

**CONSOLIDATED**  
Oil Well Services, LLC

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

RECEIVED

**FEB 24 2014** MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 266077

Invoice Date: 02/21/2014 Terms: 10/10/30,n/30 Page 1

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

HOLMES #1  
43041  
28-16-26  
02-20-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	300.00	15.8600	4758.00
1118B	PREMIUM GEL / BENTONITE	1032.00	.2700	278.64
1107	FLO-SEAL (25#)	75.00	2.9700	222.75
1111	SODIUM CHLORIDE (GRANULA	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-525.94
9995-130	CEMENT EQUIPMENT DISCOUNT	-236.90

Description	Hours	Unit Price	Total
693 TON MILEAGE DELIVERY	1.00	790.30	790.30
57 CEMENT PUMP	1.00	1395.00	1395.00
57 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 7951.90 if paid after 03/23/2014

Parts:	5259.39	Freight:	.00	Tax:	291.11	AR	7156.71
Labor:	.00	Misc:	.00	Total:	7156.71		
Sublt:	-762.84	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



266077

TICKET NUMBER 43041

LOCATION Oakley, Ks.

FOREMAN Elaven

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
2/20/14	6285	Holmes #1	28	16	26	Ness
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Palomino Petroleum			57	Cory		
MAILING ADDRESS			693	Jake		
CITY				Jeff	Assist	
STATE						
ZIP CODE						

Utica  
1w 7s  
w + N  
into

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5 To 13 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting Rig upon Maverick #108 Plug as Ordered

- 1<sup>st</sup> 2040' - 50 SKs
- 2<sup>nd</sup> 1260' - 80 SKs
- 3<sup>rd</sup> 600' - 50 SKs 300 SKs 60/40 4% Gel 1/4 Floseal
- 4<sup>th</sup> 270' - 50 SKs
- 5<sup>th</sup> 60' - 20 SKs
- Plug Mousehole 20 SKs
- Plug Rathole 30 SKs

*Thanks Elaven & Crew*

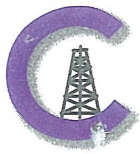
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	\$1395.00	\$1395.00
5406	35	MILEAGE	\$5.25	\$183.75
5407A	12.9	Ton Mileage Delivery	\$1.75	\$224.25
1131	300 SKs	60/40 Poz mix	\$15.86	\$4758.00
1118B	1032*	Bentonite	\$2.27	\$2342.64
1107	75*	Floseal	\$2.97	\$222.75
1111	100*	Salt	NC	NC
			SubTotal	\$7628.44
			Less 10%	\$762.84
			SubTotal	\$6865.60
			SALES TAX 6.15	291.11
			ESTIMATED TOTAL	7156.71

completed

Ravin 3737

AUTHORIZATION [Signature] TITLE Toolpusher DATE \_\_\_\_\_

I acknowledge 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

**RECEIVED**

**FEB 18 2014**

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

INVOICE

Invoice # 265940

Invoice Date: 02/14/2014 Terms: 10/10/30,n/30

Page 1

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

HOLMES #1  
43035  
28-16-26  
02-11-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	175.00	18.5500	3246.25
1102	CALCIUM CHLORIDE (50#)	494.00	.9400	464.36
1118B	PREMIUM GEL / BENTONITE	329.00	.2700	88.83
1111	SODIUM CHLORIDE (GRANULA)	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-379.94
9995-130	CEMENT EQUIPMENT DISCOUNT	-183.81

	Description	Hours	Unit Price	Total
466	TON MILEAGE DELIVERY	1.00	504.35	504.35
57	CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
57	EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 5871.20 if paid after 03/16/2014

Parts:	3799.44	Freight:	.00	Tax:	210.29	AR	5284.08
Labor:	.00	Misc:	.00	Total:	5284.08		
Sublt:	-563.75	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

265940

TICKET NUMBER 43035  
LOCATION Osage Co.  
FOREMAN Dauen

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Co.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/11/14	6285	Holmes #1	28	16	26	Ness
CUSTOMER Palomino Petroleum			Utica 1w15 W+N into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			57	Cory		
STATE			466	Michael		
ZIP CODE				Jeff		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 241 CASING SIZE & WEIGHT 8 5/8 23\*  
 CASING DEPTH 245.59 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.2 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING 20'  
 DISPLACEMENT 14.43 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting Rig upon Maverick #108 Run Casing Break Circulation  
with Rig Pump Hookup to pump Truck m/w 175 SKS Com 3% CC 2% Gel Wash  
up pump + Lines Displace with 14.43 bbl water Shut in Rig Down  
Cement Did Circulate

Approx 5 bbl To Pit

Thanks Dauen + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54615	1	PUMP CHARGE	\$1150.00	\$1150.00
5406	35	MILEAGE	\$5.25	\$183.75
5407A	8.23	Ton Mileage Delivery	\$1.75	\$504.35
11045	175 SKS	Class "A" Cement	\$18.55	\$3246.25
1102	494 #	Calcium Chloride	\$ .94	\$464.36
1118 B	329 #	Bentonite	\$ .27	\$88.83
1111	100 #	Salt	NC	NC
			Sub Total	\$5637.54
			Less 10%	\$563.75
			Sub Total	\$5073.79
			SALES TAX	210.29
			ESTIMATED TOTAL	5284.08

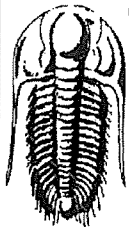
**completed**

AUTHORIZATION \_\_\_\_\_

TITLE Toolpusher

DATE 2-11-2014

I acknowledge 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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
Job Ticket: 56006      **DST#: 1**  
Test Start: 2014.02.16 @ 03:04:00

## GENERAL INFORMATION:

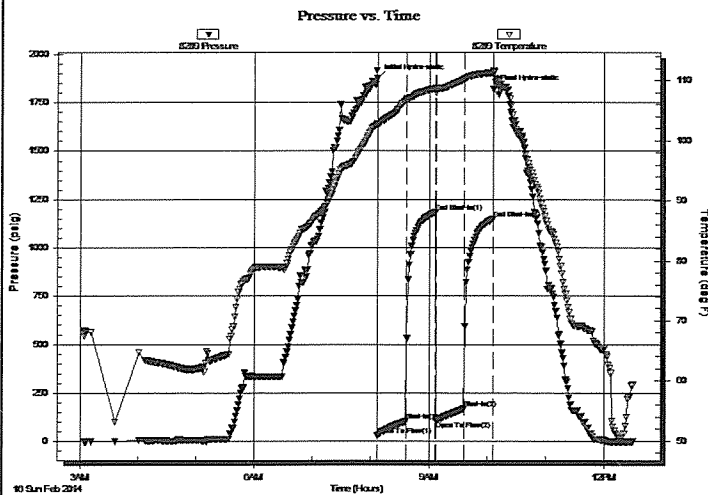
Formation: **Toronto & LKC**  
Deviated: No Whipstock: 2626.00 ft (KB)  
Time Tool Opened: 08:06:45  
Time Test Ended: 12:30:00  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Jim Svaty  
Unit No: 76  
Interval: **3890.00 ft (KB) To 4025.00 ft (KB) (TVD)**  
Total Depth: 4025.00 ft (KB) (TVD)  
Reference Elevations: 2626.00 ft (KB)  
2616.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
KB to GR/CF: 10.00 ft

## Serial #: 8289

Outside

Press@RunDepth: 168.93 psig @ 3895.00 ft (KB)  
Capacity: 8000.00 psig  
Start Date: 2014.02.16      End Date: 2014.02.16  
Last Calib.: 2014.02.16  
Start Time: 03:04:02      End Time: 12:30:00  
Time On Btm: 2014.02.16 @ 08:06:15  
Time Off Btm: 2014.02.16 @ 10:06:45

TEST COMMENT: 30-IFP- BOB in 12 1/2min.  
30-ISIP- Very Weak Surface Blow in 4 min.  
30-FFP- BOB in 19 1/2 min.  
30-FSIP- No Blow



## PRESSURE SUMMARY

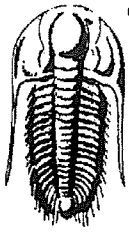
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1875.80	102.81	Initial Hydro-static
1	28.59	102.45	Open To Flow (1)
30	103.36	106.83	Shut-In(1)
61	1184.61	108.72	End Shut-In(1)
61	106.50	108.05	Open To Flow (2)
90	168.93	110.23	Shut-In(2)
121	1149.86	111.34	End Shut-In(2)
121	1818.62	111.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
330.00	MCW 30%w 70%v	4.36

## Gas Rates

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



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114-8827  
 ATTN: Andrew Stenzel

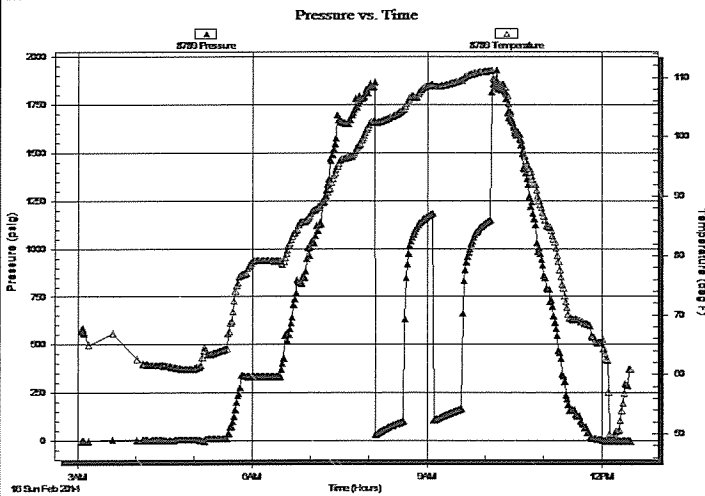
**28 16s 26w Ness**  
**Holmes # 1**  
 Job Ticket: 56006      **DST#: 1**  
 Test Start: 2014.02.16 @ 03:04:00

### GENERAL INFORMATION:

Formation: **Toronto & LKC**  
 Deviated: No      Whipstock: 2626.00 ft (KB)  
 Time Tool Opened: 08:06:45  
 Time Test Ended: 12:30:00  
 Interval: **3890.00 ft (KB) To 4025.00 ft (KB) (TVD)**  
 Total Depth: 4025.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jim Svaty  
 Unit No: 76  
 Reference Elevations: 2626.00 ft (KB)  
 2616.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8789**      **Inside**  
 Press@RunDepth:      psig @      3895.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.02.16      End Date: 2014.02.16      Last Calib.: 2014.02.16  
 Start Time: 03:04:02      End Time: 12:29:45      Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IFP- BOB in 12 1/2min.  
 30-ISIP- Very Weak Surface Blow in 4 min.  
 30-FFP- BOB in 19 1/2 min.  
 30-FSIP- No Blow



### PRESSURE SUMMARY

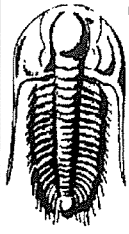
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
330.00	MCV 30%w 70% m	4.36

### Gas Rates

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



**TRIOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**28 16s 26w Ness**

4924 SE 84th St  
New ton KS 67114-8827

**Holmes # 1**

Job Ticket: 56006

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2014.02.16 @ 03:04:00

## 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:

54000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	MCW 30%w 70%m	4.356

Total Length: 330.00 ft

Total Volume: 4.356 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .200 @ 50

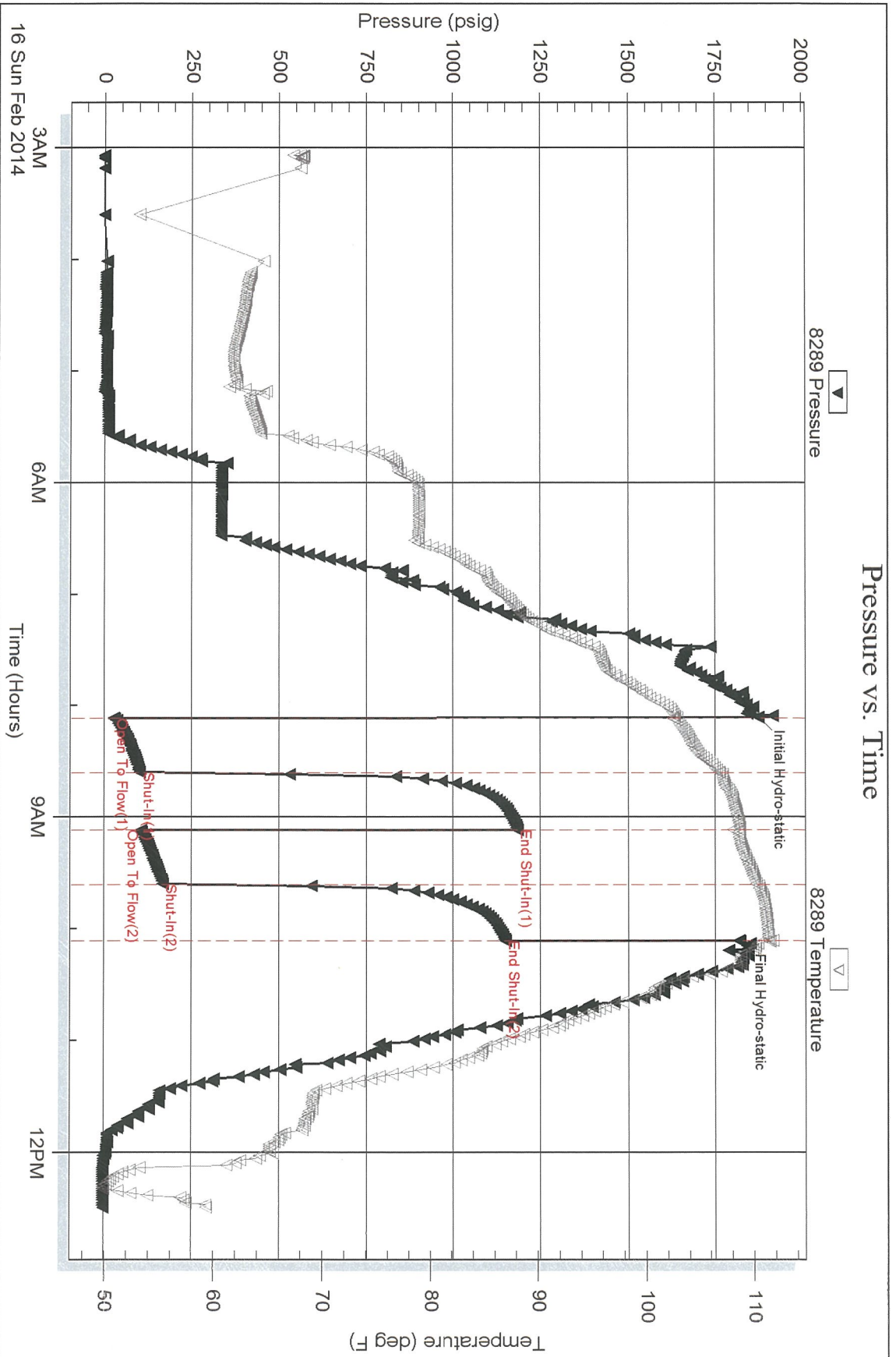
Serial #: 8289

Outside Palominio Petroleum Inc

Holmes # 1

DST Test Number: 1

### Pressure vs. Time





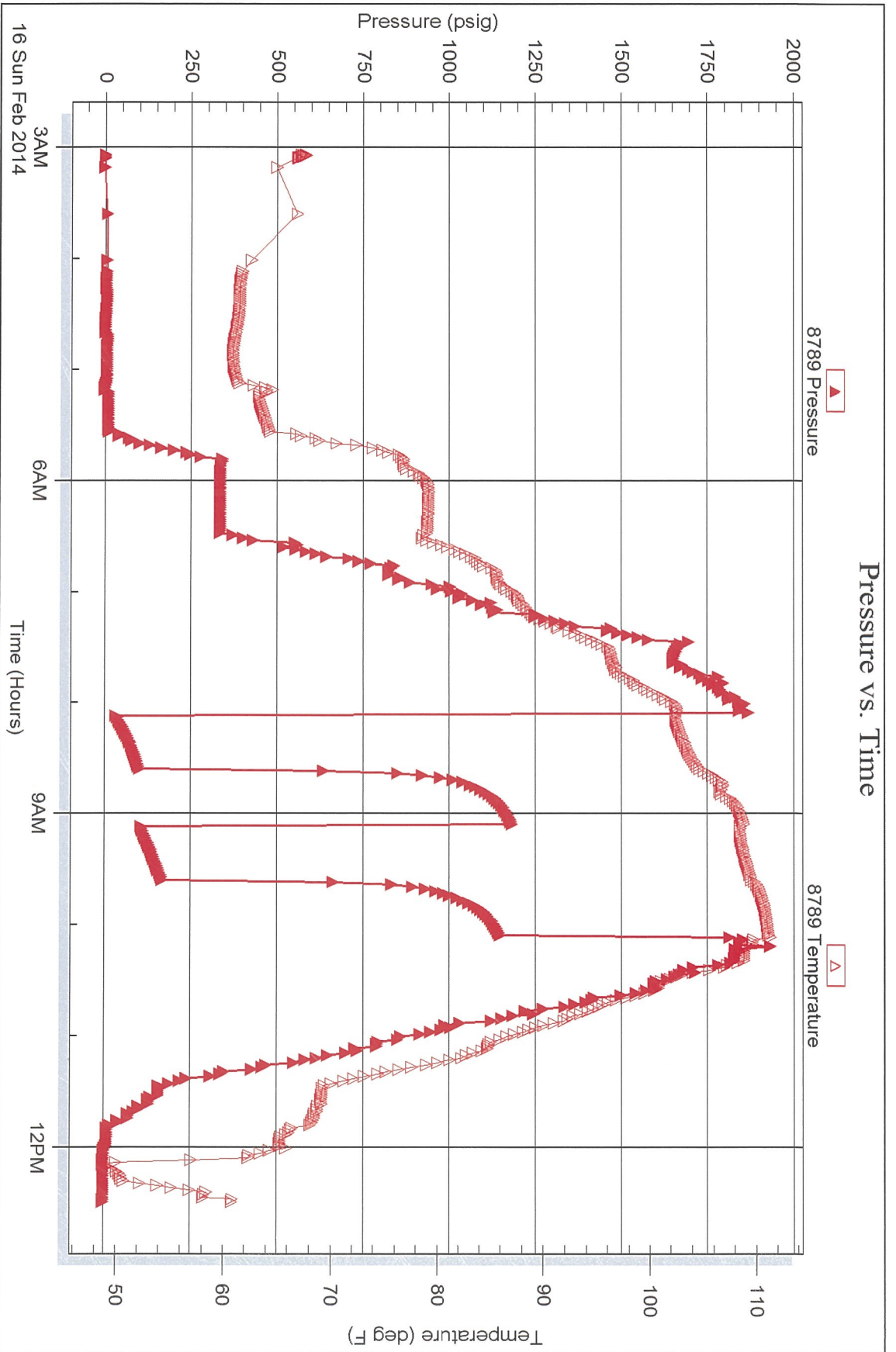
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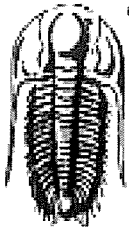
Inside

Palomino Petroleum Inc

Holmes # 1

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
Job Ticket: 56007      **DST#: 2**  
Test Start: 2014.02.18 @ 15:00:00

## GENERAL INFORMATION:

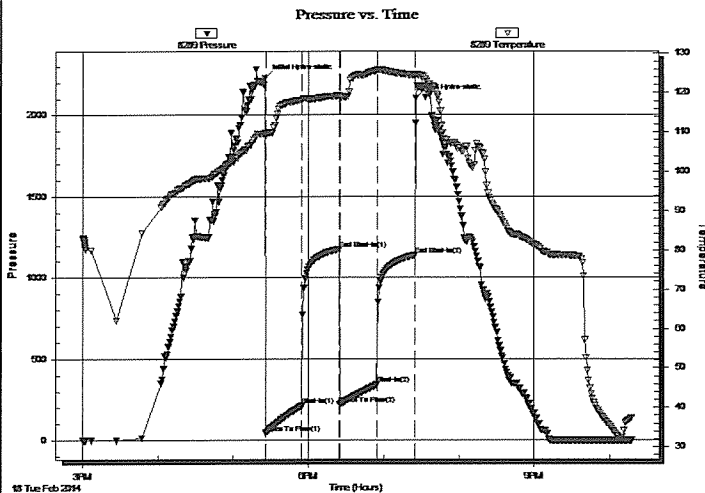
Formation: **Mississippian**  
Deviated: No      Whipstock: 2626.00 ft (KB)  
Time Tool Opened: 17:25:45  
Time Test Ended: 22:18:00  
Interval: **4484.00 ft (KB) To 4576.00 ft (KB) (TVD)**  
Total Depth: 4576.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Jim Svaty  
Unit No: 76  
Reference Elevations: 2626.00 ft (KB)  
2618.00 ft (CF)  
KB to GR/CF: 8.00 ft

## Serial #: 8289

Outside

Press@RunDepth: 342.80 psig @ 4489.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.02.18      End Date: 2014.02.18      Last Calib.: 2014.02.18  
Start Time: 15:00:02      End Time: 22:18:00      Time On Btm: 2014.02.18 @ 17:25:30  
Time Off Btm: 2014.02.18 @ 19:25:30

TEST COMMENT: 30-IFP- BOB in 5 1/2 min  
30-ISIP- No Blow  
30-FFP- BOB in 8 1/2 min.  
30-FSIP- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.59	109.81	Initial Hydro-static
1	43.93	109.05	Open To Flow (1)
30	212.86	118.14	Shut-In(1)
59	1175.91	119.18	End Shut-In(1)
60	221.38	118.72	Open To Flow (2)
89	342.80	125.65	Shut-In(2)
120	1138.44	124.39	End Shut-In(2)
120	2103.56	124.65	Final Hydro-static

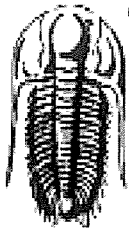
## Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW 15%w 85%w	1.47
124.00	OSMCW 50%w 50%m	1.74
124.00	OWCM 5%o 20%w 75%m	1.74
248.00	OCM 5%o 95%m	3.48
93.00	OCM 15%o 85%m	1.30

\* 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 St  
New ton KS 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
Job Ticket: 56007      **DST#: 2**  
Test Start: 2014.02.18 @ 15:00:00

## 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: 21000 ppm	
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.36 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCW 15%m 85%w	1.466
124.00	OSMCW 50%w 50%m	1.739
124.00	OWCM 5%o 20%w 75%m	1.739
248.00	OCM 5%o 95%m	3.479
93.00	OCM 15%o 85%m	1.305

Total Length: 713.00 ft      Total Volume: 9.728 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: .560 @ 40

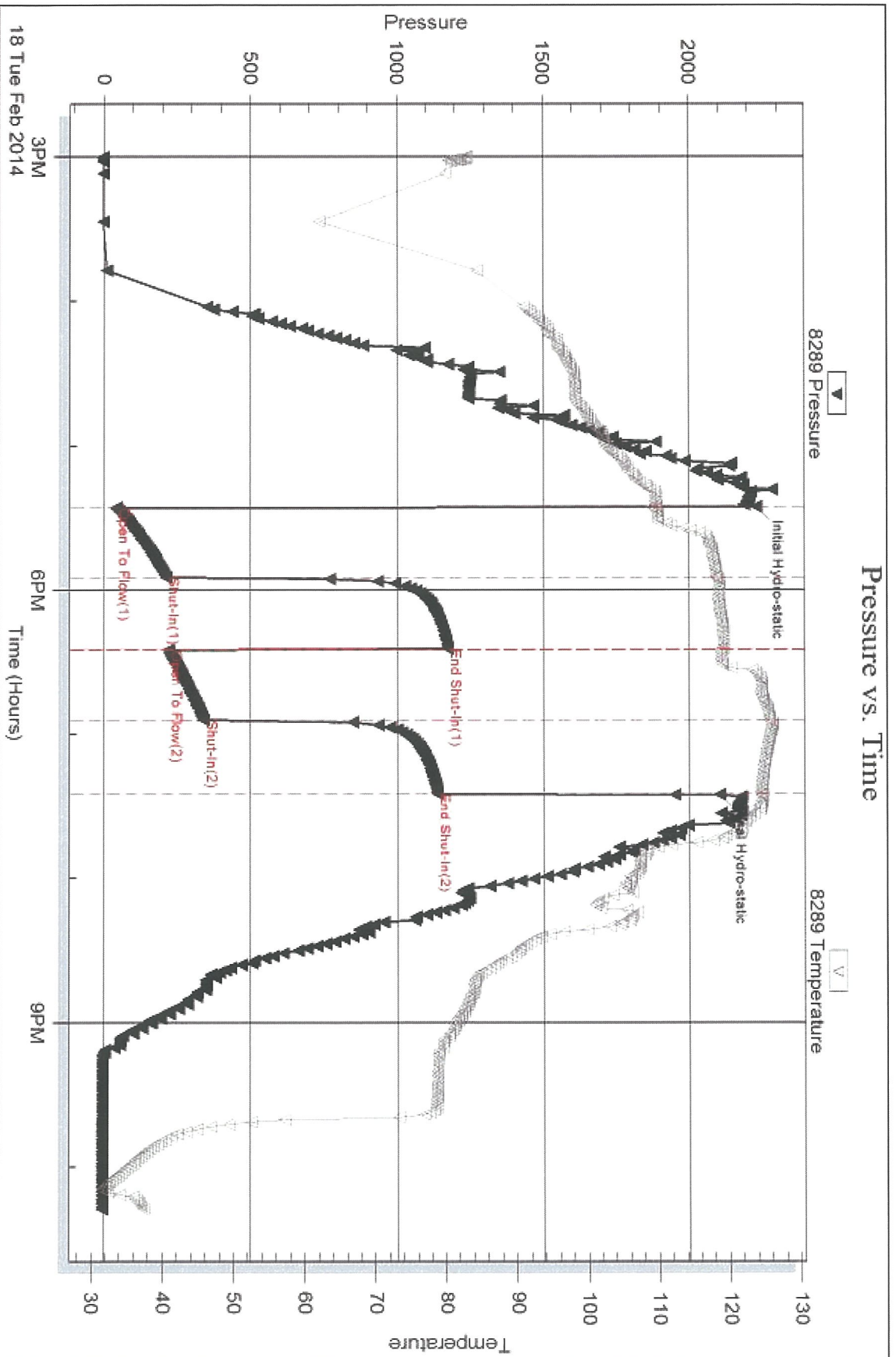
Serial #: 8289

Outside Palominio Petroleum Inc

Holmes # 1

DST Test Number: 2

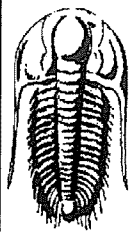
### Pressure vs. Time



Tribble Testing, Inc

Ref. No: 56007

Printed: 2014.02.19 @ 07:50:01



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114-8827  
 ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
 Job Ticket: 56008      **DST#: 3**  
 Test Start: 2014.02.19 @ 15:01:00

## GENERAL INFORMATION:

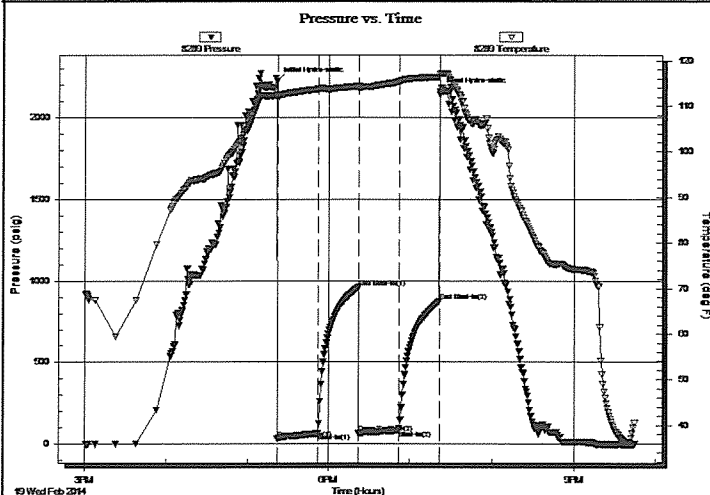
Formation: **Ft Scott & Miss**  
 Deviated: No      Whipstock: 2626.00 ft (KB)  
 Time Tool Opened: 17:21:45  
 Time Test Ended: 21:45:00  
 Interval: **4420.00 ft (KB) To 4568.00 ft (KB) (TVD)**  
 Total Depth: 4675.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Jim Svaty  
 Unit No: 76  
 Reference Elevations: 2626.00 ft (KB)  
 2618.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8289

Outside

Press@RunDepth: 83.78 psig @ 4426.00 ft (KB)  
 Start Date: 2014.02.19      End Date: 2014.02.19  
 Start Time: 15:01:02      End Time: 21:45:00  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.02.19  
 Time On Btm: 2014.02.19 @ 17:21:30  
 Time Off Btm: 2014.02.19 @ 19:21:45

TEST COMMENT: 30-IFP- Surface Blow Building to 7 in.  
 30-ISIP- No Blow  
 30-FFP- Surface Blow Building to 5 in.  
 30-FSIP- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.24	112.67	Initial Hydro-static
1	32.34	111.63	Open To Flow (1)
31	63.75	113.72	Shut-In(1)
61	959.03	114.38	End Shut-In(1)
61	66.34	113.89	Open To Flow (2)
91	83.78	115.42	Shut-In(2)
120	872.46	116.41	End Shut-In(2)
121	2159.29	116.91	Final Hydro-static

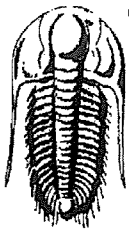
## Recovery

Length (ft)	Description	Volume (bbl)
125.00	OCM 10%o 90%m	1.48
15.00	OCM 30%o 70%m	0.21

\* Recovery from multiple tests

## Gas Rates

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



# TRIOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114-8827  
 ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
 Job Ticket: 56008      **DST#: 3**  
 Test Start: 2014.02.19 @ 15:01:00

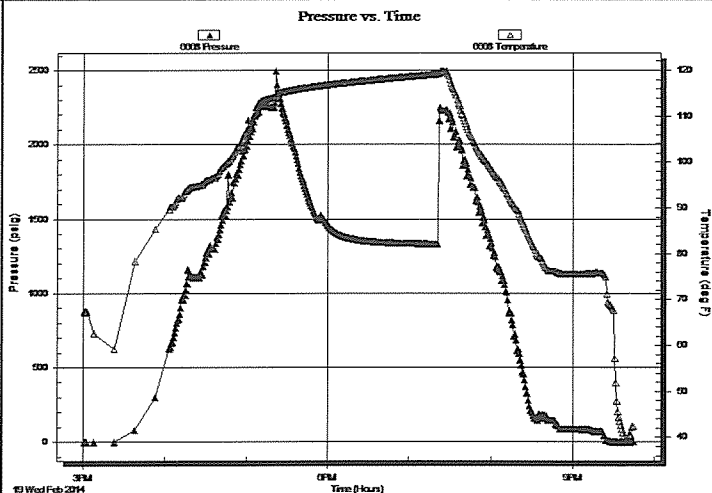
### GENERAL INFORMATION:

Formation: **Ft Scott & Miss**  
 Deviated: No      Whipstock: 2626.00 ft (KB)  
 Time Tool Opened: 17:21:45  
 Time Test Ended: 21:45:00  
 Interval: **4420.00 ft (KB) To 4568.00 ft (KB) (TVD)**  
 Total Depth: 4675.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Jim Svaty  
 Unit No: 76  
 Reference Elevations: 2626.00 ft (KB)  
 2618.00 ft (CF)  
 KB to GR/CF: 8.00 ft

### Serial #: 6668 Below (Straddle)

Press@RunDepth:      psig @      4576.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.02.19      End Date: 2014.02.19      Last Calib.: 2014.02.19  
 Start Time: 15:01:02      End Time: 21:44:45      Time On Btm:  
 Time Off Btm:

TEST COMMENT: 30-IFP- Surface Blow Building to 7 in.  
 30-ISIP- No Blow  
 30-FFP- Surface Blow Building to 5 in.  
 30-FSIP- No Blow



### PRESSURE SUMMARY

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

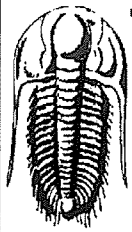
### Recovery

Length (ft)	Description	Volume (bbl)
125.00	OCM 10% @ 90% m	1.48
15.00	OCM 30% @ 70% m	0.21

\* 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 67114-8827  
ATTN: Andrew Stenzel

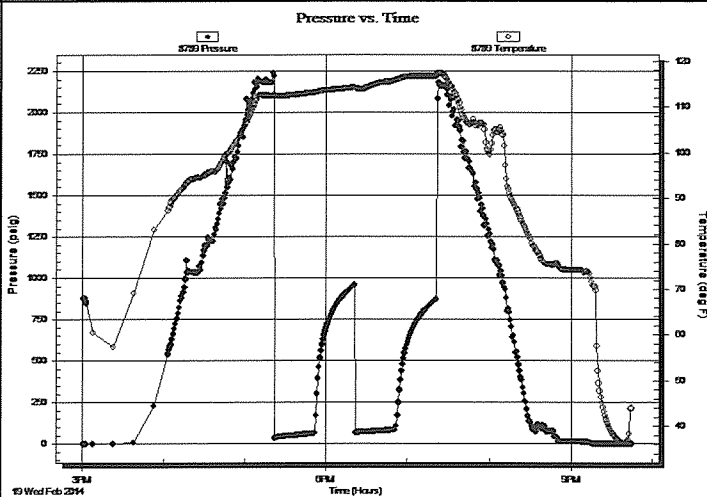
**28 16s 26w Ness**  
**Holmes # 1**  
Job Ticket: 56008      **DST#: 3**  
Test Start: 2014.02.19 @ 15:01:00

## GENERAL INFORMATION:

Formation: **Ft Scott & Miss**  
Deviated: No      Whipstock: 2626.00 ft (KB)      Test Type: Conventional Straddle (Reset)  
Time Tool Opened: 17:21:45      Tester: Jim Svaty  
Time Test Ended: 21:45:00      Unit No: 76  
Interval: **4420.00 ft (KB) To 4568.00 ft (KB) (TVD)**      Reference Elevations: 2626.00 ft (KB)  
Total Depth: 4675.00 ft (KB) (TVD)      2618.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 8.00 ft

**Serial #: 8789**      Inside  
Press@RunDepth:      psig @ 4426.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.02.19      End Date: 2014.02.19      Last Calib.: 2014.02.19  
Start Time: 15:01:02      End Time: 21:44:45      Time On Btm:  
Time Off Btm:

TEST COMMENT: 30-IFP- Surface Blow Building to 7 in.  
30-ISIP- No Blow  
30-FFP- Surface Blow Building to 5 in.  
30-FSIP- No Blow



## PRESSURE SUMMARY

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

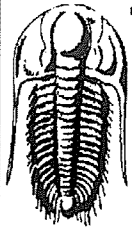
## Recovery

Length (ft)	Description	Volume (bbl)
125.00	OCM 10%o 90%m	1.48
15.00	OCM 30%o 70%m	0.21

\* 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 St  
New ton KS 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes # 1**  
Job Ticket: 56008      **DST#: 3**  
Test Start: 2014.02.19 @ 15:01:00

## 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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	OCM 10%o 90%m	1.480
15.00	OCM 30%o 70%m	0.210

Total Length: 140.00 ft      Total Volume: 1.690 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

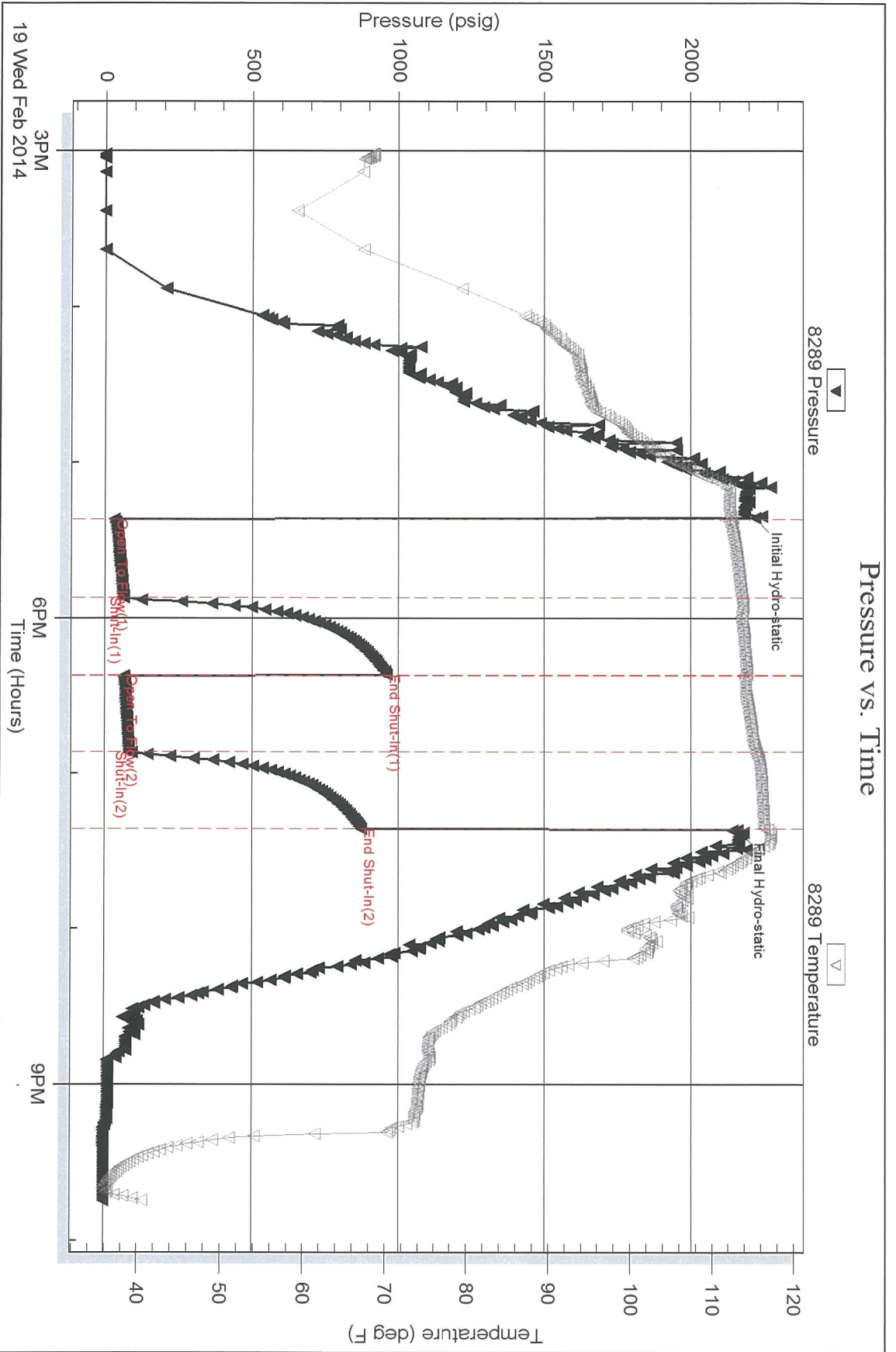


Serial #: 8289

Outside Palominio Petroleum Inc

Holmes # 1

DST Test Number: 3

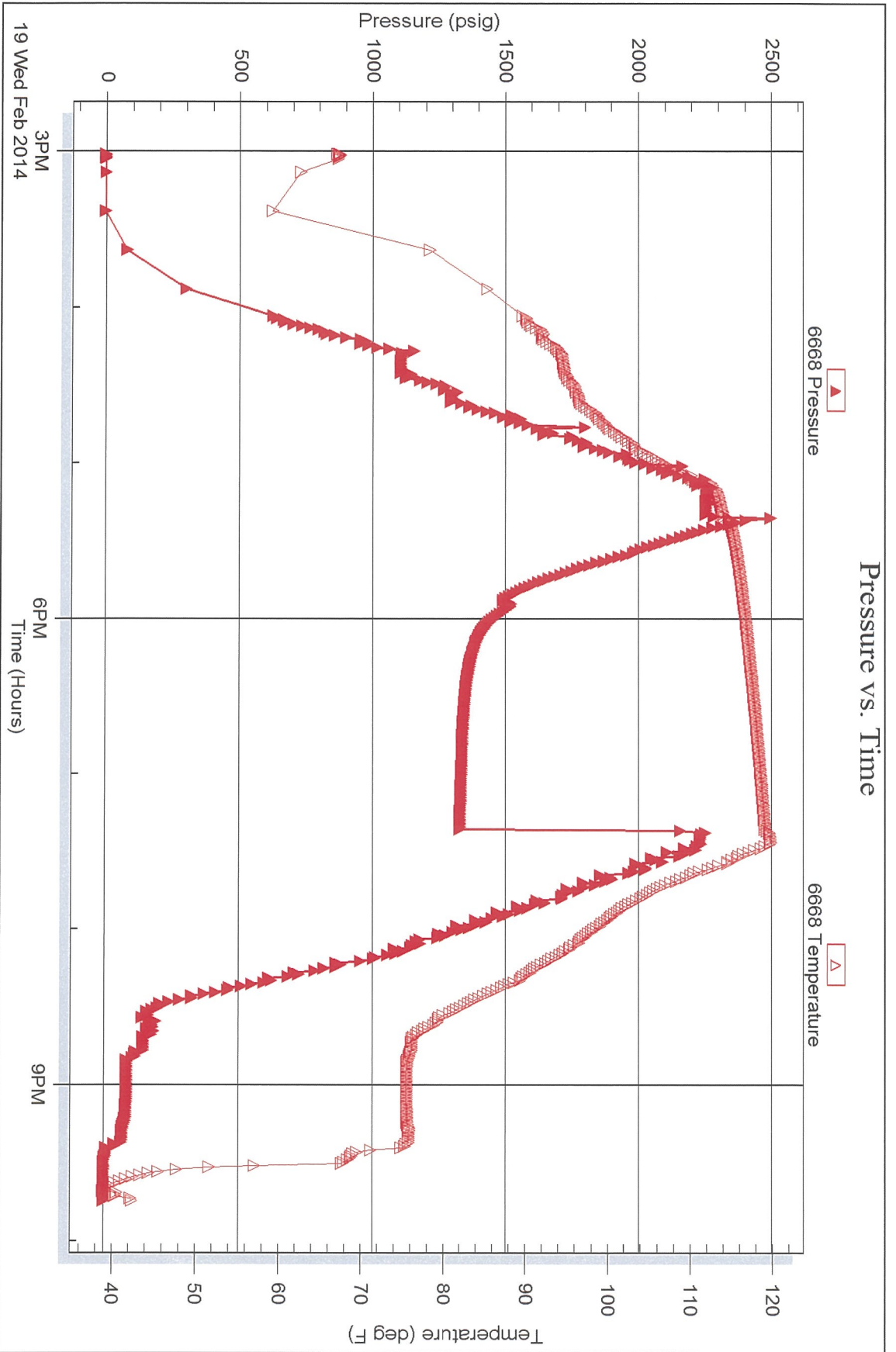


Serial #: 6668

Below (Stratton) Petroleum Inc

Holmes # 1

DST Test Number: 3



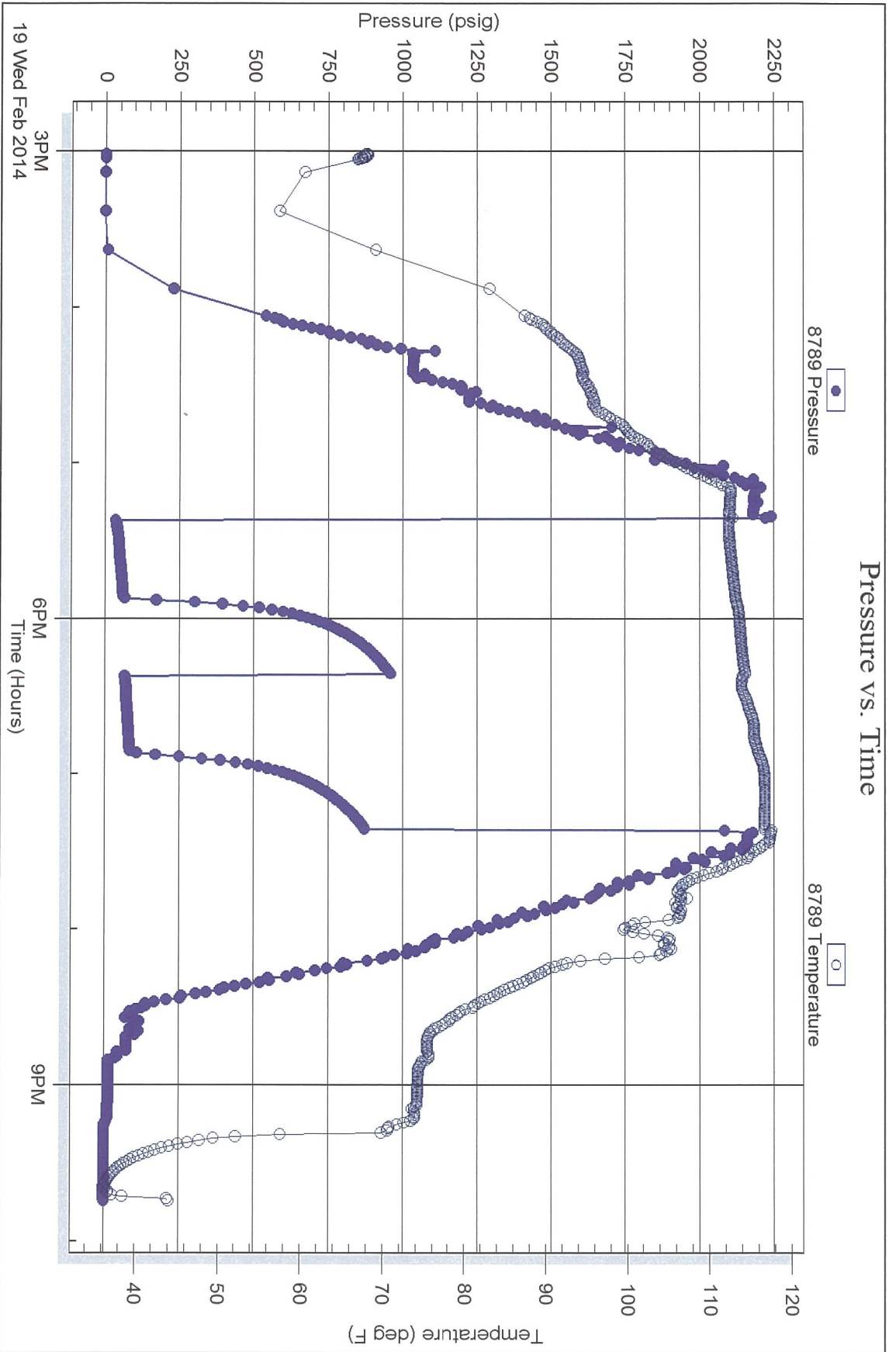
Serial #: 8789

Inside

Palomino Petroleum Inc

Holmes # 1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56008

Printed: 2014.02.19 @ 22:18:47



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**28 16s 26w Ness**

4924 SE 84th St  
New ton KS 67114-8827

**Holmes #1**

Job Ticket: 56009

**DST#: 4**

ATTN: Andrew Stenzel

Test Start: 2014.02.19 @ 22:53:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 2626.00 ft (KB)

Time Tool Opened: 01:22:00

Time Test Ended: 06:43:00

Test Type: Conventional Straddle (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: **4295.00 ft (KB) To 4378.00 ft (KB) (TVD)**

Reference Elevations: 2626.00 ft (KB)

Total Depth: 4675.00 ft (KB) (TVD)

2618.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8289 Outside**

Press@RunDepth: 26.50 psig @ 4301.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.19 End Date: 2014.02.20

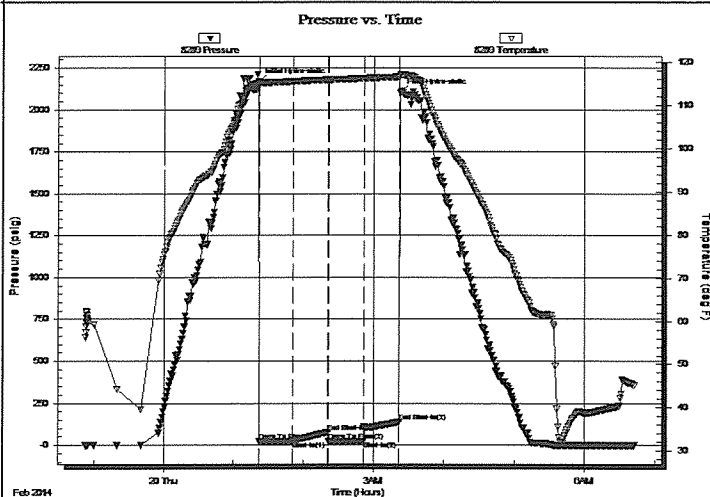
Last Calib.: 2014.02.20

Start Time: 22:53:02 End Time: 06:43:00

Time On Btm: 2014.02.20 @ 01:21:30

Time Off Btm: 2014.02.20 @ 03:22:15

TEST COMMENT: 30-IFP- 1/4in. blow  
30-ISIP- No Blow  
30-FFP- No Blow  
30-FSIP- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.14	115.47	Initial Hydro-static
1	21.57	114.95	Open To Flow (1)
30	23.81	115.51	Shut-In(1)
60	76.41	115.90	End Shut-In(1)
60	24.66	115.87	Open To Flow (2)
90	26.50	116.22	Shut-In(2)
121	138.10	116.55	End Shut-In(2)
121	2099.65	117.15	Final Hydro-static

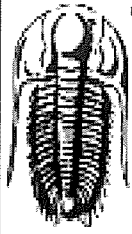
## Recovery

Length (ft)	Description	Volume (bbl)
7.00	Mud 100%	0.03

\* 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 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes #1**  
Job Ticket: 56009      **DST#: 4**  
Test Start: 2014.02.19 @ 22:53:00

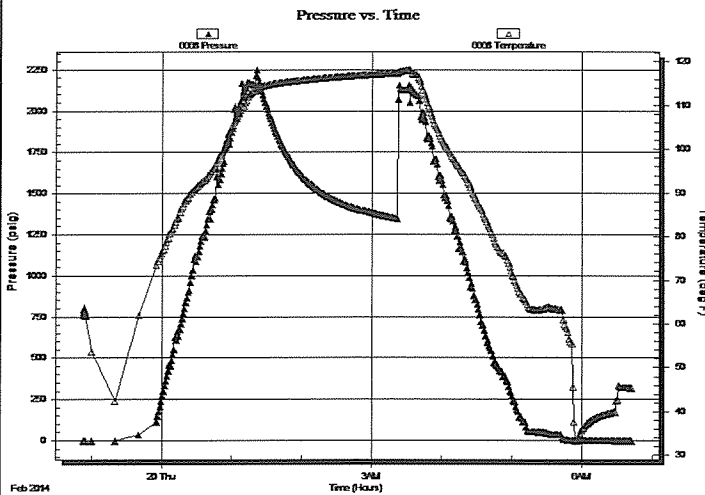
### GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: 2626.00 ft (KB)  
Time Tool Opened: 01:22:00  
Time Test Ended: 06:43:00  
Interval: **4295.00 ft (KB) To 4378.00 ft (KB) (TVD)**  
Total Depth: 4675.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)  
Tester: Jim Svaty  
Unit No: 76  
Reference Elevations: 2626.00 ft (KB)  
2618.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 6668 Below (Straddle)**  
Press@RunDepth:      psig @      4387.00 ft (KB)  
Start Date: 2014.02.19      End Date: 2014.02.20      Capacity: 8000.00 psig  
Start Time: 22:53:02      End Time: 06:42:45      Last Calib.: 2014.02.20  
Time On Btm:      Time Off Btm:

TEST COMMENT: 30-IFP- 1/4in. blow  
30-ISIP- No Blow  
30-FFP- No Blow  
30-FSIP- No Blow



### PRESSURE SUMMARY

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

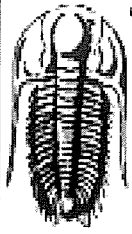
### Recovery

Length (ft)	Description	Volume (bbl)
7.00	Mud 100%	0.03

\* 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 St  
New ton KS 67114-8827  
ATTN: Andrew Stenzel

**28 16s 26w Ness**  
**Holmes #1**  
Job Ticket: 56009      **DST#: 4**  
Test Start: 2014.02.19 @ 22:53:00

### 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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	Mud 100%	0.034

Total Length: 7.00 ft      Total Volume: 0.034 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

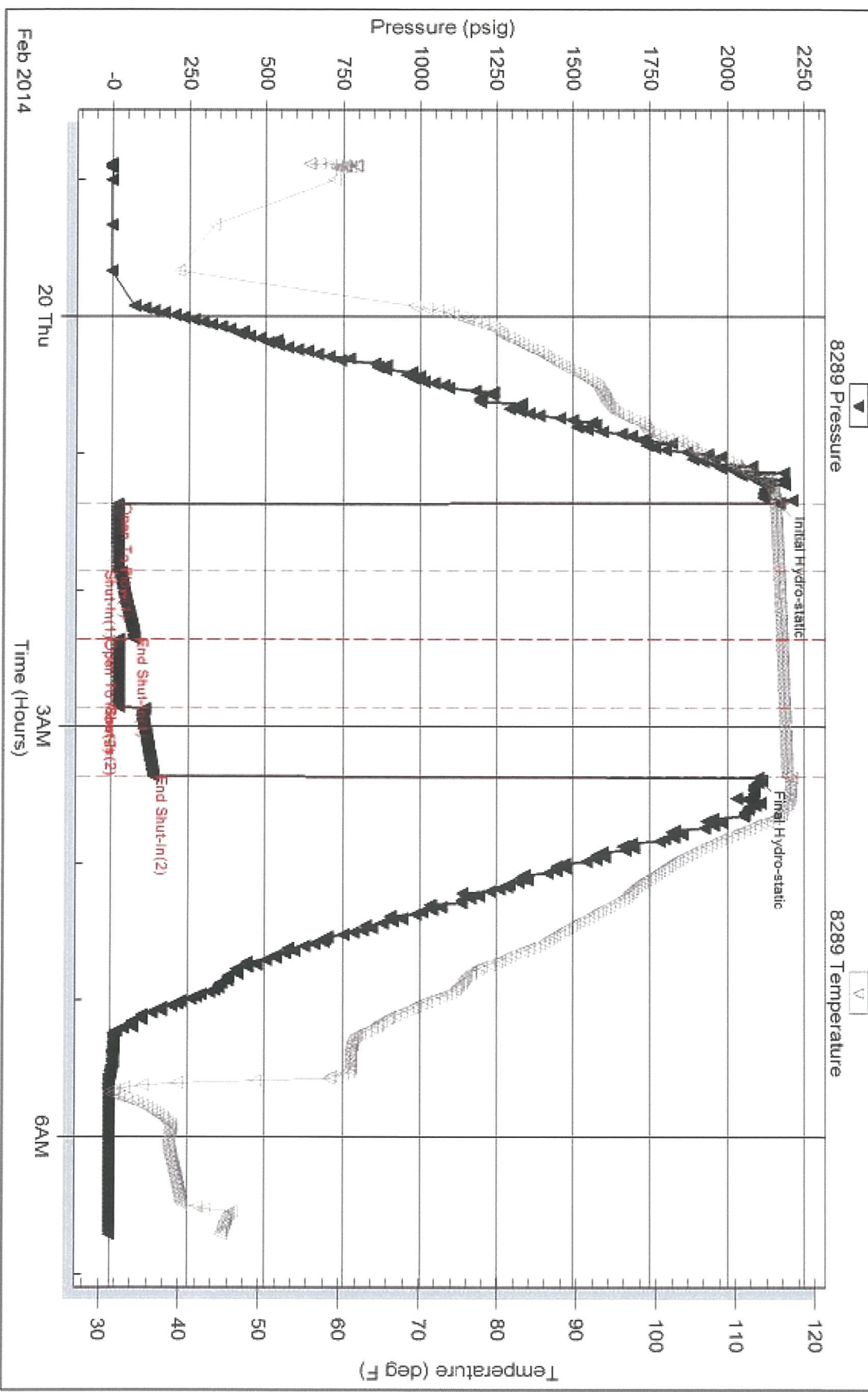
Serial #: 8289

Outside Palomino Petroleum Inc

Holmes #1

DST Test Number: 4

### Pressure vs. Time



Tribble Testing, Inc

Ref. No: 56009

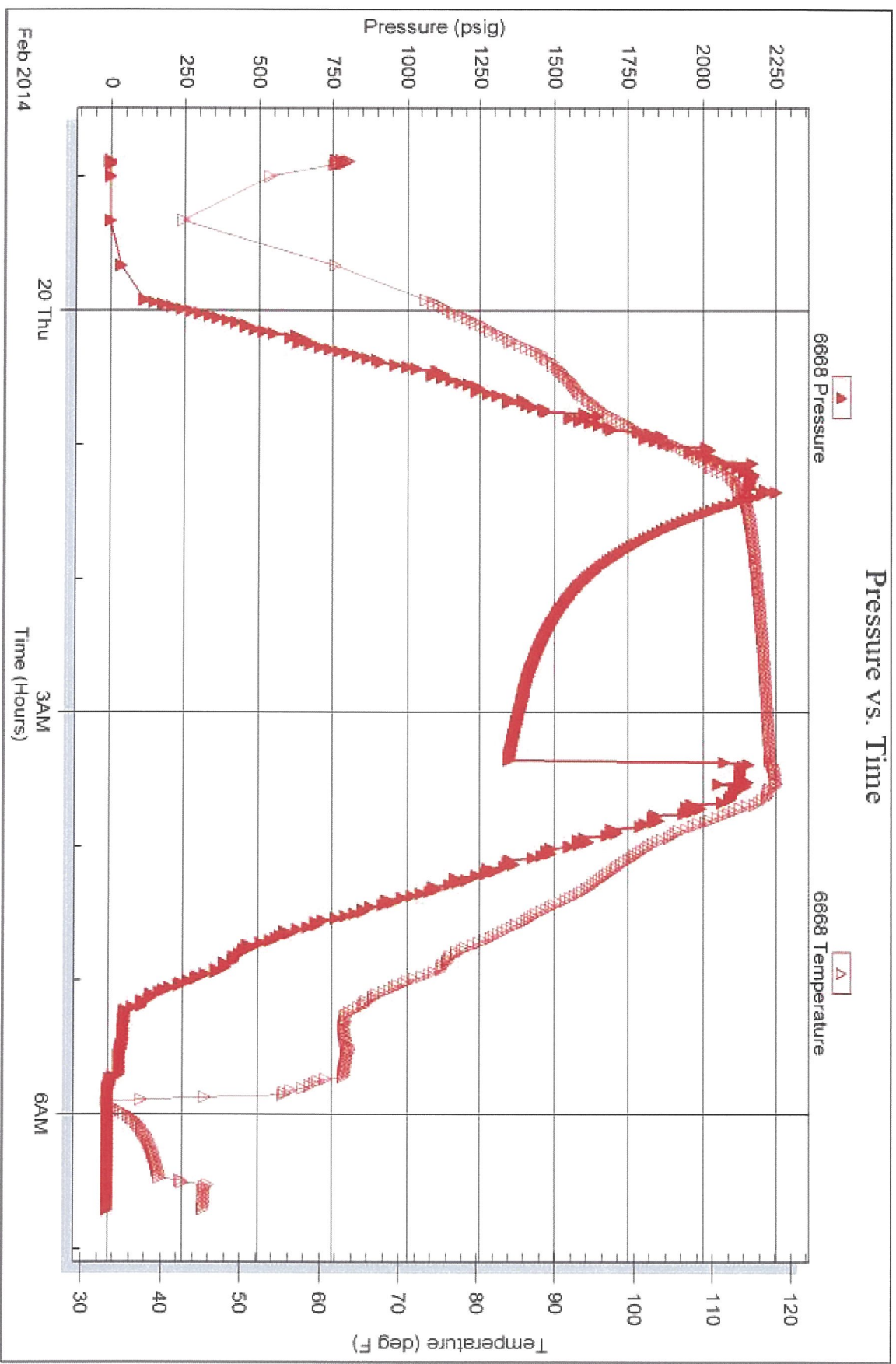
Printed: 2014.02.20 @ 07:47:11

Serial #: 6668

Below (Sir Raddiano Petroleum Inc

Holmes #1

DST Test Number: 4



Tribble Testing, Inc

Ref. No: 56009

Printed: 2014.02.20 @ 07:47:11