



KANSAS CORPORATION COMMISSION 1095820
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30742
Name: Palomino Petroleum, Inc.
Address 1: 4924 SE 84TH ST
Address 2:
City: NEWTON State: KS Zip: 67114 + 8827
Contact Person: Klee R. Watchous
Phone: (316) 799-1000
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Ryan Seib
Purchaser: None

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:
07/28/2012 08/06/2012 08/07/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25415-00-00
Spot Description:
NW NE NW SW Sec. 33 Twp. 16 S. R. 26 East West
2523 Feet from North / South Line of Section
962 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Bentley-Horchern Well #: 1
Field Name: Utica Northwest
Producing Formation: None
Elevation: Ground: 2651 Kelly Bushing: 2653
Total Depth: 4655 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 250 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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: NAOMI JAMES Date: 10/08/2012



1095820

Operator Name: Palomino Petroleum, Inc. Lease Name: Bentley-Horchem Well #: 1
 Sec. 33 Twp. 16 S. R. 26 East West County: Ness

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Radiation Guard Log				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	250	Common	165	3%cc 2%gel

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i>	PRODUCTION INTERVAL:
--	--	-----------------------------

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Bentley-Horchem 1
Doc ID	1095820

Tops

	Top	Datum
Anhy.	2052	+ 601
Base Anhy.	2086	+ 567
Heebner	3913	-1260
Lansing	3953	-1300
BKC	4264	-1616
Marmaton	4317	-1664
Pawnee	4410	-1757
Ft. Scott	4468	-1815
Cherokee	4492	-1839
Miss.	4572	-1919
LTD	4657	-2004



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

RECEIVED

AUG 06 2011

INVOICE

Invoice Number: 132069

Invoice Date: Jul 28, 2012

Page: 1



Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	Bentley-Horcher#1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jul 28, 2012	8/27/12

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.25	2,681.25
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
178.24	SER	Cubic Feet	2.10	374.30
252.02	SER	Ton Mileage	2.35	592.27
1.00	SER	Surface	1,125.00	1,125.00
31.00	SER	Pump Truck Mileage	7.00	217.00
31.00	SER	Light Vehicle Mileage	4.00	124.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1381.09

ONLY IF PAID ON OR BEFORE
Aug 22, 2012

Subtotal	5,526.77
Sales Tax	194.93
Total Invoice Amount	5,721.70
Payment/Credit Applied	
TOTAL	5,721.70

ALLIED OIL & GAS SERVICES, LLC 053687

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Great Bend

DATE <u>7-28-12</u>	SEG <u>37</u>	TWP <u>16</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 AM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>Bentley-Horchow</u>	WELL # <u>1</u>	LOCATION <u>1 1/2 south east 1st</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>						<u>1.01</u>	<u>6.3</u>

CONTRACTOR Val #11 OWNER Palomino

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 131

CASING SIZE 8 5/8 DEPTH 131

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 FT

PERFS.

DISPLACEMENT 15.03 BBL

CEMENT AMOUNT ORDERED	<u>165 JK Class A</u>
<u>20 cc 20 gal</u>	
COMMON	<u>165 @ 16.25 = 2,681.25</u>
POZMIX	<u>3 @ 21.25 = 63.75</u>
GEL	<u>6 @ 58.20 = 349.20</u>
CHLORIDE	<u>6 @ 58.20 = 349.20</u>
ASC	
HANDLING	<u>178.24 @ 2.10 = 374.30</u>
MILEAGE	<u>8.13 x 31 = 252.02</u>
	<u>2.35 @ 252.02 = 592.27</u>
TOTAL	<u>4,060.27</u>

EQUIPMENT

PUMP TRUCK # 266 CEMENTER 2 Greg R

BULK TRUCK # 311 DRIVER 2 Joel W

BULK TRUCK # DRIVER

REMARKS:
Pipe run to bottom Circ 4/Rig
Wells took up with 165 JK
Class A 20 cc 20 gal Class A
W/ 15.03 BBL Class A
131 ft in cement class A
Palomino
Plug down @ 6:30 PM

CHARGE TO: Palomino

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>251</u>
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	<u>@</u>
MILEAGE Num	<u>31 @ 7.00 = 217.00</u>
MANIFOLD	<u>@</u>
hvm	<u>31 @ 4.00 = 124.00</u>
	<u>@</u>
TOTAL	<u>1466.00</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X JAMES SLUHR

SIGNATURE X [Signature]

PLUG & FLOAT EQUIPMENT

	<u>@</u>	
	<u>@</u>	
	<u>@</u>	
	<u>@</u>	
	<u>@</u>	
TOTAL		
SALES TAX (If Any)	<u>194.93</u>	
TOTAL CHARGES	<u>5,526.27</u>	
DISCOUNT	<u>252 @ 1,381.00 = 348,012.00</u>	
	<u>4,145.07</u>	

IF PAID IN 30 DAYS



RECEIVED

AUG 18 2012

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 132282

Invoice Date: Aug 7, 2012

Page: 1

Voice: (817) 546-7282

Fax: (817) 246-3361



Bill To:

Palomino Petroleum, Inc.
4924 SE 84th St
Newton, KS 67114-8827

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	BentleyHorshen	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	Aug 7, 2012	9/6/12

Quantity	Item	Description	Unit Price	Amount
174.00	MAT	Class A Common	16.25	2,827.50
116.00	MAT	Pozmix	8.50	986.00
10.00	MAT	Gel	21.25	212.50
72.00	MAT	Flo Seal	2.70	194.40
311.46	SER	Cubic Feet	2.10	654.06
403.00	SER	Ton Mileage	2.35	947.05
1.00	SER	Rotary Plug	1,250.00	1,250.00
31.00	SER	Pump Truck Mileage	7.00	217.00
31.00	SER	Light Vehicle Mileage	4.00	124.00
1.00	CEMENTER	Wayne Davis		
1.00	OPER ASSIST	John Campbell		
1.00	EQUIP OPER	Joshua Isaac		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1853.12

ONLY IF PAID ON OR BEFORE

Sep 1, 2012

Subtotal	7,412.51
Sales Tax	466.99
Total Invoice Amount	7,879.50
Payment/Credit Applied	
TOTAL	7,879.50

ALLIED OIL & GAS SERVICES, LLC 053715

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend

DATE <u>8-7-12</u>	SEC. <u>33</u>	TWP. <u>16S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Danley</u>			WELL#		LOCATION <u>Section 2 West 1 South</u>	COUNTY <u>Wesb</u>	STATE <u>KS</u>
<input checked="" type="checkbox"/> OLD OR NEW (Circle one)			<u>29 West North 10th</u>				

2.03
6.3
all

CONTRACTOR Wal 7 OWNER Palomino

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4655

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 2090

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

CEMENT AMOUNT ORDERED 290 SK 60/40 + 48 Gel + 5 flo seal

COMMON	<u>174</u>	@ <u>16.25</u>	<u>2,827.50</u>
POZMIX	<u>116</u>	@ <u>8.50</u>	<u>986.00</u>
GEL	<u>10</u>	@ <u>21.25</u>	<u>212.50</u>
CHLORIDE		@	
ASC		@	
	<u>flo seal 72</u>	@ <u>2.70</u>	<u>194.20</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>311.76</u>	<u>1</u>	@ <u>2.10</u> <u>654.50</u>
MILEAGE	<u>13 x 31 x 2.35</u>		<u>97.05</u>
			<u>5,821.51</u>

403.

EQUIPMENT

PUMP TRUCK CEMENTER Wayne Davis 1

298 HELPER John Campbell 3

BULK TRUCK DRIVER Sasha Isaac 2

482-

BULK TRUCK DRIVER

#

REMARKS:

1st plug at 2090 mix 50 SK

2nd plug at 1280 mix 80 SK

3rd plug at 700 mix 40 SK

4th plug at 270 mix 50 SK

5th plug at 60 mix 20 SK

Rat hole mix 30 SK

Mousse mix 20 SK

SERVICE

DEPTH OF JOB	<u>2090</u>
PUMP TRUCK CHARGE	<u>1250.00</u>
EXTRA FOOTAGE	@
MILEAGE HUM	<u>31</u> @ <u>7.00</u> <u>217.00</u>
MANIFOLD	@
	<u>hum 21</u> @ <u>4.00</u> <u>124.00</u>
	@
TOTAL	<u>1591.00</u>

CHARGE TO: Palomino

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

SALES TAX (If Any) 466.98

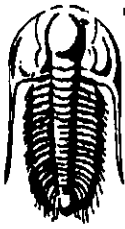
TOTAL CHARGES 7,412.51

DISCOUNT 25% 1,853.12 IF PAID IN 30 DAYS

5,559.38

PRINTED NAME James Strutt 2

SIGNATURE [Signature]



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS. 67114-8827
ATTN: Ryan Seib

33-16s-26w-Ness

Bentley-Horchem #1

Job Ticket: 47841

DST#: 2

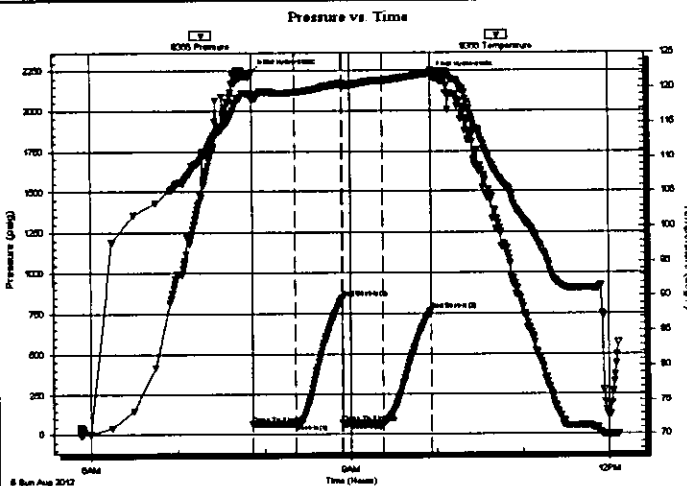
Test Start: 2012.08.05 @ 05:52:46

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No** Whipstock: **0.00 ft (KB)**
Time Tool Opened: **07:51:46**
Time Test Ended: **12:07:01**
Interval: **4482.00 ft (KB) To 4592.00 ft (KB) (TVD)**
Total Depth: **4592.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Jason McLemore**
Unit No: **54**
Reference Elevations: **2653.00 ft (KB)**
2643.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 8366 Inside
Press@RunDepth: **69.20 psig @ 4579.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.08.05** End Date: **2012.08.05** Last Calib.: **2012.08.05**
Start Time: **05:52:48** End Time: **12:07:01** Time On Btm: **2012.08.05 @ 07:51:31**
Time Off Btm: **2012.08.05 @ 09:56:16**

TEST COMMENT: IFP-Weak Blow, Died in 10 Min.
IS-Dead
FFP-Dead
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.00	119.12	Initial Hydro-static
1	65.11	118.22	Open To Flow (1)
31	66.96	119.33	Shut-In(1)
63	843.67	120.56	End Shut-In(1)
63	69.75	120.06	Open To Flow (2)
91	69.20	121.00	Shut-In(2)
125	768.50	122.04	End Shut-In(2)
125	2218.48	122.49	Final Hydro-static

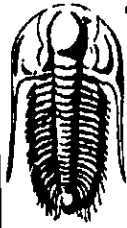
Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM-10%O-90%M	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

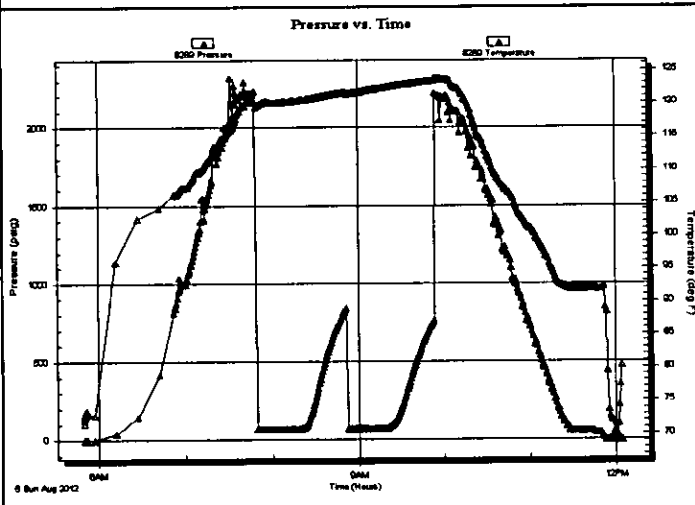
Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS. 67114-8827
ATTN: Ryan Seib

33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 47841 **DST#: 2**
Test Start: 2012.08.05 @ 05:52:46

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No Whipstock: 0.00 ft (KB)**
Time Tool Opened: 07:51:46
Time Test Ended: 12:07:01
Interval: **4482.00 ft (KB) To 4592.00 ft (KB) (TVD)**
Total Depth: **4592.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Jason McLemore**
Unit No: **54**
Reference Elevations: **2653.00 ft (KB)**
2643.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 8289 Outside
Press@RunDepth: **psig @ 4579.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.08.05** End Date: **2012.08.05** Last Calib.: **2012.08.05**
Start Time: **05:50:02** End Time: **12:04:45** Time On Btrn:
Time Off Btrn:
TEST COMMENT: **IFP-Weak Blow, Died in 10 Mn.**
ISI-Dead
FFP-Dead
FSI-Dead



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	SOCM-10%O-90%M	0.14

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS. 67114-8827
ATTN: Ryan Seib

33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 47841 **DST#: 2**
Test Start: 2012.08.05 @ 05:52:46

Mud and Cushion Information

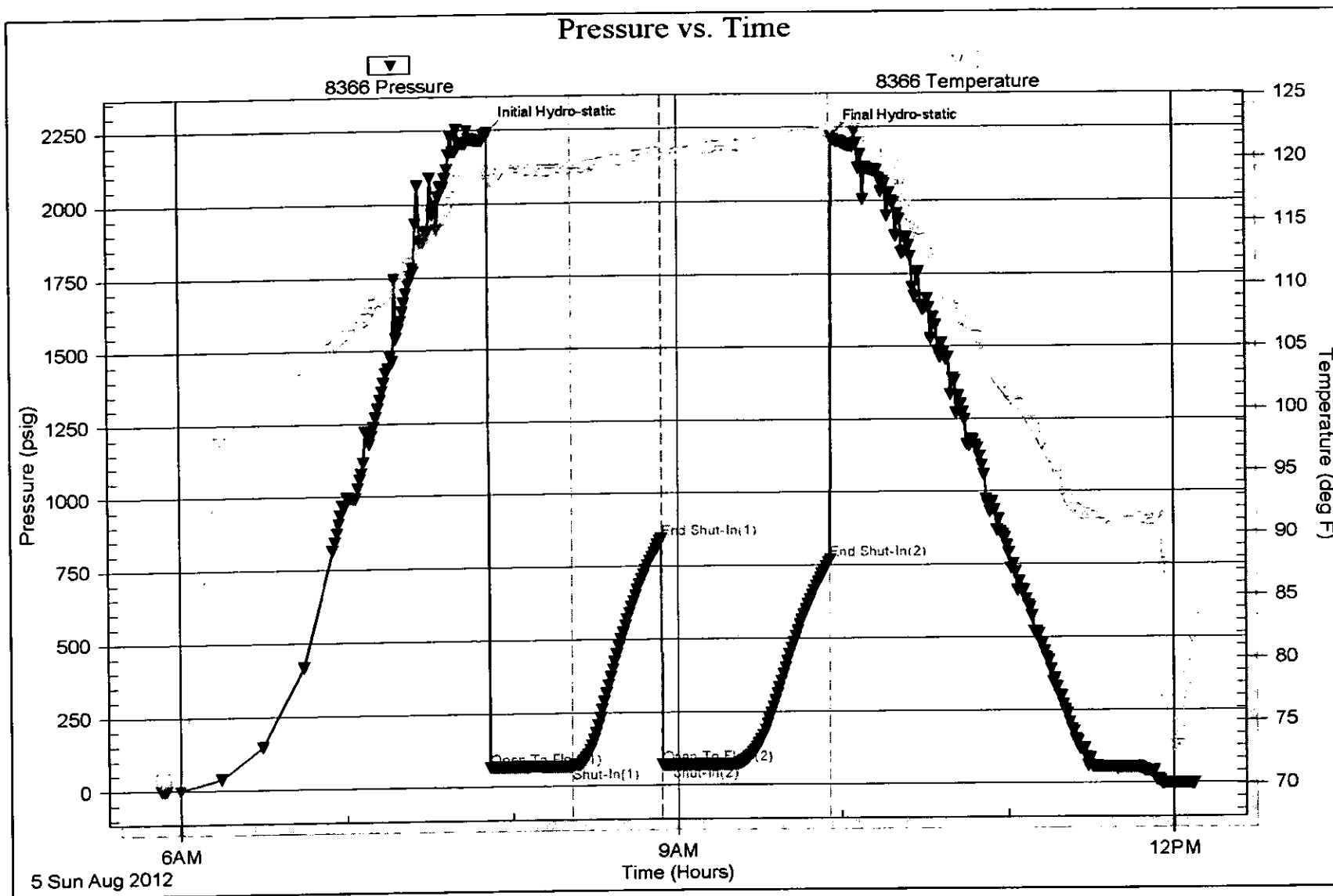
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	42.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	9.98 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3300.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM-10%O-90%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

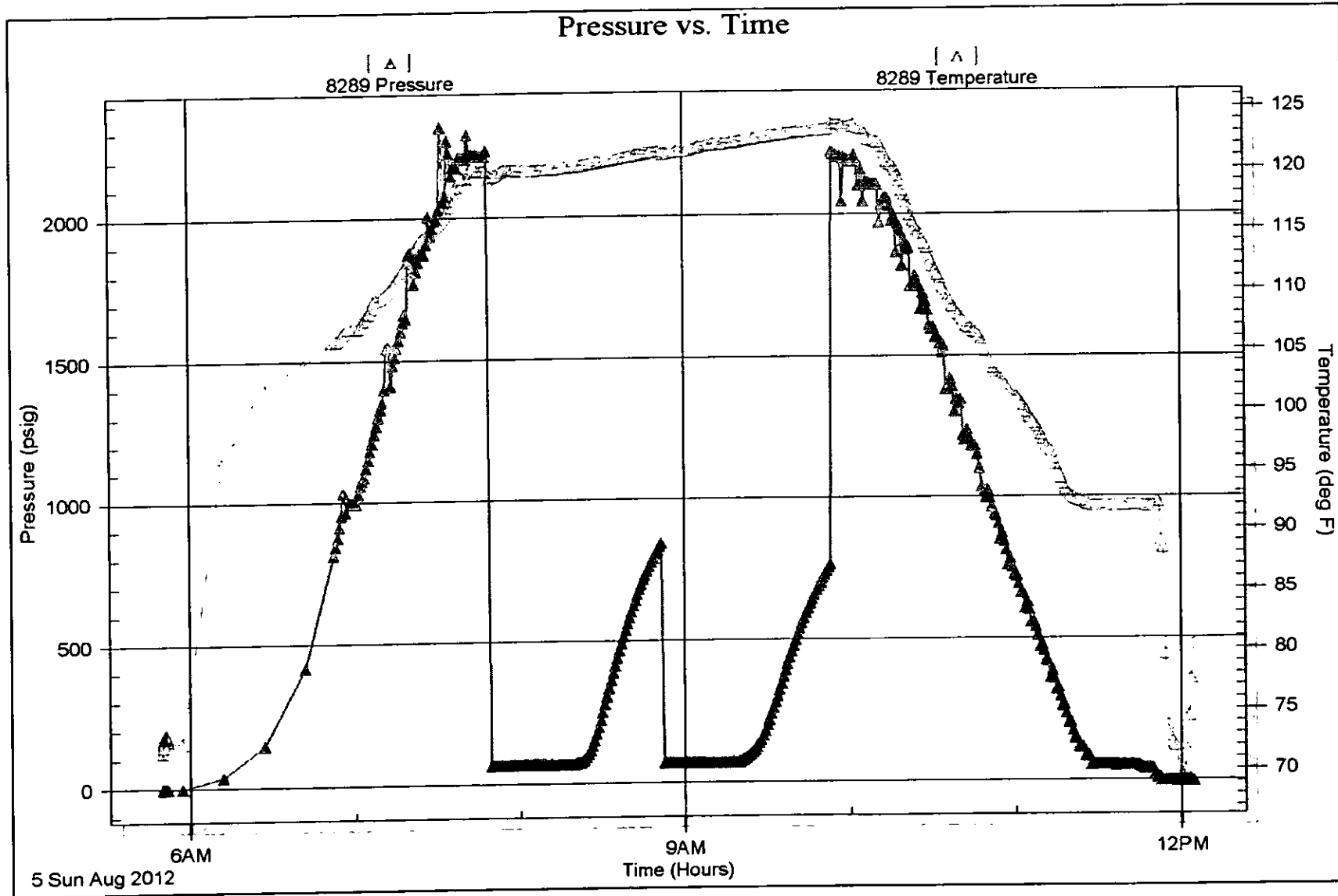


Serial #: 8289

Outside Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 Newton, KS. 67114-8827
 ATTN: Ryan Seib

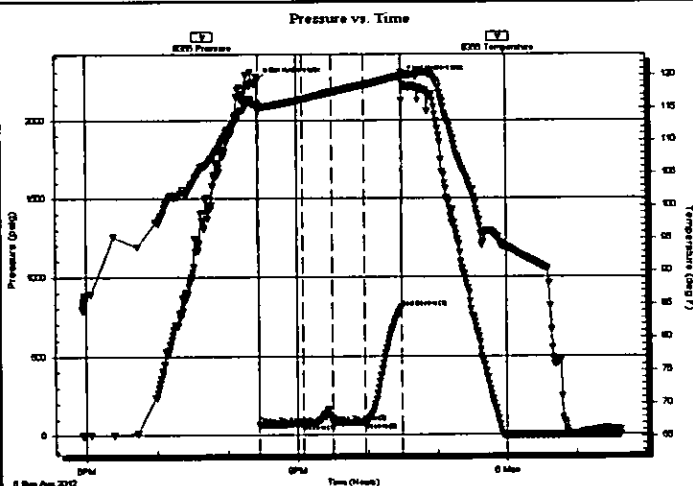
33-16s-26w-Ness
Bentley-Horchem #1
 Job Ticket: 47842 DST#: 3
 Test Start: 2012.08.05 @ 17:56:34

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: **No Whipstock: 0.00 ft (KB)**
 Time Tool Opened: 20:27:04
 Time Test Ended: 01:38:04
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Jason McLemore**
 Unit No: **54**
 Interval: **4482.00 ft (KB) To 4605.00 ft (KB) (TVD)**
 Total Depth: **4605.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: **Good**
 Reference Elevations: **2653.00 ft (KB)**
2643.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 8366 **Inside**
 Press@RunDepth: **74.69 psig @ 4579.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.08.05** End Date: **2012.08.06** Last Calib.: **2012.08.06**
 Start Time: **17:56:36** End Time: **01:38:04** Time On Btm: **2012.08.05 @ 20:26:34**
 Time Off Btm: **2012.08.05 @ 22:30:04**

TEST COMMENT: IFF-Weak Blow, Built to 1"
 IS-Dead
 FFP-Weak Blow, Built to 1/2"
 FS-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.26	115.57	Initial Hydro-static
1	66.15	114.43	Open To Flow (1)
38	74.69	116.25	Shut-In(1)
64	78.08	117.34	Open To Flow (2)
92	81.28	118.40	Shut-In(2)
123	804.77	119.77	End Shut-In(1)
124	2264.14	120.14	Final Hydro-static

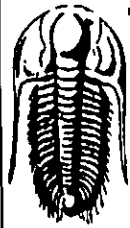
Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM-10%O-90%M	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS. 67114-8827
ATTN: Ryan Seib

33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 47842 **DST#: 3**
Test Start: 2012.08.05 @ 17:56:34

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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM-10%O-90%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

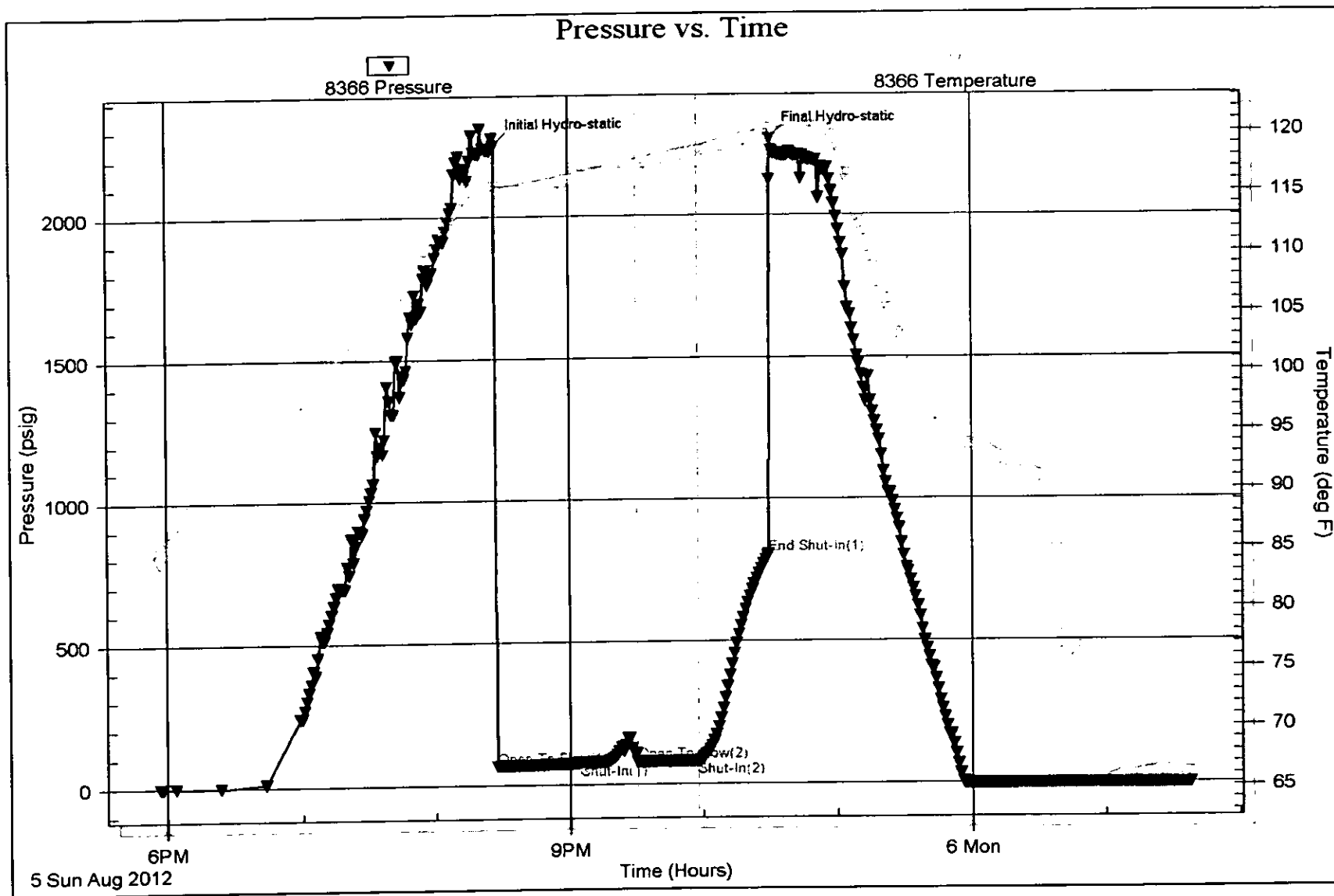
Serial #: 8366

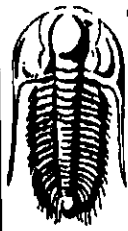
Inside

Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS. 67114-8827
ATTN: Ryan Seib

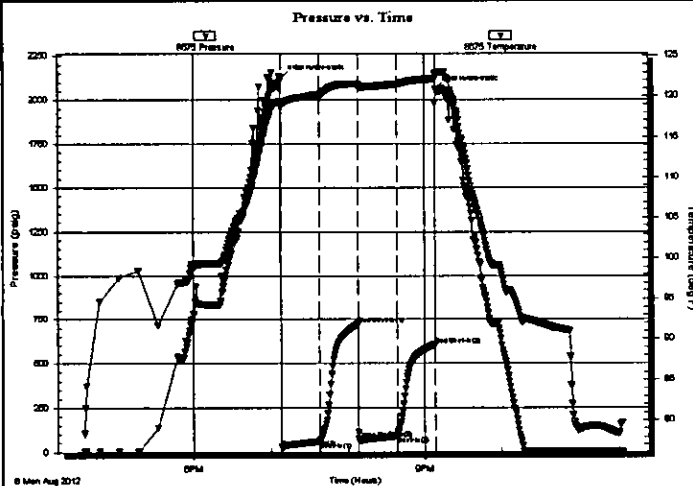
33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 48342 DST#: 4
Test Start: 2012.08.06 @ 16:35:00

GENERAL INFORMATION:

Formation: **Kansas City "L"**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 19:07:45
Time Test Ended: 23:35:00
Interval: **4234.00 ft (KB) To 4262.00 ft (KB) (TVD)**
Total Depth: 4657.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Jace McKinney
Unit No: 46
Reference Elevations: 2653.00 ft (KB)
2643.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8675 **Inside**
Press@RunDepth: 90.89 psig @ 4235.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
Start Time: 16:35:15 End Time: 23:35:00 Time On Btm: 2012.08.06 @ 19:07:30
Time Off Btm: 2012.08.06 @ 21:08:30

TEST COMMENT: B.O.B. in 6 1/2 min.
Bled off for 5 min. Built to 1" died to 1/2" return blow
B.O.B. in 3 min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.15	119.35	Initial Hydro-static
1	28.30	118.66	Open To Flow (1)
31	59.70	120.17	Shut-In(1)
61	722.41	121.57	End Shut-In(1)
61	72.97	121.30	Open To Flow (2)
91	90.89	121.49	Shut-In(2)
121	604.84	122.14	End Shut-In(2)
121	2059.67	122.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1605 Gas In Pipe	0.00
220.00	ocg 40%O 60%G	3.09
60.00	ocm 40%O 60%M	0.84

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 Newton, KS. 67114-8827
 ATTN: Ryan Seib

33-169-26w-Ness
Bentley-Horchem #1
 Job Ticket: 48342 DST#: 4
 Test Start: 2012.08.06 @ 16:35:00

GENERAL INFORMATION:

Formation: Kansas City "L"
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 19:07:45
Time Test Ended: 23:35:00

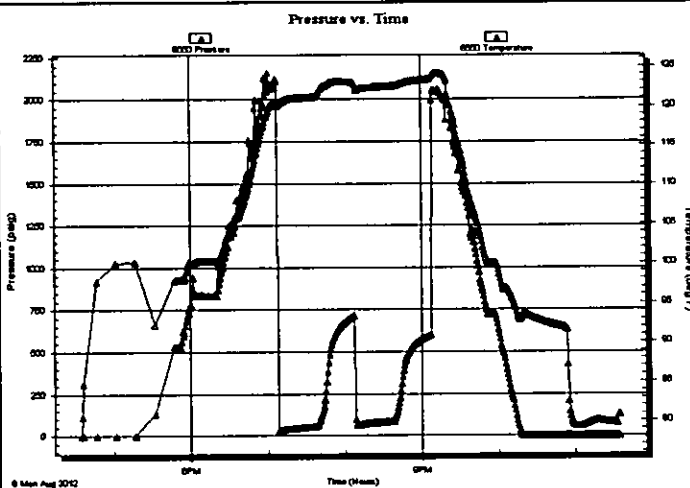
Interval: 4234.00 ft (KB) To 4262.00 ft (KB) (TVD)
Total Depth: 4657.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches **Hole Condition:** Fair

Test Type: Conventional Straddle (Reset)
Tester: Jace McKinney
Unit No: 46

Reference Elevations: 2653.00 ft (KB)
 2643.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8650 **Outside**
Press@RunDepth: psig @ 4235.00 ft (KB) **Capacity:** 8000.00 psig
Start Date: 2012.08.06 **End Date:** 2012.08.06 **Last Calib.:** 2012.08.06
Start Time: 16:35:15 **End Time:** 23:35:00 **Time On Btm:**
Time Off Btm:

TEST COMMENT: B.O.B. in 6 1/2 min.
 Bled off for 5 min. Built to 1" died to 1/2" return blow
 B.O.B. in 3 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

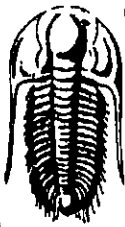
Recovery

Length (ft)	Description	Volume (bbl)
0.00	1605 Gas In Pipe	0.00
220.00	ocg 40%O 60%G	3.09
60.00	ocm 40%O 60%M	0.84

* Recovery from multiple tests

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS. 67114-8827
ATTN: Ryan Seib

33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 48342 DST#: 4
Test Start: 2012.08.06 @ 16:35:00

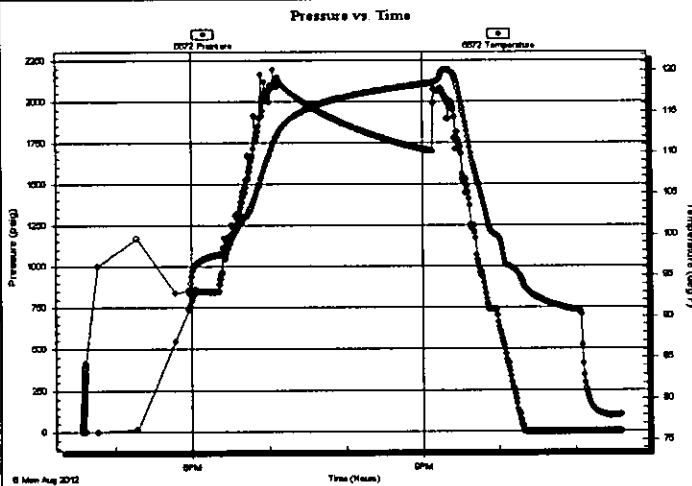
GENERAL INFORMATION:

Formation: **Kansas City "L"**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 19:07:45
Time Test Ended: 23:35:00
Interval: **4234.00 ft (KB) To 4262.00 ft (KB) (TVD)**
Total Depth: 4657.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Jace McKinney
Unit No: 46
Reference Elevations: 2653.00 ft (KB)
2643.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672

Press@RunDepth: psig @ 4269.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
Start Time: 16:35:01 End Time: 23:36:15 Time On Btm:
Time Off Btm:

TEST COMMENT: B.O.B. in 6 1/2 min.
Bled off for 5 min. Built to 1" died to 1/2" return blow
B.O.B. in 3 min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

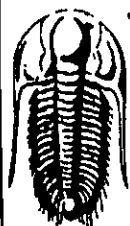
Recovery

Length (ft)	Description	Volume (bbl)
0.00	1605 Gas In Pipe	0.00
220.00	ocg 40%O 60%G	3.09
60.00	ocm 40%O 60%M	0.84

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

33-16s-26w-Ness

4924 SE 84th Street
New ton, KS. 67114-8827

Bentley-Horchem #1

Job Ticket: 48342 **DST#: 4**

ATTN: Ryan Seib

Test Start: 2012.08.06 @ 16:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1605 Gas In Pipe	0.000
220.00	ocg 40%O 60%G	3.086
60.00	ocm 40%O 60%M	0.842

Total Length: 280.00 ft Total Volume: 3.928 bbl

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

Laboratory Name: Laboratory Location:

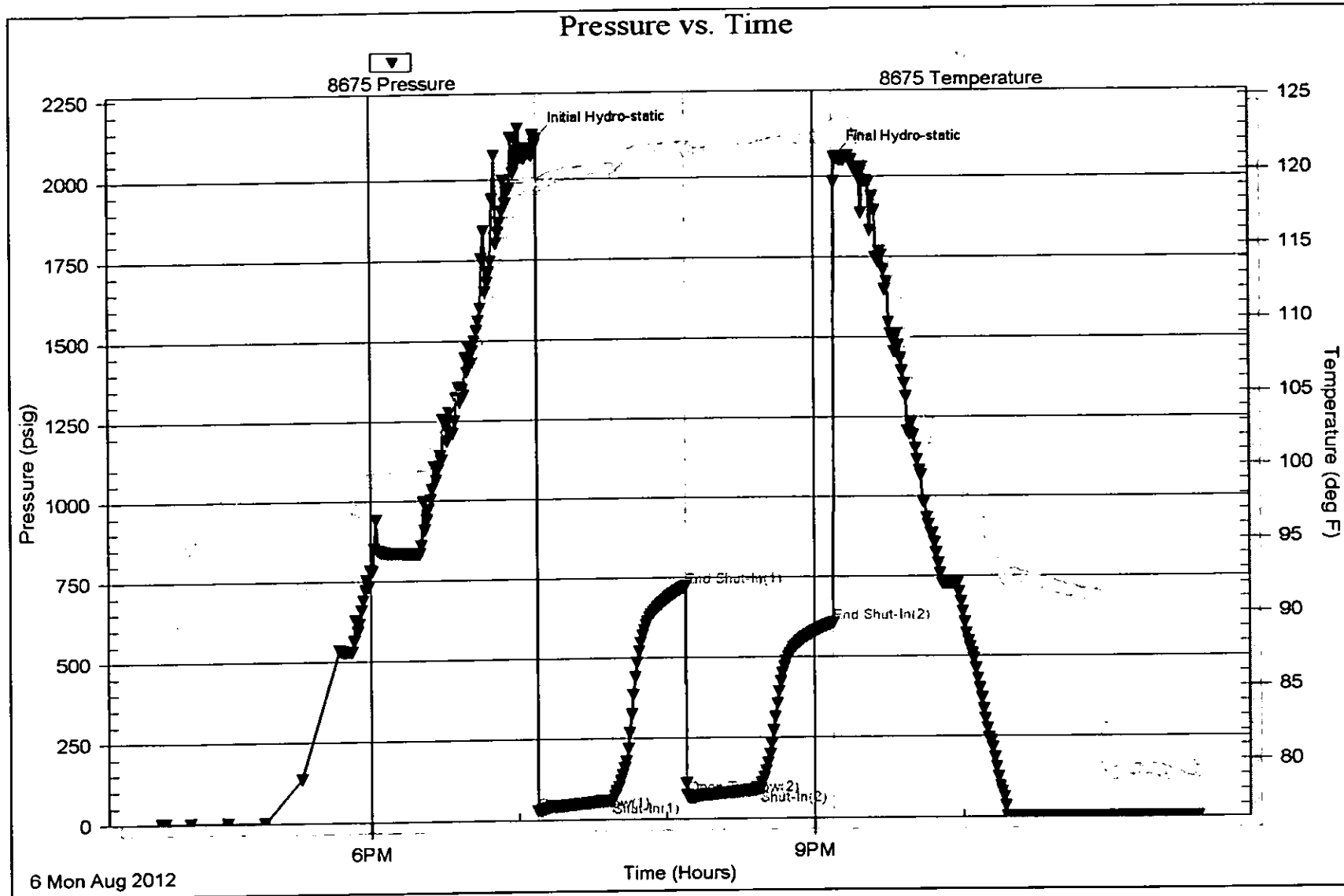
Recovery Comments: API 37 @ 80 F = 35

Serial #: 8675

Inside Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 4

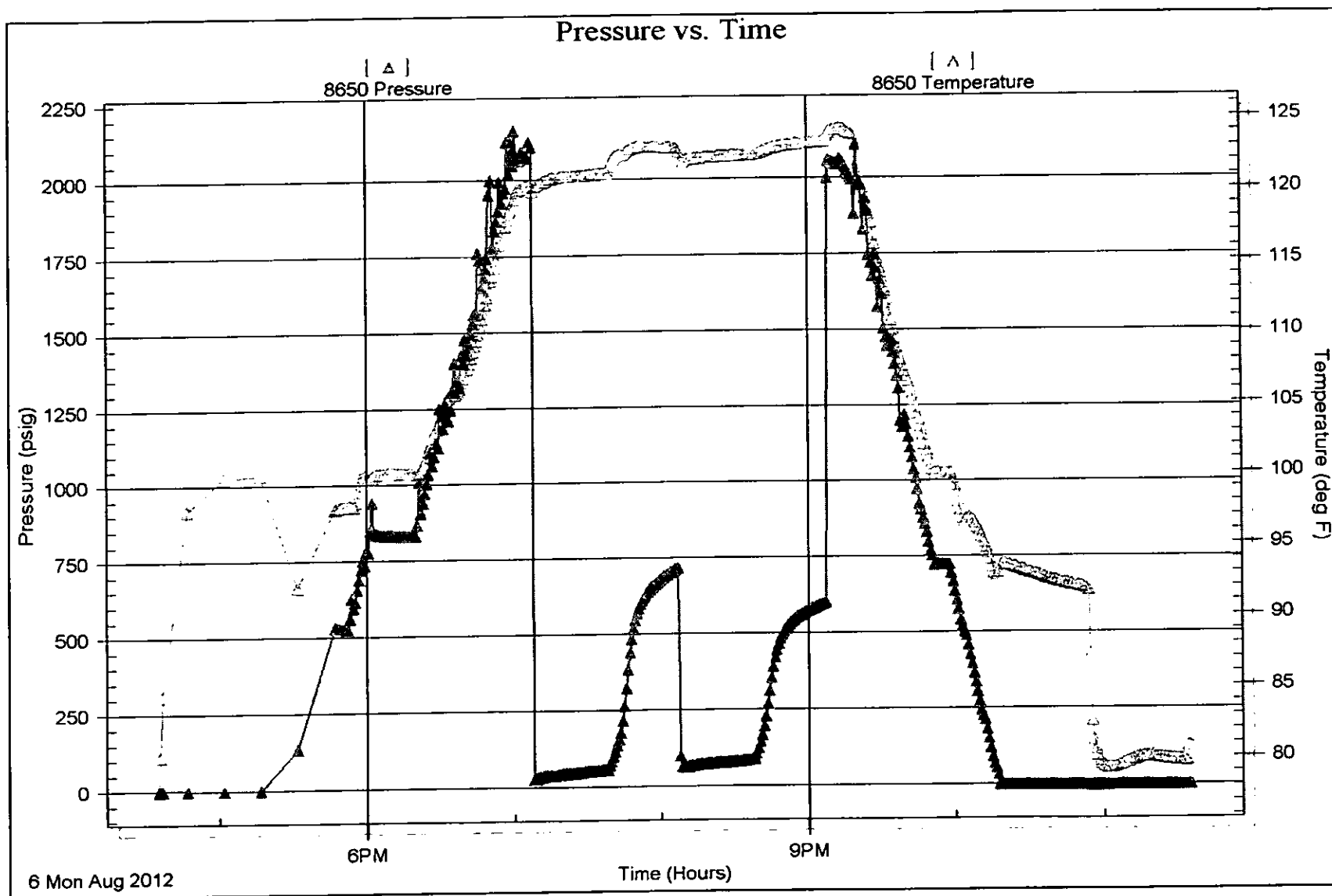


Serial #: 8650

Outside Palomino Petroleum, Inc.

Bentley-Horchem#1

DST Test Number: 4



Serial #: 6672

Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 4

