

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

RECEIVED

OCT 17 2013 MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 263177

Invoice Date: 10/15/2013 Terms: 10/10/30,n/30

Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET
NEWTON KS 67114-8827
() -

GOLDEN GRAIN #1
44277
29-20S-34W
10-10-2013
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	270.00	15.8600	4282.20
1118B	PREMIUM GEL / BENTONITE	929.00	.2700	250.83
1107	FLO-SEAL (25#)	68.00	2.9700	201.96
4432	8 5/8" WOODEN PLUG	1.00	100.7500	100.75

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-483.57
9995-130	CEMENT EQUIPMENT DISCOUNT	-267.25

Description	Hours	Unit Price	Total
399 P & A NEW WELL	1.00	1395.00	1395.00
399 EQUIPMENT MILEAGE (ONE WAY)	50.00	5.25	262.50
566 TON MILEAGE DELIVERY	1.00	1015.00	1015.00

Amount Due 7902.35 if paid after 11/14/2013

Parts:	4835.74	Freight:	.00	Tax:	354.70	AR	7112.12
Labor:	.00	Misc:	.00	Total:	7112.12		
Sublt:	-750.82	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

263177

TICKET NUMBER 44277

LOCATION Oakley, KS

FOREMAN Jerry Y

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-10-13	6285	Golden Grain #1	29	205	34w	Scott	
CUSTOMER		MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
Palamino		50th, 45th Rd 40, 10w, 15 34w, 51n		399	Keith C.		
CITY		STATE	ZIP CODE	566	Steven O		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk 6.9 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig upon well plugs ordered 60/40 puz 4% gel 1/4# fbseal
50 sks @ 2280'
80 sks @ 1250'
40 sks @ 600'
50 sks @ 240'
20 sks @ 60'
30 sks Rh rig down & done

*Thank you
Jerry & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
3405N	1	PUMP CHARGE	1395 ⁰⁰	1395 ⁰⁰ ✓
5406	50	MILEAGE	5 ²⁵	262 ⁵⁰ ✓
5407A	11.6	ten mileage delivery	175	1015 ⁰⁰ ✓
1131	270 sks	60/40 puz	15 ⁸⁶	4282 ³⁰ ✓
1186	929#	bentonite	.27	250 ⁸³ ✓
1107	68#	fbseal	297	201 ⁹⁶ ✓
4432	1	8 7/8 wooden plug	100 ⁷⁵	100 ⁷⁵ ✓
			Subtotal	7508 ³⁴
			less 10% disc.	750 ⁸³ ✓
			Subtotal	6,757 ⁴²

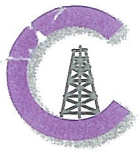
completed

8.15% SALES TAX 354.70 ✓
 ESTIMATED TOTAL 7112.12 ✓
 DATE 10-10-13

AUTHORIZATION

TITLE T.P.C.

acknowledges that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

RECEIVED

OCT 10 2013

INVOICE

Invoice # 262849

Invoice Date: 10/08/2013 Terms: 10/10/30,n/30

Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET
NEWTON KS 67114-8827
() -

GOLDEN GRAIN #1
44367
29-20-34
10-01-2013
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	18.5500	3060.75
1102	CALCIUM CHLORIDE (50#)	465.00	.9400	437.10
1118B	PREMIUM GEL / BENTONITE	310.00	.2700	83.70

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-199.73

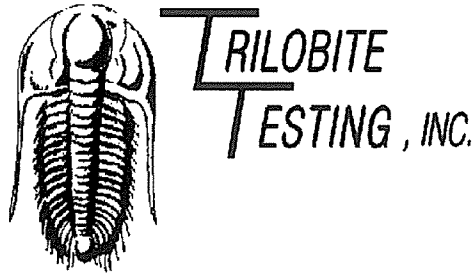
Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
463 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.25	236.25
693 TON MILEAGE DELIVERY	1.00	611.10	611.10

Amount Due 5870.79 if paid after 11/07/2013

Parts:	3581.55	Freight:	.00	Tax:	262.70	AR	5283.71
Labor:	.00	Misc:	.00	Total:	5283.71		
Sublt:	-557.89	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Golden Grain #1

29 20s 34w Scott,KS

Start Date: 2013.10.05 @ 22:54:00

End Date: 2013.10.06 @ 04:49:30

Job Ticket #: 55511 DST #: 1

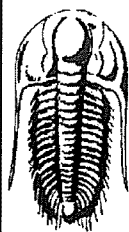
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.14 @ 14:51:38

Palomino Petroleum, Inc
29 20s 34w Scott,KS
Golden Grain #1
DST # 1
LKC- H&I
2013.10.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55511

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.10.05 @ 22:54:00

GENERAL INFORMATION:

Formation: **LKC- H& I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:10

Time Test Ended: 04:49:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: **4205.00 ft (KB) To 4277.00 ft (KB) (TVD)**

Total Depth: 4277.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: 91.28 psig @ 4209.00 ft (KB)

Start Date: 2013.10.05

End Date:

2013.10.06

Start Time: 22:54:01

End Time:

04:49:30

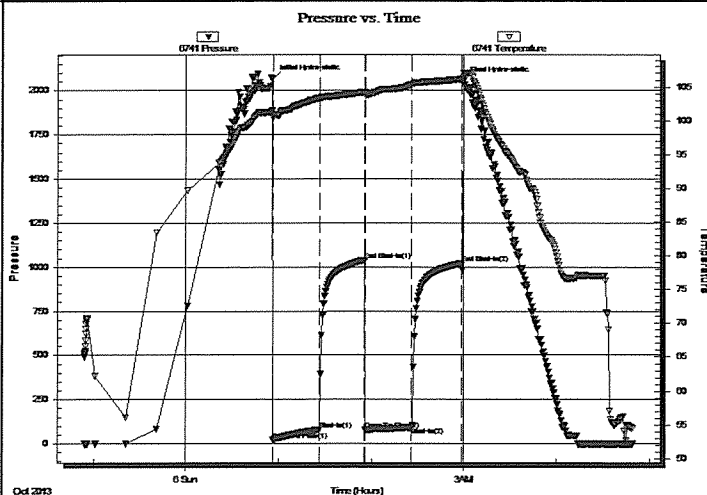
Capacity: 8000.00 psig

Last Calib.: 2013.10.06

Time On Btm: 2013.10.06 @ 00:56:00

Time Off Btm: 2013.10.06 @ 02:59:50

TEST COMMENT: IF: 4 1/2" blow .
IS: No return.
FF: 2" blow .
FSI: No return.



PRESSURE SUMMARY

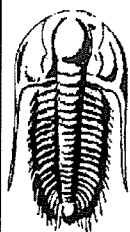
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.42	101.45	Initial Hydro-static
1	19.30	100.38	Open To Flow (1)
31	77.98	103.17	Shut-In(1)
60	1038.39	104.21	End Shut-In(1)
60	78.73	103.72	Open To Flow (2)
91	91.28	105.37	Shut-In(2)
123	1019.55	106.14	End Shut-In(2)
124	2055.41	106.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud 100m (oil spots)	0.98

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

29 20s 34w Scott, KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55511

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.10.05 @ 22:54:00

GENERAL INFORMATION:

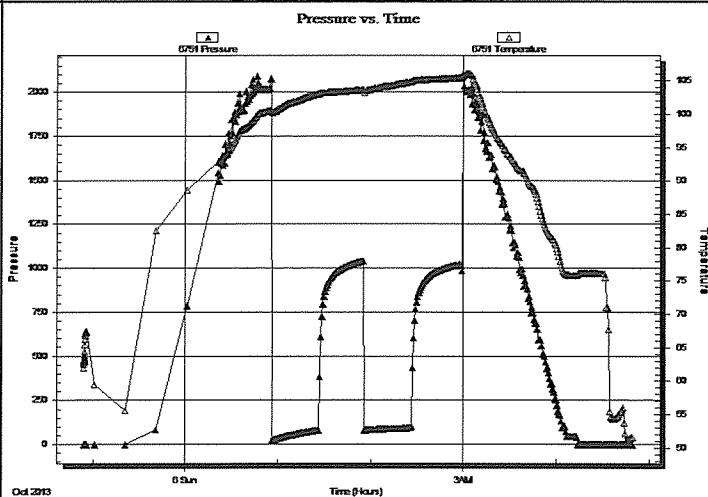
Formation: LKC- H& I
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:56:10
 Time Test Ended: 04:49:30
 Interval: 4205.00 ft (KB) To 4277.00 ft (KB) (TVD)
 Total Depth: 4277.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 3106.00 ft (KB)
 3101.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751

Outside

Press@RunDepth: psig @ 4209.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2013.10.05 End Date: 2013.10.06
 Last Calib.: 1899.12.30
 Start Time: 22:54:01 End Time: 04:49:30
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 4 1/2" blow .
 IS: No return.
 FF: 2" blow .
 FS: No return.



PRESSURE SUMMARY

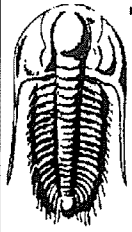
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud 100m (oil spots)	0.98

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

29 20s 34w Scott,KS
Golden Grain #1
Job Ticket: 55511 **DST#: 1**
Test Start: 2013.10.05 @ 22:54:00

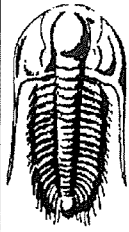
Tool Information

Drill Pipe:	Length: 4079.00 ft	Diameter: 3.80 inches	Volume: 57.22 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 79000.00 lb
			<u>Total Volume: 57.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.50 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4205.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.50 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			4178.50	
Shut In Tool	5.00			4183.50	
Hydraulic tool	5.00			4188.50	
Jars	5.00			4193.50	
Safety Joint	2.50			4196.00	
Packer	5.00			4201.00	27.50 Bottom Of Top Packer
Packer	4.00			4205.00	
Stubb	1.00			4206.00	
Perforations	3.00			4209.00	
Recorder	0.00	6741	Inside	4209.00	
Recorder	0.00	6751	Outside	4209.00	
Change Over Sub	1.00			4210.00	
Drill Pipe	63.00			4273.00	
Change Over Sub	1.00			4274.00	
Bullnose	3.00			4277.00	72.00 Bottom Packers & Anchor

Total Tool Length: 99.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55511

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.10.05 @ 22:54:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.35 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud 100m (oil spots)	0.984

Total Length: 150.00 ft

Total Volume: 0.984 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

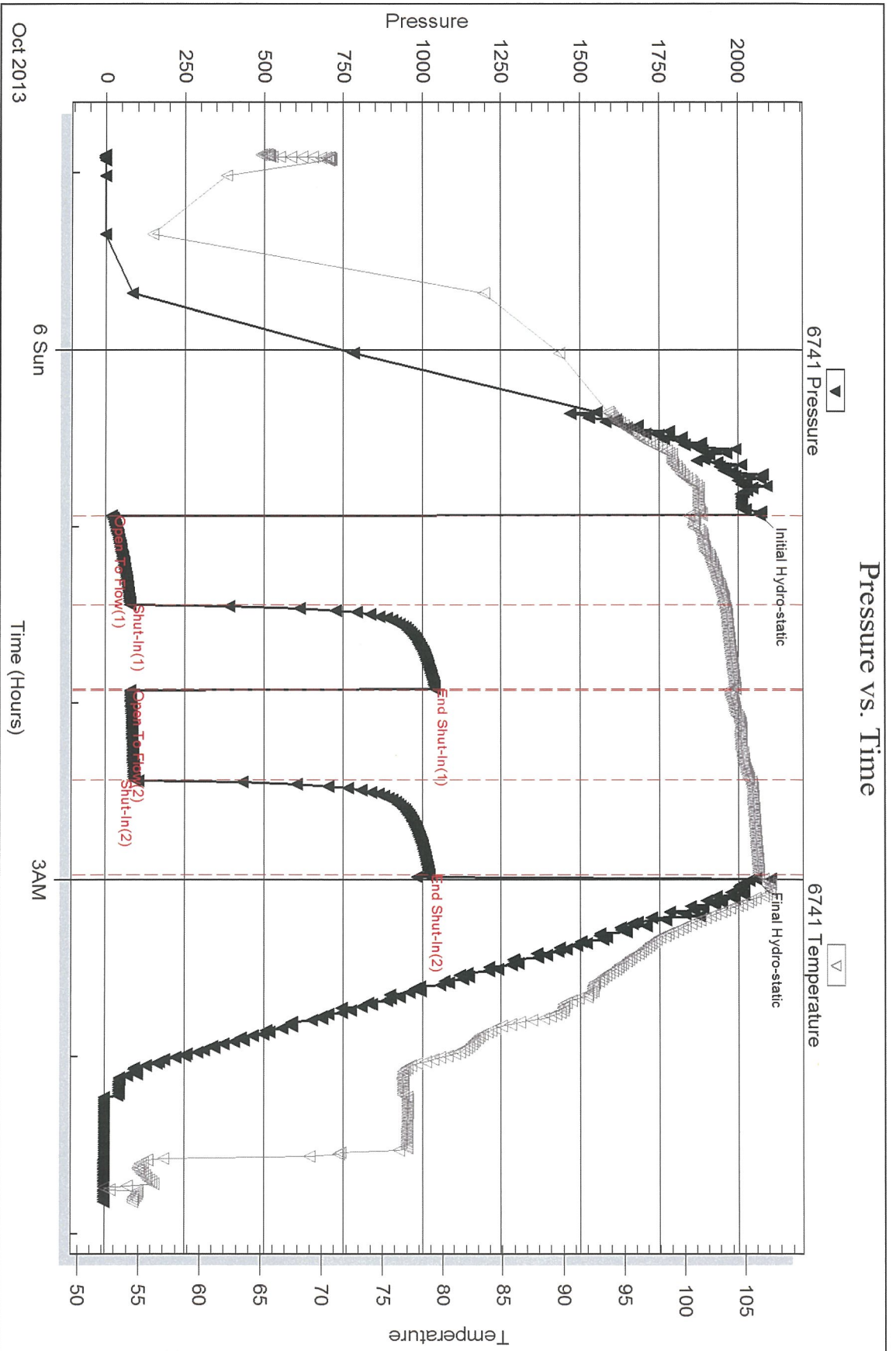
Serial #: 6741

Inside

Palomino Petroleum, Inc

Golden Grain #1

DST Test Number: 1



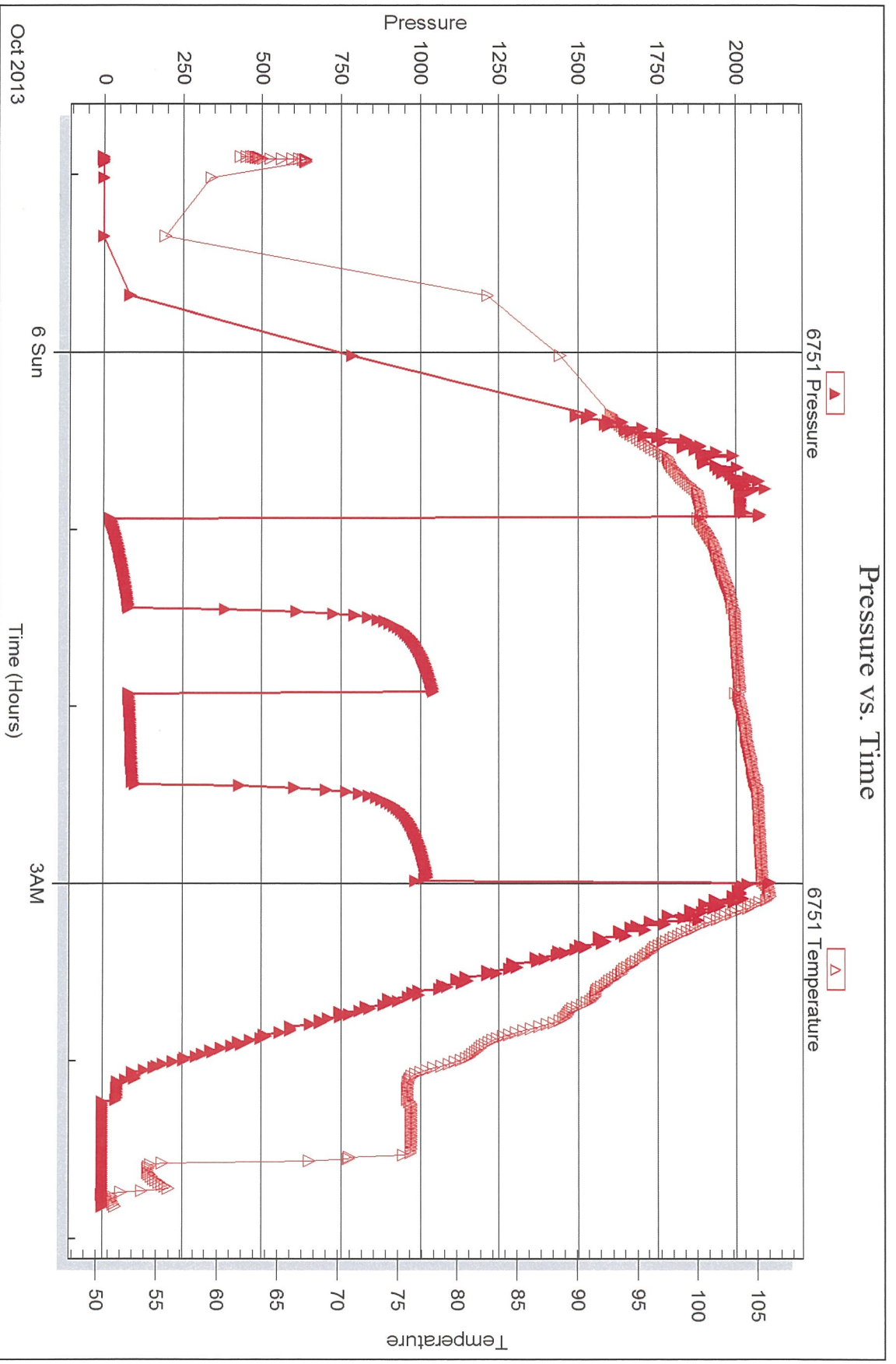
Serial #: 6751

Outside

Palomino Petroleum, Inc

Golden Grain #1

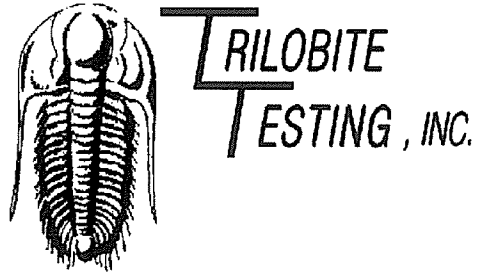
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 55511

Printed: 2013.10.14 @ 14:51:40



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Golden Grain #1

29 20s 34w Scott,KS

Start Date: 2013.10.07 @ 02:27:00

End Date: 2013.10.07 @ 08:25:30

Job Ticket #: 55512 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.14 @ 14:49:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55512

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.10.07 @ 02:27:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:20:30

Time Test Ended: 08:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4494.00 ft (KB) To 4573.00 ft (KB) (TVD)**

Reference Elevations: 3106.00 ft (KB)

Total Depth: 4573.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: 50.09 psig @ 4505.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.07

End Date: 2013.10.07

Last Calib.: 2013.10.07

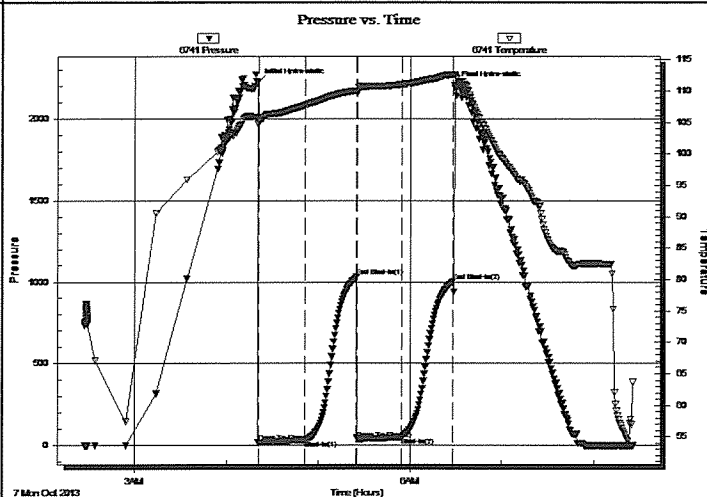
Start Time: 02:27:01

End Time: 08:25:30

Time On Btm: 2013.10.07 @ 04:20:20

Time Off Btm: 2013.10.07 @ 06:29:10

TEST COMMENT: IF: 2" blow.
ISI: No return.
FF: 1 1/2' blow.
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.97	105.81	Initial Hydro-static
1	16.35	104.71	Open To Flow (1)
31	31.82	107.77	Shut-In(1)
65	1030.67	110.05	End Shut-In(1)
66	38.61	109.96	Open To Flow (2)
95	50.09	111.06	Shut-In(2)
128	1003.15	112.64	End Shut-In(2)
129	2203.54	112.59	Final Hydro-static

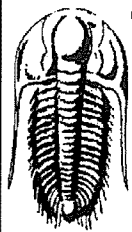
Recovery

Length (ft)	Description	Volume (bbl)
50.00	ocm 20o 80m	0.25
40.00	mco 20m 80o	0.20

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55512

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.10.07 @ 02:27:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:20:30

Time Test Ended: 08:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4494.00 ft (KB) To 4573.00 ft (KB) (TVD)**

Reference Elevations: 3106.00 ft (KB)

Total Depth: 4573.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **6751** Outside

Press@RunDepth: psig @ 4505.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.07 End Date: 2013.10.07

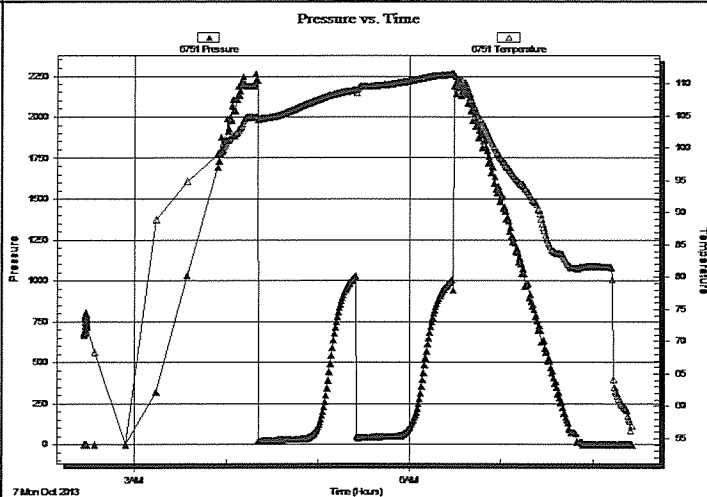
Last Calib.: 1899.12.30

Start Time: 02:27:01 End Time: 08:25:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 2" blow .
IS: No return.
FF: 1 1/2' blow .
FSI: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
50.00	ocm 20o 80m	0.25
40.00	mco 20m 80o	0.20

* 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
4924 SE 84th St.
New ton, KS 67114
ATTN: Ryan Seib

29 20s 34w Scott,KS
Golden Grain #1
Job Ticket: 55512 **DST#: 2**
Test Start: 2013.10.07 @ 02:27:00

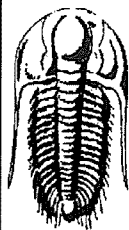
Tool Information

Drill Pipe:	Length: 4363.00 ft	Diameter: 3.80 inches	Volume: 61.20 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 61.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.50 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4494.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	106.50 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			4467.50	
Shut In Tool	5.00			4472.50	
Hydraulic tool	5.00			4477.50	
Jars	5.00			4482.50	
Safety Joint	2.50			4485.00	
Packer	5.00			4490.00	27.50 Bottom Of Top Packer
Packer	4.00			4494.00	
Stubb	1.00			4495.00	
Perforations	10.00			4505.00	
Recorder	0.00	6741	Inside	4505.00	
Recorder	0.00	6751	Outside	4505.00	
Change Over Sub	1.00			4506.00	
Drill Pipe	63.00			4569.00	
Change Over Sub	1.00			4570.00	
Bullnose	3.00			4573.00	79.00 Bottom Packers & Anchor

Total Tool Length: 106.50



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55512

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.10.07 @ 02:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	ocm 20o 80m	0.246
40.00	mco 20m 80o	0.197

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

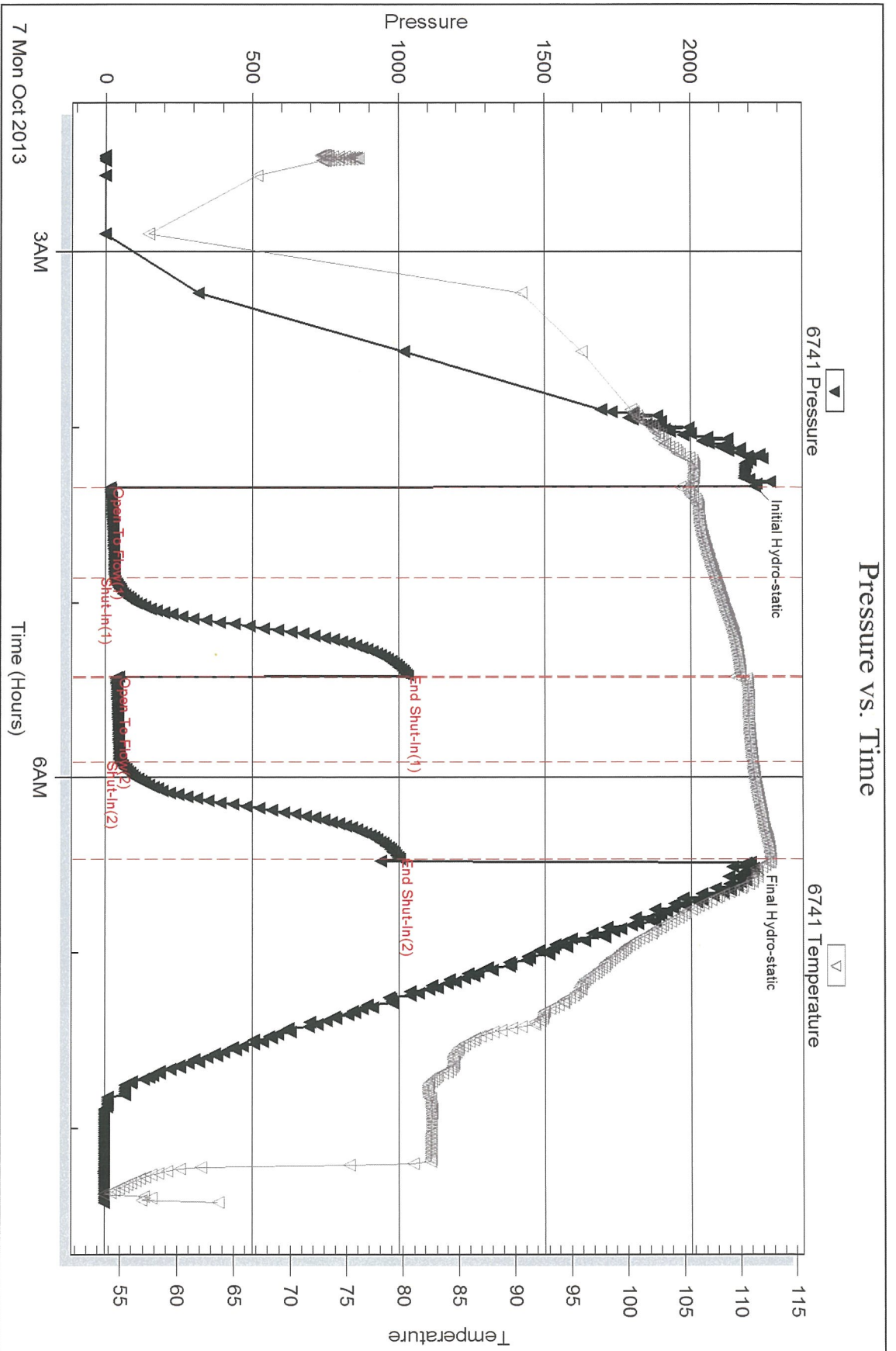
Serial #: 6741

Inside

Palomino Petroleum, Inc

Golden Grain #1

DST Test Number: 2

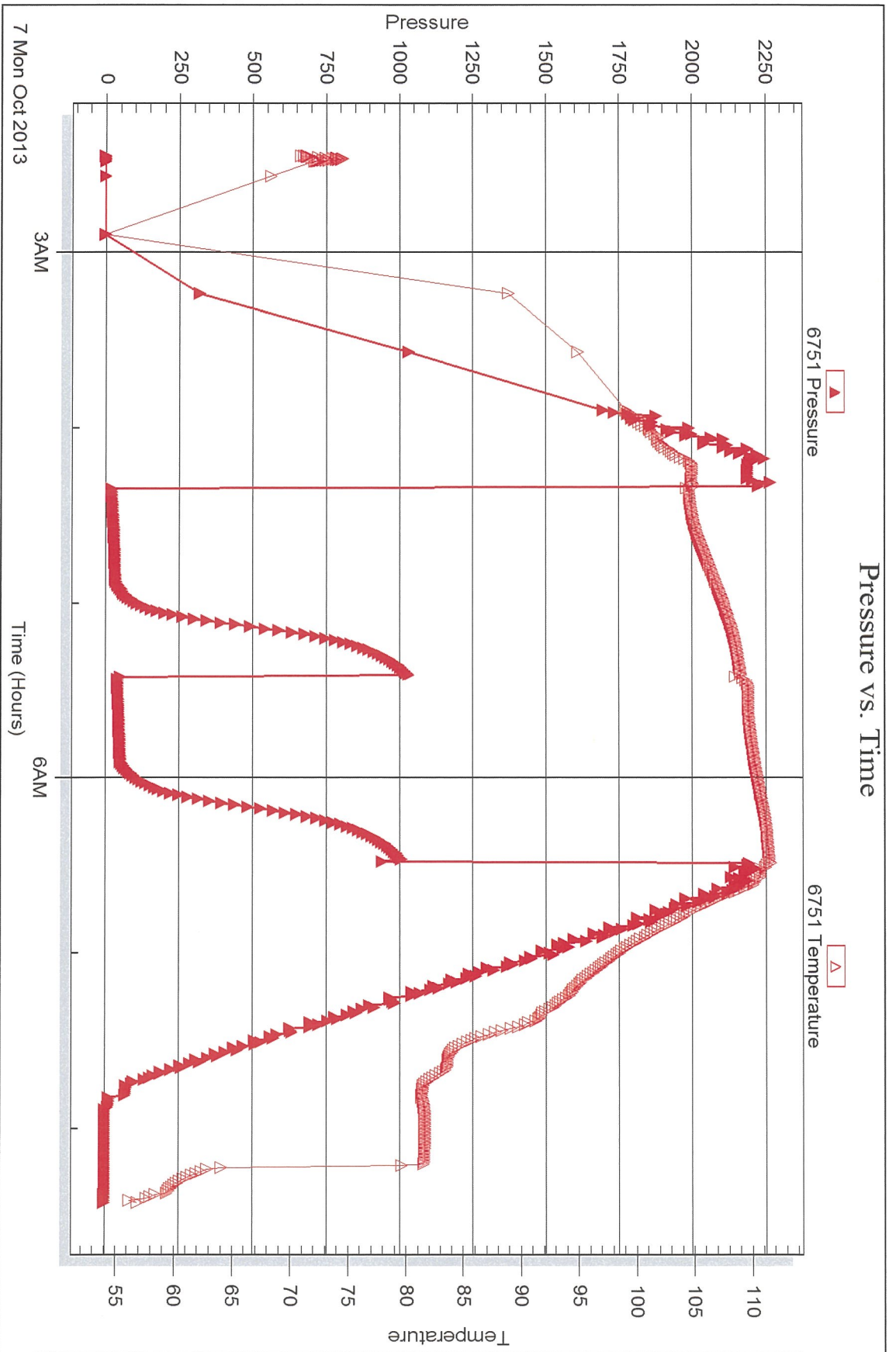


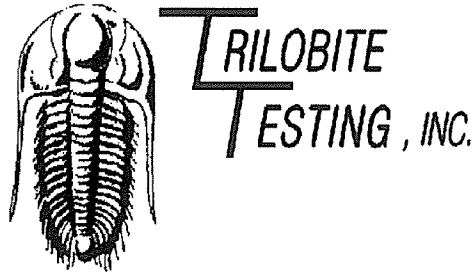
Serial #: 6751

Outside Palomino Petroleum, Inc

Golden Grain #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Golden Grain #1

29 20s 34w Scott,KS

Start Date: 2013.10.08 @ 07:34:00

End Date: 2013.10.08 @ 13:46:09

Job Ticket #: 55513 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.14 @ 14:48:44

Palomino Petroleum, Inc

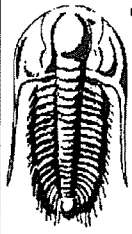
29 20s 34w Scott,KS

Golden Grain #1

DST # 3

Pawnee - Ft. Scott

2013.10.08



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

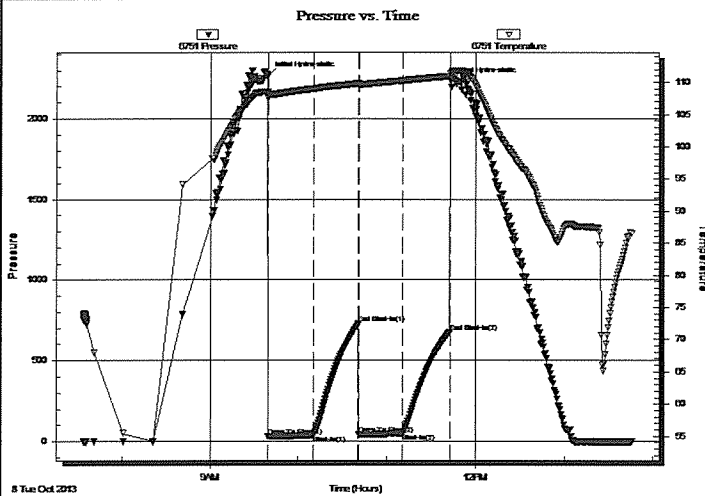
29 20s 34w Scott, KS
Golden Grain #1
 Job Ticket: 55513 **DST#: 3**
 Test Start: 2013.10.08 @ 07:34:00

GENERAL INFORMATION:

Formation: **Pawnee - Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:39:20
 Time Test Ended: 13:46:09
 Interval: **4565.00 ft (KB) To 4810.00 ft (KB) (TVD)**
 Total Depth: 4810.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 3106.00 ft (KB)
 3101.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
 Press@RunDepth: 48.04 psig @ 4585.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.08 End Date: 2013.10.08 Last Calib.: 2013.10.08
 Start Time: 07:34:01 End Time: 13:46:10 Time On Btm: 2013.10.08 @ 09:39:10
 Time Off Btm: 2013.10.08 @ 11:43:00

TEST COMMENT: IF: 1" blow.
 ISI: No return.
 FF: Surface blow.
 FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.54	108.46	Initial Hydro-static
1	28.69	107.52	Open To Flow (1)
31	37.92	108.97	Shut-In(1)
62	725.46	109.80	End Shut-In(1)
62	41.03	109.50	Open To Flow (2)
92	48.04	110.24	Shut-In(2)
124	677.56	110.95	End Shut-In(2)
124	2233.80	111.34	Final Hydro-static

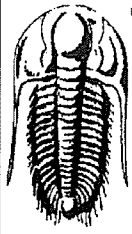
Recovery

Length (ft)	Description	Volume (bbl)
55.00	mud 100m (oil spots)	0.27

* 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 St.
New ton, KS 67114
ATTN: Ryan Seib

29 20s 34w Scott,KS

Golden Grain #1

Job Ticket: 55513

DST#: 3

Test Start: 2013.10.08 @ 07:34:00

GENERAL INFORMATION:

Formation: **Pawnee - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:39:20

Time Test Ended: 13:46:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4565.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3106.00 ft (KB)

3101.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: psig @ 4585.00 ft (KB)

Start Date: 2013.10.08

End Date:

2013.10.08

Start Time: 07:34:01

End Time:

13:46:10

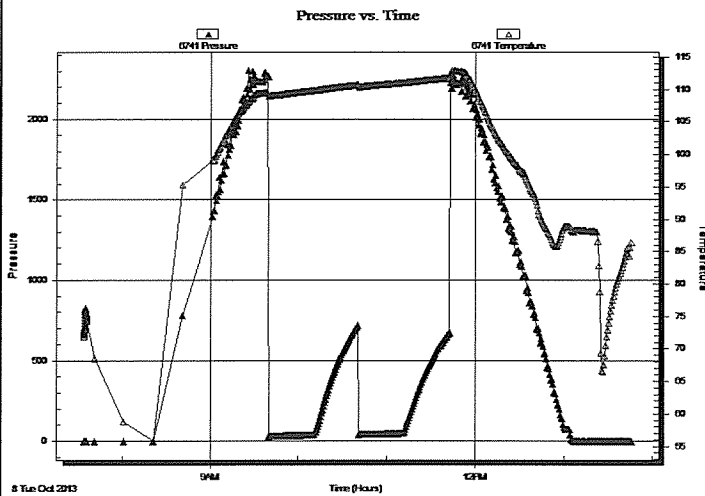
Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1" blow.
IS: No return.
FF: Surface blow.
FSI: No return.



PRESSURE SUMMARY

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

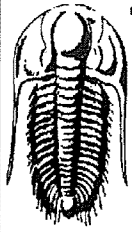
Recovery

Length (ft)	Description	Volume (bbl)
55.00	mud 100m (oil spots)	0.27

* 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

29 20s 34w Scott, KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 55513

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.10.08 @ 07:34:00

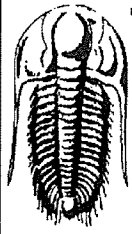
Tool Information

Drill Pipe:	Length: 4426.00 ft	Diameter: 3.80 inches	Volume: 62.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 62.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.50 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4565.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	245.00 ft			
Tool Length:	272.50 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			4538.50	
Shut In Tool	5.00			4543.50	
Hydraulic tool	5.00			4548.50	
Jars	5.00			4553.50	
Safety Joint	2.50			4556.00	
Packer	5.00			4561.00	27.50 Bottom Of Top Packer
Packer	4.00			4565.00	
Stubb	1.00			4566.00	
Perforations	19.00			4585.00	
Recorder	0.00	6741	Inside	4585.00	
Recorder	0.00	6751	Outside	4585.00	
Change Over Sub	1.00			4586.00	
Drill Pipe	220.00			4806.00	
Change Over Sub	1.00			4807.00	
Bullnose	3.00			4810.00	245.00 Bottom Packers & Anchor

Total Tool Length: 272.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

29 20s 34w Scott,KS
Golden Grain #1
Job Ticket: 55513 **DST#: 3**
Test Start: 2013.10.08 @ 07:34:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	mud 100m (oil spots)	0.270

Total Length: 55.00 ft Total Volume: 0.270 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

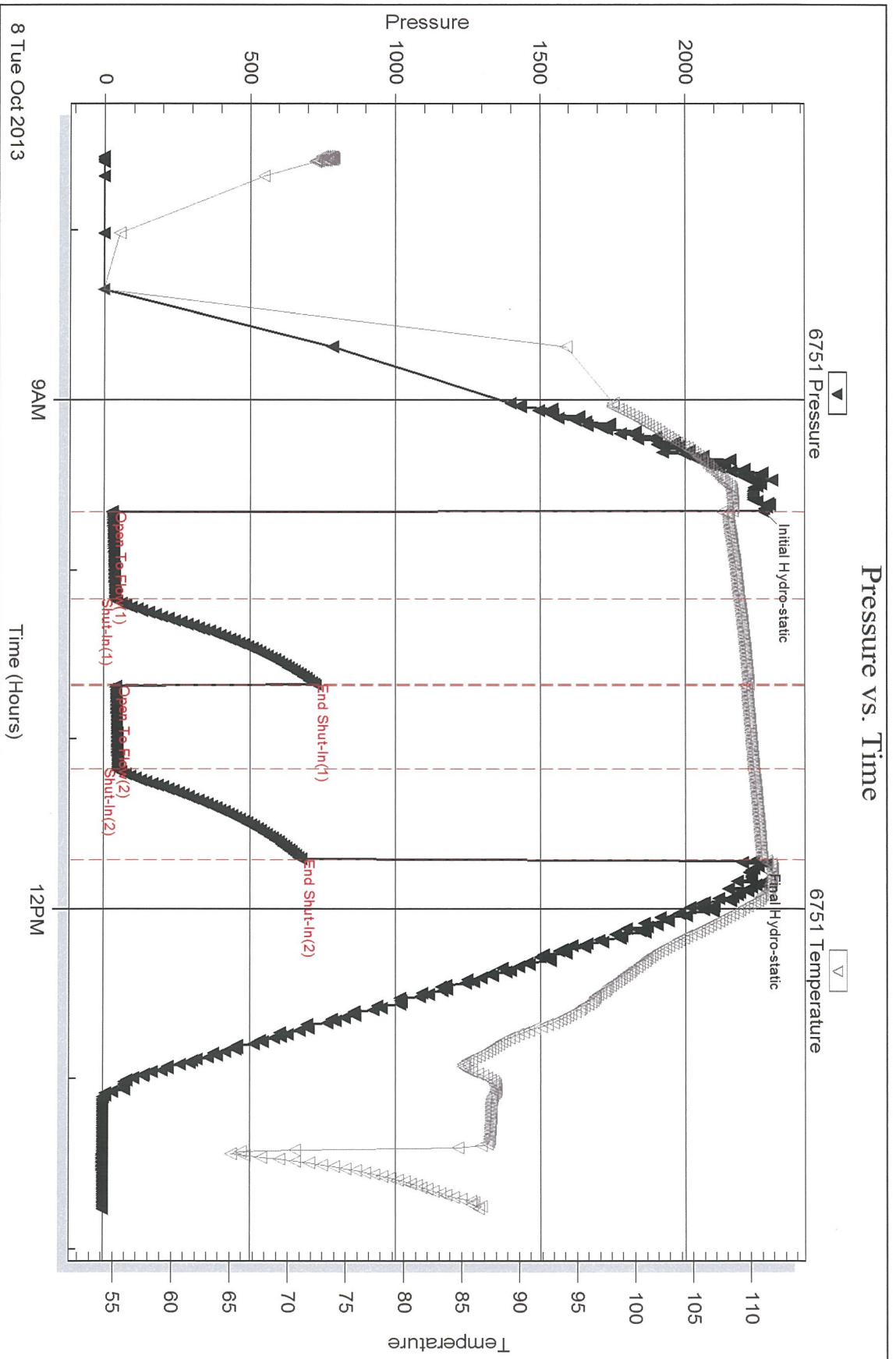
Serial #: 6751

Outside Palominio Petroleum, Inc

Golden Grain #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 55513

Printed: 2013.10.14 @ 14:48:46

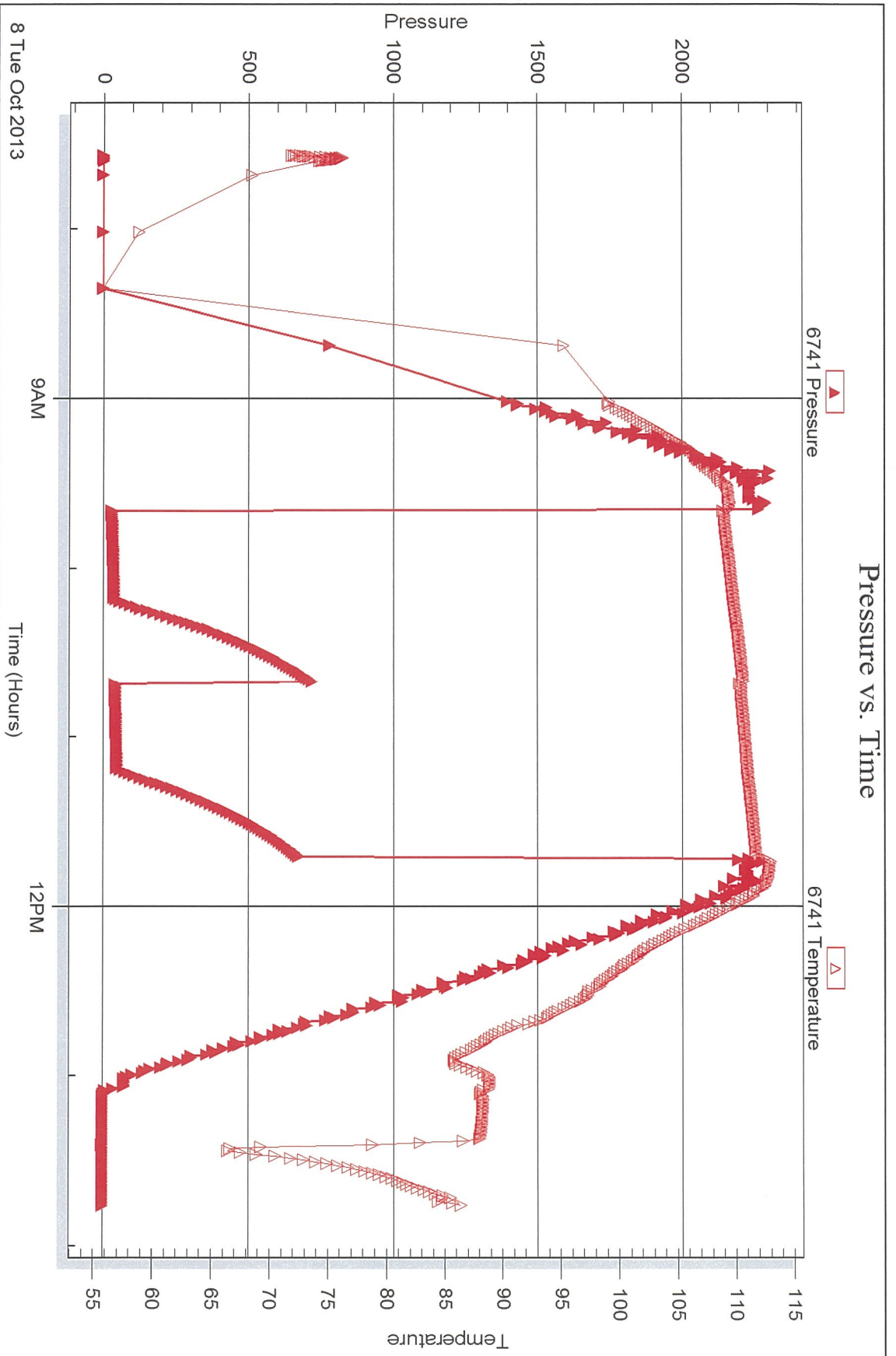
Serial #: 6741

Inside

Palomino Petroleum, Inc

Golden Grain #1

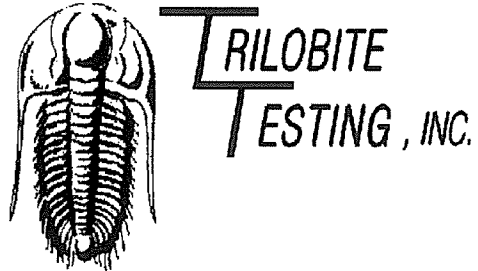
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 55513

Printed: 2013.10.14 @ 14:48:46



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Golden Grain #1

29 20s 34w Scott,KS

Start Date: 2013.10.08 @ 22:11:00

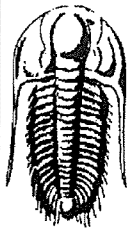
End Date: 2013.10.09 @ 04:31:20

Job Ticket #: 54517 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.14 @ 14:48:19

Palomino Petroleum, Inc
29 20s 34w Scott,KS
Golden Grain #1
DST # 4
2013.10.08



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

29 20s 34w Scott,KS
Golden Grain #1
Job Ticket: 54517 **DST#: 4**
Test Start: 2013.10.08 @ 22:11:00

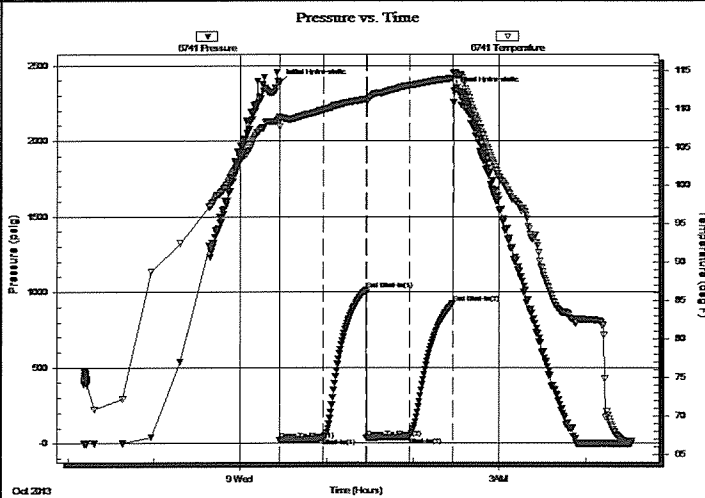
GENERAL INFORMATION:

Formation:
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 00:27:20 Tester: Cornelio Landa III (
Time Test Ended: 04:31:20 Unit No: 62

Interval: **4780.00 ft (KB) To 4868.00 ft (KB) (TVD)** Reference Elevations: 3106.00 ft (KB)
Total Depth: 4868.00 ft (KB) (TVD) 3101.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
Press@RunDepth: 42.70 psig @ 4785.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.10.08 End Date: 2013.10.09 Last Calib.: 2013.10.09
Start Time: 22:11:01 End Time: 04:31:20 Time On Btm: 2013.10.09 @ 00:27:10
Time Off Btm: 2013.10.09 @ 02:28:30

TEST COMMENT: IF: 1" blow
ISI: No return blow back
FF: No blow
FSI: No return blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2384.63	108.92	Initial Hydro-static
1	19.72	107.64	Open To Flow (1)
31	32.33	109.88	Shut-In(1)
60	1013.63	111.25	End Shut-In(1)
61	34.42	110.81	Open To Flow (2)
91	42.70	113.05	Shut-In(2)
121	923.16	114.02	End Shut-In(2)
122	2330.12	114.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100m w/oil specs	0.15

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 54517

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.10.08 @ 22:11:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:27:20

Time Test Ended: 04:31:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III (

Unit No: 62

Interval: 4780.00 ft (KB) To 4868.00 ft (KB) (TVD)

Reference Elevations: 3106.00 ft (KB)

Total Depth: 4868.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 4785.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.08

End Date: 2013.10.09

Last Calib.: 2013.10.09

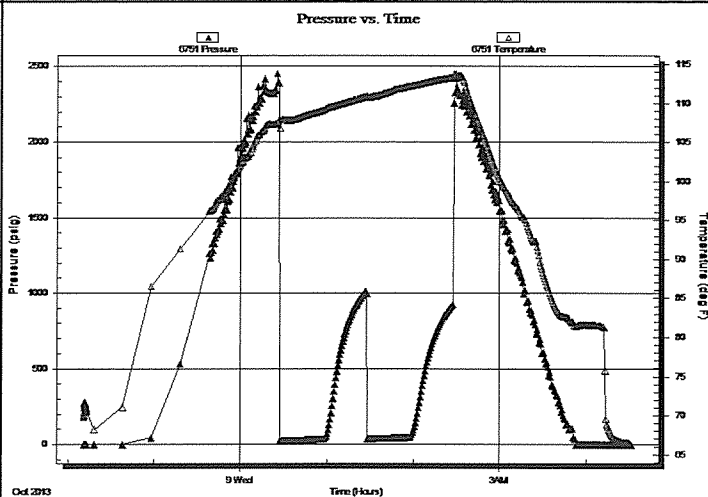
Start Time: 22:11:01

End Time: 04:31:20

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1" blow
ISI: No return blow back
FF: No blow
FSI: No return blow back



PRESSURE SUMMARY

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

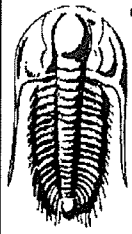
Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100m w /oil specs	0.15

* 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
4924 SE 84th St.
New ton, KS 67114
ATTN: Ryan Seib

29 20s 34w Scott,KS
Golden Grain #1
Job Ticket: 54517 **DST#: 4**
Test Start: 2013.10.08 @ 22:11:00

Tool Information

Drill Pipe:	Length: 4584.00 ft	Diameter: 3.80 inches	Volume: 64.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 65.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4780.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	115.00 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			4754.00	
Shut In Tool	5.00			4759.00	
Hydraulic tool	5.00			4764.00	
Jars	5.00			4769.00	
Safety Joint	2.00			4771.00	
Packer	5.00			4776.00	27.00 Bottom Of Top Packer
Packer	4.00			4780.00	
Stubb	1.00			4781.00	
Perforations	4.00			4785.00	
Recorder	0.00	6741	Inside	4785.00	
Recorder	0.00	6751	Outside	4785.00	
Perforations	15.00			4800.00	
Change Over Sub	1.00			4801.00	
Drill Pipe	63.00			4864.00	
Change Over Sub	1.00			4865.00	
Bullnose	3.00			4868.00	88.00 Bottom Packers & Anchor
Total Tool Length:	115.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

29 20s 34w Scott,KS

4924 SE 84th St.
New ton, KS 67114

Golden Grain #1

Job Ticket: 54517

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.10.08 @ 22:11:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100m w/oil specs	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

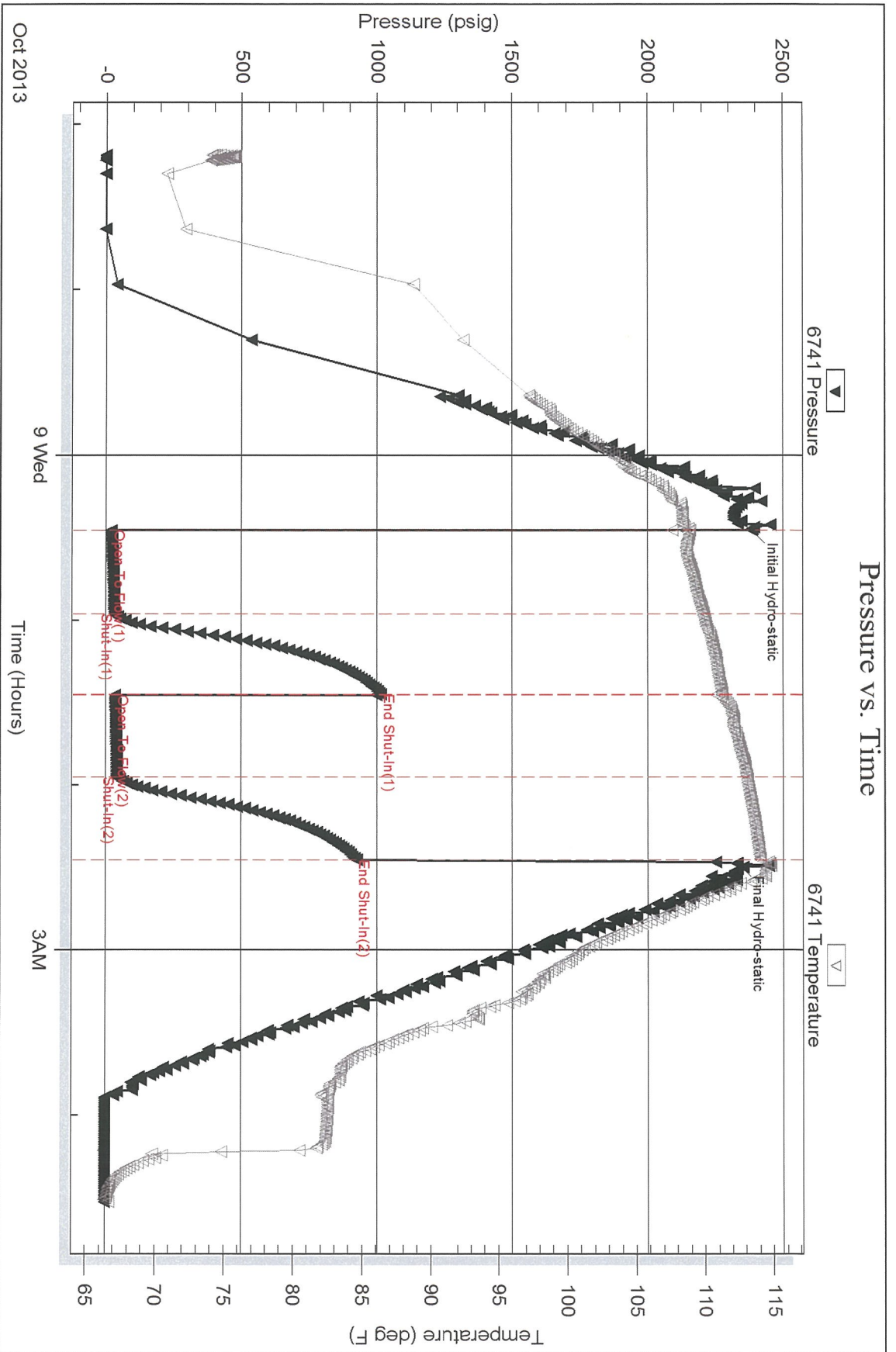
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Inside

Palomino Petroleum, Inc

Golden Grain #1

DST Test Number: 4



Triblotech Testing, Inc

Ref. No: 54517

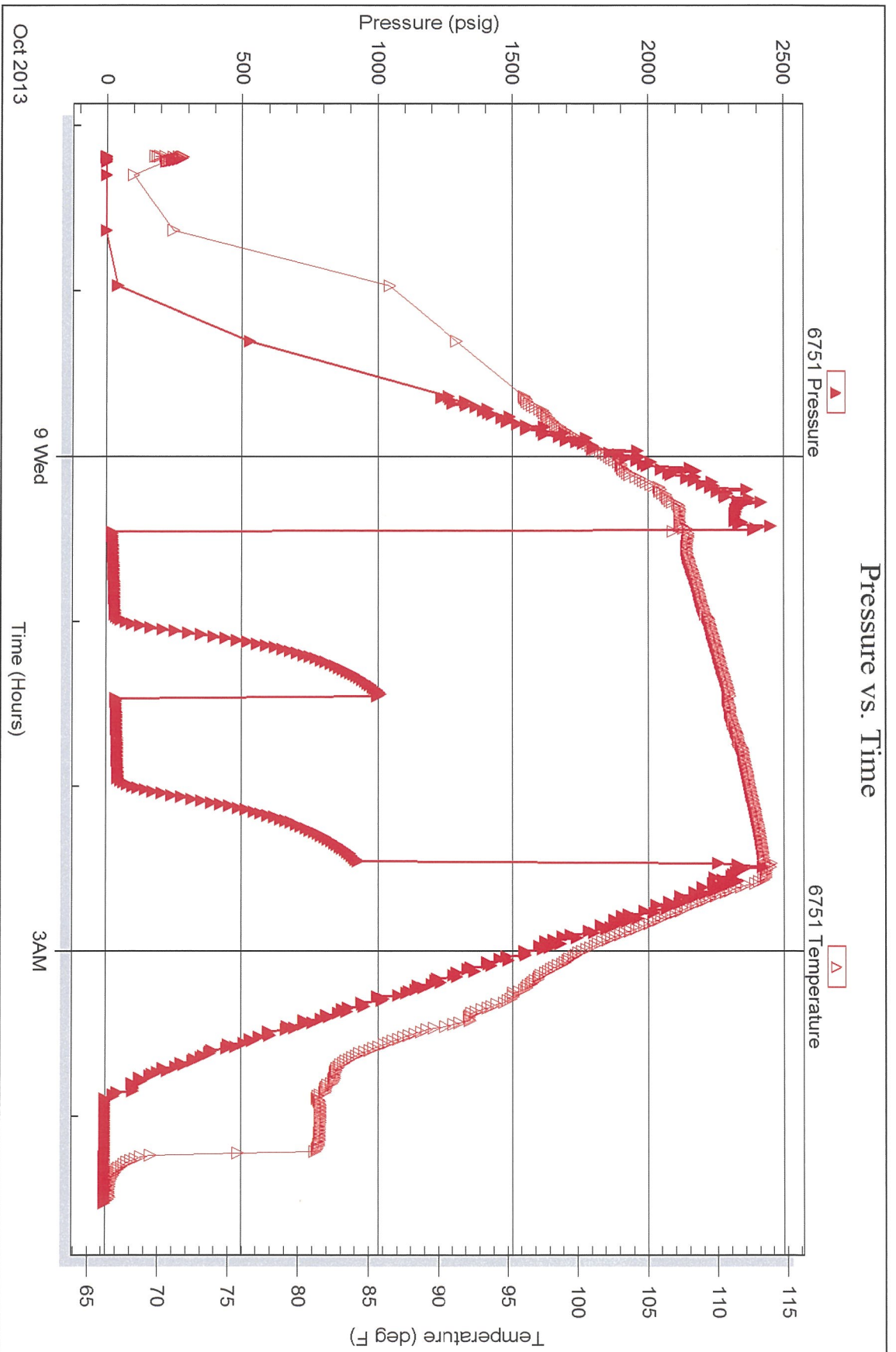
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Serial #: 6751

Outside Palomino Petroleum, Inc

Golden Grain #1

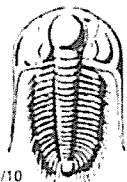
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 54517

Printed: 2013.10.14 @ 14:48:20



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55511

Well Name & No. Golden Grain #1 Test No. 1 Date 10/06/13
 Company Palmind Petroleum, Inc Elevation 3106 KB 3101 GL
 Address 4924 SE 84th St, Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW #10
 Location: Sec. 29 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4205-4277 Zone Tested LKC H-T
 Anchor Length 72' Drill Pipe Run 4079 Mud Wt. 9.2
 Top Packer Depth 4200 Drill Collars Run 123 Vis 60
 Bottom Packer Depth 4205 Wt. Pipe Run 0 WL 5.4
 Total Depth 4277 Chlorides 6800 ppm System LCM 1#

Blow Description IF: 4 1/2" blow
IST: No return.
FF: 2" blow
FST: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>Mud (Oil Spots)</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

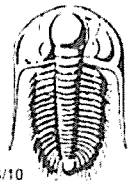
Rec Total 150 BHT 106 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2070 Test 1250 T-On Location 2200
 (B) First Initial Flow 19 Jars 250 T-Started 2354
 (C) First Final Flow 78 Safety Joint 75 T-Open 0855
 (D) Initial Shut-In 1038 Circ Sub _____ T-Pulled 0255
 (E) Second Initial Flow 79 Hourly Standby _____ T-Out 0450
 (F) Second Final Flow 91 Mileage 47.4 72.85 Comments _____
 (G) Final Shut-In 1020 Sampler _____
 (H) Final Hydrostatic 2055 Straddle _____

Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 1897.85
 Final Flow 30 Sub Total 1897.85 MP/DST Disc't _____
 Final Shut-In 30

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55512

Well Name & No. Golden Grain #1 Test No. 2 Date 10/07/13
 Company Palomino Petroleum, Inc Elevation 3106 KB 3101 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW #10
 Location: Sec. 24 Twp. 20s Rge. 34w Co. Scott State KS

Interval Tested 4494 - 4573 Zone Tested Marathon
 Anchor Length 79 Drill Pipe Run 4363 Mud Wt. 9.4
 Top Packer Depth 4789 Drill Collars Run 123 Vis 52
 Bottom Packer Depth 4794 Wt. Pipe Run 0 WL 88
 Total Depth 4573 Chlorides 7500 ppm System LCM 2nd

Blow Description IF: 2" blow
ISJ: No return
FF: 1 1/2' blow
FSJ: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>MCO</u>	<u>80</u>		<u>20</u>	
<u>50</u>	<u>OCM</u>	<u>20</u>		<u>80</u>	

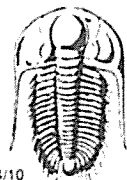
Rec Total 90 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2222 Test 1250 T-On Location 0200
 (B) First Initial Flow 16 Jars 250 T-Started 0227
 (C) First Final Flow 32 Safety Joint 75 T-Open 0425
 (D) Initial Shut-In 1031 Circ Sub H/c T-Pulled 0625
 (E) Second Initial Flow 39 Hourly Standby _____ T-Out 0826
 (F) Second Final Flow 50 Mileage 4747 72.85 Comments _____
 (G) Final Shut-In 1003 Sampler _____
 (H) Final Hydrostatic 2204 Straddle _____ Ruined Shale Packer 350

Initial Open 30 Shale Packer 250 Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 2247.85
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1897.85

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55513

Well Name & No. Golden Grain # 1 Test No. 3 Date 10/08/13
 Company Palomino Petroleum, Inc Elevation 3106 KB 301 GL
 Address 4924 SE 84th St, Newton, ks 67114
 Co. Rep / Geo. Ryan Sab Rig WW#10
 Location: Sec. 29 Twp. 20S Rge. 34W Co. Scott State Ks

Interval Tested 4565 - 4810 Zone Tested Lawrence - Ft Scott
 Anchor Length 245' Drill Pipe Run 4426 Mud Wt. 9.5
 Top Packer Depth 4560 Drill Collars Run 123 Vis 50
 Bottom Packer Depth 4565 Wt. Pipe Run 18 WL 9.2
 Total Depth 4810 Chlorides 7500 ppm System LCM 1.5²⁰

Blow Description IF: 1" blow
ISJ: No return
FP: Surface blow
FSJ: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>MUD</u>			<u>100</u>	
	<u>(OTL Spots)</u>				

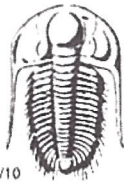
Rec Total 55 BHT 111 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2268 Test 1250 T-On Location 0530
 (B) First Initial Flow 29 Jars 250 T-Started 0754
 (C) First Final Flow 38 Safety Joint 75 T-Open 0938
 (D) Initial Shut-In 725 Circ Sub w/c T-Pulled 1138
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 073-1346
 (F) Second Final Flow 48 Mileage 47 72.85 Comments _____
 (G) Final Shut-In 678 Sampler _____
 (H) Final Hydrostatic 2234 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 20 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1897.85
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1897.85

Approved By _____ Our Representative _____

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54517

Well Name & No. Golden Gram #1 Test No. 4 Date 10-8-13
 Company Palomino Petroleum Inc Elevation 3106 KB 3101 GL
 Address 4924 SE 84th St. NEWTON, KS 67114
 Co. Rep / Geo. Ryan Seib Rig NW #10
 Location: Sec. 29 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4780-4868 Zone Tested ~~4780-4868~~
 Anchor Length 88' Drill Pipe Run 4584' Mud Wt. 9.4
 Top Packer Depth 4776 Drill Collars Run 185' Vis 53
 Bottom Packer Depth 4780 Wt. Pipe Run 8 WL 9.2
 Total Depth 4868 Chlorides 6,000 ppm System LCM #1

Blow Description FF: lin of Blow
FSI: No Return blow back
FF: No blow
FSI: No Return blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>mud w/ oil specs</u>			<u>100</u>	

Rec Total 30 BHT 114 Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2384</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>21:55/10:07</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:11</u> ↑
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:27</u>
(D) Initial Shut-In <u>1013</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>02:27</u> 10/10/13
(E) Second Initial Flow <u>34</u>	<input checked="" type="checkbox"/> Hourly Standby <u>last test 10/8/13 @ 4:30 am</u>	T-Out <u>04:31</u> 40:30
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>145.70</u>	Comments <u>Picked up tools @ 10:30 am on 10/10/13</u>
(G) Final Shut-In <u>923</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2330</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30 Shale Packer 250 Ruined Packer
 Initial Shut-In 30 Extra Packer Extra Copies
 Final Flow 30 Extra Recorder Sub Total 800
 Final Shut-In 30 Day Standby 1d 6h Total 2770.70
 Accessibility MP/DST Disc't
 Sub Total 1970.70

Approved By _____ Our Representative [Signature] CLM

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