

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.	WELL LOCATION <u>24-19-24</u>
3. WELL TYPE <u>0.7</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>acid PPI</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

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 ea					650.00	650.00
301					20 %					260.00	520.00
232					10 gal					20.00	200.00
230					1 gal					25.00	25.00
254					1 gal					40.00	40.00
235					1 gal					35.00	35.00
221					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?

AGREE UN-DECIDED DIS-AGREE

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 2390.00

TAX: 7.55

TOTAL: 2390.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

Thank You!

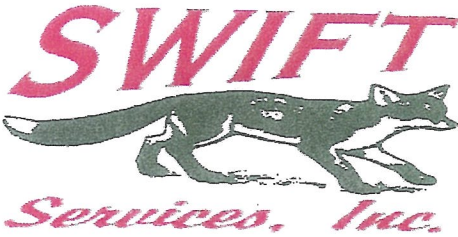
JOB LOG

SWIFT Services, Inc.

DATE 21 May 21 PAGE NO.

CUSTOMER Petroleum 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 ₂ O packer test 4419' peds 4404-12
	1000							on loc TRK 114
	1100		5					pickle tubing - (2 bbl acid + 20 bbl H ₂ 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 ₂ 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 Chks 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	1200.00
576D		1			Pump Charge	1	ea			1250.00	1250.00
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

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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	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4335.00
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				4480.80

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

SWIFT OPERATOR: McMill APPROVAL: _____

7.55 TAX 6.3%
 145.80

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 16 MAY 12 PAGE NO.

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 ₂ 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: PALMIND PETROLEUM
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No **22144**

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City, KS.</u>	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <u>PICKRELL DRILLING RIE 1</u>	<u>GHL # 1</u>	<u>NESS</u>	<u>KS.</u>	<u>LAIRD, KS.</u>	<u>1 May 12</u>	
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>DEVELOPMENT</u>	RIG NAME/NO.	JOB PURPOSE <u>5 1/2" LONGSTRING-</u>	SHIPPED VIA	DELIVERED TO	WELL LOCATION <u>535, 1E, 1W</u>	ORDER NO.
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
075				MILEAGE <u>A 110</u>	20	mi			1.00	20.00
578				Pump CHARGE	1500		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 PILE 4" BARREL	1	EA.			250.00	250.00
407				HAZERT FLOAM 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

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

X DATE SIGNED 1 May 12 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?	AGREE	UN-DECIDED	DIS-AGREE
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	

PAGE TOTAL 1 6925.00
 SUBTOTAL 11,722.00
 TAX 592.33
 TOTAL 12,314.33

SWIFT OPERATOR [Signature] APPROVAL [Signature] CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. Thank you!

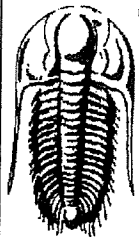
JOB LOG

SWIFT Services, Inc.

DATE May 12 PAGE NO.

CUSTOMER VALDOMINO PETROLEUM WELL NO. LEASE GHF #1 JOB TYPE 5 1/2 LONG STRING 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)

Reference Elevations: 2365.00 ft (KB)

Total Depth: 3971.00 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: 230.54 psig @ 3862.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.27

End Date:

2012.04.27

Last Calib.:

2012.04.27

Start Time: 10:30:02

End Time:

18:38:30

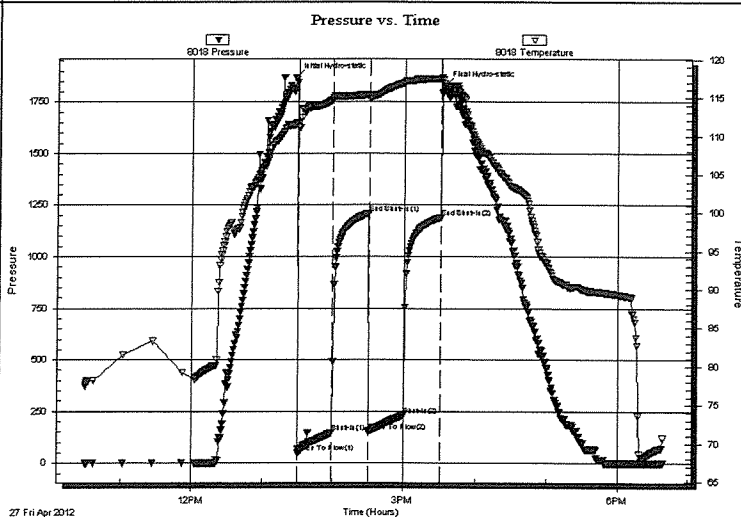
Time On Btm:

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

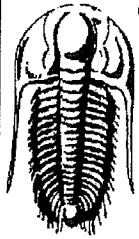
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.68	111.54	Initial Hydro-static
3	47.59	111.17	Open To Flow (1)
33	147.63	114.74	Shut-In(1)
63	1209.67	115.40	End Shut-In(1)
63	151.45	114.88	Open To Flow (2)
93	230.54	116.94	Shut-In(2)
124	1190.90	117.47	End Shut-In(2)
126	1827.97	116.87	Final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

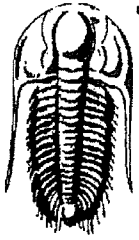
Drill Pipe:	Length: 3731.00 ft	Diameter: 3.80 inches	Volume: 52.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<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:

bbf

Water Loss: 10.35 in³

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 bbf
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 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

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

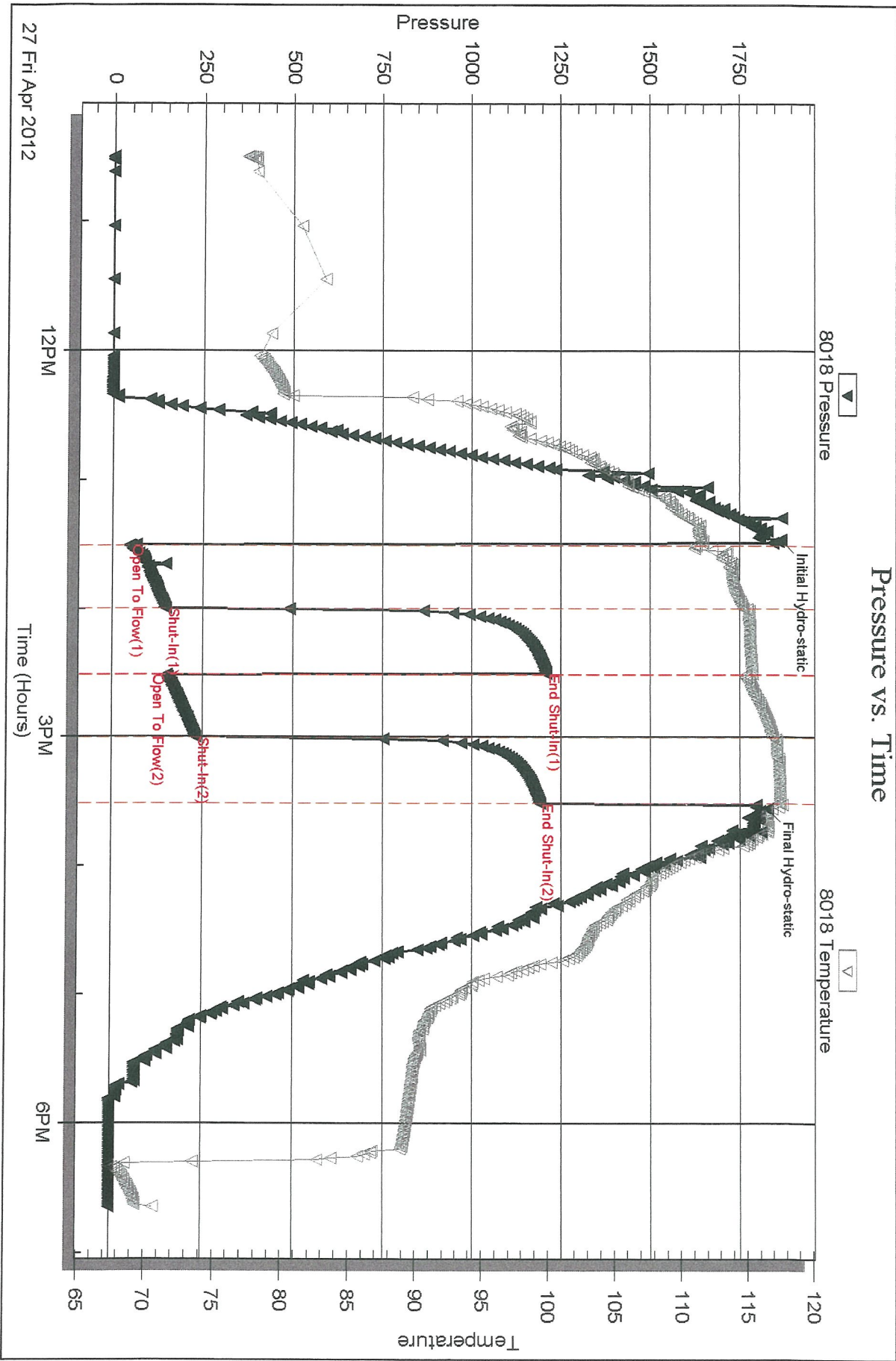
Serial #: 8018

Inside

Palomino Petroleum Inc

G H F #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 46634

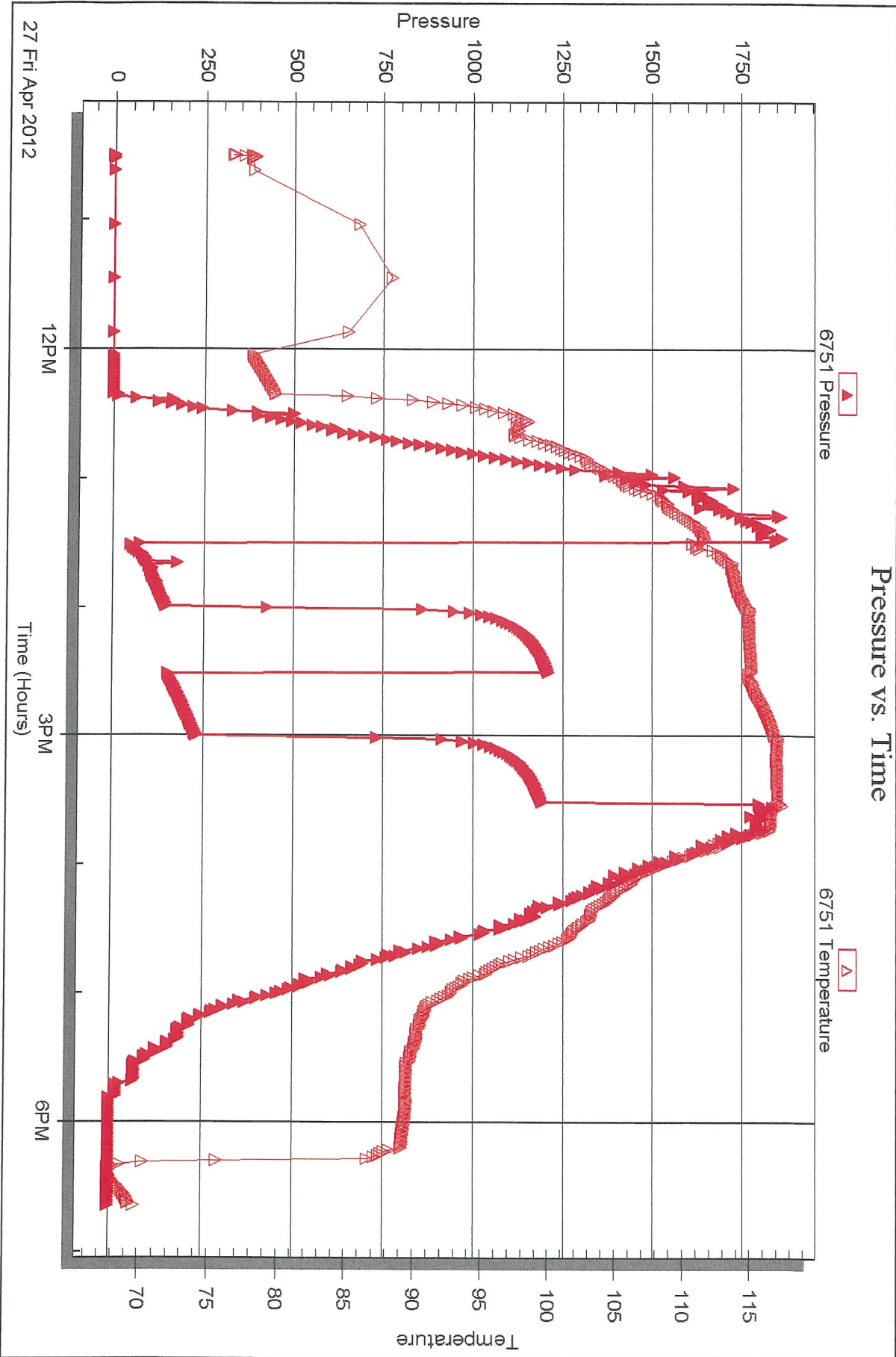
Printed: 2012.05.03 @ 09:36:26

Serial #: 6751

Outside Palomino Petroleum Inc

G.H.F.#1

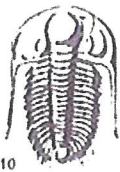
DST Test Number: 1



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

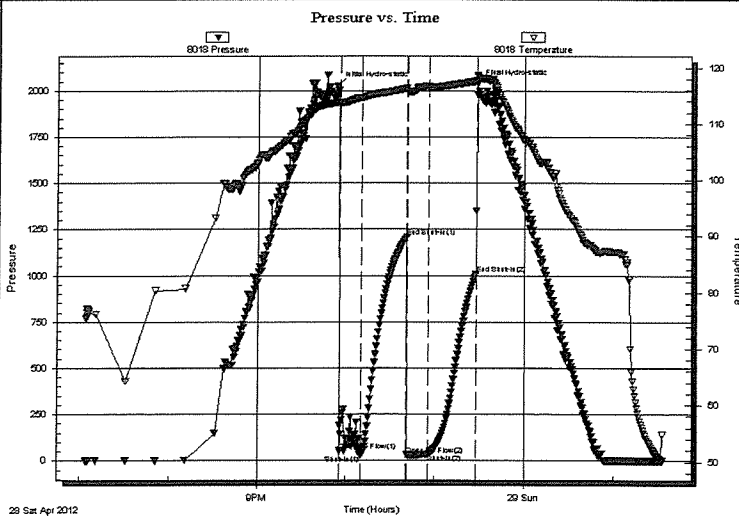
Time On Btm:

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

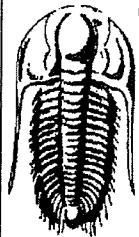
Recovery

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		

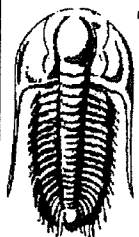
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

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

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
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:

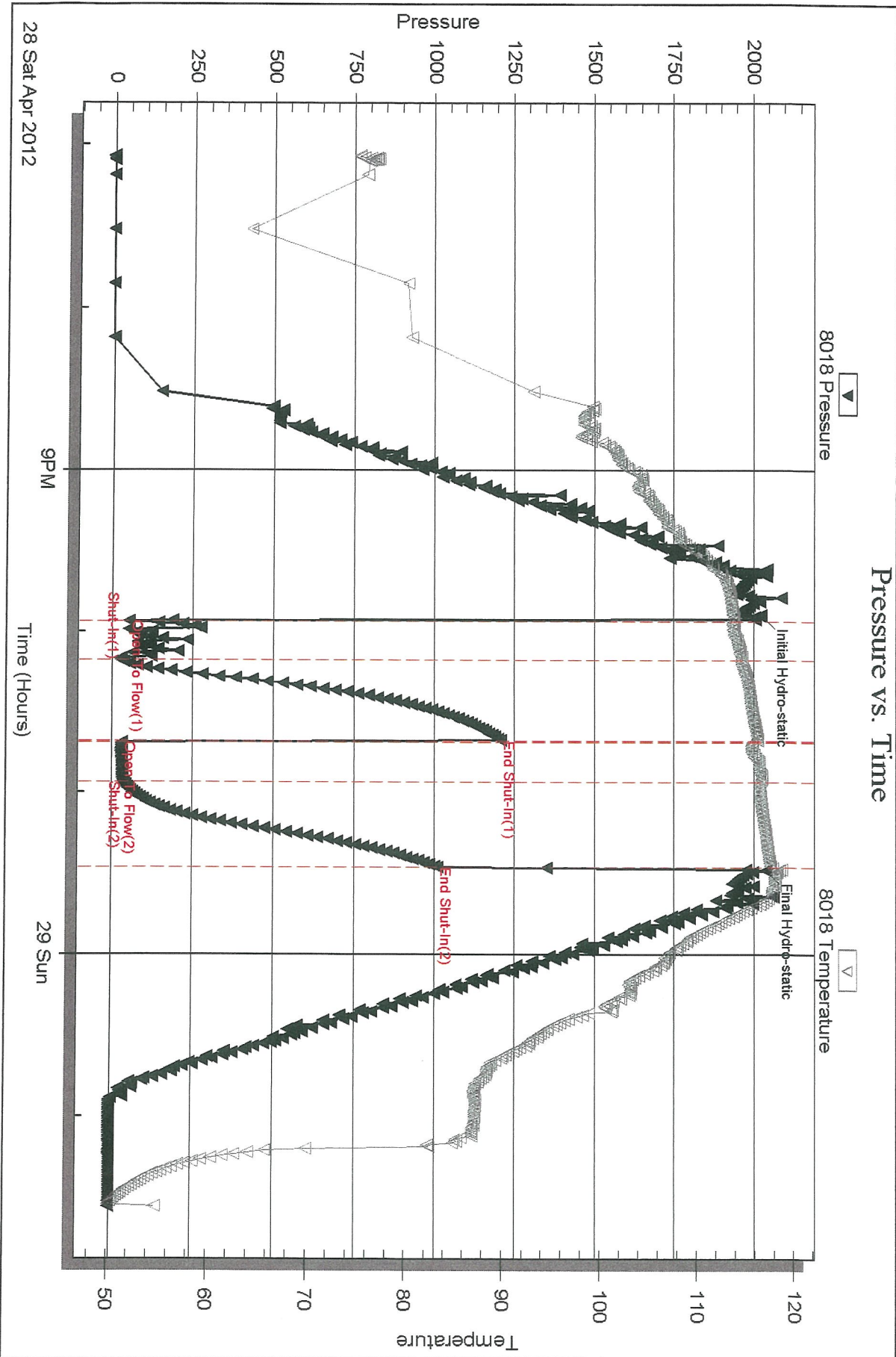
Serial #: 8018

Inside

Palomino Petroleum Inc

G.H.F.#1

DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 46635

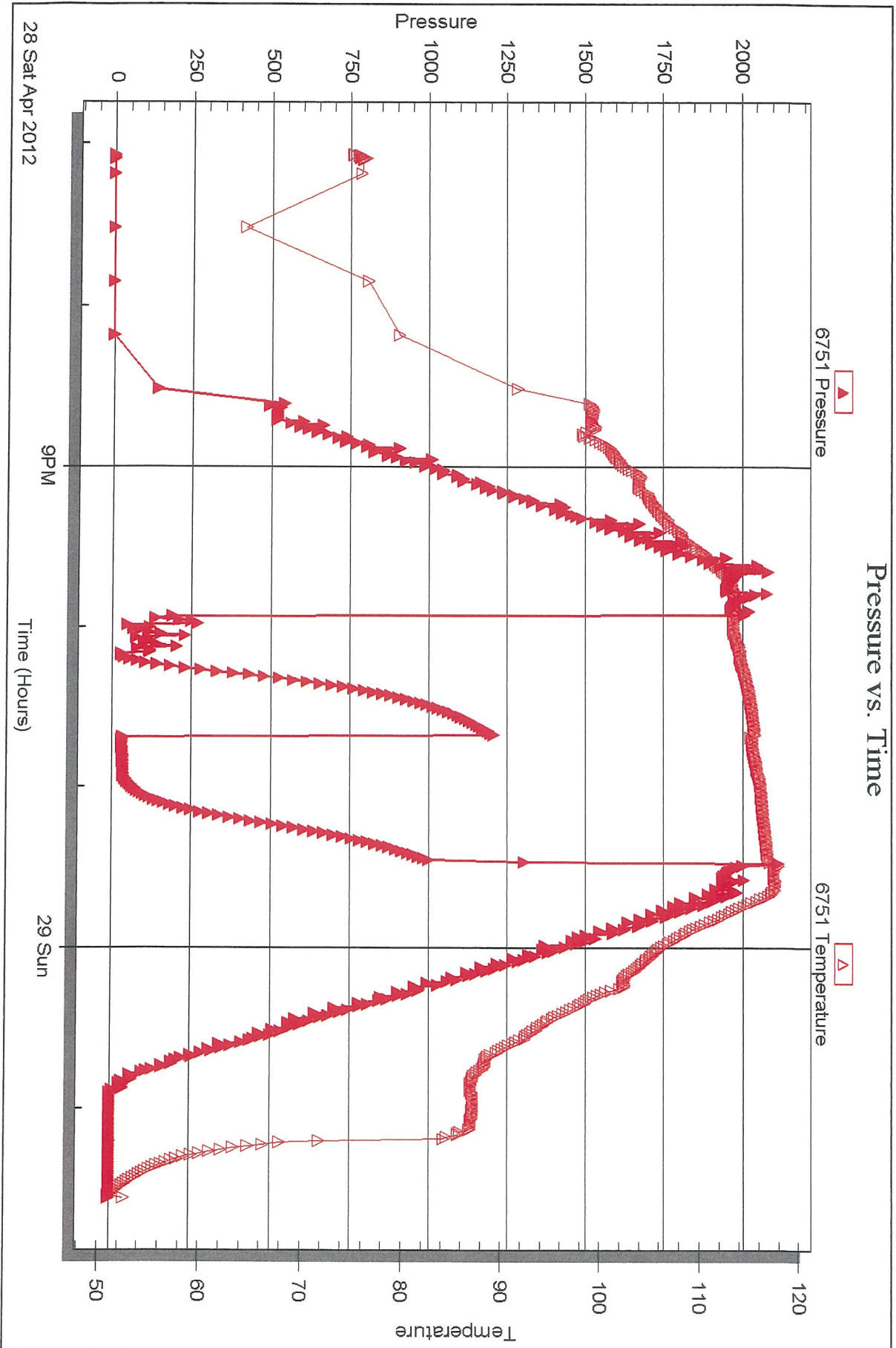
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Serial #: 6751

Outside Palomino Petroleum Inc

G.H.F.#1

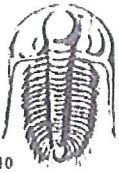
DST Test Number: 2



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 Ruined Shale Packer
 (H) Final Hydrostatic 2037 Straddle Ruined Packer

Initial Open 1.5 Shale Packer Extra Copies
 Initial Shut-In 30 Extra Packer Sub Total 0
 Final Flow 15 Extra Recorder Total 1748.60
 Final Shut-In 32 Day Standby MP/DST Disc't
 Sub Total 1748.60

Approved By _____ Our Representative Chuck Smith

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**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

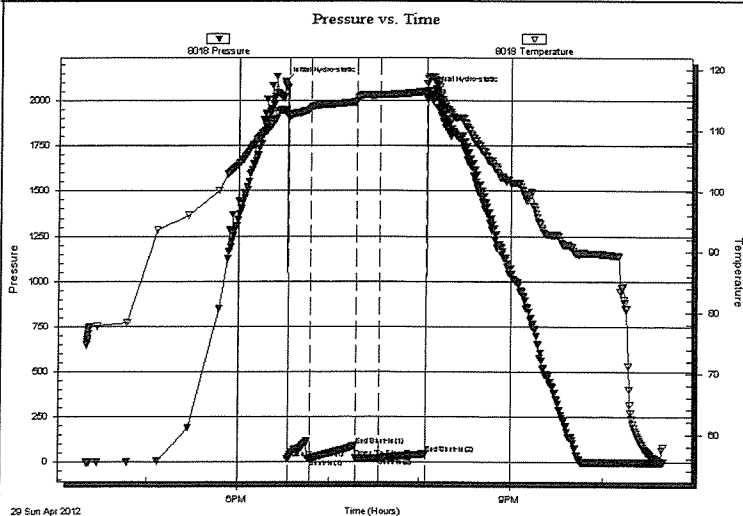
End Time:

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

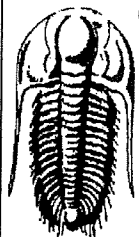
Recovery

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

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

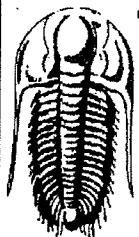
Tool Information

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 in³
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

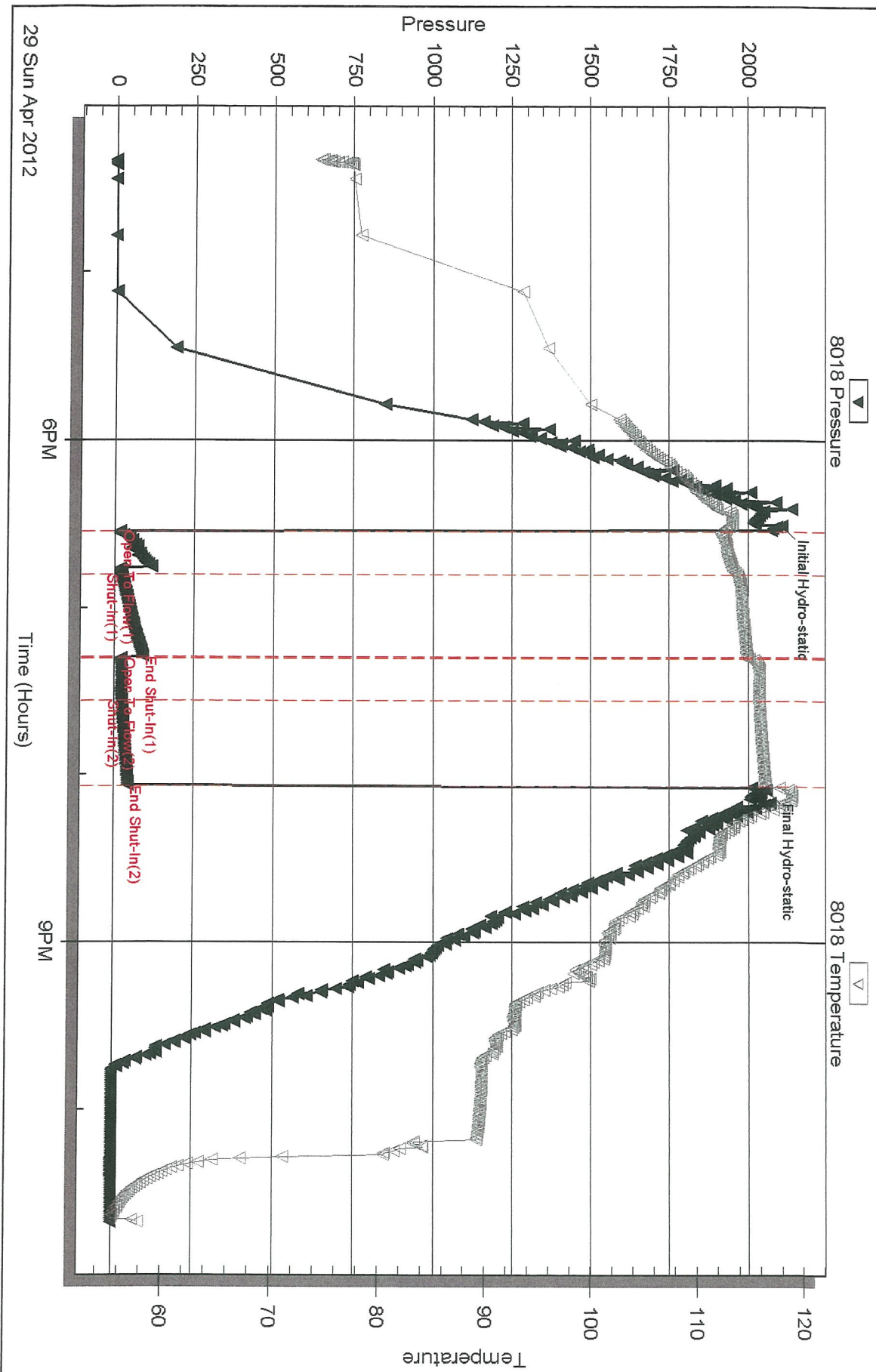
Inside

Palomino Petroleum Inc

G.H.F.#1

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 46636

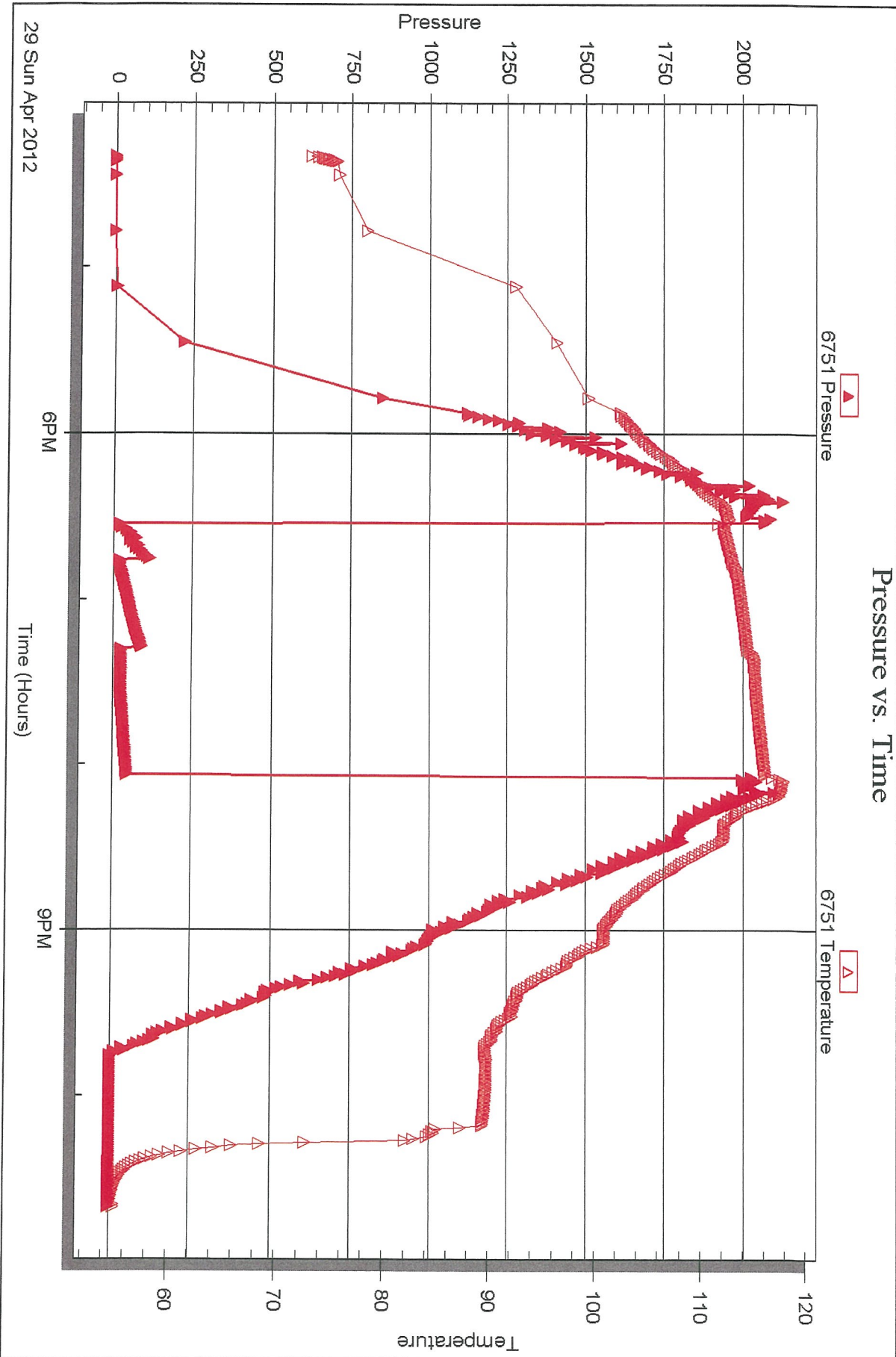
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Serial #: 6751

Outside Palomino Petroleum Inc

G H F #1

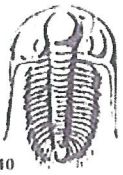
DST Test Number: 3



Tribolite Testing, Inc

Ref. No: 46636

Printed: 2012.05.03 @ 09:34:45



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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MAY 03 2012
BY:

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 Pickrell #1
 Location: Sec. 24 Twp. 19S Rge. 25W Co. Ness State KS

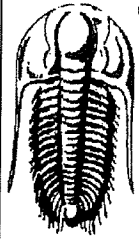
Interval Tested 4270-4325 Zone Tested Ft. Scott
 Anchor Length 55 Drill Pipe Run 4140 Mud Wt. 9.1
 Top Packer Depth 4266 Drill Collars Run 123 Vis 5.5
 Bottom Packer Depth 4270 Wt. Pipe Run 0 WI 10.4
 Total Depth 4325 Chlorides 7800 ppm System LCM 0
 Blow Description 1/2' Blow, receded to surface blow
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 112 RT 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

Approved By _____ Our Representative Chuck Smith

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**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

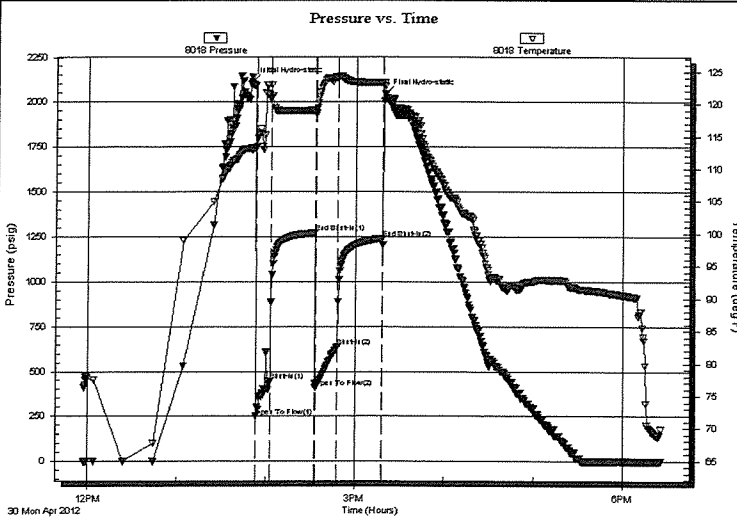
Capacity: 8000.00 psig

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

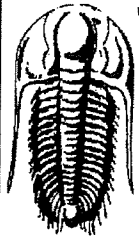
Recovery

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

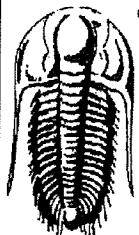
Tool Information

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 in³
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

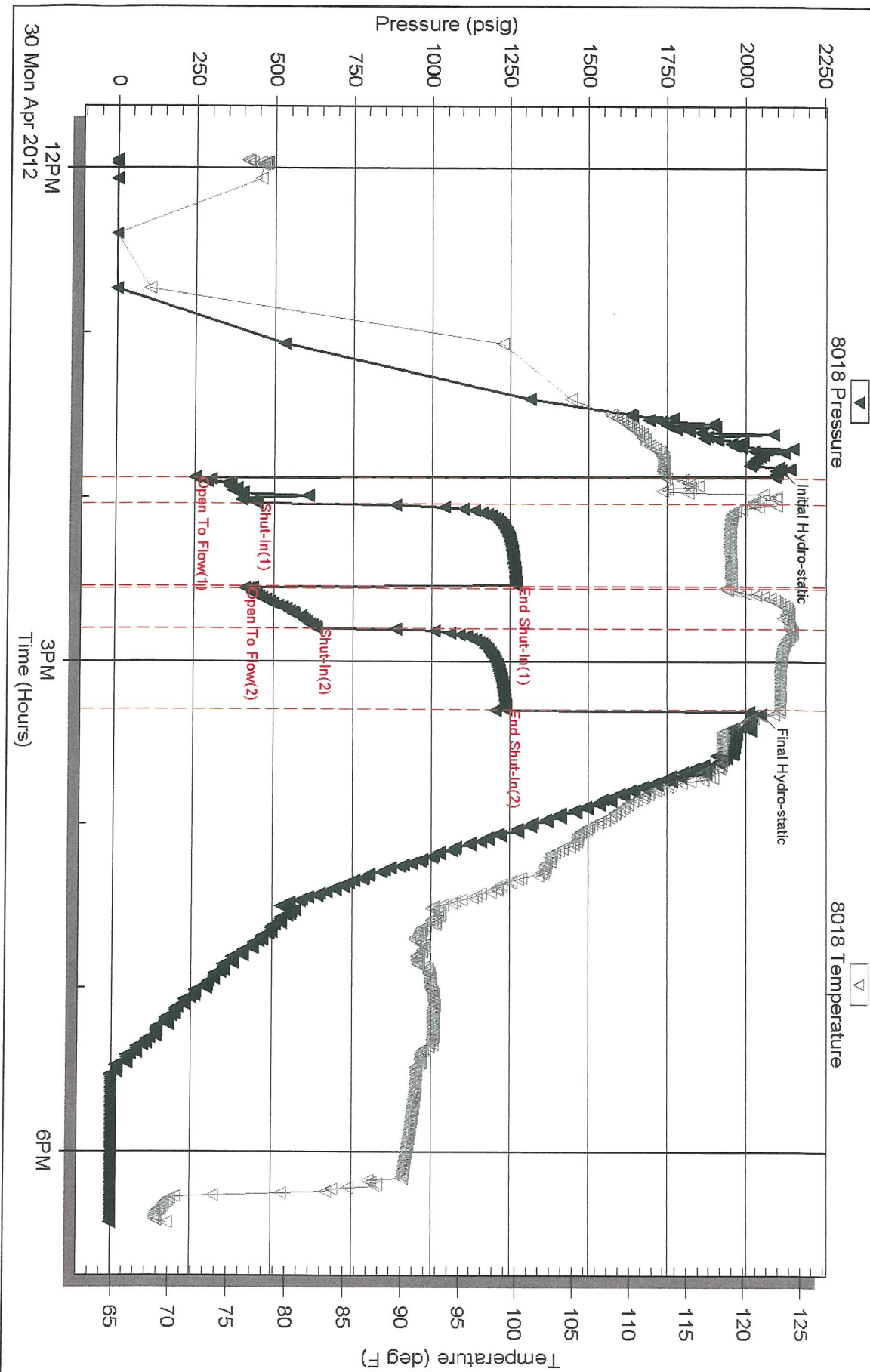
Inside

Palomiro Petroleum Inc

GHF#1

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46637

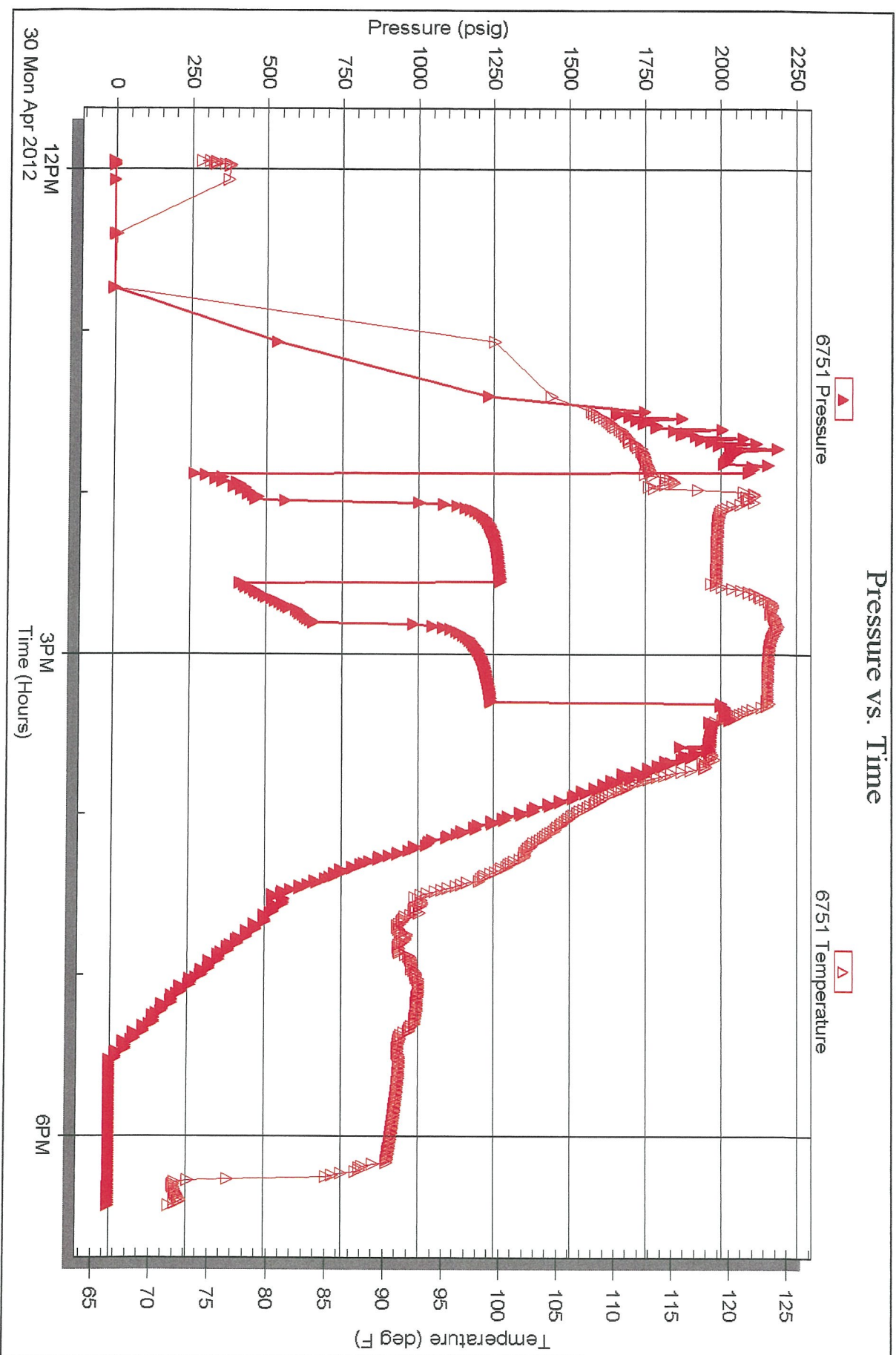
Printed: 2012.05.03 @ 09:34:04

Serial #: 6751

Outside Palomiro Petroleum Inc

G.H.F.#1

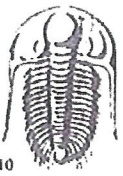
DST Test Number: 4



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	Feet of		%gas	%oil	%water	%mud

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
 Extra Recorder Sub Total 320'
 Day Standby Total 2068.60
 Accessibility MP/DST Disc't
 Sub Total 1748.60

Initial Open 10
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Approved By Nick Gelsner Our Representative Chuck Smith

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