



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       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
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API No. 15 - \_\_\_\_\_

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

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

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

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

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

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

Total 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1088844

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

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

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	GHF 1
Doc ID	1088844

Tops

Name	Top	Datum
Anhy	1630	(+735)
Base Anhy	1670	(+695)
Topeka	3430	(-1065)
Heebner	3742	(-1377)
LKC	3784	(-1419)
BKC	4109	(-1744)
Marmaton	4153	(-1790)
Ft. Scott	4297	(-1932)
Cherokee	4321	(-1956)
Miss.	4403	(-2038)
LTD	4527	(-2162)

# SWIFT



P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300

## Invoice

DATE	INVOICE #
5/21/2012	23669

RECEIVED

MAY 23 2012

- Acidizing
- Cement
- Tool Rental

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	GHF	Ness	Steve's Well Service	Oil	Development	Acid PPI	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
500D	Mileage - 1 Way				15	Miles	6.00	90.00
501D	Acid Pump Charge				1	Job	650.00	650.00
301 - 20%	FE Acid				500	Gallons	2.60	1,300.00
232	Musal ESA-64				10	Gallon(s)	20.00	200.00
230	Surf-3 ESA-N35 (Losurf 300)				1	Gallon(s)	25.00	25.00
254	Micell-1				1	Gallon(s)	40.00	40.00
235	INH.1 ESA-28				1	Gallon(s)	35.00	35.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00
	Subtotal							2,390.00
	Sales Tax Ness County						6.30%	0.00

**Thank You For Your Business!**

**Total**

\$2,390.00



CHARGE TO: Palawing Petroleum  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET  
 No. **23669**

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Andover, KS</u>	WELL/PROJECT NO. <u>41</u>	LEASE <u>GHF</u>	COUNTY/PARISH <u>MOO</u>	STATE <u>KS</u>	CITY <u>Andover</u>	DATE <u>21 MAY 12</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>location</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>0.7</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>acid PPI</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS					WELL LOCATION <u>24-19-24</u>	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
500					15 mi					6.00	90.00
501				1	1 ea					650.00	650.00
301				1	20 %					260.00	520.00
232				1	10 gal					20.00	200.00
230				1	1 gal					25.00	25.00
254				1	1 gal					40.00	40.00
235				1	1 gal					35.00	35.00
221				2	2 gal					25.00	50.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED [Signature] TIME SIGNED  A.M.  P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

**SURVEY**

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 2390.00

TOTAL 2390.00

SWIFT OPERATOR \_\_\_\_\_ APPROVAL \_\_\_\_\_

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

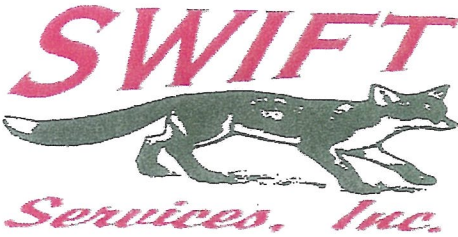
**JOB LOG**

**SWIFT Services, Inc.**

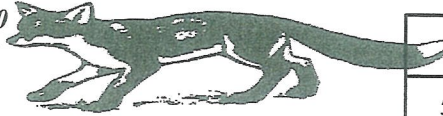
DATE 21 May 21 PAGE NO.

CUSTOMER Petroleum WELL NO. 4/ LEASE GHF JOB TYPE acidize through PPI TICKET NO. 23669

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								500 gal 20% FE w/ 20% muskr 18 bbl KCL H <sub>2</sub> O packer test 4419' peds 4404-12
	1000							on loc TRK 114
	1100		5					pickle tubing - (2 bbl acid + 20 bbl H <sub>2</sub> O) catch pressure 5 bbl - approx 1000 ft circ oil to swab tank
			20					
	1125		2 1/2			2000		set packer - test tool - held
	1155							test PPI valve - open @ 750 - holds 200 valve OK
	1203		2 1/2					put acid on bottom (10 acid + 15 H <sub>2</sub> O)
	1215							3 settings in blank pipe - holding 1500
								8 settings 2 bpm @ 1000
	1230							Back up
	1250							job complete
								Thanks! Blaine & Dave



P. O. Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300



# Invoice

DATE	INVOICE #
5/16/2012	23664

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

RECEIVED  
 MAY 18 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	GHF	Ness	Hembree Oil	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				120	Sacks	16.50	1,980.00T
276	Flocele				25	Lb(s)	2.00	50.00T
104	Port Collar Tool Rental				1	Each	250.00	250.00T
290	D-Air				1	Gallon(s)	35.00	35.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,335.00
	Sales Tax Ness County						6.30%	145.85

**We Appreciate Your Business!**

**Total**

\$4,480.85



CHARGE TO: Palomino Petroleum  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 No 23664

PAGE 1 OF 1

SERVICE LOCATIONS: Wes Ex KS WELL/PROJECT NO: #1 LEASE: CHP COUNTY/PARISH: Wes STATE: KS CITY: Laird DATE: 16 May 12 OWNER: \_\_\_\_\_

TICKET TYPE:  SERVICE CONTRACTOR: \_\_\_\_\_ RIG NAME/NO.: \_\_\_\_\_ SHIPPED: WCT DELIVERED TO: location ORDER NO.: \_\_\_\_\_

WELL TYPE: 011 WELL CATEGORY: Development JOB PURPOSE: cement port collar WELL PERMIT NO.: \_\_\_\_\_ WELL LOCATION: 24-19-25

4. REFERRAL LOCATION: \_\_\_\_\_ INVOICE INSTRUCTIONS: \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MIAGE TPE 114	20	mi			6.00	120.00
576D		1			Pump Charge	1	ea			12.50	12.50
830		1			SMD cement	130	sk			16.50	1980.00
276		1			Flare	25	lb			2.00	50.00
104		1			Port collar TOOL RENTAL	1	ea			250.00	250.00
290		1			DAIR	1	ea			35.00	35.00
581		1			Service charge	200	hr			2.00	400.00
582		1			Drayage (win)	1	ea			250.00	250.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: \_\_\_\_\_ TIME SIGNED:  A.M.  P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

**SURVEY**

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 4335.00

TAX: 7.55

TOTAL: 4480.80

SWIFT OPERATOR: McMill APPROVAL: \_\_\_\_\_

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 16 MAY 12 PAGE NO. 1

CUSTOMER Polavino Petroleum WELL NO. 41 LEASE GHF JOB TYPE CEMENT PORT COLLAR TICKET NO. 23664

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 sks SMD w/ 1/4" floccle 2 3/4 x 5 1/2 casdy Port Collar 1625'
	1400							on loc TRK 114
	1405					1000	1000	test to 1000 psi - held open port collar
	1415	3 1/2	2			400		inj rate 3 1/2 bpm @ 400 ps
	1419	3 3/4				400		start down hole w/ SMD amt @ 11.2 ppg of fluid to surface — cement to surface — 120 sk mixed } 15 to pit }
		3 3/4	4 1/2			400		
		3 3/4	6 1/4			500		
	1435	3 3/4	6			500		prep 6 bbl flush H <sub>2</sub> O
	1440					1000	1000	close port collar test to 1000 psi - held
	1452		20					run 5 joints reverse hole clean 2 cement plugs
	1505							wash fresh back up
	1525							job complete Thanks Dag, Dave & Brian



P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
5/1/2012	22144

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

RECEIVED

MAY 05 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	GHL	Ness	Pickrell Drilling R...	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
578D-L	Pump Charge - Long String - 4525 Feet				1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer				1	Each	70.00	70.00T
403-5	5 1/2" Cement Basket				3	Each	250.00	750.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				9	Each	90.00	810.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
276	Flocele				57	Lb(s)	2.00	114.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				52	Lb(s)	4.00	208.00T
290	D-Air				2.5	Gallon(s)	35.00	87.50T
325	Standard Cement				100	Sacks	13.50	1,350.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							11,722.00
	Sales Tax Ness County						6.30%	592.33

**We Appreciate Your Business!**

**Total**

\$12,314.33



Services, Inc.

CHARGE TO: PAIDMIND Petroleum  
ADDRESS  
CITY, STATE, ZIP CODE

TICKET No 22144

PAGE 1 OF 2

1. SERVICE LOCATIONS NESS City, KS.	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
		GHL #1	NESS	KS.	Laird, KS.	1 May 12	
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	WELL CATEGORY	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	PICKREID Drilling Rie 1		DEVELOPMENT				
3. WELL TYPE	WELL INSTRUCTIONS	JOB PURPOSE				WELL LOCATION	
	DL	5 1/2 LONGSTRINGS				535, 1E, 1W	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
075					MILEAGE #110	20	mi			6.00	120.00
578					Pump CHANGE	1500	ft	4535	ft.	1.00	1500.00
402					CENTRALIZERS	1	EA.			70.00	70.00
403					CEMENT BASKETS	3	EA.			250.00	750.00
404					PORT COLLAR	1	EA.			2400.00	2400.00
406					KATCH DECON PLUG @ BARREL	1	EA.			250.00	250.00
407					HAZERT FLOAT SHOE W/PAUTO FILL	1	EA.			350.00	350.00
409					TURBOLIZERS	9	EA.			90.00	810.00
281					MUD FLUSH	500	gal			1.25	625.00
221					LIQUID KEL	2	gal			25.00	50.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

DATE SIGNED: 1 May 12  
TIME SIGNED:  A.M.  P.M.

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	1	6925.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	4797.00	
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	12,314.33	

SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: *[Signature]*

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank you!



PO Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 22144

CUSTOMER *Platinum Petroleum*

WELL *GH # 1*

DATE *1 May 12* PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M				
276														
283						FLUCCE		57	lbs			2.25	114.00	
284						SALT		500	lbs			2.25	100.00	
285						CAUSEAL		5	sx			35.00	175.00	
290						CFR-1		52	lbs			4.00	208.00	
						D-AIR		2 1/2	sqz			35.00	87.50	
325						STANDARD CEMENT		100	sq			13.50	1350.00	
330						SWIFT MATH DENSITY		125	sq			16.50	2062.50	
581						SERVICE CHARGE						2.00	450.00	
582						MILEAGE CHARGE						2.50	250.00	

CONTINUATION TOTAL *4797.00*

JOB LOG

SWIFT Services, Inc.

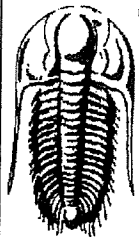
DATE May 12 PAGE NO.

CUSTOMER VALDOMINO PETROLEUM WELL NO. LEASE GHF #1 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 22144

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1750							ON LOCATION
	1830							START PIPE 5 1/2 - 14# RTD @ 4525 SET @ 4507 SHOE JT 29.50' CENTRALIZERS 1, 2, 3, 4, 5, 6, 8, 9, 11, 108 BASKETS 3, 6, 109 PORT COLLAR TOP OF ST # 109 @ 1626
	2030							DROP BALL CIRCULATE
	2125	6	12		✓			Pump 500 gal MUD FLUSH Pump 20 BBL KCL FLUSH
		6	20					
	2132		7.5					PLUG RH-MH (30sx-20sx)
	2136	4	29		✓			MIX 75 SX SMD
		4	24		✓			MIX 100 SX EAR
	2156							WASH OUT PUMPING LINES
	2158	6			✓			START DISPLACING PLUG
	2217	8	109		✓	1500		PLUG DOWN PSI UP LATCH PLUG IN
	2221							RELEASE PSI - DRY
	2223							WASH TRUCK
	2300							JOB COMPLETE
								THANKS #110
								JASON JEFF DOUG







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46634

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2012.04.27 @ 10:30:00

## GENERAL INFORMATION:

Formation: **LKC 'F-G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:30:20

Time Test Ended: 18:38:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

**Interval: 3861.00 ft (KB) To 3971.00 ft (KB) (TVD)**

Total Depth: 3971.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2365.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press@RunDepth: 230.54 psig @ 3862.00 ft (KB)

Start Date: 2012.04.27

End Date:

2012.04.27

Capacity: 8000.00 psig

Last Calib.: 2012.04.27

Start Time: 10:30:02

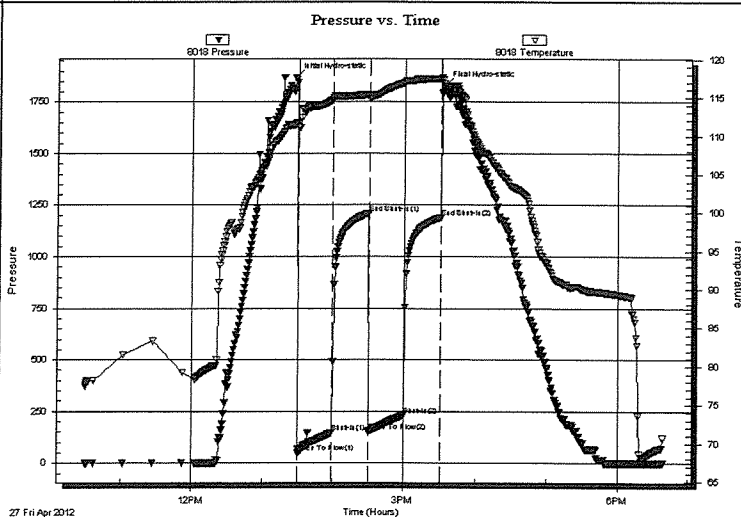
End Time:

18:38:30

Time On Btm: 2012.04.27 @ 13:27:30

Time Off Btm: 2012.04.27 @ 15:33:20

TEST COMMENT: B.O.B. @ 20 min.  
No return.  
B.O.B. @ 25 min.  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.68	111.54	Initial Hydro-static
3	47.59	111.17	Open To Flow (1)
33	147.63	114.74	Shut-In(1)
63	1209.67	115.40	End Shut-In(1)
63	151.45	114.88	Open To Flow (2)
93	230.54	116.94	Shut-In(2)
124	1190.90	117.47	End Shut-In(2)
126	1827.97	116.87	Final Hydro-static

## Recovery

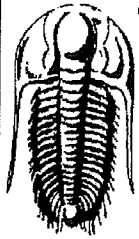
Length (ft)	Description	Volume (bbl)
186.00	MV 20m 80w Oil spots in tool.	1.49
189.00	WM 40w 60m	2.65
78.00	M 100m	1.09

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46634

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2012.04.27 @ 10:30:00

## Tool Information

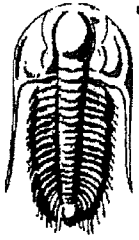
Drill Pipe:	Length: 3731.00 ft	Diameter: 3.80 inches	Volume: 52.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 52.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	3861.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	137.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3834.50	
Shut In Tool	5.00			3839.50	
Hydraulic tool	5.00			3844.50	
Jars	5.00			3849.50	
Safety Joint	2.50			3852.00	
Packer	5.00			3857.00	27.50 Bottom Of Top Packer
Packer	4.00			3861.00	
Stubb	1.00			3862.00	
Recorder	0.00	8018	Inside	3862.00	
Recorder	0.00	6751	Outside	3862.00	
Perforations	11.00			3873.00	
Change Over Sub	1.00			3874.00	
Drill Pipe	93.00			3967.00	
Change Over Sub	1.00			3968.00	
Bullnose	3.00			3971.00	110.00 Bottom Packers & Anchor

**Total Tool Length: 137.50**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46634

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2012.04.27 @ 10:30:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.35 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	MW 20m 80w Oil spots in tool.	1.489
189.00	VM 40w 60m	2.651
78.00	M 100m	1.094

Total Length: 453.00 ft

Total Volume: 5.234 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .185 @ 72 Degrees F = 40000 PPM

Serial #: 8018

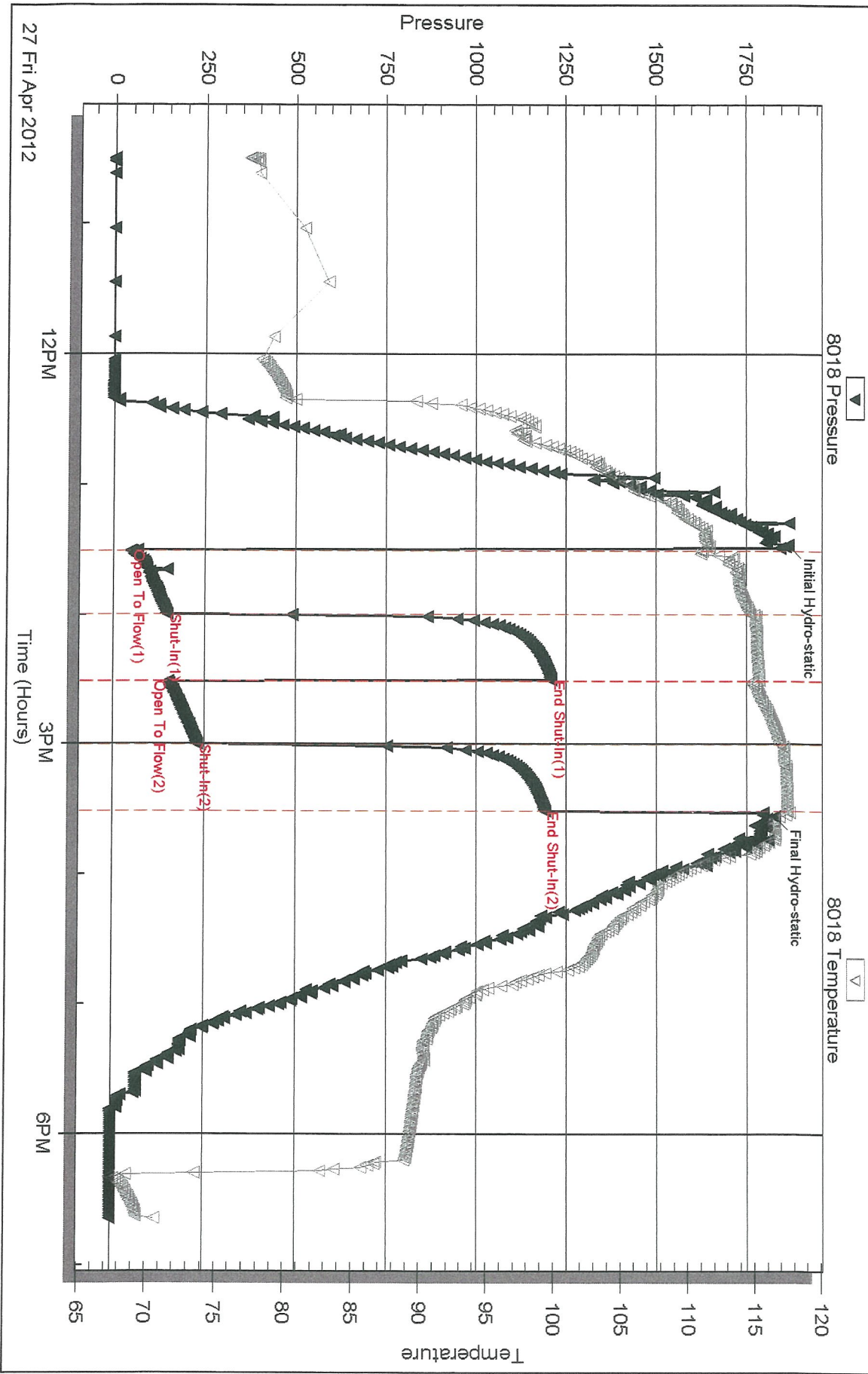
Inside

Palomino Petroleum Inc

G H F #1

DST Test Number: 1

### Pressure vs. Time



27 Fri Apr 2012

12PM

3PM

6PM

Trilobite Testing, Inc

Ref. No: 46634

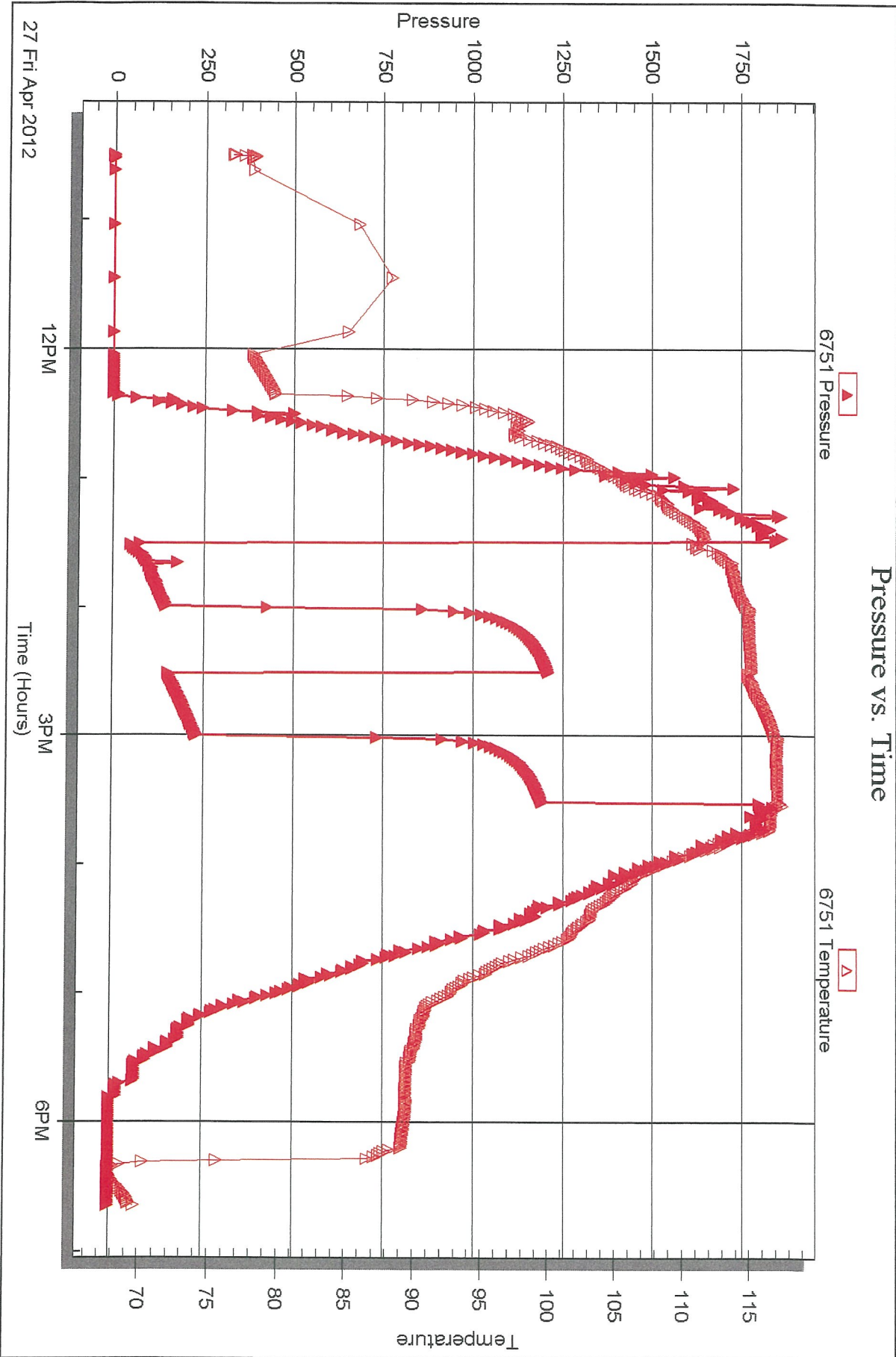
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Serial #: 6751

Outside Palomino Petroleum Inc

G.H.F.#1

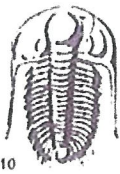
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 46634

Printed: 2012.05.03 @ 09:36:27



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

MAY 03 2012

## Test Ticket

NO. 46634

Well Name & No. G H F #1 Test No. 1 Date 4-27-12  
 Company Palomino Petroleum, Inc. Elevation 2365 KB 2355 GL  
 Address 4924 S.E. 84th St. Newton, KS 67114  
 Co. Rep / Geo. Nick Geisner Rig Pickwell #1  
 Location: Sec. 24 Twp. 19s Rge. 25w Co. Ness State Ks

Interval Tested 3861 - 3971 Zone Tested LKC 'F-G-H'  
 Anchor Length 1100 Drill Pipe Run 3731 Mud Wt. 9.2  
 Top Packer Depth 3857 Drill Collars Run 123 Vis 50  
 Bottom Packer Depth 3861 Wt. Pipe Run 0 WL 10.4  
 Total Depth 3971 Chlorides 5600 ppm System LCM 2

Blow Description B.O.B. @ 20 min.  
No return  
B.O.B. @ 25 min.  
No return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	<u>78</u> Feet of <u>M</u>				
Rec	<u>189</u> Feet of <u>W/M</u>			<u>40</u>	<u>60</u>
Rec	<u>186</u> Feet of <u>MW</u> <u>Oil spots in tool.</u>			<u>80</u>	<u>20</u>
Rec	Feet of				

Rec Total 453 BHT 118 Gravity - API RW .185 @ 7.2 °F Chlorides 40,000 ppm  
 (A) Initial Hydrostatic 1868  Test 1150' T-On Location 9:30  
 (B) First Initial Flow 48  Jars 250' T-Started 10:30  
 (C) First Final Flow 148  Safety Joint 75' T-Open 13:30  
 (D) Initial Shut-In 1210  Circ Sub .V/C T-Pulled 15:31  
 (E) Second Initial Flow 152  Hourly Standby 44hr 25' T-Out 18:39  
 (F) Second Final Flow 231  Mileage 1/2 RT 173.60 Comments  
 (G) Final Shut-In 1191  Sampler  
 (H) Final Hydrostatic 1828  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder  
 Day Standby  
 Accessibility

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 0  
 Total 1673.60  
 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Chuck Anah

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.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46635

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2012.04.28 @ 19:04:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:00

Time Test Ended: 01:33:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

**Interval: 4098.00 ft (KB) To 4225.00 ft (KB) (TVD)**

Reference Elevations: 2365.00 ft (KB)

Total Depth: 4225.00 ft (KB) (TVD)

2355.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press@RunDepth: 34.78 psig @ 4099.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.28

End Date:

2012.04.29

Last Calib.:

2012.04.29

Start Time: 19:04:02

End Time:

01:33:19

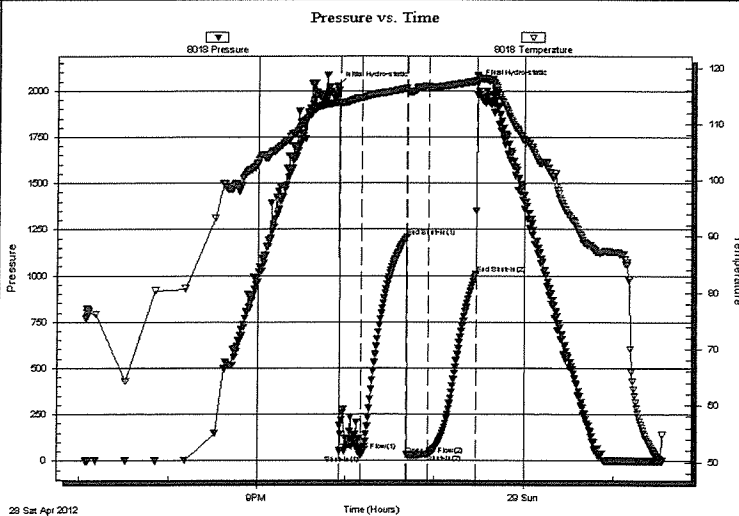
Time On Btm:

2012.04.28 @ 21:53:40

Time Off Btm:

2012.04.28 @ 23:28:39

**TEST COMMENT:** 1/2" Blow receded to a surface blow.  
No return.  
Weak surface blow.  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.27	113.81	Initial Hydro-static
3	52.83	113.65	Open To Flow (1)
17	29.38	114.66	Shut-In(1)
47	1209.94	116.34	End Shut-In(1)
48	31.31	115.78	Open To Flow (2)
63	34.78	116.56	Shut-In(2)
94	1010.04	117.63	End Shut-In(2)
95	2037.03	118.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100m	0.07

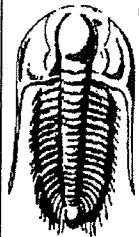
\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46635

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2012.04.28 @ 19:04:00

## Tool Information

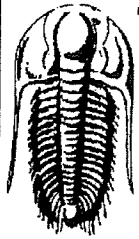
Drill Pipe:	Length: 3978.00 ft	Diameter: 3.80 inches	Volume: 55.80 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 56.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.50 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4098.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	127.00 ft			
Tool Length:	154.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4071.50	
Shut In Tool	5.00			4076.50	
Hydraulic tool	5.00			4081.50	
Jars	5.00			4086.50	
Safety Joint	2.50			4089.00	
Packer	5.00			4094.00	27.50 Bottom Of Top Packer
Packer	4.00			4098.00	
Stubb	1.00			4099.00	
Recorder	0.00	8018	Inside	4099.00	
Recorder	0.00	6751	Outside	4099.00	
Perforations	28.00			4127.00	
Change Over Sub	1.00			4128.00	
Drill Pipe	93.00			4221.00	
Change Over Sub	1.00			4222.00	
Bullnose	3.00			4225.00	127.00 Bottom Packers & Anchor

**Total Tool Length: 154.50**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46635

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2012.04.28 @ 19:04:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 9.17 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 8300.00 ppm

Filter Cake: 1.00 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
15.00	M 100m	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

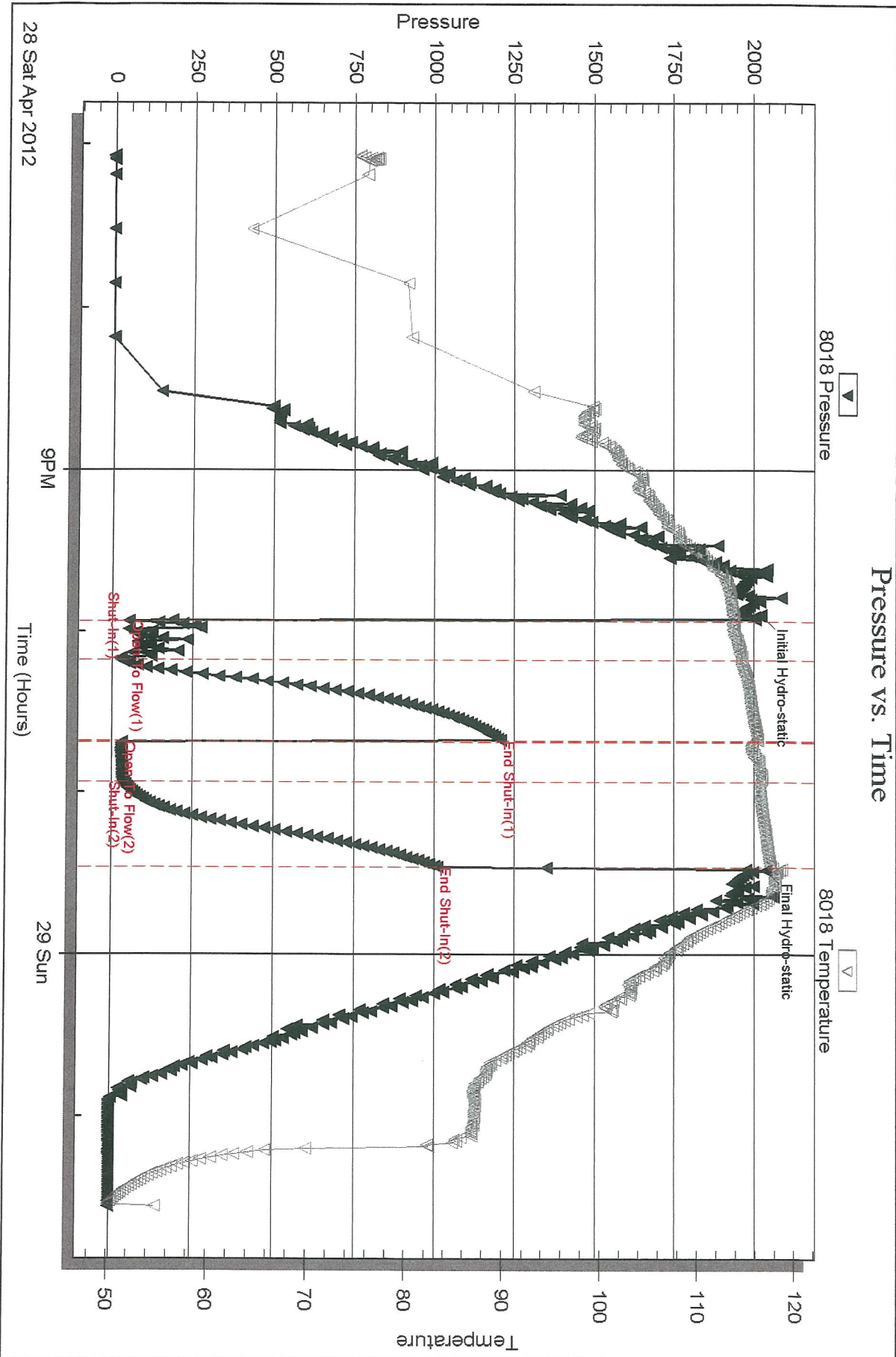
Serial #: 8018

Inside

Palomino Petroleum Inc

G.H.F.#1

DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 46635

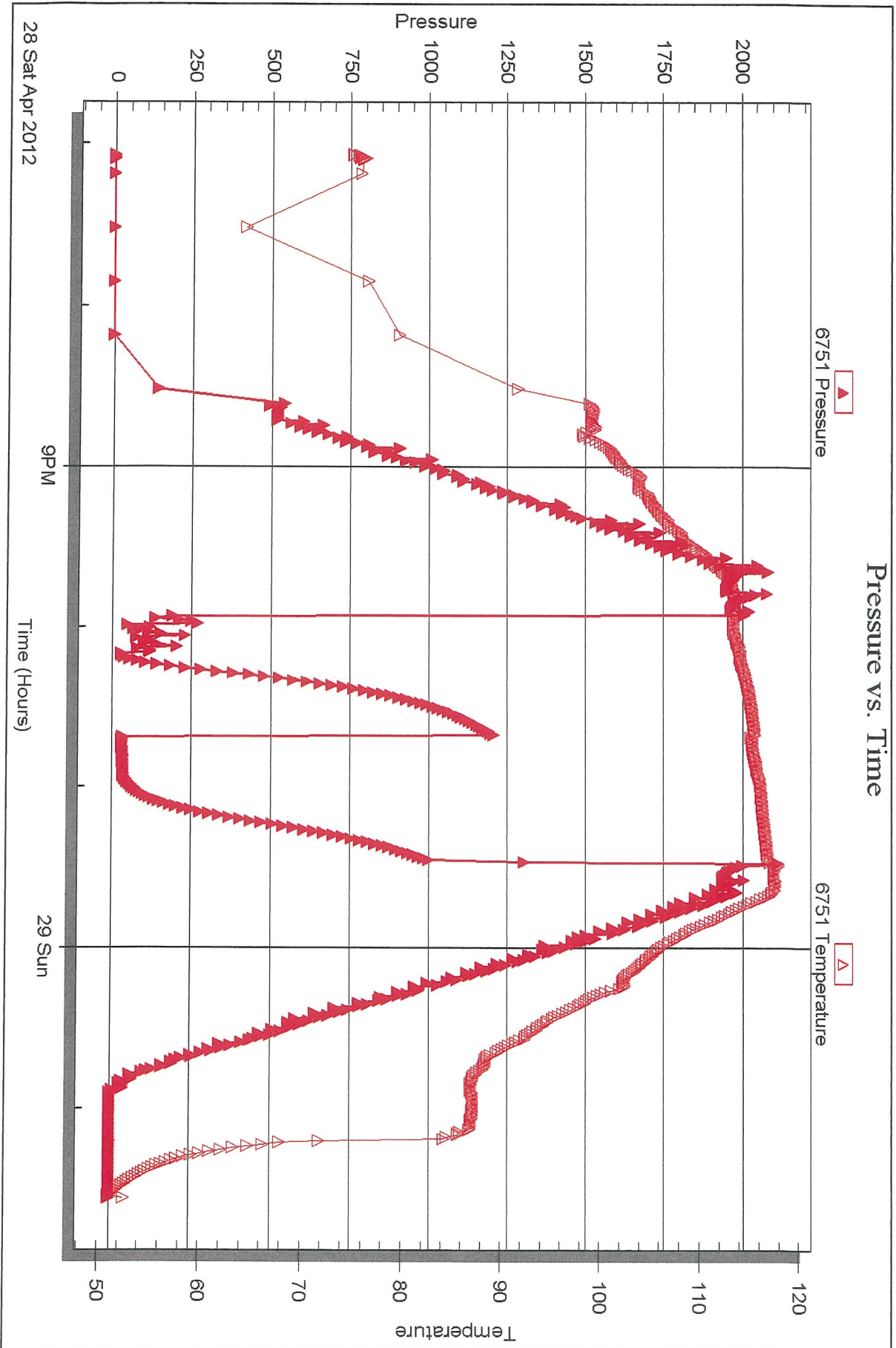
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Serial #: 6751

Outside Palomino Petroleum Inc

G.H.F.#1

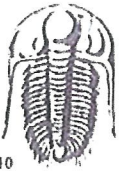
DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 46635

Printed: 2012.05.03 @ 09:35:36



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAY 03 2012

## Test Ticket

NO. 46635

BY: \_\_\_\_\_

Well Name & No. G H F #1 Test No. 2 Date 4-28-12  
 Company Palomino Petroleum, Inc. Elevation 2365 KB 2355 GL  
 Address 4924 S.E. 84th St. Newton, KS 67114  
 Co. Rep / Geo. Nick Geestner Rig Pickrell #1  
 Location: Sec. 24 Twp. 19s Rge. 25w Co. Ness State KS

Interval Tested 4098 4225 Zone Tested Marmaton  
 Anchor Length 127 Drill Pipe Run 3978 Mud Wt. 9.2  
 Top Packer Depth 4094 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth 4098 Wt Pipe Run 0 WI 9.2  
 Total Depth 4225 Chlorides 8.300 ppm System LCM Trace  
 Blow Description 1/2" Blow receded to surface blow.  
No return.  
Weak surface blow.  
No return.

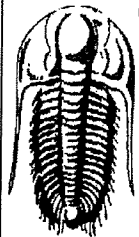
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>M</u>	%gas	%oil	%water <u>100</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 1.5 BHT 118 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 (A) Initial Hydrostatic \_\_\_\_\_ 2024  Test 1250' T-On Location 18:30  
 (B) First Initial Flow \_\_\_\_\_ 53  Jars 250' T-Started 19:04  
 (C) First Final Flow \_\_\_\_\_ 29  Safety Joint 75' T-Open 21:56  
 (D) Initial Shut-In \_\_\_\_\_ 1210  Circ Sub \_\_\_\_\_ N/C T-Pulled 23:28  
 (E) Second Initial Flow \_\_\_\_\_ 31  Hourly Standby \_\_\_\_\_ T-Out 01:33  
 (F) Second Final Flow \_\_\_\_\_ 35  Mileage 1/2 RT 172.60 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_ 1010  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_ 2037  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Open 1.5  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 15  Extra Recorder \_\_\_\_\_  
 Final Shut-In 32  Day Standby \_\_\_\_\_  
 Sub Total 1748.60  Accessibility \_\_\_\_\_  
 Sub Total 1748.60 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Chuck Smith

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, too's lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46636

**DST#: 3**

ATTN: Nick Gerstner

Test Start: 2012.04.29 @ 16:20:00

## GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:32:30

Time Test Ended: 22:40:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **427.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2365.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press@RunDepth: 23.72 psig @ 4271.00 ft (KB)

Start Date: 2012.04.29

End Date:

2012.04.29

Capacity: 8000.00 psig

Last Calib.: 2012.04.29

Start Time: 16:20:02

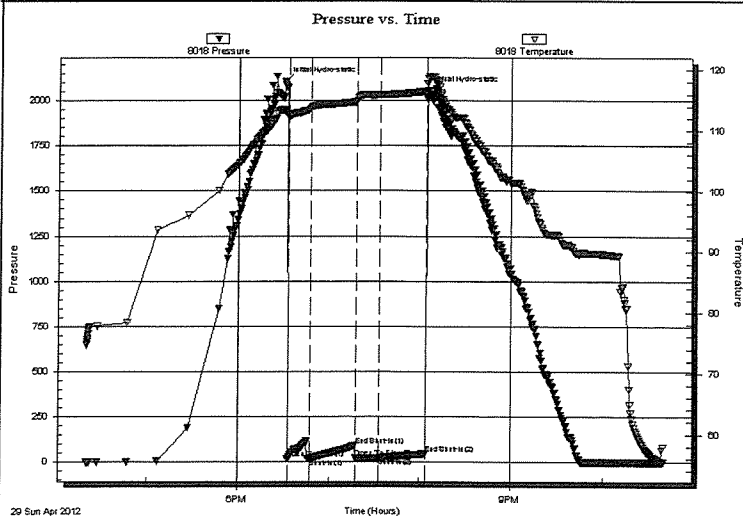
End Time:

22:40:10

Time On Btm: 2012.04.29 @ 18:30:20

Time Off Btm: 2012.04.29 @ 20:05:10

TEST COMMENT: 1/2" Blow receded to surface blow .  
No return.  
No blow .  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.73	113.10	Initial Hydro-static
3	17.27	112.22	Open To Flow (1)
18	20.00	113.79	Shut-In(1)
48	89.66	114.72	End Shut-In(1)
48	22.27	114.99	Open To Flow (2)
63	23.72	115.88	Shut-In(2)
94	44.23	116.44	End Shut-In(2)
95	2054.45	118.59	Final Hydro-static

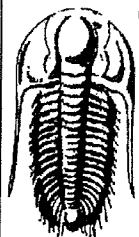
## Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM 1o 99m	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46636

**DST#: 3**

ATTN: Nick Gerstner

Test Start: 2012.04.29 @ 16:20:00

## GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:32:30

Time Test Ended: 22:40:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **427.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2365.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6751**

**Outside**

Press@RunDepth: psig @ 4271.00 ft (KB)

Start Date: 2012.04.29

Start Time: 16:20:02

End Date:

End Time:

2012.04.29

22:40:10

Capacity: 8000.00 psig

Last Calib.: 2012.04.29

Time On Btm:

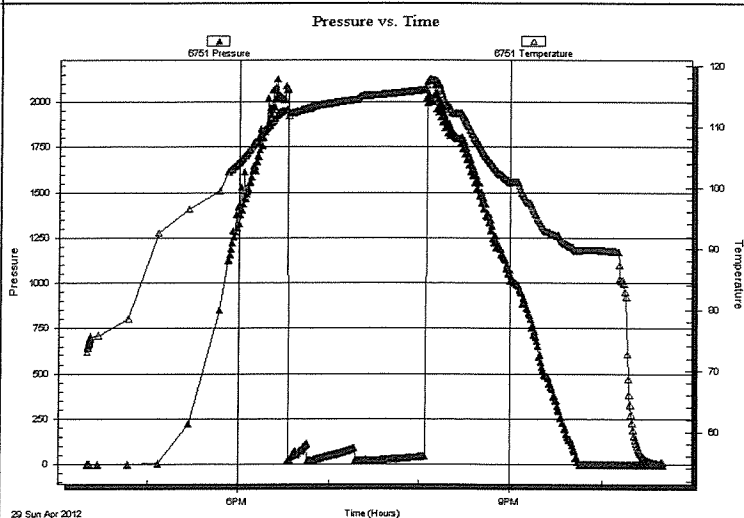
Time Off Btm:

TEST COMMENT: 1/2" Blow receded to surface blow .

No return.

No blow .

No return.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM 1 to 99m	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46636

**DST#: 3**

ATTN: Nick Gerstner

Test Start: 2012.04.29 @ 16:20:00

## Tool Information

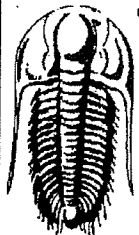
Drill Pipe:	Length: 4140.00 ft	Diameter: 3.80 inches	Volume: 58.07 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4270.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	82.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4243.50	
Shut In Tool	5.00			4248.50	
Hydraulic tool	5.00			4253.50	
Jars	5.00			4258.50	
Safety Joint	2.50			4261.00	
Packer	5.00			4266.00	27.50 Bottom Of Top Packer
Packer	4.00			4270.00	
Stubb	1.00			4271.00	
Recorder	0.00	8018	Inside	4271.00	
Recorder	0.00	6751	Outside	4271.00	
Perforations	18.00			4289.00	
Change Over Sub	1.00			4290.00	
Drill Pipe	31.00			4321.00	
Change Over Sub	1.00			4322.00	
Bullnose	3.00			4325.00	55.00 Bottom Packers & Anchor

**Total Tool Length: 82.50**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46636

**DST#: 3**

ATTN: Nick Gerstner

Test Start: 2012.04.29 @ 16:20:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 55.00 sec/qt  
Water Loss: 10.36 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 7800.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	SOCM 1o 99m	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8018

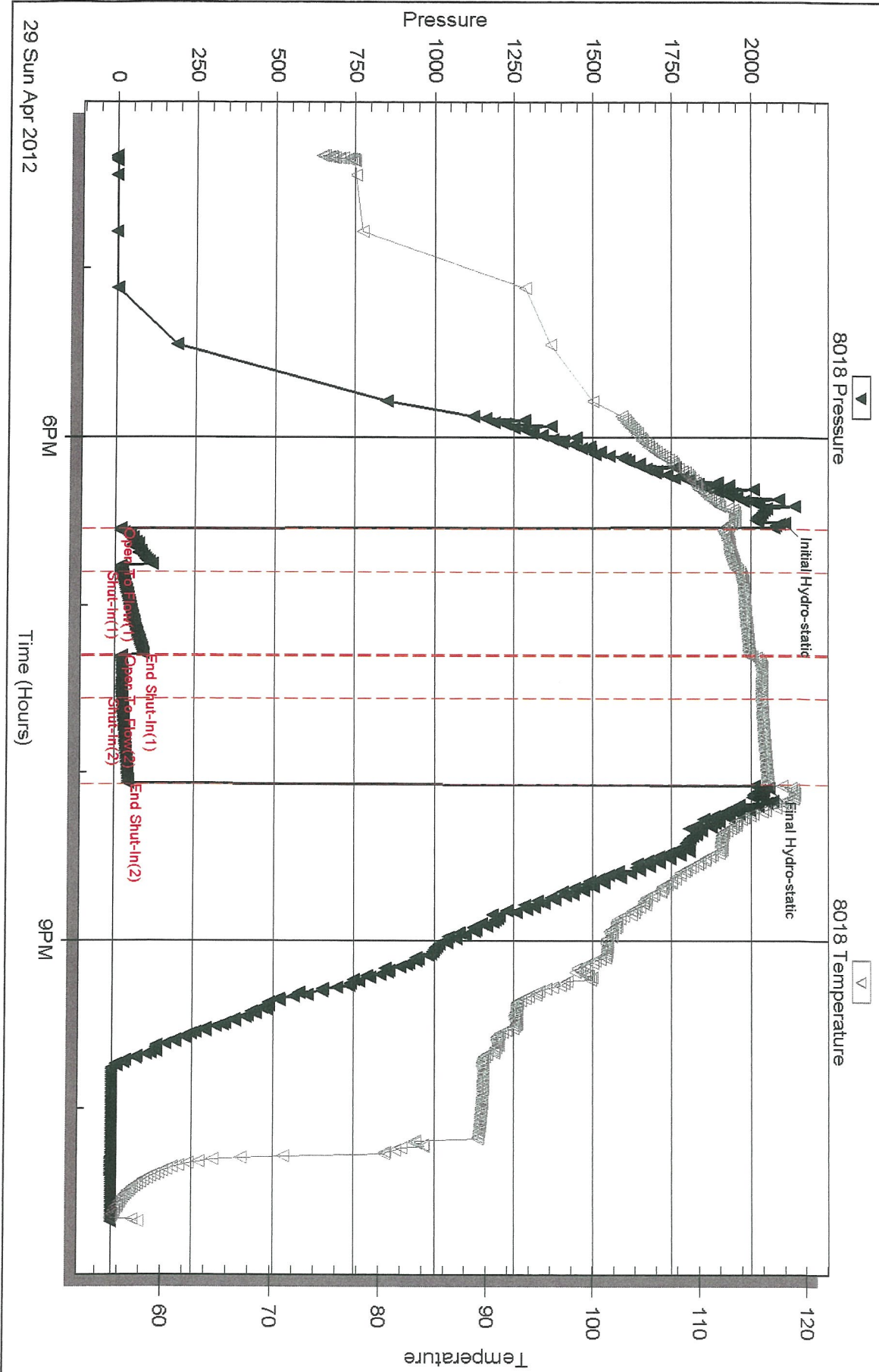
Inside

Palomino Petroleum Inc

G.H.F.#1

DST Test Number: 3

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 46636

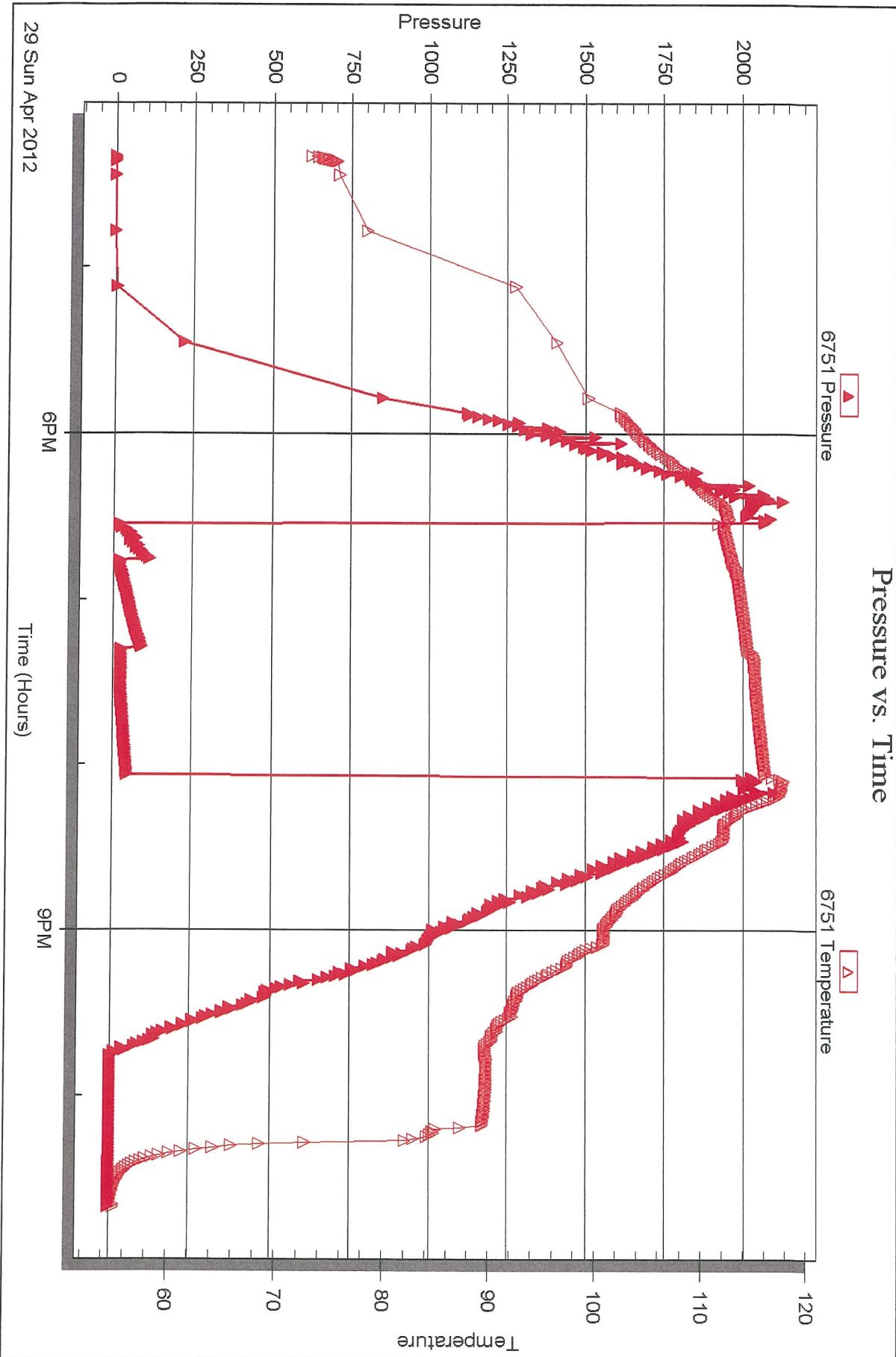
Printed: 2012.05.03 @ 09:34:45

Serial #: 6751

Outside Palomino Petroleum Inc

G H F #1

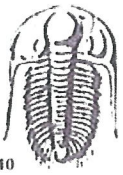
DST Test Number: 3



Tribolite Testing, Inc

Ref. No: 46636

Printed: 2012.05.03 @ 09:34:45



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAY 03 2012

## Test Ticket

NO. 46636

Well Name & No. GHF #1 Test No. 3 Date 4-29-12  
 Company Palomino Petroleum, Inc. Elevation 2365 KB 2355 GL  
 Address 4924 S.E. 84th St. Newton, KS 67114  
 Co. Rep / Geo. Nick Geismes Rig Picknell #1  
 Location: Sec. 24 Twp. 19S Rge. 25W Co. Ness State KS

Interval Tested 4270-4325 Zone Tested Ft. Scott  
 Anchor Length 55 Drill Pipe Run 4140 Mud Wt. 9.1  
 Top Packer Depth 4266 Drill Collars Run 123 Vis 5.5  
 Bottom Packer Depth 4270 Wt. Pipe Run 0 WI 10.4  
 Total Depth 4325 Chlorides 7800 ppm System LCM 0  
 Blow Description 1/2' Blow, receded to surface blow  
No return  
No blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>50cm</u>	%gas	<u>1</u> %oil	%water	<u>99</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

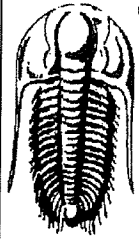
Rec Total 15 BHIT 116 Gravity - API RW @ F Chlorides - ppm

(A) Initial Hydrostatic 2104  Test 1250' T-On Location 16:20  
 (B) First Initial Flow 17  Jars 250' T-Started 16:20  
 (C) First Final Flow 20  Safety Joint 75 T-Open 18:33  
 (D) Initial Shut-In 90  Circ Sub N/A T-Pulled 20:04  
 (E) Second Initial Flow 22  Hourly Standby T-Out 22:40  
 (F) Second Final Flow 24  Mileage 112RT 173.60 Comments  
 (G) Final Shut-In 44  Sampler  
 (H) Final Hydrostatic 2054  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Day Standby Total 1748.60  
 Accessibility MP/DST Disc'l  
 Sub Total 1748.60

Initial Open 15  
 Initial Shut-In 30  
 Final Flow 15  
 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative Chuck Smith

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.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46637

**DST#: 4**

ATTN: Nick Gerstner

Test Start: 2012.04.30 @ 11:57:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:52:50

Time Test Ended: 18:25:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

**Interval: 4270.00 ft (KB) To 4428.00 ft (KB) (TVD)**

Total Depth: 4428.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2365.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press@RunDepth: 635.83 psig @ 4271.00 ft (KB)

Start Date: 2012.04.30

End Date:

2012.04.30

Start Time: 11:57:02

End Time:

18:25:40

Capacity: 8000.00 psig

Last Calib.: 2012.04.30

Time On Btm: 2012.04.30 @ 13:49:40

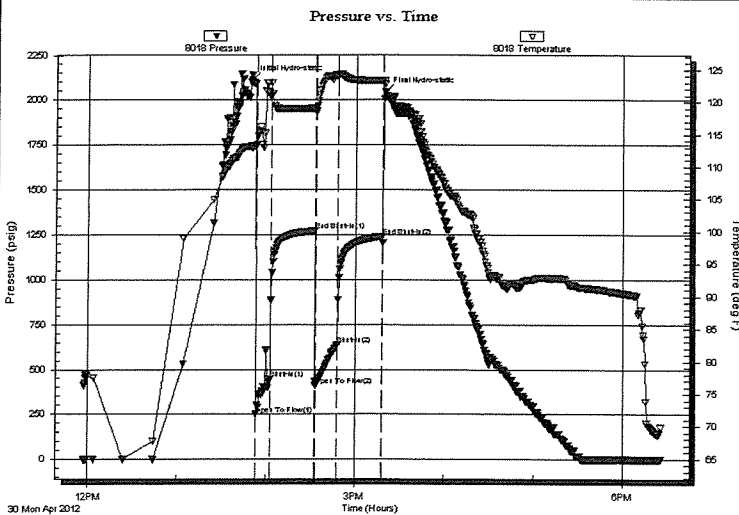
Time Off Btm: 2012.04.30 @ 15:19:30

TEST COMMENT: B.O.B. @ 1 1/2 min.

No return.

B.O.B. @ 2 min.

No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.30	113.00	Initial Hydro-static
4	248.96	113.33	Open To Flow (1)
13	444.89	120.83	Shut-In(1)
43	1270.72	119.01	End Shut-In(1)
44	407.80	118.44	Open To Flow (2)
59	635.83	124.10	Shut-In(2)
89	1240.20	123.28	End Shut-In(2)
90	2048.17	122.70	Final Hydro-static

## Recovery

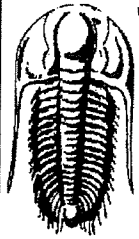
Length (ft)	Description	Volume (bbl)
123.00	GMVCO 35g 10m 10w 45o	0.60
378.00	GMVCO 40g 10m 10w 15o 25 emulsion	5.30
522.00	GWOCM 35g 5w 10o 15m 35 emulsion	7.32
252.00	M 100m	3.53

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46637

**DST#: 4**

ATTN: Nick Gerstner

Test Start: 2012.04.30 @ 11:57:00

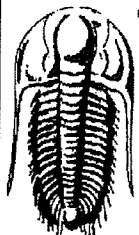
## Tool Information

Drill Pipe:	Length: 4135.00 ft	Diameter: 3.80 inches	Volume: 58.00 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 58.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.50 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4270.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	158.00 ft			
Tool Length:	185.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4243.50	
Shut In Tool	5.00			4248.50	
Hydraulic tool	5.00			4253.50	
Jars	5.00			4258.50	
Safety Joint	2.50			4261.00	
Packer	5.00			4266.00	27.50 Bottom Of Top Packer
Packer	4.00			4270.00	
Stubb	1.00			4271.00	
Recorder	0.00	8018	Inside	4271.00	
Recorder	0.00	6751	Outside	4271.00	
Perforations	27.00			4298.00	
Change Over Sub	1.00			4299.00	
Drill Pipe	125.00			4424.00	
Change Over Sub	1.00			4425.00	
Bullnose	3.00			4428.00	158.00 Bottom Packers & Anchor

**Total Tool Length: 185.50**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**S24-19s-25w Ness, KS**

4924 S.E. 84th St.  
New ton, KS 67114

**G H F #1**

Job Ticket: 46637

**DST#: 4**

ATTN: Nick Gerstner

Test Start: 2012.04.30 @ 11:57:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 48.00 sec/qt  
Water Loss: 10.36 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 7800.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: 20000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	GMVCO 35g 10m 10w 45o	0.605
378.00	GMVCO 40g 10m 10w 15o 25 emulsion	5.302
522.00	GWOCM 35g 5w 10o 15m 35 emulsion	7.322
252.00	M 100m	3.535

Total Length: 1275.00 ft      Total Volume: 16.764 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW:.300 @ 73 Degrees F = 20000 PPM



Serial #: 8018

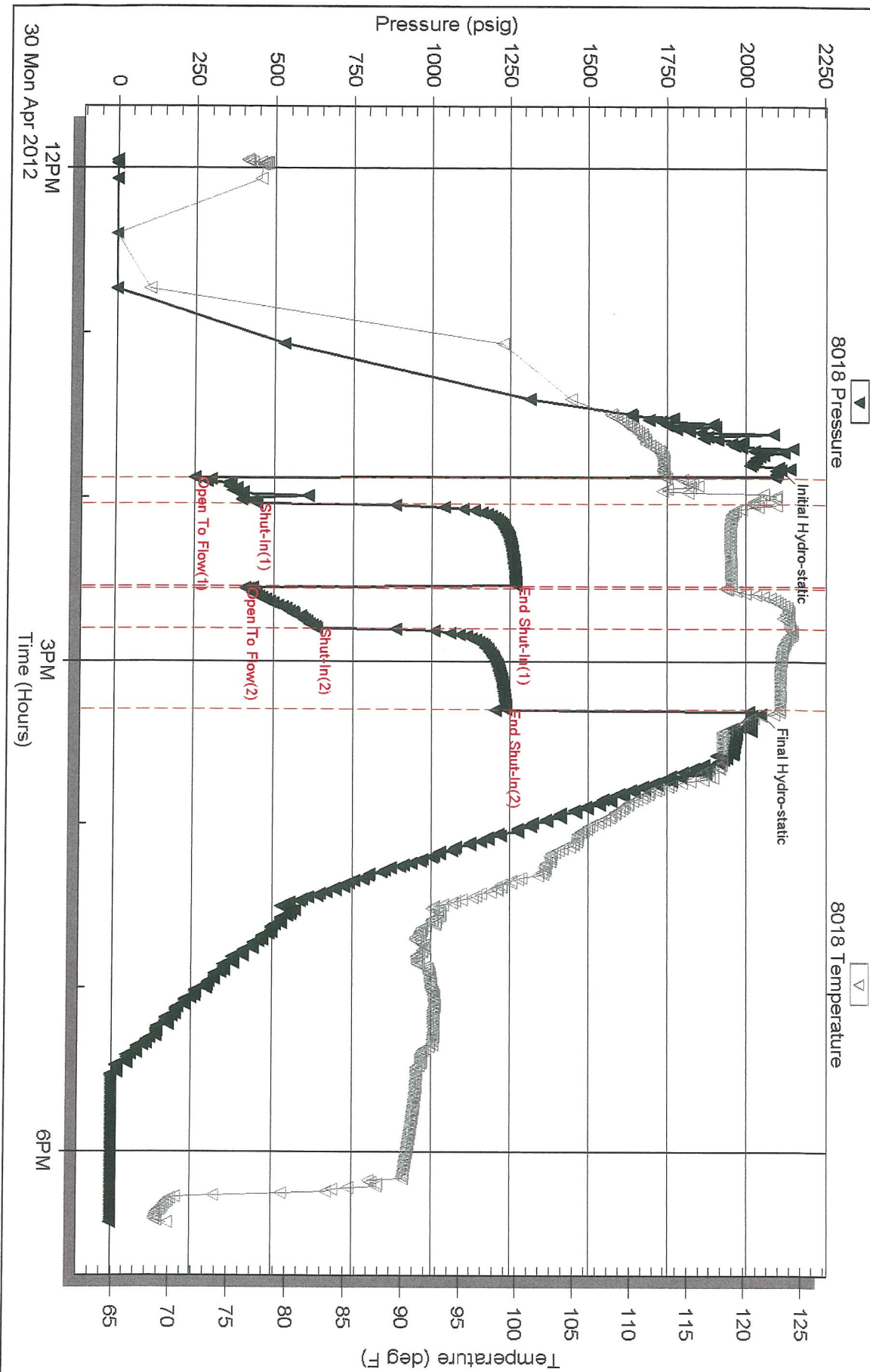
Inside

Palomiro Petroleum Inc

GHF#1

DST Test Number: 4

### Pressure vs. Time

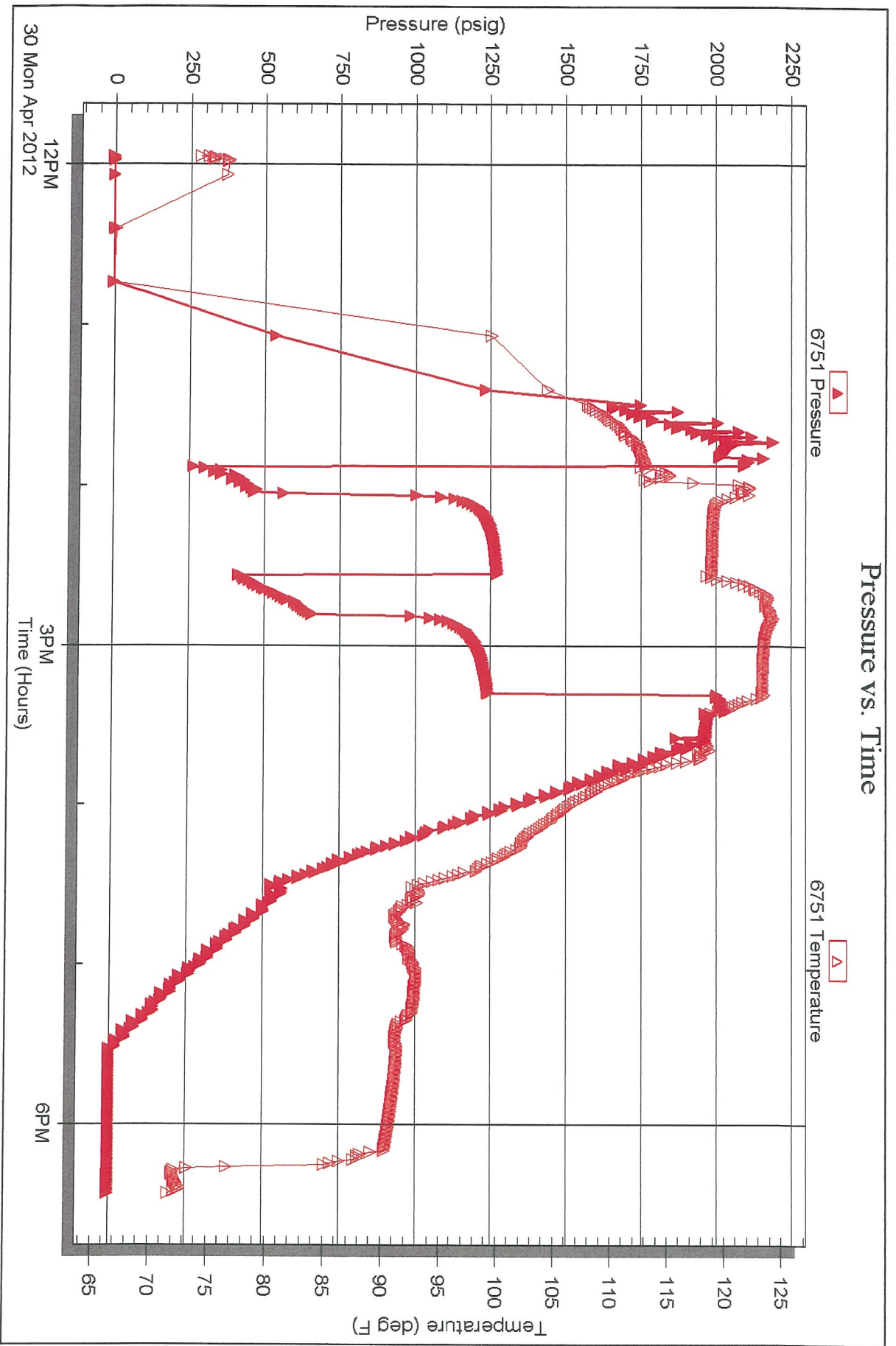


Serial #: 6751

Outside Palomiro Petroleum Inc

G.H.F.#1

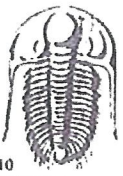
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 46637

Printed: 2012.05.03 @ 09:34:05



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

MAY 03 2012

## Test Ticket

NO. 46637

BY:

Well Name & No. GHF #1 Test No. 4 Date 4-30-12  
 Company Palomino Petroleum, Inc. Elevation 2365 KB 2355 GL  
 Address 4924 S.E. 84th St. Newton, KS 67114  
 Co. Rep / Geo. Nick Gelsner Rig Pickrell #1  
 Location: Sec. 24 Twp. 19s Rge. 25w Co. Ness State KS

Interval Tested 4270 - 4428 Zone Tested Mississippian  
 Anchor Length 158 Drill Pipe Run 4135 Mud Wt. 9.2  
 Top Packer Depth 4266 Drill Collars Run 123 Vis 48  
 Bottom Packer Depth 4270 Wt. Pipe Run - WL 10.4  
 Total Depth 4428 Chlorides 7800 ppm System LCM 0  
 Blow Description B.O.B. @ 1 1/2 min.  
No return.  
B.O.B. @ 2 min.  
No return.

Rec	Feet of		%gas	%oil	%water	%mud
<u>252</u>	<u>M</u>				<u>100</u>	
<u>522</u>	<u>GWOCM Emulsion</u>	<u>35%</u>	<u>35</u>	<u>10</u>	<u>5</u>	<u>15</u>
<u>378</u>	<u>GMWCO Emulsion</u>	<u>25%</u>	<u>40</u>	<u>15</u>	<u>10</u>	<u>10</u>
<u>123</u>	<u>GMWCO</u>		<u>35</u>	<u>45</u>	<u>10</u>	<u>10</u>

Rec Total 1275 BHT 123 Gravity - API RW .300 @ 73 °F Chlorides 22,000 ppm  
 (A) Initial Hydrostatic 2111  Test 1250' T-On Location 11:45  
 (B) First Initial Flow 249  Jars 250' T-Started 11:57  
 (C) First Final Flow 445  Safety Joint 75 T-Open 13:53  
 (D) Initial Shut-In 1271  Circ Sub NIC T-Pulled 15:18  
 (E) Second Initial Flow 408  Hourly Standby T-Out 18:26  
 (F) Second Final Flow 636  Mileage 112 RT 173.60 Comments  
 (G) Final Shut-In 1240  Sampler  
 (H) Final Hydrostatic 2048  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer 320  
 Extra Packer  Extra Copies  
 Initial Open 10  Extra Recorder Sub Total 320'  
 Initial Shut-In 30  Day Standby Total 2068.60  
 Final Flow 15  Accessibility MP/DST Disc't  
 Final Shut-In 30 Sub Total 1748.60

Approved By Nick Gelsner Our Representative Chuck Smith

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