

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 SIOW
 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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
5/20/11	06/02/11	NA

API No. 15 - 097-21690-00-00
Spot Description: 2310' FNL & 1000' FEL
SW SE NE Sec. 31 Twp. 27 S. R. 18 East West
2,310 Feet from North / South Line of Section
1,000 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kiowa
Lease Name: Rice "D" Well #: 9
Field Name: Einsel
Producing Formation: _____
Elevation: Ground: 2211' Kelly Bushing: 2221'
Total Depth: 4979' 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 #: 90-570-6

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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 III Approved by: Dlg Date: 3/7/12

Operator Name: TGT Petroleum Corporation Lease Name: Rice "D" Well #: 9
 Sec. 31 Twp. 27 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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>3697'</td> <td>(-1476)</td> </tr> <tr> <td>Heebner</td> <td>4038'</td> <td>(-1817)</td> </tr> <tr> <td>Brown Lime</td> <td>4191'</td> <td>(-1970)</td> </tr> <tr> <td>Lansing</td> <td>4200'</td> <td>(-1979)</td> </tr> <tr> <td>BKC</td> <td>4588'</td> <td>(-2367)</td> </tr> <tr> <td>Cherokee</td> <td>4719'</td> <td>(-2498)</td> </tr> <tr> <td>Mississippian</td> <td>4758'</td> <td>(-2537)</td> </tr> <tr> <td>Kinderhook Sd.</td> <td>4831'</td> <td>(-2610)</td> </tr> <tr> <td>Viola</td> <td>4920'</td> <td>(-2699)</td> </tr> </table>	Name	Top	Datum	Topeka	3697'	(-1476)	Heebner	4038'	(-1817)	Brown Lime	4191'	(-1970)	Lansing	4200'	(-1979)	BKC	4588'	(-2367)	Cherokee	4719'	(-2498)	Mississippian	4758'	(-2537)	Kinderhook Sd.	4831'	(-2610)	Viola	4920'	(-2699)
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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
Surface	12 1/4"	8 5/8"	24#	501'	60/40 Pos A-Ser Lt	470	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	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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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PAGE 1 of 1	CUST NO 1004250	INVOICE DATE 06/07/2011
INVOICE NUMBER 1718 - 90614483		

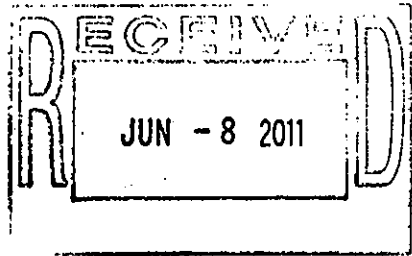
Pratt (620) 672-1201
 B TGT PETROLEUM CORP
 I PO Box: 75097
 L WICHITA
 L KS US 67275
 T
 O ATTN:

J LEASE NAME Rice D 9
 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
40328559	19842		Net - 30 days	07/07/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 06/03/2011 to 06/03/2011</i>				
0040328559				
171804289A Cement-New Well Casing/Pi 06/03/2011 P.T.A.				
60/40 POZ	170.00	EA	9.24	1,570.92 T
Cement Gel	294.00	EA	0.19	56.60 T
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

516-01-37



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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		

Customer: TGT PETRO.	Lease No.	Date: 6-3-2011
Lease: RICE'D	Well # 9	
Field Order # 4289	Station PRATT, Ks.	Casing
Type Job CNW - P.T.A.	Formation	Legal Description 31-27-18
	Depth	County KIDWA State Ks.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	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: K. LESLEY
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Service Units	19870	19889	19842	19832	19862				
Driver Names	LESLEY	MITCHELL	—	BRUNGARDT	—				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:45AM					ON LOCATION - SAFETY MEETING
6:25AM					1 ST PLUG : 1200' w/ 50 SK
6:28AM	100		15	5	H ₂ O AHEAD
6:32AM	100		12.5	5	MIX 50SK @ 13.78 PPG
6:35AM	50		10	5	H ₂ O BEHIND CMT.
7:00AM					2 ND PLUG : 530' w/ 50 SK
7:05AM	50		5	4	H ₂ O AHEAD
7:07AM	50		12.5	4	MIX CMT @ 13.78 PPG
7:10AM	0		1	4	H ₂ O BEHIND CMT
7:23AM					3 RD PLUG : 60' w/ 80 SKS
7:30AM			5	3	MIX 20SK @ 13.78 PPG
7:32AM					CEMENT TO SURFACE
7:50AM			6.4		PLUG R.H. & M.H.

JOB COMPLETE,
THANKS -
KEVEN LESLEY

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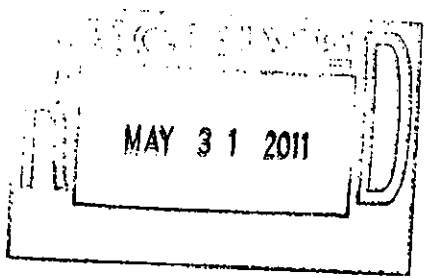
PAGE 1 of 1	CUST NO 1004250	INVOICE DATE 05/27/2011
INVOICE NUMBER 1718 - 90607315		

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

J LEASE NAME Rice 'D' 9
 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
40324943	19905		Net - 30 days	06/26/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/21/2011 to 05/21/2011</i>				
0040324943				
516-01-05				
171804096A Cement-New Well Casing/Pi 05/21/2011 Surface				
A Serv Lite	170.00	EA	10.01	1,701.59 T
Cement	100.00	EA	9.24	923.94 T
Cello-flake(POLEFLAKE-C)	68.00	EA	2.85	193.72 T
Calcium Chloride	1,266.00	EA	0.81	1,023.50 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	173.24	173.24
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
Heavy Equipment Mileage	105.00	MI	5.39	565.91
Proppant and Bulk Delivery Charge	739.00	MI	1.23	910.39
Blending & Mixing Service Charge	470.00	MI	1.08	506.63
Unit Mileage Charge-Pickups, Vans & Cars	35.00	HR	3.27	114.53
Plug Container Utilization Charge	1.00	EA	192.49	192.49
Depth Charge; 0-500'	1.00	HR	769.95	769.95
Service Supervisor	1.00	HR	134.74	134.74
Common	200.00	EA	12.32	2,463.86 T



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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,943.97
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	460.38
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	10,404.35
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Customer G T Petroleum Corporation	Lease No. Rice "D"	Date 5-20-11
Lease Rice "D"	Well # 9	
Field Order # 4096	Station Pratt, Kansas	Casing 8 7/8" 23 1/2"
Type Job C.N.W. - Surface	Depth 50 Feet	County Tiowa
	Formation	State Kansas
		Legal Description 31-275-18W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
8 7/8" Size	Tubing Size	Shots/Ft	170 sacks	A-Serv Lite	with	RATE	PRESS	ISIP
50 Feet	Depth	From	To	38 Calcium Chloride	.25 Lb./St	Cellflats	5 Min.	
31.9 Bbl.	Volume	From	To	13.6 Lb. Gal., 7.69 Gall	Min.	1.56 CU.FT./St	10 Min.	
300	Max Press	From	To	100 sacks 60/40 Poz with 28 Gel	38 Calcium Chloride	.25 Lb./St	Cellflats	15 Min.
46 Feet	Annulus Vol.	From	To	14.8 Lb. Gal., 5.18 Gal./St.	MHP Used	1.2 CU.FT./St.	Annulus Pressure	
46 Feet	Packer Depth	From	To	Flush	29.3 Bbl. Fresh Water	Gas Volume	Total Load	

Customer Representative: **Jeremy Butler** Station Manager: **David Scott** Preparer: **Clarence R. Messick**

Service Units	37,216	19,903	19,905	19,832	19,862
Driver Names	Messick	Mattal	Hunter		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:45					Trucks on location and hold safety meeting.
8:00					Pictorial Drilling start to run shoe joint with Baffle Plate screwed into collar and a total of 21 Joints new limited Service 23 Lb./Ft. 8 5/8" casing. A centralizer was installed and welded in place above collars # 3 and # 7.
9:45					Casing in well. Circulate for 5 minutes.
9:55	200			5	Start Fresh water Pre-Flush.
	225		10	5	Start Mixing 170 sacks A-Serv Lite cement.
	150		57	5	start mixing 100 sacks 60/40 Poz cement.
	-0-		78		Stop pumping. Shut in well. Release Rubber Plug. Open Well. RECEIVED FEB 29 2012
10:15	100			5	Start Fresh water Displacement.
10:22	300		29.3		Plugdown. Shut in well. KCC WICHITA
1:00					Did not circulate cement. Order cement for 1". Cement on location. Run 1" tubing. Tag cement 108 Feet down from Ground level.
1:30		400		1	Start mix commancement with 38 Calcium Chloride.
2:20			42		Cement circulated to cellar. Stop mixing. Could not pull 1" tubing. Unscrew 3 of 6 Joints in well and pull them out. Washup pump truck and monitor cellar. Cellar stayed full. 200 SIC Common Cement 3% CC.
					Job Complete
					Thank You.



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 04096 A

31-275-18W

DATE _____ TICKET NO. _____

DATE OF JOB: 5-20-11	DISTRICT: Pratt, Kansas	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: TGT Petroleum Corporation		LEASE: Rice "D"		WELL NO. 9				
ADDRESS:		COUNTY: Kiowa		STATE: Kansas				
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; Jr Hunter				
AUTHORIZED BY:		JOB TYPE: C.N.W. - Surface						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
37,216							5-20-11	AM 5:00
						ARRIVED AT JOB	5-20-11	AM 7:45
19,903-19,905	2					START OPERATION	5-20-11	AM 10:00
						FINISH OPERATION	5-21-11	PM 3:00
19,932-19,962	2					RELEASED	5-20-11	PM 3:30
						MILES FROM STATION TO WELL	35	

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
CP106	Aserv Lite Cement	skt	170		2210.00
CP103	60/40 Poz Cement	skt	100		1200.00
CP100	COMMON CEMENT	skt	200		3200.00
CC102	Cell Plate	Lb	68		251.60
CC109	Calcium Chloride	Lb	702		737.10
CC109	Calcium Chloride	Lb	564		592.20
CF105	Top Rubber Plug, 8 5/8"	ea	1		225.00
CF753	Baffle Plate, 8 5/8"	ea	1		170.00
CF1753	Centralizer, 8 5/8"	ea	2		180.00
E100	Pickup Mileage	mi	35		148.75
E101	Heavy Equipment Mileage	mi	105		735.00
E113	Bulk Delivery	tm	2.39		1181.60
CE200	Cement Pump: 0 Feet To 500 Feet	hrs	4	RECEIVED	1000.00
CE240	Blending and mixing Service	skt	470	FEB 29 2012	658.00
CE504	Plug Container	Job	1		250.00
5003	Service Supervisor	hrs	8	KCC WICHITA	175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		19	\$ 9943.97
SERVICE & EQUIPMENT	% TAX ON \$		
MATERIALS	% TAX ON \$		
TOTAL			

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

FIELD SERVICE ORDER NO.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37485

DST#: 1

ATTN: Jeff Christian

Test Start: 2011.05.27 @ 15:05:36

GENERAL INFORMATION:

Formation: **Kansas city I**

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

Time Tool Opened: 18:48:51

Time Test Ended: 00:18:06

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4404.00 ft (KB) To 4424.00 ft (KB) (TVD)**

Total Depth: **4424.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2221.00 ft (KB)**

2211.00 ft (CF)

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

Serial #: **8166**

Outside

Press@RunDepth: **96.80 psig @ 4405.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.27**

End Date:

2011.05.28

Last Calib.: **2011.05.28**

Start Time: **15:05:41**

End Time:

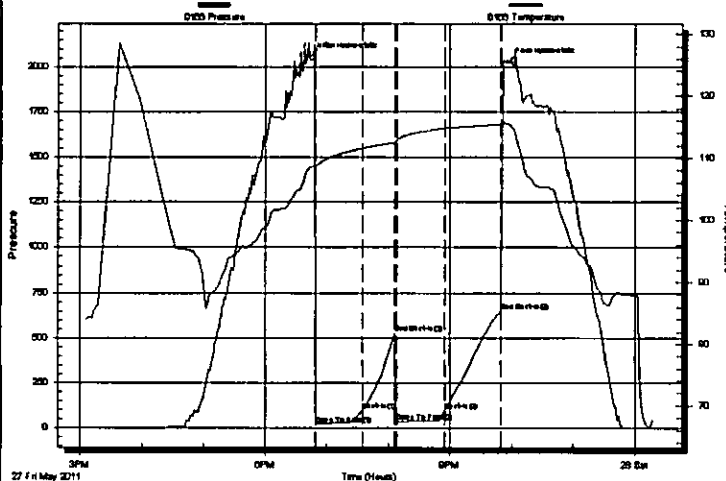
00:18:06

Time On Btm: **2011.05.27 @ 18:42:51**

Time Off Btm: **2011.05.27 @ 21:55:51**

TEST COMMENT: IF: Fair blow 5 1/2" 30 min
IS: No blow back
FF: Strong blow BOB in 35 min
FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.07	108.55	Initial Hydro-static
6	19.37	108.76	Open To Flow (1)
52	97.26	111.59	Shut-In(1)
84	525.24	112.54	End Shut-In(1)
85	33.23	112.90	Open To Flow (2)
132	96.80	114.77	Shut-In(2)
187	648.47	115.37	End Shut-In(2)
193	2028.15	115.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	310 GIP	0.00
120.00	G,W,M 15%gas 25%water 60% mud	0.59

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37485

DST#: 1

ATTN: Jeff Christian

Test Start: 2011.05.27 @ 15:05:36

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 39.00 sec/qt

Water Loss: 15.12 in³

Resistivity: 0.00 ohm.m

Salinity: 5300.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	310 GIP	0.000
120.00	G,W,M 15%gas 25%water 60% mud	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

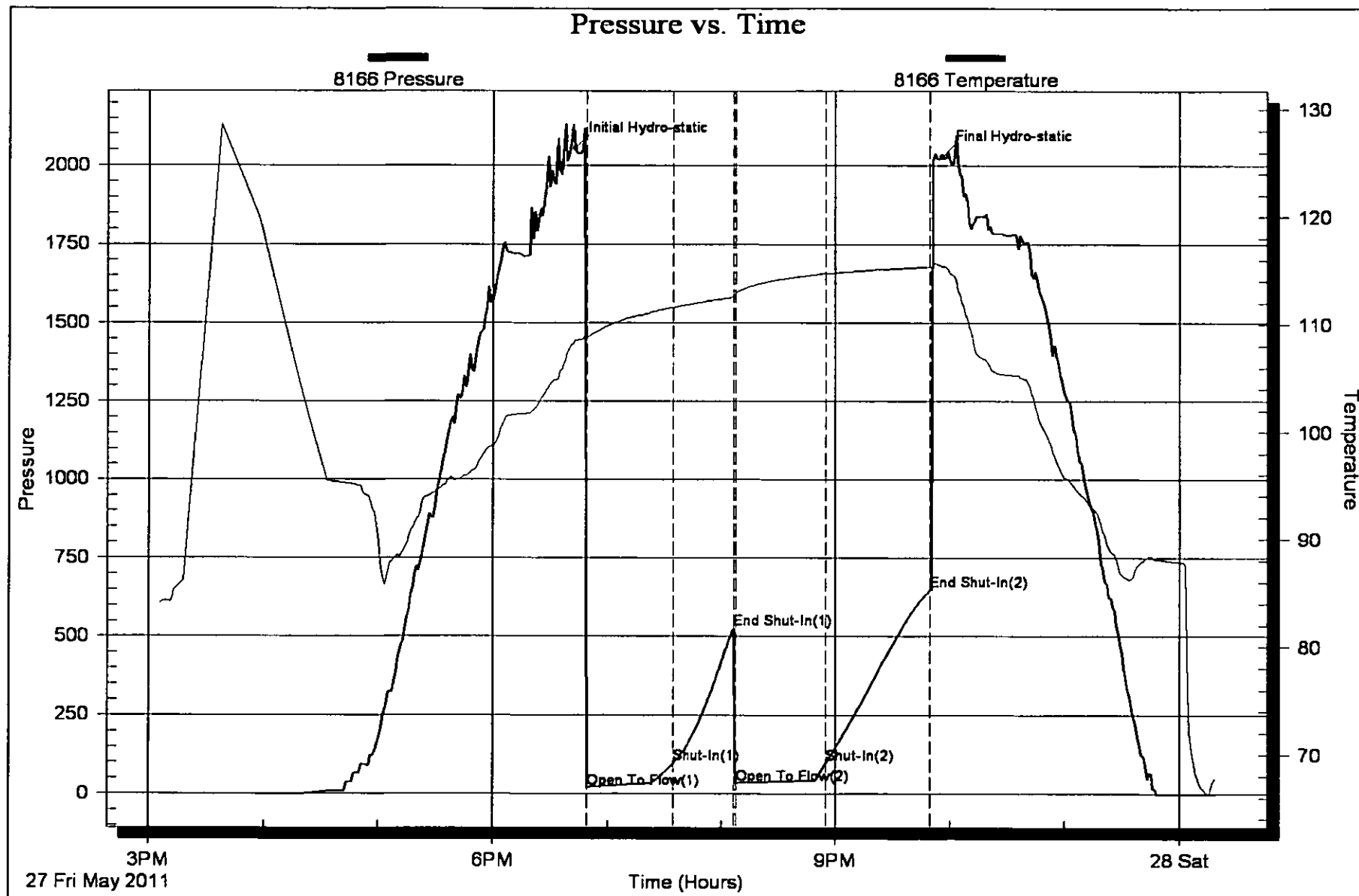
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37486

DST#: 2

ATTN: Jeff Christian

Test Start: 2011.05.28 @ 09:48:47

GENERAL INFORMATION:

Formation: **KC Lower I**

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

Time Tool Opened: 12:31:02

Time Test Ended: 17:02:17

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4426.00 ft (KB) To 4448.00 ft (KB) (TVD)**

Reference Elevations: **2221.00 ft (KB)**

Total Depth: **4424.00 ft (KB) (TVD)**

2211.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

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

Serial #: **8166**

Outside

Press@RunDepth: **50.67 psig @ 4427.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.28**

End Date:

2011.05.28

Last Calib.: **2011.05.28**

Start Time: **09:48:52**

End Time:

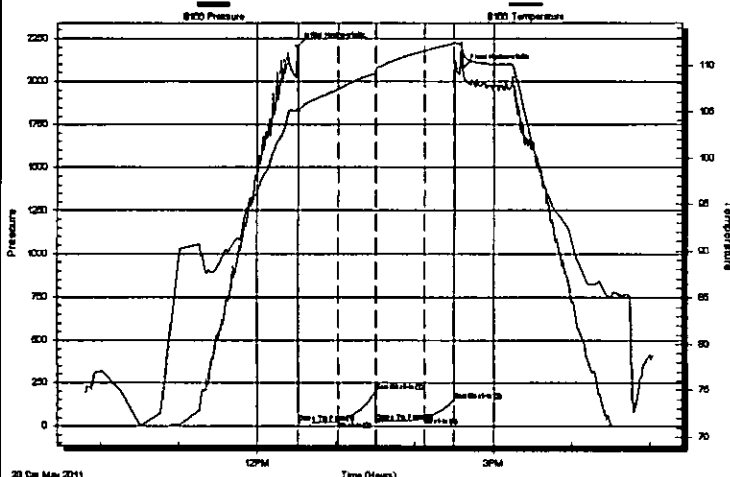
17:02:16

Time On Btm: **2011.05.28 @ 12:30:02**

Time Off Btm: **2011.05.28 @ 14:36:47**

TEST COMMENT: IF: Weak blow 3" 30 min
IS: No blow back
FF: Weak blow 1 1/2" 30 min
FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.63	105.23	Initial Hydro-static
1	17.35	104.79	Open To Flow (1)
32	29.93	107.40	Shut-in(1)
60	199.07	109.08	End Shut-in(1)
61	24.36	109.45	Open To Flow (2)
98	50.67	111.54	Shut-in(2)
120	148.77	112.30	End Shut-in(2)
127	2077.67	111.42	Final Hydro-static

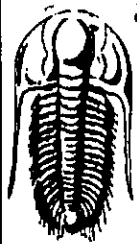
Recovery

Length (ft)	Description	Volume (bbl)
0.00	60' GIP	0.00
30.00	GWM 5% gas 15% water 80% mud	0.15

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 Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37486

DST#: 2

ATTN: Jeff Christian

Test Start: 2011.05.28 @ 09:48:47

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: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	60' GIP	0.000
30.00	GWM 5% gas 15% water 80% mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

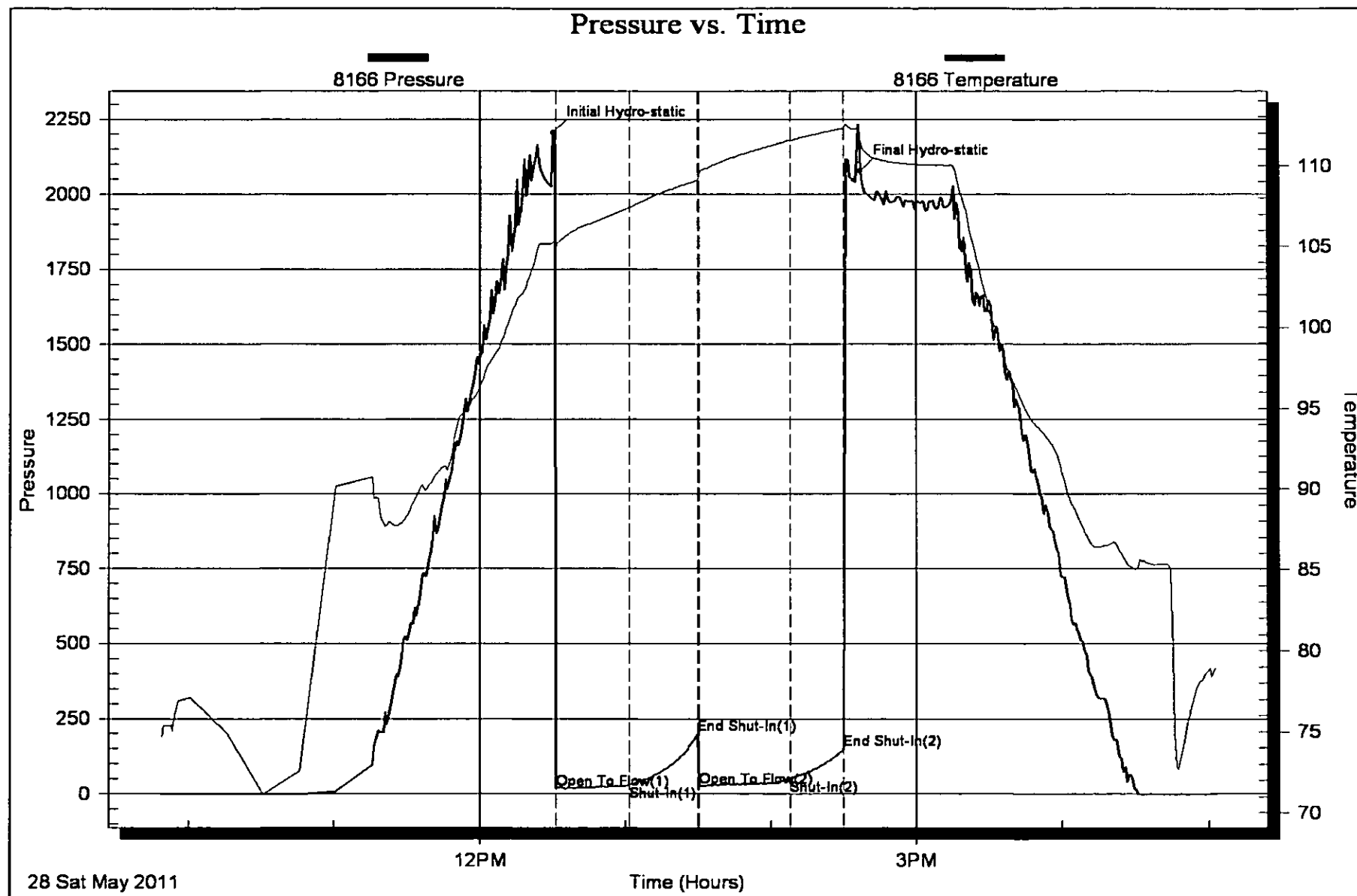
Num Gas Bombs: 0

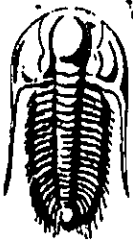
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37487

DST#: 3

ATTN: Jeff Christian

Test Start: 2011.05.30 @ 04:42:03

GENERAL INFORMATION:

Formation: **Cherokee**

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

Time Tool Opened: 08:11:18

Time Test Ended: 12:14:03

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

Interval: **4718.00 ft (KB) To 4760.00 ft (KB) (TVD)**

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4760.00 ft (KB) (TVD)

2211.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: **8166**

Outside

Press@RunDepth: 25.76 psig @ 4719.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.30

End Date:

2011.05.30

Last Calib.: 2011.05.30

Start Time: 04:42:08

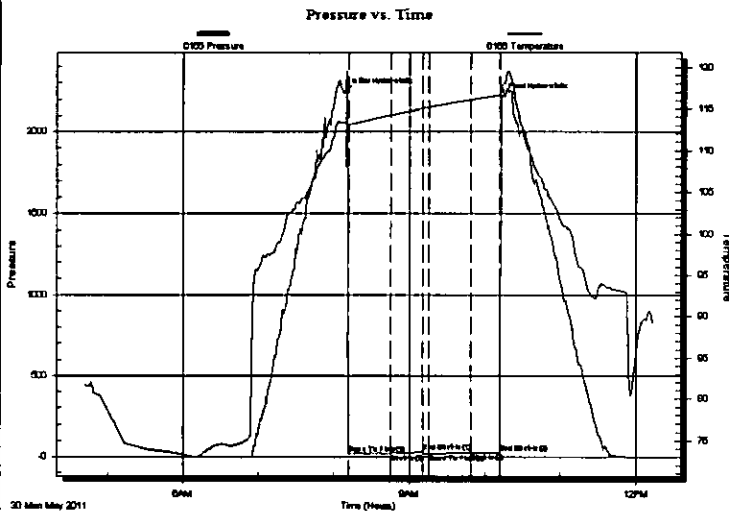
End Time:

12:14:02

Time On Btm: 2011.05.30 @ 08:08:18

Time Off Btm: 2011.05.30 @ 10:12:48

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	2239.34	113.34	Initial Hydro-static
3	19.88	113.03	Open To Flow (1)
37	22.85	114.24	Shut-In(1)
63	30.45	115.05	End Shut-In(1)
67	19.96	115.17	Open To Flow (2)
101	25.76	116.09	Shut-In(2)
124	29.01	116.64	End Shut-In(2)
125	2207.50	117.43	Final Hydro-static

Recovery

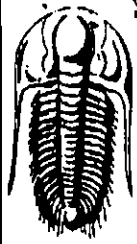
Length (ft)	Description	Volume (bbl)
2.00	MUD 100%	0.01

Gas Rates

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37487

DST#: 3

ATTN: Jeff Christian

Test Start: 2011.05.30 @ 04:42:03

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	MUD 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

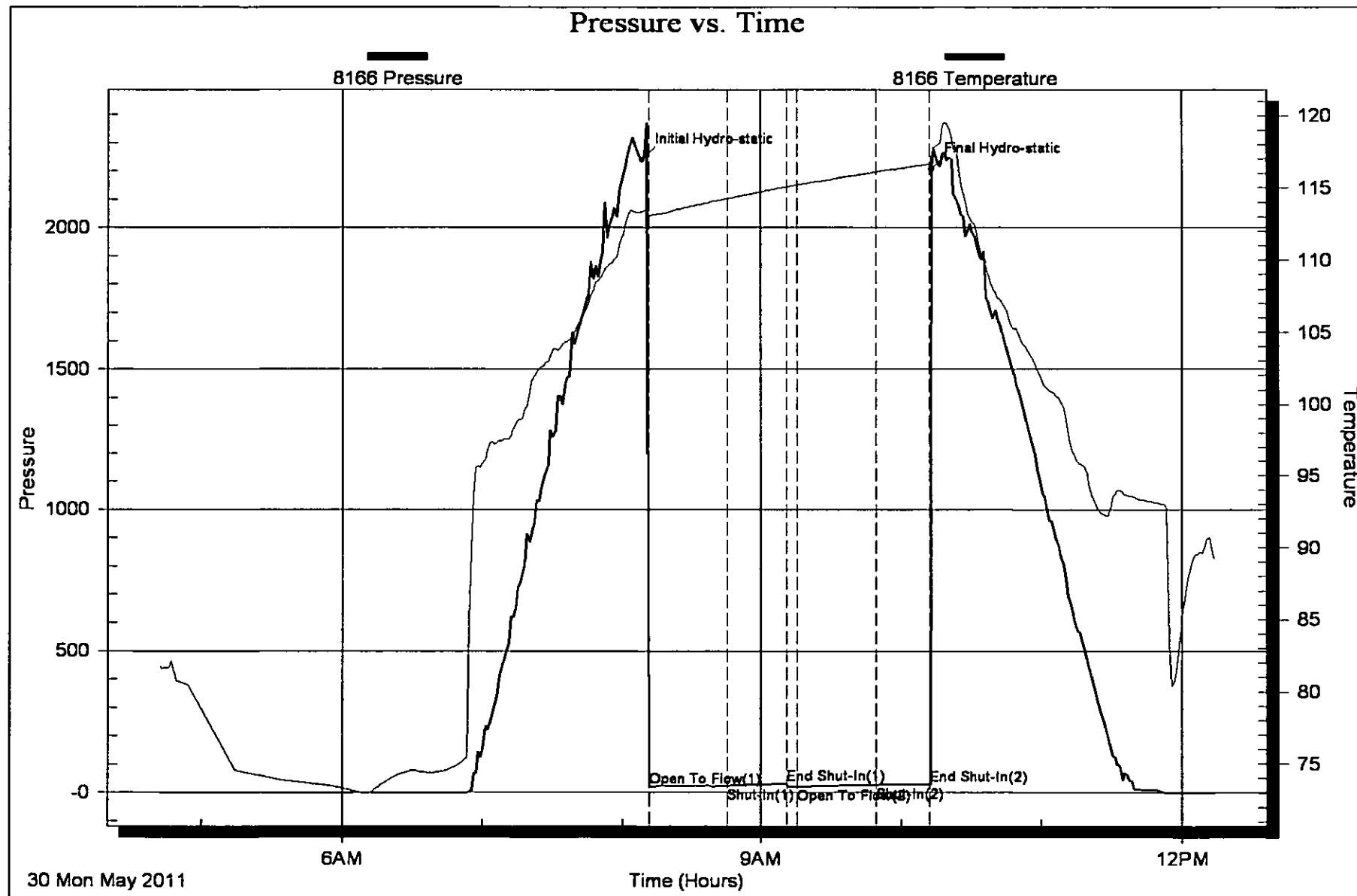
Num Gas Bombs: 0

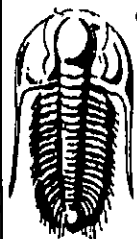
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37488

DST#: 4

ATTN: Jeff Christian

Test Start: 2011.05.30 @ 19:28:06

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 22:07:21

Time Test Ended: 04:50:51

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4746.00 ft (KB) To 4778.00 ft (KB) (TVD)**

Total Depth: **4778.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2221.00 ft (KB)**

2211.00 ft (CF)

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

Serial #: **8166**

Outside

Press@RunDepth: **82.37 psig @ 4747.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.30**

End Date:

2011.05.31

Last Calib.: **2011.05.31**

Start Time: **19:28:11**

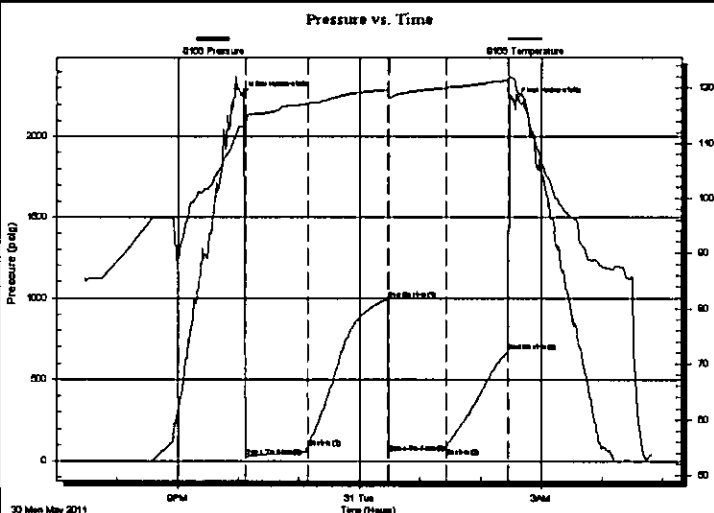
End Time:

04:50:51

Time On Btm: **2011.05.30 @ 22:02:51**

Time Off Btm: **2011.05.31 @ 02:32:51**

TEST COMMENT: IF: Strong blow BOB 3 min
IS: No blow back Left shut in 80 min because of weather
FF: Strong blow BOB 2 sec
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.80	113.08	Initial Hydro-static
5	25.31	113.59	Open To Flow (1)
66	84.73	117.17	Shut-In(1)
145	991.94	119.58	End Shut-In(1)
147	48.08	118.15	Open To Flow (2)
203	82.37	119.94	Shut-In(2)
264	669.54	121.33	End Shut-In(2)
270	2218.42	121.65	Final Hydro-static

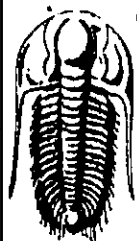
Recovery

Length (ft)	Description	Volume (bbl)
0.00	1302' GIP	0.00
120.00	o,g,m 20% oil 30% gas 50% mud	0.59
60.00	m,g,o 20% gas 20% mud 60% oil	0.30

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 Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37488

DST#: 4

ATTN: Jeff Christian

Test Start: 2011.05.30 @ 19:28:06

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: 71.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11.10 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1302' GIP	0.000
120.00	o,g,m 20% oil 30% gas 50% mud	0.590
60.00	m,g,o 20% gas 20% mud 60% oil	0.295

Total Length: 180.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 0

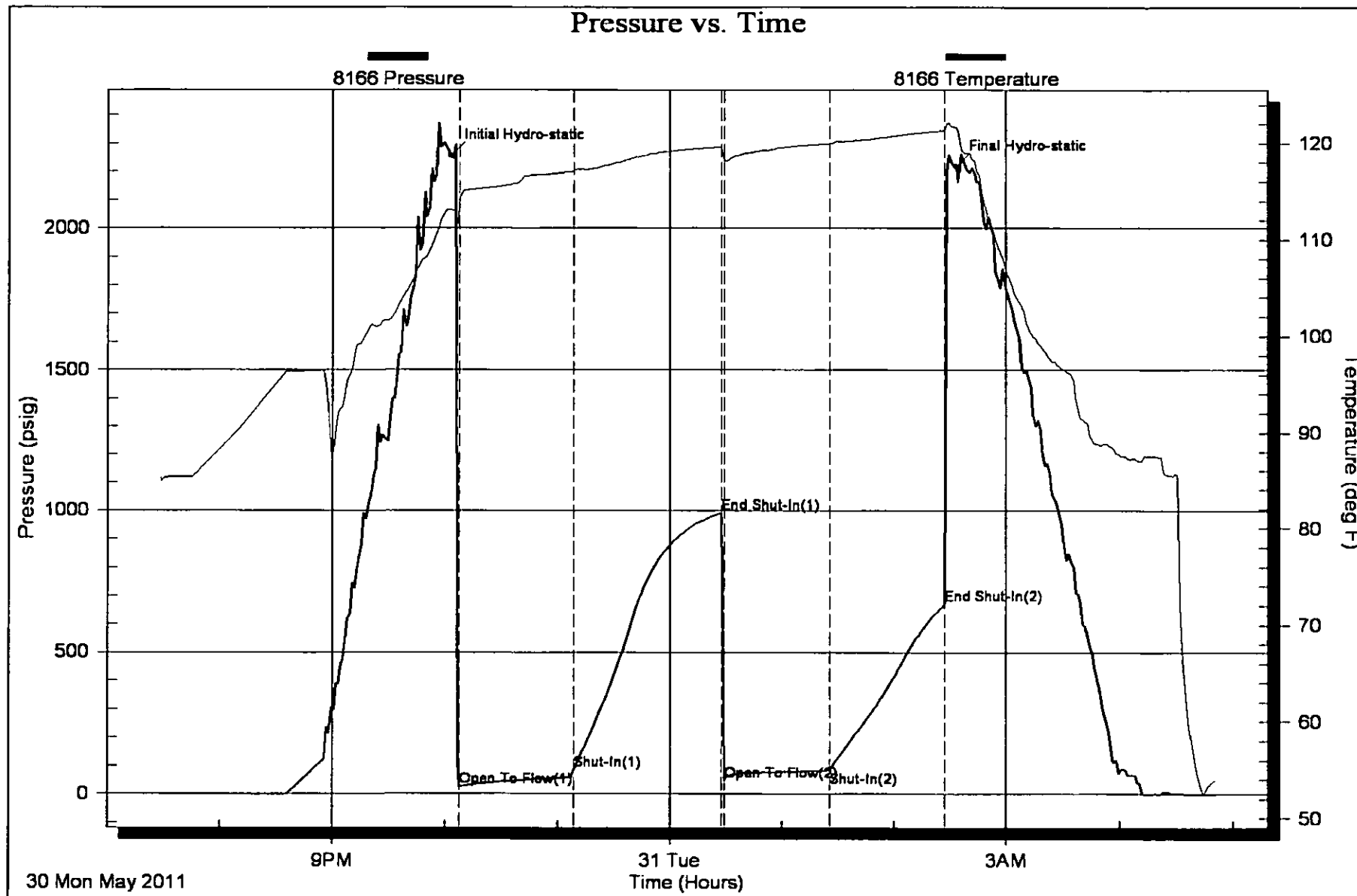
Num Gas Bombs: 0

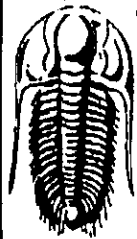
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
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DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37489

DST#: 5

ATTN: Jeff christian

Test Start: 2011.05.31 @ 20:04:46

GENERAL INFORMATION:

Formation: **Kinderhook**

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

Time Tool Opened: 22:51:16

Time Test Ended: 02:44:16

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4825.00 ft (KB) To 4838.00 ft (KB) (TVD)**

Reference Elevations: **2221.00 ft (KB)**

Total Depth: **4838.00 ft (KB) (TVD)**

2211.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

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

Serial #: **8166**

Outside

Press@RunDepth: **88.74 psig @ 4826.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.05.31**

End Date:

2011.06.01

Last Calib.: **1899.12.30**

Start Time: **20:04:51**

End Time:

02:44:15

Time On Btm: **2011.05.31 @ 22:49:46**

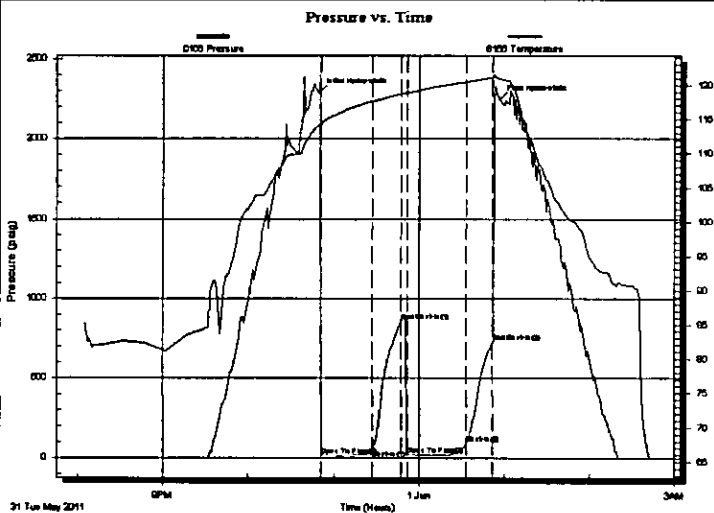
Time Off Btm: **2011.06.01 @ 00:56:31**

TEST COMMENT: IF: Weak blow 1/2" 30 min

IS: No blow back

FF: No blow

FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.11	114.10	Initial Hydro-static
2	14.65	113.89	Open To Flow (1)
37	52.73	117.61	Shut-In (1)
58	854.91	118.75	End Shut-In (1)
62	18.92	118.80	Open To Flow (2)
104	88.74	120.49	Shut-In (2)
122	722.65	121.15	End Shut-In (2)
127	2247.43	120.93	Final Hydro-static

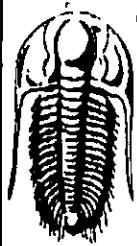
Recovery

Length (ft)	Description	Volume (bbl)
2.00	W,M 20 % water 80% mud	0.01

Gas Rates

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37489

DST#: 5

ATTN: Jeff christian

Test Start: 2011.05.31 @ 20:04:46

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 89.00 sec/qt

Water Loss: 14.39 in³

Resistivity: 0.00 ohm.m

Salinity: 15800.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	W,M 20 % water 80% mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

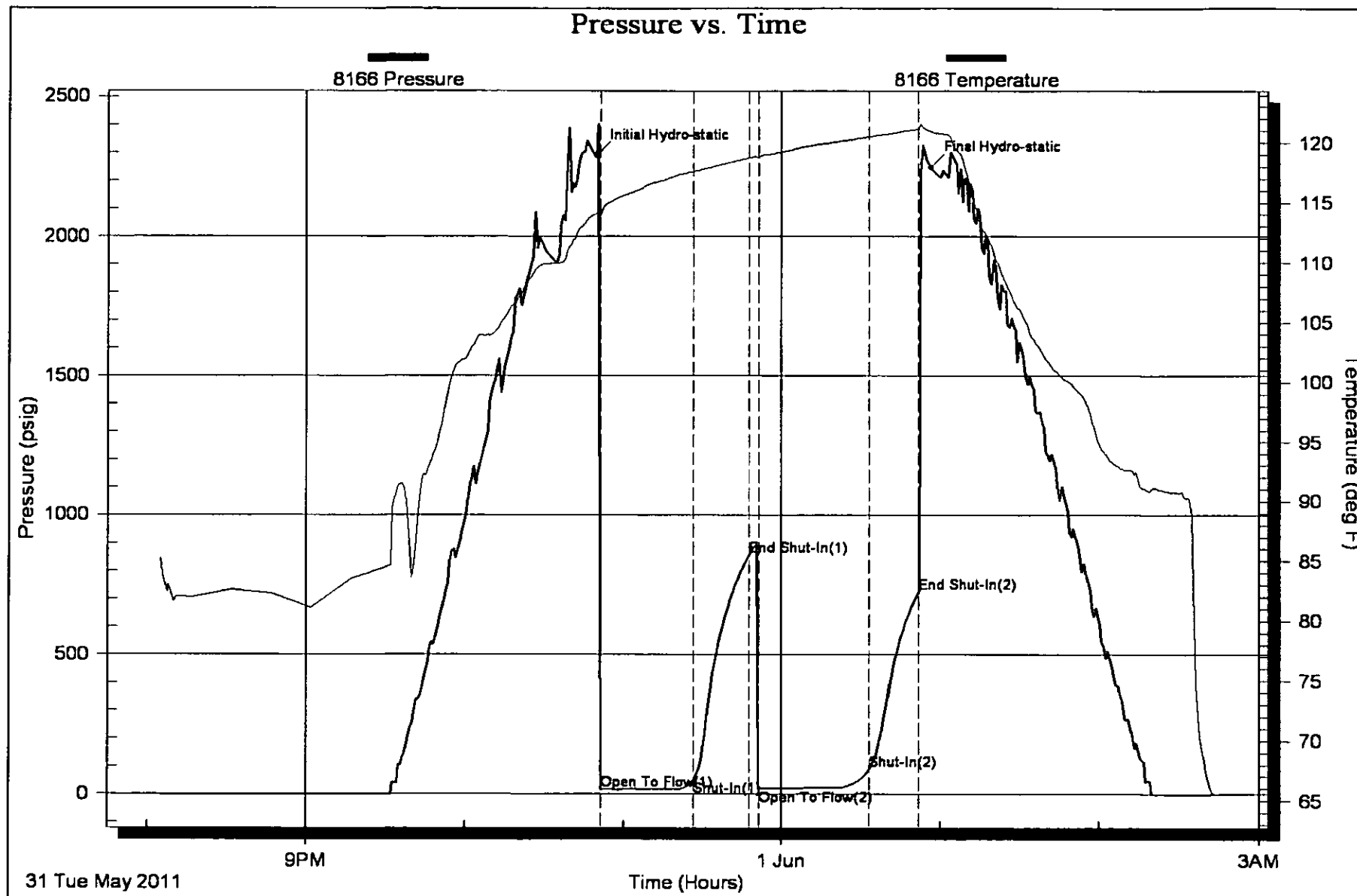
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
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DRILL STEM TEST REPORT

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37490

DST#: 6

ATTN: Jeff christian

Test Start: 2011.06.01 @ 11:02:14

GENERAL INFORMATION:

Formation: **Kinderhook**

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

Time Tool Opened: 13:08:44

Time Test Ended: 17:15:59

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **4838.00 ft (KB) To 4850.00 ft (KB) (TVD)**

Total Depth: **4850.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2221.00 ft (KB)**

2211.00 ft (CF)

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

Serial #: **8166**

Outside

Press@RunDepth: **33.87 psig @ 4839.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.06.01**

End Date:

2011.06.01

Last Calib.:

2011.06.01

Start Time: **11:02:19**

End Time:

17:15:58

Time On Btm:

2011.06.01 @ 13:07:29

Time Off Btm:

2011.06.01 @ 15:12:44

TEST COMMENT:

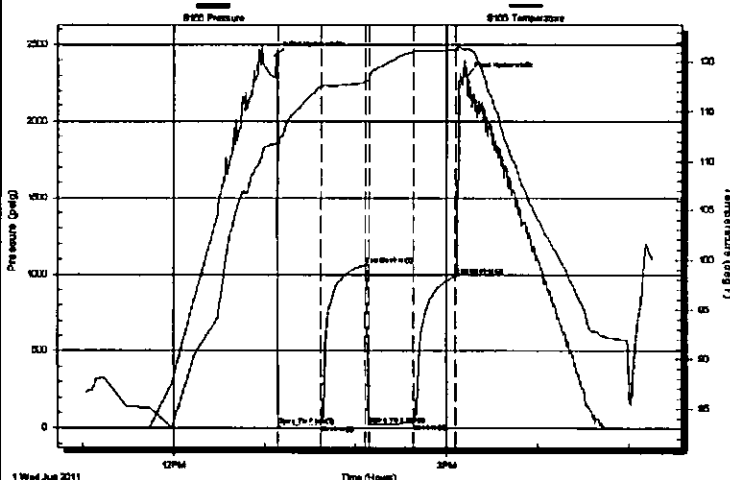
IF: Weak surface blow

IS: No blow back

FF: Weak surface blow

FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.08	111.79	Initial Hydro-static
2	17.07	111.66	Open To Flow (1)
30	22.83	117.55	Shut-in(1)
59	1064.85	118.05	End Shut-in(1)
62	24.82	118.27	Open To Flow (2)
91	33.87	121.09	Shut-in(2)
119	988.71	121.27	End Shut-in(2)
126	2294.46	121.39	Final Hydro-static

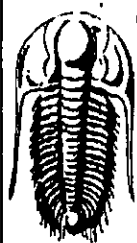
Recovery

Length (ft)	Description	Volume (bbl)
10.00	W,M 40% mud 60% water	0.05

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TGT Petroleum Company INC

Rice D #9

PO Box 75097
Wichita KS 67275

31-27s-18w

Job Ticket: 37490

DST#: 6

ATTN: Jeff christian

Test Start: 2011.06.01 @ 11:02:14

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: 99.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	W,M 40% mud 60% w ater	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:

