 113	BULK DELIVERY CHARGE	TM	257		411.60
CE 202	DEPTH CHARGE; 1001-2000'	HR	1.4		1,500.00
CE 240	BLENDED SERVICE CHARGE	SK	170		238.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

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SUB TOTAL # **3,909.17**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <b>TGT PETROLEUM CORP.</b>	Lease No.	Date <b>5-16-2011</b>
Lease <b>SONS</b>	Well # <b>1</b>	
Field Order # <b>3675</b>	Station <b>PRATT, KS.</b>	Casing <b>TD</b>
Type Job <b>CNW - P.T.A</b>	Formation	Depth <b>5010'</b>
		County <b>KIOWA</b>
		State <b>KS.</b>
		Legal Description <b>7-28-18</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	<b>CMT -</b>	<b>770SK 60/40 P2</b>	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad <b>@ 1.43 cuft</b>	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	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	Gas Volume		Total Load	

Customer Representative **MIKE KERN** Station Manager **D. SCOTT** Treater **R. LESLEY**

Service Units	<b>19870</b>	<b>19889</b>	<b>19842</b>	<b>19826</b>	<b>19860</b>				
Driver Names	<b>LESLEY</b>	<b>MITCHELL</b>	<b>---</b>	<b>MCGRAW</b>	<b>---</b>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00AM					ON LOCATION - SAFETY MEETING
3:30AM					*1ST PLUG @ 1200' W/50SK
3:35AM	250		15	5	H2O AHEAD
3:45AM	200		12.5	5	MIX CMT @ 13.78#/GAL
3:50AM	100		4	5	H2O BEHIND CMT
4:10AM					*2ND PLUG @ 530' W/50SK
4:20AM	50		5	5	H2O AHEAD
4:23AM	50		12.5	5	MIX CMT @ 13.78#/GAL
4:26AM	0		1	5	H2O BEHIND CMT
					*3RD PLUG @ 60' W/20SK
4:40AM	0		5	2.5	MIX CMT @ 13.78#/GAL
4:45AM					CMT TO SURFACE
4:50AM			7.5	2.5	PLUG R.H. W/30SK
5:00AM			5	2.5	PLUG M.H. W/20SK

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JOB COMPLETE, KCC WICHITA  
THANKS -  
KEVEN LESLEY



PAGE 1 of 1	CUST NO 1004250	INVOICE DATE 05/05/2011
INVOICE NUMBER <b>1718 - 90588813</b>		

Pratt (620) 672-1201  
 B TGT PETROLEUM CORP  
 I PO Box: 75097  
 L WICHITA  
 L KS US 67275  
 T  
 O ATTN:

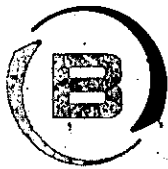
J LEASE NAME Sons 1  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40316095	20920		Net - 30 days	06/04/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/03/2011 to 05/03/2011</i>				
0040316095				
171803972A Cement-New Well Casing/PI 05/03/2011 8 5/8" Surface				
A Serv Lite	170.00	EA	10.01	1,701.53 T
60/40 POZ	100.00	EA	9.24	923.91 T
Cello-flake	68.00	EA	2.85	193.71 T
Calcium Chloride	702.00	EA	0.81	567.51 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	173.23	173.23
Baffle Plate Aluminum 8 5/8" (Blue)	1.00	EA	130.89	130.89
Centralizer 8 5/8" (Blue)	2.00	EA	69.30	138.59
Unit Mileage Charge-Pickups, Vans & Cars	35.00	HR	3.27	114.53
Heavy Equipment Mileage	70.00	MI	5.39	377.26
Proppant and Bulk Delivery Charges	410.00	MI	1.23	505.07
Depth Charge; 0-500'	1.00	HR	769.92	769.92
Blending & Mixing Service Charge	270.00	MI	1.08	291.03
Plug Container Utilization Charge	1.00	EA	192.48	192.48
Supervisor	1.00	HR	134.74	134.74

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 MAY - 6 2011

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,214.40
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	247.23
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,461.63
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 03972 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>5-3-11</b> DISTRICT <b>PRATT KS</b>		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 <b>T. G. T. PARR</b>		LEASE <b>SONS</b>		WELL NO. <b>1</b>				
ADDRESS		COUNTY <b>KIOWA</b>		STATE <b>KS</b>				
CITY STATE		SERVICE CREW <b>Sullivan, Nelson, McGraw</b>						
AUTHORIZED BY		JOB TYPE: <b>CNW 8 5/8 Surface</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <b>5-3-11</b> DATE	ARR TIME	TIME
<b>33708-20970</b>	<b>30</b>	<b>mi</b>					<b>AM</b>	<b>5:00</b>
<b>19826-19860</b>	<b>30</b>	<b>mi</b>					<b>AM</b>	<b>6:45</b>
<b>37900</b>							<b>AM</b>	<b>1050</b>
							<b>AM</b>	<b>1120</b>
							<b>AM</b>	<b>1200</b>
						MILES FROM STATION TO WELL <b>36</b>		

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:   
(WELL OWNER/OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 106	A-Sun Lito cont	SK	170		2,210 00
CP 103	60/40 pot cont	SK	100		1,200 00
CC 102	Cal Fako	lb	68		251 66
CC 109	Calcium chloride	lb	702		737 10
CF 105	TOP Rubber Plug 8 5/8	SR	1		225 00
CF 753	Baffle Plate	SR	1		170 00
CF 1753	Cont	SR	2		180 00
E 100	Picker valve	in	35		148 75
E 101	Heavy Graft rubber	in	70		490 00
E 113	Bank Pulley	Tr	410		655 20
CE 200	Depth changer	SR	1		1,000 00
CE 240	Blender - 1 min	SK	370		378 00
CE 504	Plug Cont in Rental	SR	1		250 00
SC 03	Schwin Cup on wire	SK	1		175 00

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SUB TOTAL

CHEMICAL / ACID DATA:		

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

TOTAL

DLS 6,214.40

SERVICE REPRESENTATIVE THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

Customer <i>T &amp; T. Potts</i>	Lease No.	Date <i>5-3-11</i>
Lease <i>SONS</i>	Well # <i>1</i>	
Field Order # <i>3972</i>	Station <i>PRA TT KC</i>	Casing <i>8 5/8</i>
		Depth <i>506'</i>
Type Job <i>CNW 8 5/8 surface</i>	Formation	County <i>Kiowa</i>
		State <i>KC</i>
		Legal Description <i>7-28-18</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>506</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>29 1/2</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>401</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE Scott</i>	Treater <i>Robert Jolloway</i>
-------------------------	--------------------------------------	-----------------------------------

Service Units	<i>37900</i>	<i>33208</i>	<i>20920</i>	<i>19826</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>Motson</i>	<i>McGraw</i>						

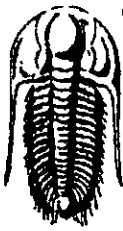
Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>6:45</i>				<i>1</i>	<i>on loc. soft, meeting</i>
					<i>run 11 JTS 8 5/8 #23 csg.</i>
<i>10:30</i>					<i>CASING on Bottom</i>
<i>10:40</i>					<i>Hook Rig to Circ.</i>
<i>10:50</i>	<i>200</i>		<i>2</i>	<i>3</i>	<i>St Splicer</i>
			<i>47</i>	<i>5</i>	<i>mix lead out 120 sk A sea lite</i>
			<i>21</i>	<i>5</i>	<i>mix tail out rick 100 Gp/40 per</i>
					<i>shut down</i>
					<i>Release Plug</i>
			<i>29 1/2</i>	<i>7.5</i>	<i>St Plug</i>
<i>11:20</i>					<i>Plug down</i>
					<i>Circ. &amp; BBL out to pit</i>

*503 Complete*

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*Thank you*





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TGT Petroleum Corporation

Sons #1

PO Box 75097  
Wichita, KS 67275

7-28S-18W Kiowa

Job Ticket: 042440 DST#: 1

ATTN: Jeff Christian

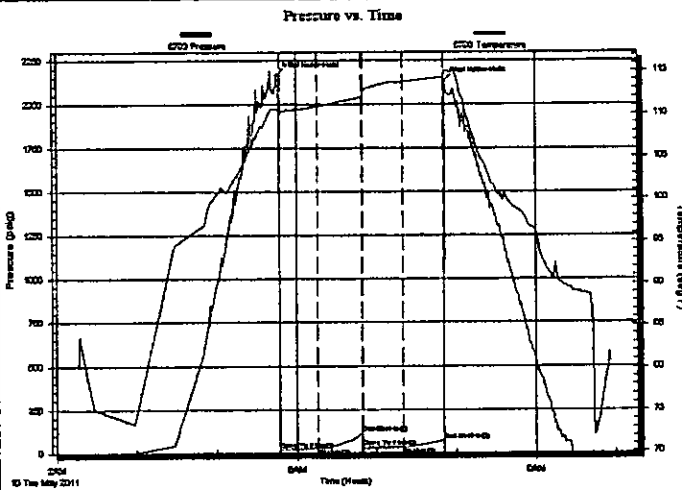
Test Start: 2011.05.10 @ 03:16:15

### GENERAL INFORMATION:

Formation: **LKC "T"**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 05:47:15  
 Time Test Ended: 09:57:15  
 Interval: **4439.00 ft (KB) To 4451.00 ft (KB) (TVD)**  
 Total Depth: **4451.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Leal Cason**  
 Unit No: **45**  
 Reference Elevations: **2251.00 ft (KB)**  
**2241.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

Serial #: **6798** Inside  
 Press@RunDepth: **30.37 psig @ 4440.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.05.10** End Date: **2011.05.10** Last Calb.: **2011.05.10**  
 Start Time: **03:16:15** End Time: **09:57:15** Time On Btm: **2011.05.10 @ 05:45:30**  
 Time Off Btm: **2011.05.10 @ 07:51:30**

TEST COMMENT: IF: Weak Surface Blow  
 IS: No Blow back  
 FF: No Blow  
 FS: No Blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2161.89	110.58	Initial Hydro-static
2	16.51	109.92	Open To Flow (1)
31	24.11	110.92	Shut-In(1)
64	114.10	111.93	End Shut-In(1)
65	29.03	112.16	Open To Flow (2)
95	30.37	113.77	Shut-In(2)
126	72.35	114.32	End Shut-In(2)
126	2129.01	115.03	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	DRLG Mud	0.02

### Gas Rates

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

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TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa, KS**

Job Ticket: 042440

**DST#: 1**

ATTN: Jeff Christian

Test Start: 2011.05.10 @ 03:16:15

### 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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig Mud	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

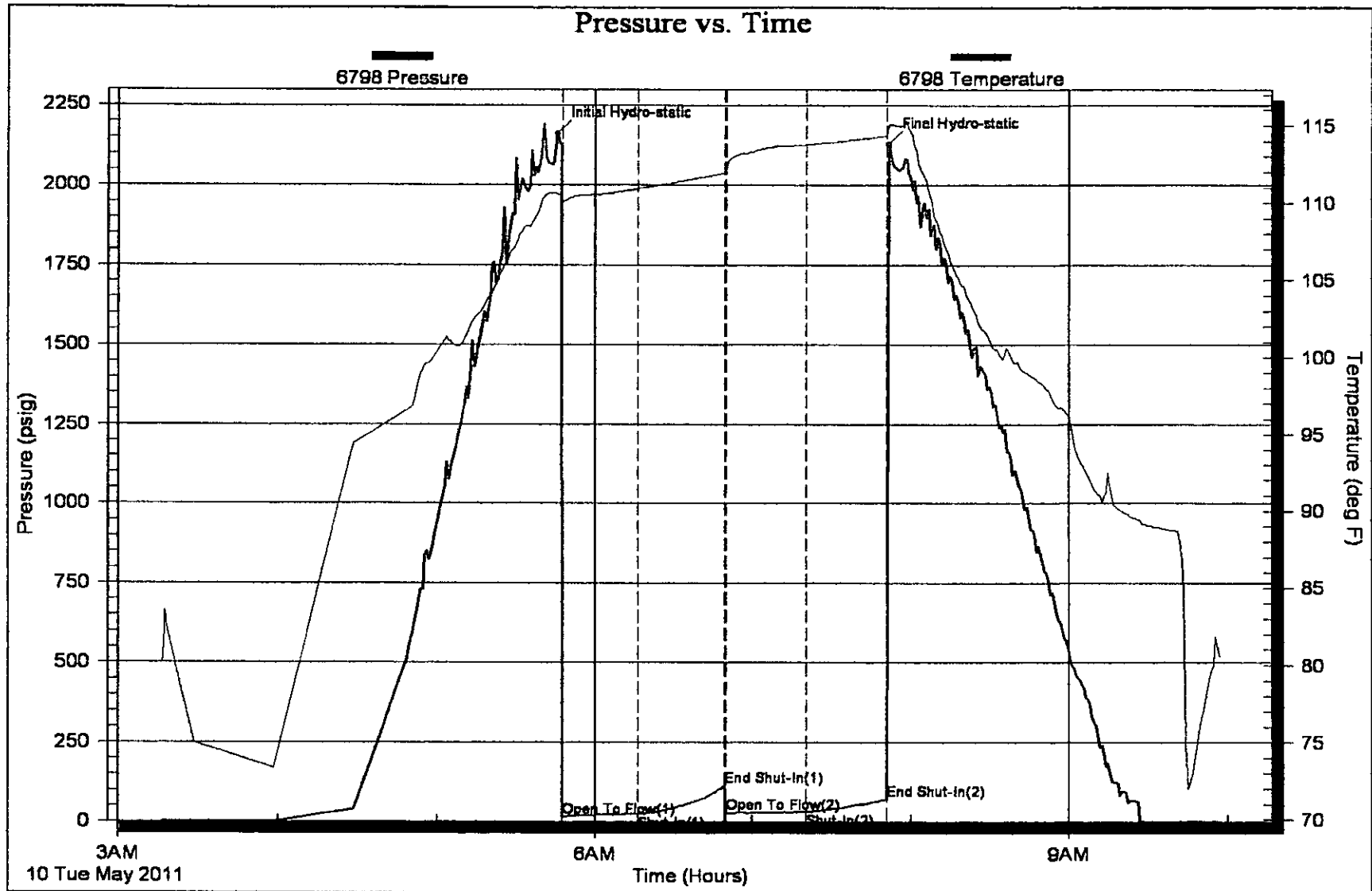
Num Gas Bombs: 0

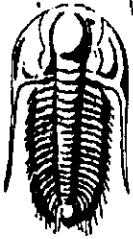
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042441

**DST#: 2**

ATTN: Jeff Christian

Test Start: 2011.05.10 @ 20:17:29

## GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:32:29

Time Test Ended: 04:49:14

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **45**

Interval: **4468.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: **4490.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2251.00 ft (KB)**

**2241.00 ft (CF)**

**KB to GR/CF: 10.00 ft**

**Serial #: 6798**

**Inside**

Press@RunDepth: **124.01 psig @ 4469.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.10**

End Date:

**2011.05.11**

Last Calib.: **2011.05.11**

Start Time: **20:17:30**

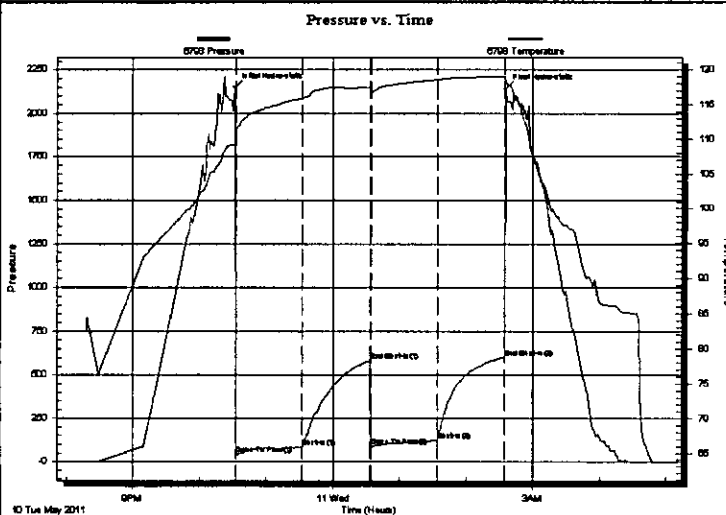
End Time:

**04:49:14**

Time On Btm: **2011.05.10 @ 22:31:29**

Time Off Btm: **2011.05.11 @ 02:35:29**

## TEST COMMENT:



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2149.70	109.05	Initial Hydro-static
1	42.17	111.11	Open To Flow (1)
61	82.54	115.92	Shut-In(1)
122	582.00	117.47	End Shut-In(1)
123	87.06	117.12	Open To Flow (2)
183	124.01	118.55	Shut-In(2)
244	601.23	119.03	End Shut-In(2)
244	2141.69	118.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	4159 Feet GIP	0.00
126.00	Water	0.62
60.00	GSY MCW 40%G 20%M 40%W	0.30
120.00	GSY WCM 14%G 16%W 70%M	1.14

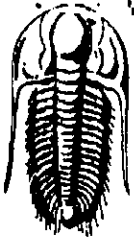
## Gas Rates

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

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TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042441

**DST#: 2**

ATTN: Jeff Christian

Test Start: 2011.05.10 @ 20:17:29

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 10.38 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 6600.00 ppm  
Filter Cake: 0.20 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: 13000 ppm

## Recovery Information

Recovery Table

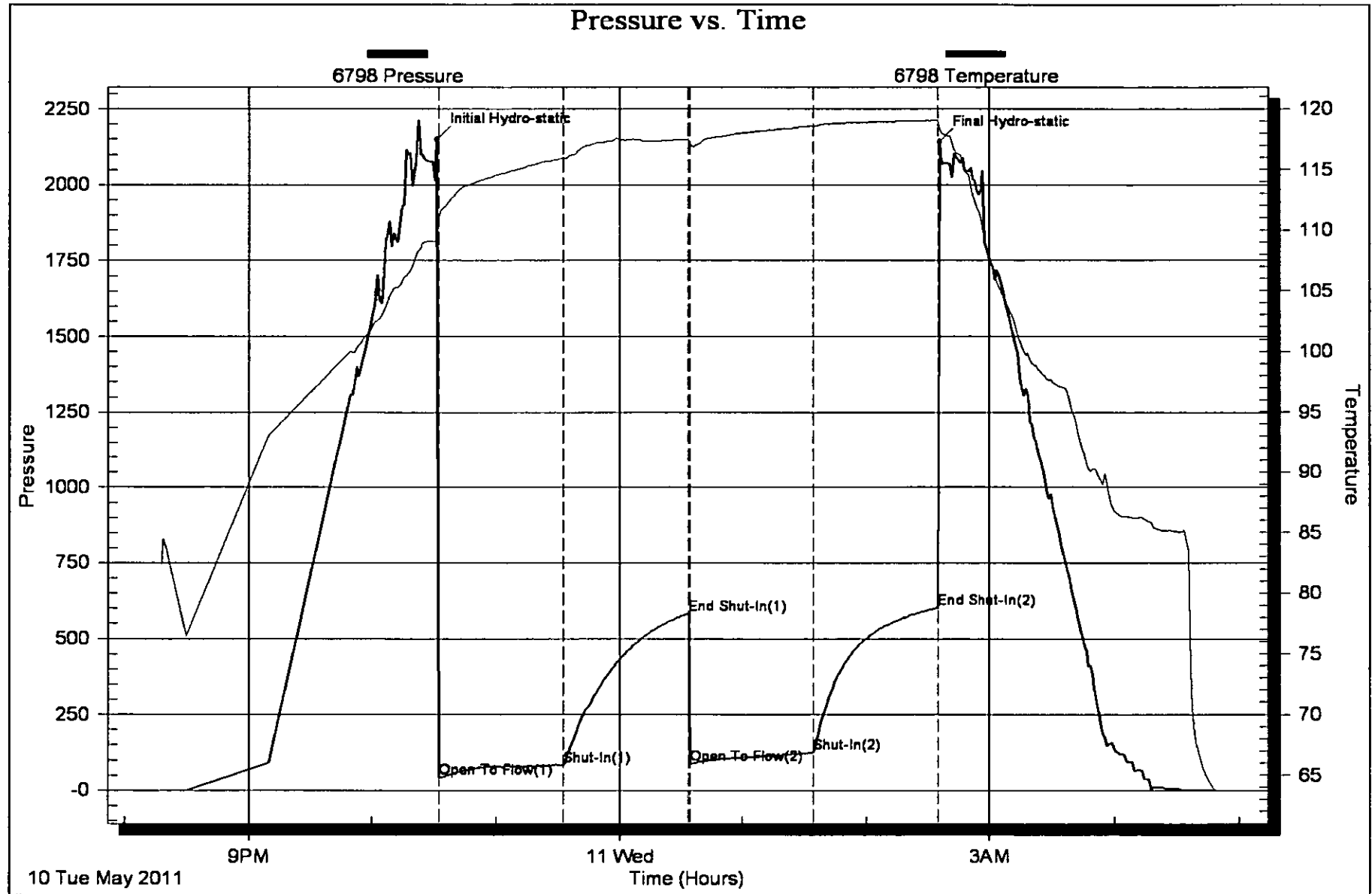
Length ft	Description	Volume bbl
0.00	4159 Feet GIP	0.000
126.00	Water	0.620
60.00	GSY MCW 40%G 20%M 40%W	0.295
120.00	GSY WCM 14%G 16%W 70%M	1.137

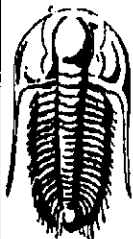
Total Length: 306.00 ft      Total Volume: 2.052 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW was .49 @ 71 degrees





**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042442      **DST#: 3**

ATTN: Jeff Christian

Test Start: 2011.05.12 @ 15:11:58

**GENERAL INFORMATION:**

Formation: **Mississippi**  
 Deviated: **No** Whipstock:                      ft (KB)  
 Time Tool Opened: 17:32:43  
 Time Test Ended: 00:19:43

Test Type: **Conventional Bottom Hole**  
 Tester: **Leal Cason**  
 Unit No: **45**

Interval: **4777.00 ft (KB) To 4808.00 ft (KB) (TVD)**  
 Total Depth: **4808.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2251.00 ft (KB)**  
**2241.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

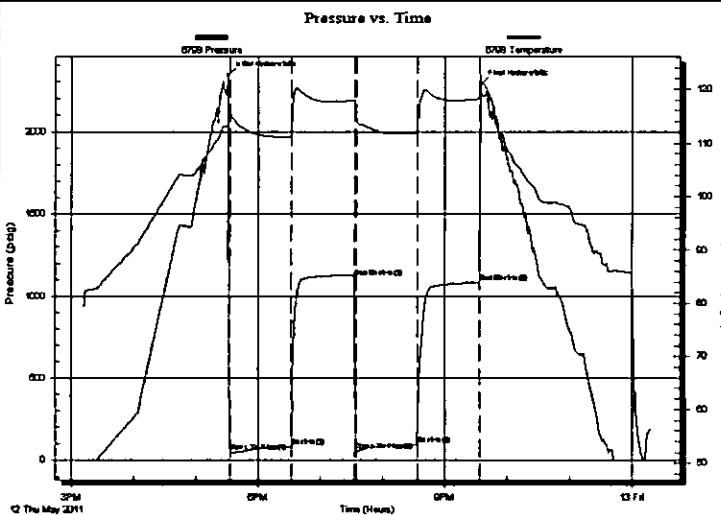
**Serial #: 6798**

**Inside**

Press@RunDepth: **92.15 psig @ 4778.00 ft (KB)**  
 Start Date: **2011.05.12** End Date: **2011.05.13**  
 Start Time: **15:11:59** End Time: **00:19:43**

Capacity: **8000.00 psig**  
 Last Calib.: **2011.05.13**  
 Time On Btm: **2011.05.12 @ 17:30:58**  
 Time Off Btm: **2011.05.12 @ 21:34:28**

**TEST COMMENT:** IF: Strong Blow , BOB in 20 seconds, GTS in 8 minutes, Gauged Gas & Caught Sample  
 IS: Bled Off, No Blow back  
 FF: Strong Blow ,BOB & GTS Immediate, Gauged Gas  
 FS: Bled Off, No Blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2339.88	113.17	Initial Hydro-static
2	52.51	115.42	Open To Flow (1)
61	80.35	111.28	Shut-In(1)
122	1111.22	118.01	End Shut-In(1)
124	58.97	114.49	Open To Flow (2)
183	92.15	111.94	Shut-In(2)
243	1084.97	118.29	End Shut-In(2)
244	2281.84	122.68	Final Hydro-static

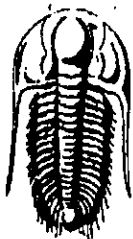
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**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	4636 Feet GIP	0.00
140.00	SOGCM 1%O 5%G 94%M	0.69

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	18.00	51.40
Last Gas Rate	0.25	34.00	76.78
Max. Gas Rate	0.25	34.00	76.78



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042442      **DST#: 3**

ATTN: Jeff Christian

Test Start: 2011.05.12 @ 15:11:58

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8800.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4636 Feet GIP	0.000
140.00	SOGCM 1%O 5%G 94%M	0.688

Total Length: 140.00 ft      Total Volume: 0.688 bbl

Num Fluid Samples: 1      Num Gas Bombs: 0      Serial #:

Laboratory Name: Caraway      Laboratory Location: Liberal, KS

Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042442

**DST#: 3**

ATTN: Jeff Christian

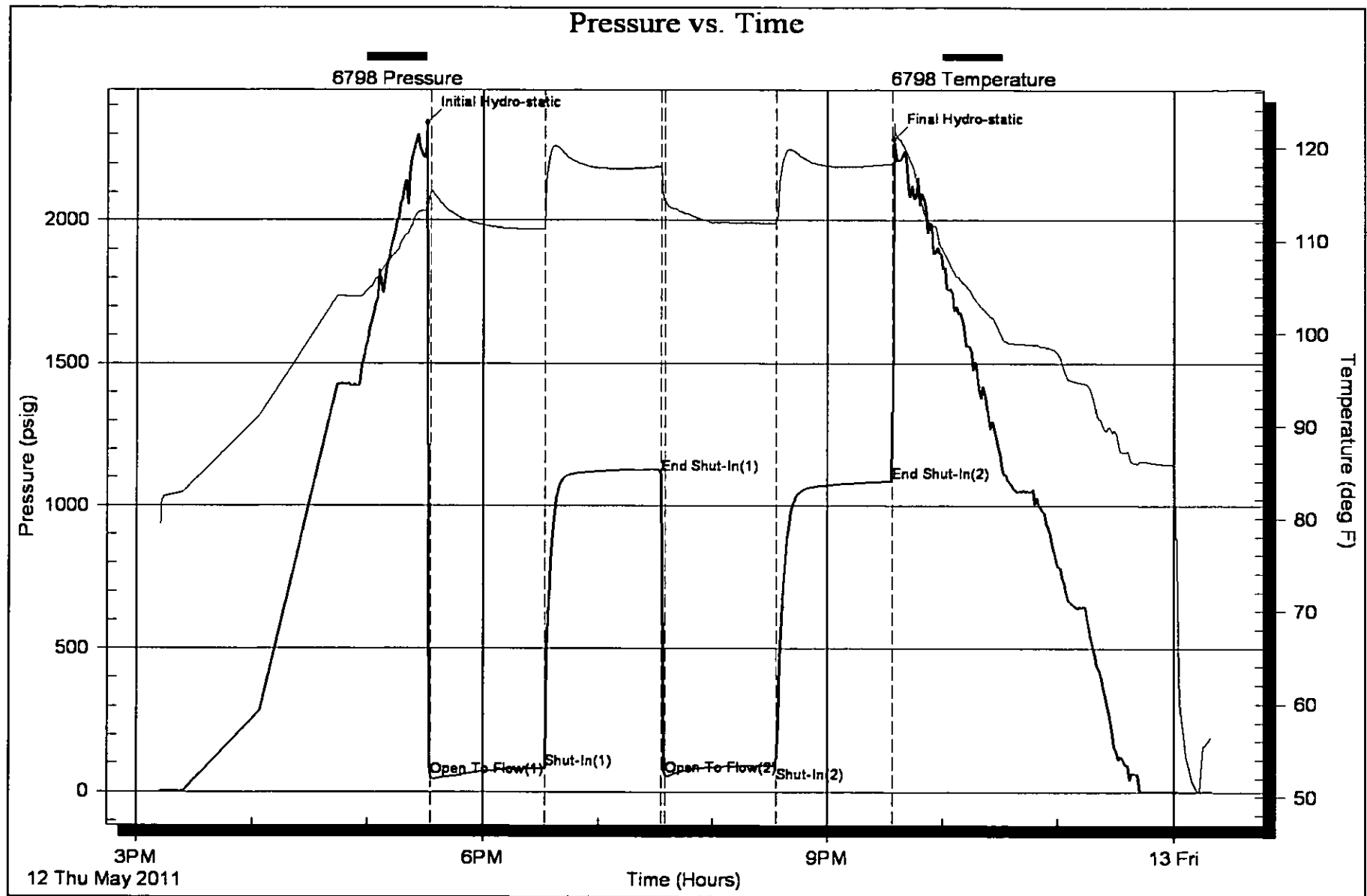
Test Start: 2011.05.12 @ 15:11:58

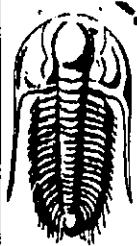
## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.25	18.00	51.40
1	20	0.25	24.00	60.92
1	30	0.25	30.00	70.44
1	40	0.25	34.00	76.78
1	50	0.25	34.00	76.78
1	60	0.25	34.00	76.78
2	10	0.25	24.00	60.92
2	20	0.25	31.00	72.02
2	30	0.25	34.00	76.78
2	40	0.25	34.00	76.78
2	50	0.25	34.00	76.78
2	60	0.25	34.00	76.78





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042443

**DST#: 4**

ATTN: Jeff Christian

Test Start: 2011.05.13 @ 15:14:41

## GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 17:33:26

Time Test Ended: 21:42:11

Interval: **4848.00 ft (KB) To 4867.00 ft (KB) (TVD)**

Total Depth: **4867.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **45**

Reference Elevations: **2251.00 ft (KB)**

**2241.00 ft (CF)**

**KB to GR/CF: 10.00 ft**

**Serial #: 6798**

**Inside**

Press@RunDepth: **30.31 psig @ 4849.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.13**

End Date:

**2011.05.13**

Last Calib.: **2011.05.13**

Start Time: **15:14:42**

End Time:

**21:42:11**

Time On Btm: **2011.05.13 @ 17:31:56**

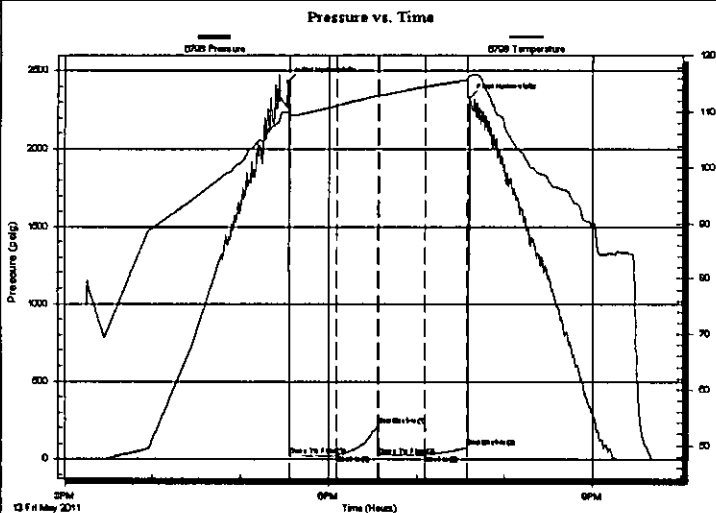
Time Off Btm: **2011.05.13 @ 19:35:41**

**TEST COMMENT:** IF: Weak surface Blow

IS: No Blow back

FF: No Blow

FS: No Blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2427.22	109.99	Initial Hydro-static
2	20.13	109.49	Open To Flow (1)
34	26.52	111.20	Shut-In(1)
62	214.04	112.97	End Shut-In(1)
63	25.07	112.91	Open To Flow (2)
94	30.31	114.54	Shut-In(2)
123	78.09	115.74	End Shut-In(2)
124	2328.05	116.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	DRLG MUD	0.02

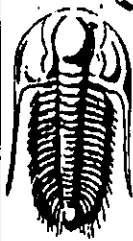
## Gas Rates

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

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 042443

**DST#: 4**

ATTN: Jeff Christian

Test Start: 2011.05.13 @ 15:14:41

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 61.00 sec/qt	Cushion Volume:		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		
Salinity: 10200.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

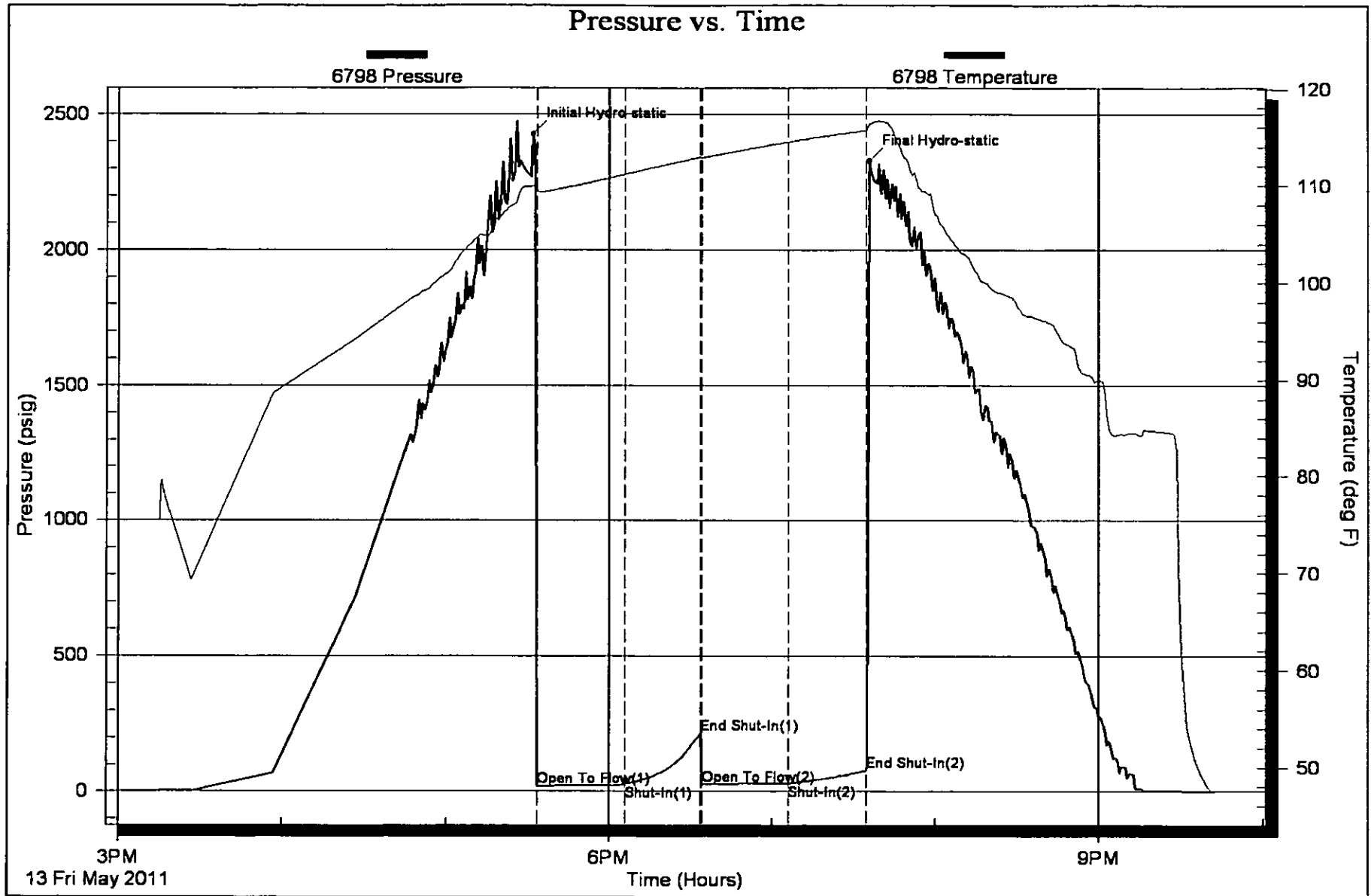
Length ft	Description	Volume bbl
5.00	DRLG MUD	0.025

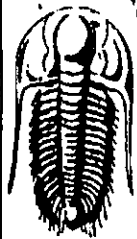
Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

TGT Petroleum Corporation

Sons #1

PO Box 75097  
Wichita, KS 67275

7-28S-18W Kiowa

Job Ticket: 37468

DST#: 5

ATTN: Jeff Christian

Test Start: 2011.05.15 @ 08:05:29

## GENERAL INFORMATION:

Formation: **Lans. H**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 10:16:59  
 Time Test Ended: 17:20:29

Test Type: **Conventional Bottom Hole**  
 Tester: **Gary Pevoteaux**  
 Unit No: **56**

Interval: **4421.00 ft (KB) To 4436.00 ft (KB) (TVD)**  
 Total Depth: **5009.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2251.00 ft (KB)**  
**2241.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

Serial #: **8672**

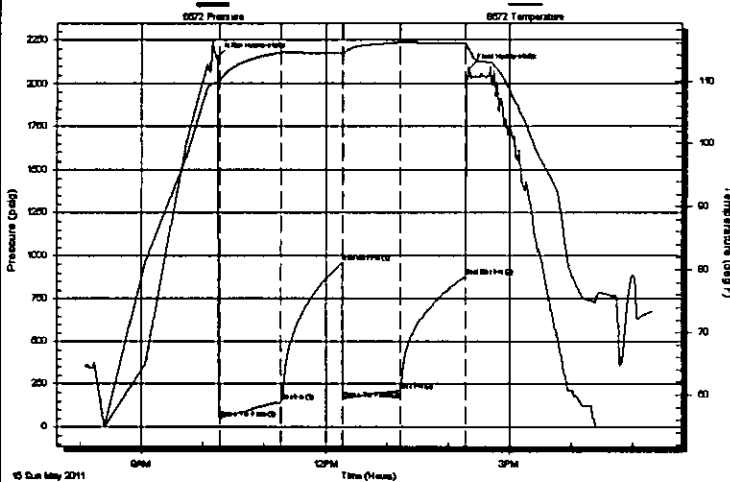
Inside

Press@RunDepth: **212.15 psig @ 4422.00 ft (KB)**  
 Start Date: **2011.05.15** End Date: **2011.05.15**  
 Start Time: **08:05:34** End Time: **17:20:29**

Capacity: **8000.00 psig**  
 Last Calib.: **2011.05.15**  
 Time On Btm: **2011.05.15 @ 10:14:14**  
 Time Off Btm: **2011.05.15 @ 14:19:59**

TEST COMMENT: IF: Strong blow . B.O.B. in 1 min.  
 IS: Weak blow . 1 - 5".  
 FF: Strong blow . B.O.B. in 21 mins.  
 FS: Weak blow . 1 - 4".

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.43	109.80	Initial Hydro-static
3	47.27	109.88	Open To Flow (1)
63	146.04	114.49	Shut-In(1)
122	962.35	114.40	End Shut-In(1)
123	159.53	114.14	Open To Flow (2)
179	212.15	116.09	Shut-In(2)
243	882.33	115.90	End Shut-In(2)
246	2088.53	114.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
315.00	SW/Rw .1 ohms@70deg	2.18
85.00	OCMW 5%o 31%M 64%w	1.19
40.00	CGO 6%g 94%o	0.56
0.00	1890 ft. of GIP	0.00

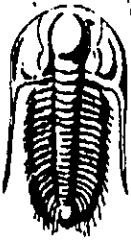
## Gas Rates

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

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

TGT Petroleum Corporation

**Sons #1**

PO Box 75097  
Wichita, KS 67275

**7-28S-18W Kiowa**

Job Ticket: 37468

**DST#: 5**

ATTN: Jeff Christian

Test Start: 2011.05.15 @ 08:05:29

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

43.9 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

79000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11200.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
315.00	SW/Rw .1 ohms@70deg	2.178
85.00	OCMW 5%o 31%M 64%w	1.192
40.00	CGO 6%g 94%o	0.561
0.00	1890 ft.of GIP	0.000

Total Length: 440.00 ft

Total Volume: 3.931 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

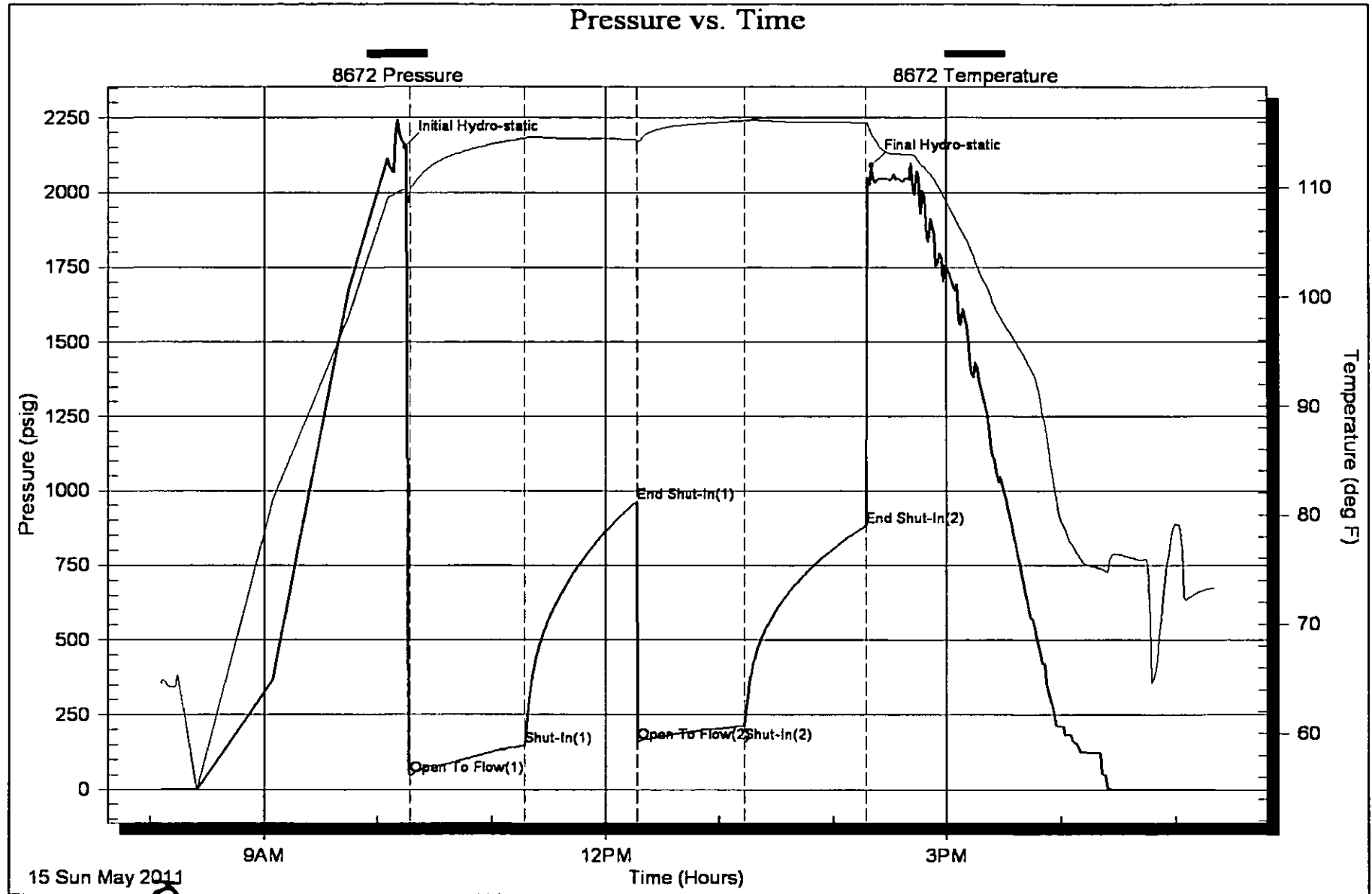
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





15 Sun May 2011

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