

**CONSOLIDATED**  
Oil Well Services, LLC

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

RECEIVED

JAN 21 2014

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

INVOICE

Invoice # 265420

Invoice Date: 01/17/2014 Terms: 10/10/30,n/30

Page 1

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

JOHNSON-BAKER #1  
38133  
4-17S-26W  
01-16-2014  
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	-228.93

Description	Hours	Unit Price	Total
693 TON MILEAGE DELIVERY	1.00	710.50	710.50
57 P & A NEW WELL	1.00	1395.00	1395.00
57 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 7422.40 if paid after 02/16/2014

Parts:	4835.74	Freight:	.00	Tax:	267.67	AR	6680.16
Labor:	.00	Misc:	.00	Total:	6680.16		
Sublt:	-712.50	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



265420

TICKET NUMBER 38133  
 LOCATION Oakley Ks  
 FOREMAN Jerry Y

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

FIELD TICKET & TREATMENT REPORT  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
1-16-14	6285	Johnson-Baker #1	4	17S	26W	Miss Ks	
CUSTOMER Palomino Petro.			Ultra W to B 2 1/2 E into				
MAILING ADDRESS 4924 SE 84st							
CITY Newton		STATE Ks	ZIP CODE 67114	TRUCK # 57	DRIVER Travis W	TRUCK # 693	DRIVER Cody R

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 4700 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig up on WW 10 plug as ordered w/ 270 sks 60/40 poz  
4% gel 1/4" flo seal per sk.  
50 sks @ 2090'  
80 sks @ 1250'  
40 sks @ 620'  
50 sks @ 240'  
20 sks @ 60' w/ wooden 8 5/8 plug  
30 sks Rh

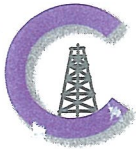
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
540.5N	1	PUMP CHARGE	1395.00	1395.00 ✓
5406	35	MILEAGE	5.25	183.75 ✓
5407A	11.6	ton mileage delivery	1.75	710.50 ✓
11.31	270 sks	60/40 poz	15.86	4282.20 ✓
1118b	929 #	gel	27	25083 ✓
1107	68 #	flo seal	292	20196 ✓
4432	1	8 5/8 wooden plug	100.00	100.00 ✓
		sub total		7124.99
		less 10% disc		712.50 ✓
		sub total		6412.49
		6.15	SALES TAX	267.67 ✓
			ESTIMATED TOTAL	6680.16 ✓

**completed**

AUTHORIZATION [Signature] TITLE T.P. DATE 1-16-14

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

JAN 21 2014

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

INVOICE

Invoice # 265418

Invoice Date: 01/17/2014 Terms: 10/10/30,n/30

Page 1

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

JOHNSON-BAKER #1  
44571  
4-17S-26W  
01-09-2014  
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
1111	SODIUM CHLORIDE (GRANULA	200.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-180.90

Description	Hours	Unit Price	Total
399 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
399 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75
460 TON MILEAGE DELIVERY	1.00	475.30	475.30

Amount Due 5646.67 if paid after 02/16/2014

Parts:	3581.55	Freight:	.00	Tax:	230.46	AR	5082.00
Labor:	.00	Misc:	.00	Total:	5082.00		
Sublt:	-539.06	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

265418

TICKET NUMBER 44571  
LOCATION Oakleg  
FOREMAN Dane E 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
1-9-14	6285	Johnson-Baker #1	4	17 S	26 W	lane
CUSTOMER Pelomino Petroleum			Utica			
MAILING ADDRESS			2W			
CITY			2 1/2 S			
STATE			TRUCK #			
ZIP CODE			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 215 CASING SIZE & WEIGHT 8 5/8 24 LBS  
 CASING DEPTH 215 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 4.7 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 26  
 DISPLACEMENT 12.42 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on WW #10 rig up and circulate on bottom, mix 165  
5ks com 3% CC, 2% gel. Displace with water 12.42 BBLs and shut in  
cement and circulate. Circulate 4 BBLs to pit.

Thanks Dane + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401g	1	PUMP CHARGE	1150.	1150.00 ✓
5466	35	MILEAGE	5.25	183.75 ✓
5407A	7.76	Tan Mileage Delivery	1.75	475.30 ✓
1104g	165 SKS	Class A cement	18.55	3066.75 ✓
1102	465	Calcium Chloride	.94	437.10 ✓
1118 B	310	Bentonite	.27	83.70 ✓
1111	200 LBS	salt	NC	— ✓
		subtotal		5,390.60 ✓
		less 10% discount		-539.06 ✓
		subtotal		4,851.54 ✓
		SALES TAX	7.15	230.46 ✓
		ESTIMATED TOTAL		5082.00 ✓

completed

Ravin 9737

AUTHORIZATION

*[Signature]*

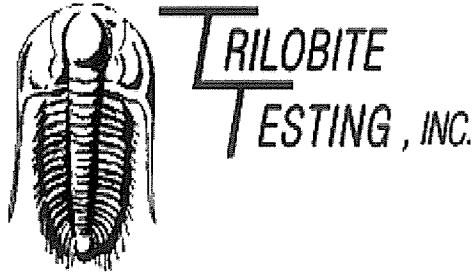
TITLE

T.P.

DATE

1-9-14

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.



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114-8827

ATTN: Andrew Stenzel

**Johnson-Baker #1**

**5-17s-26w Ness,KS**

Start Date: 2014.01.13 @ 06:45:43

End Date: 2014.01.13 @ 12:45:43

Job Ticket #: 56609                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.21 @ 11:43:55

Palomino Petroleum Inc

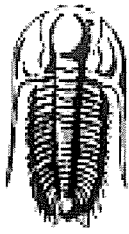
5-17s-26w Ness,KS

Johnson-Baker #1

DST # 1

LKC H-I-J

2014.01.13



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

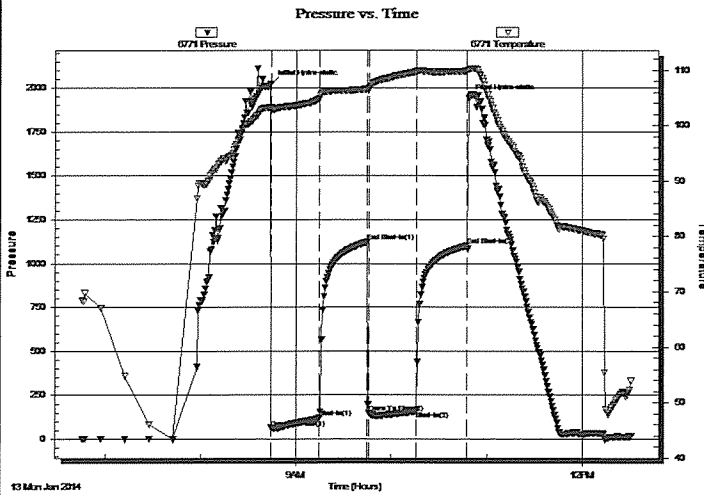
**5-17s-26w Ness, KS**  
**Johnson-Baker #1**  
 Job Ticket: 56609      DST#: 1  
 Test Start: 2014.01.13 @ 06:45:43

## GENERAL INFORMATION:

Formation: **LKC H-I-J**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 08:44:28  
 Time Test Ended: 12:45:43  
 Interval: **4070.00 ft (KB) To 4187.00 ft (KB) (TVD)**  
 Total Depth: 4187.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 4634.00 ft (KB)  
 4629.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6771      Inside**  
 Press@RunDepth: 157.04 psig @ 4071.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.01.13      End Date: 2014.01.13      Last Calib.: 2014.01.13  
 Start Time: 06:45:43      End Time: 12:30:43      Time On Btm: 2014.01.13 @ 08:44:13  
 Time Off Btm: 2014.01.13 @ 10:48:43

TEST COMMENT: 10" blow  
 No return  
 7" blow  
 No return



## PRESSURE SUMMARY

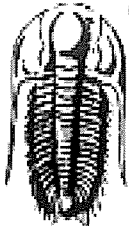
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.88	103.34	Initial Hydro-static
1	62.40	102.69	Open To Flow (1)
31	118.84	104.85	Shut-In(1)
61	112.15	106.57	End Shut-In(1)
62	146.33	106.47	Open To Flow (2)
92	157.04	109.68	Shut-In(2)
124	1100.50	109.81	End Shut-In(2)
125	1942.02	110.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
123.00	m c w 20m 80w	0.60
60.00	m c w 50m 50w	0.84
100.00	w c m 35w 65m	1.40

## 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

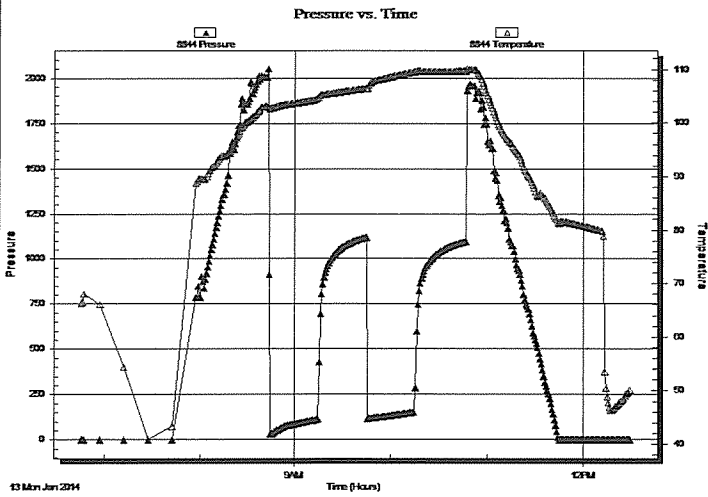
**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56609          **DST#: 1**  
Test Start: 2014.01.13 @ 06:45:43

**GENERAL INFORMATION:**

Formation: **LKC H-I-J**  
Deviated: No Whipstock:                  ft (KB)  
Time Tool Opened: 08:44:28  
Time Test Ended: 12:45:43  
  
Interval: **4070.00 ft (KB) To 4187.00 ft (KB) (TVD)**  
Total Depth: 4187.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Shane McBride  
Unit No: 55  
  
Reference Elevations: 4634.00 ft (KB)  
4629.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8844      Outside**  
Press@RunDepth:                  psig @ 4071.00 ft (KB)          Capacity: 8000.00 psig  
Start Date: 2014.01.13          End Date: 2014.01.13          Last Calib.: 2014.01.13  
Start Time: 06:45:28          End Time: 12:29:58          Time On Btm:  
Time Off Btm:

TEST COMMENT: 10" blow  
                         No return  
                         7" blow  
                         No return



**PRESSURE SUMMARY**

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

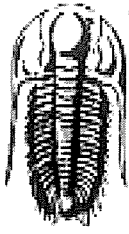
**Recovery**

Length (ft)	Description	Volume (bbl)
123.00	m c w 20m 80w	0.60
60.00	m c w 50m 50w	0.84
100.00	w c m 35w 65m	1.40

**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 67114-8827  
ATTN: Andrew Stenzel

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56609      **DST#: 1**  
Test Start: 2014.01.13 @ 06:45:43

**Tool Information**

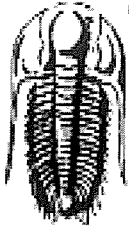
Drill Pipe:	Length: 3949.00 ft	Diameter: 3.80 inches	Volume: 55.39 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<b>Total Volume: 55.99 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4070.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	117.00 ft			
Tool Length:	145.00 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			4043.00	
Shut In Tool	5.00			4048.00	
Hydraulic tool	5.00			4053.00	
Jars	5.00			4058.00	
Safety Joint	3.00			4061.00	
Packer	5.00			4066.00	28.00      Bottom Of Top Packer
Packer	4.00			4070.00	
Stubb	1.00			4071.00	
Recorder	0.00	6771	Inside	4071.00	
Recorder	0.00	8844	Outside	4071.00	
Perforations	15.00			4086.00	
Change Over Sub	1.00			4087.00	
Drill Pipe	94.00			4181.00	
Change Over Sub	1.00			4182.00	
Bullnose	5.00			4187.00	117.00      Bottom Packers & Anchor

**Total Tool Length: 145.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56609      **DST#: 1**  
Test Start: 2014.01.13 @ 06:45:43

## 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:	28500 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	m c w 20m 80w	0.605
60.00	m c w 50m 50w	0.842
100.00	w c m 35w 65m	1.403

Total Length: 283.00 ft      Total Volume: 2.850 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: nw .410 @ 40\*f= 28,500 chlor

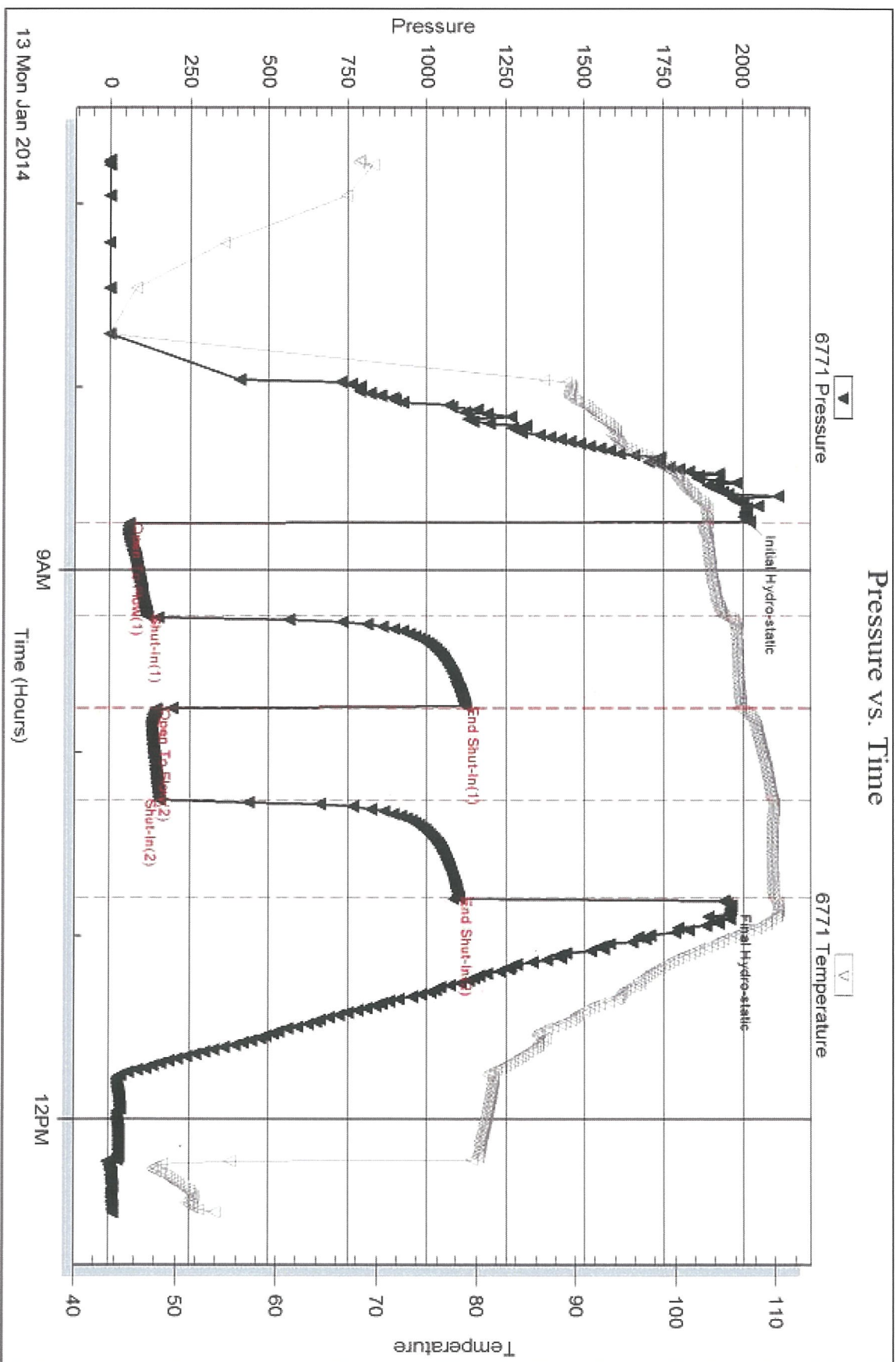
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

OST Test Number: 1



Triobite Testing, Inc

Ref. No: 56609

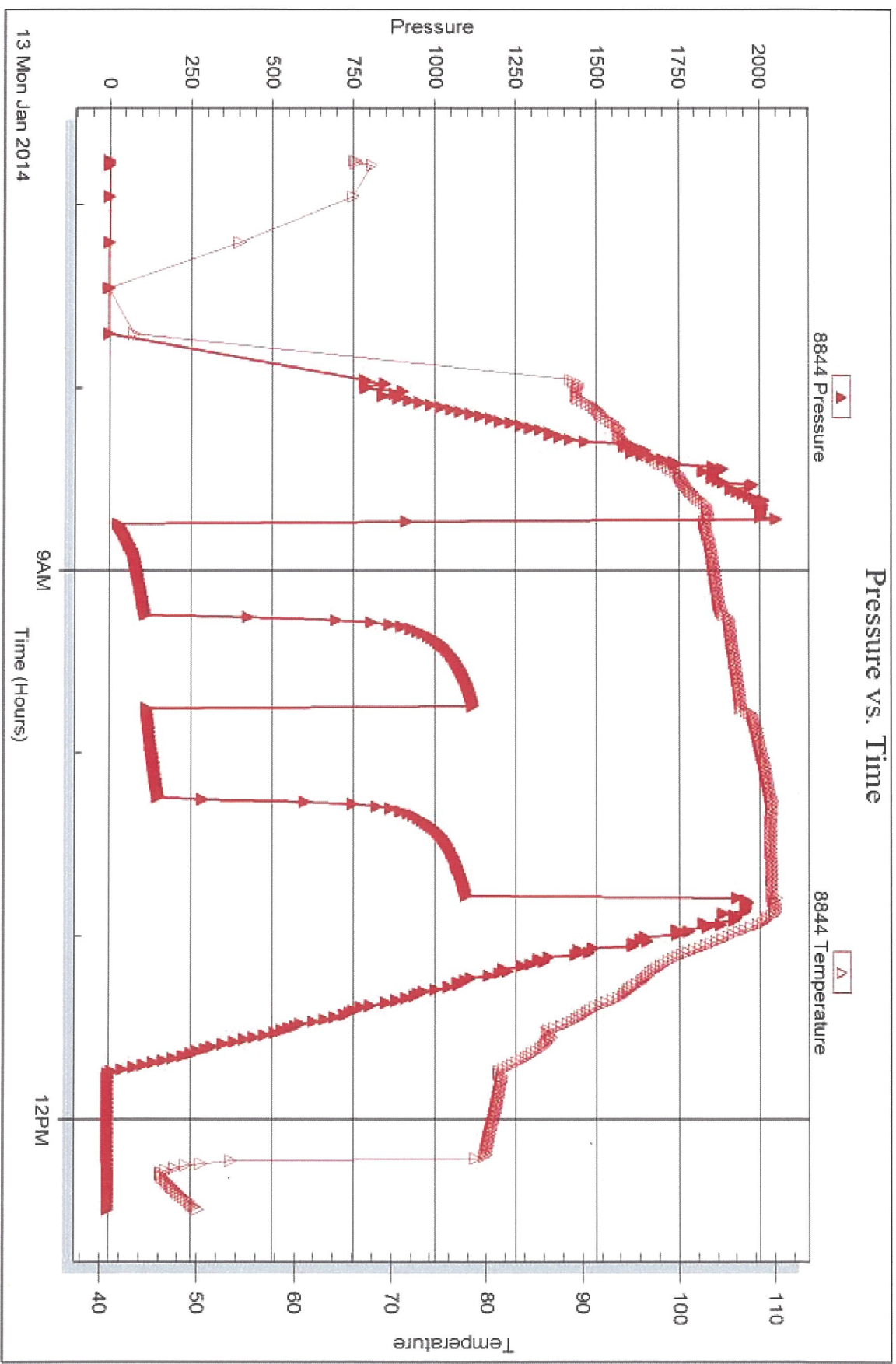
Printed: 2014.01.21 @ 11:43:57

Serial #: 8844

Outside Palomino Petroleum Inc

Johnson Baker #1

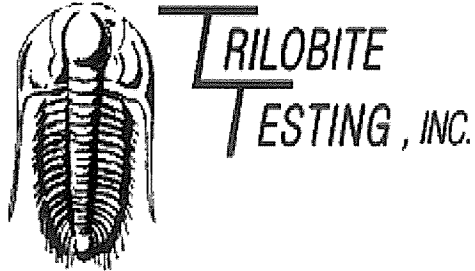
DST Test Number: 1



Tribolite Testing, Inc

Ref. No: 56609

Printed: 2014.01.21 @ 11:43:58



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114-8827

ATTN: Andrew Stenzel

**Johnson-Baker #1**

**5-17s-26w Ness,KS**

Start Date: 2014.01.13 @ 21:00:15

End Date: 2014.01.14 @ 02:58:00

Job Ticket #: 56610                      DST #: 2

Trilobite Testing, Inc

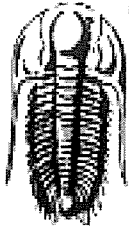
PO Box 362 Hays, KS 67601

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

Printed: 2014.01.21 @ 11:46:56

Palomino Petroleum Inc 5-17s-26w Ness,KS Johnson-Baker #1 DST # 2 LKC K-L 2014.01.13





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**5-17s-26w Ness, KS**  
**Johnson-Baker #1**  
 Job Ticket: 56610      **DST#: 2**  
 Test Start: 2014.01.13 @ 21:00:15

## GENERAL INFORMATION:

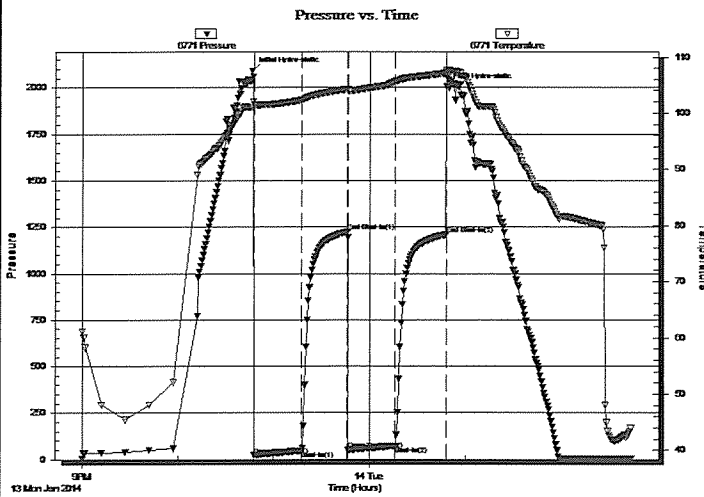
Formation: **LKC K-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:47:45  
 Time Test Ended: 02:58:00  
 Interval: **4184.00 ft (KB) To 4255.00 ft (KB) (TVD)**  
 Total Depth: 4255.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 4634.00 ft (KB)  
 4629.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6771

Inside

Press@RunDepth: 73.32 psig @ 4185.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.01.13 End Date: 2014.01.14 Last Calib.: 2014.01.14  
 Start Time: 21:00:15 End Time: 02:43:00 Time On Btm: 2014.01.13 @ 22:46:30  
 Time Off Btm: 2014.01.14 @ 00:47:45

TEST COMMENT: 2 1/4" blow  
 No return  
 1" blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.93	101.01	Initial Hydro-static
2	21.35	101.53	Open To Flow (1)
32	47.20	102.33	Shut-In(1)
60	1224.25	104.27	End Shut-In(1)
61	50.43	103.94	Open To Flow (2)
90	73.32	105.65	Shut-In(2)
121	1209.03	107.11	End Shut-In(2)
122	2003.71	107.61	Final Hydro-static

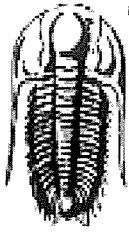
## Recovery

Length (ft)	Description	Volume (bbl)
90.00	mud 100%m	0.44

\* 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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
 Job Ticket: 56610      **DST#: 2**  
 Test Start: 2014.01.13 @ 21:00:15

**GENERAL INFORMATION:**

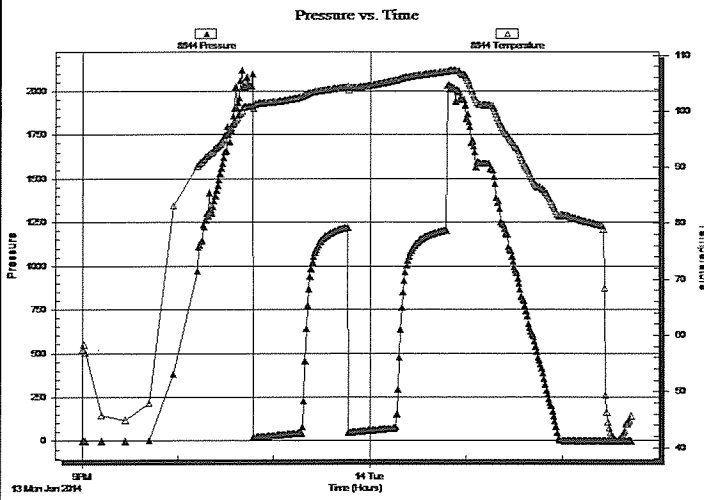
Formation: **LKC K-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:47:45  
 Time Test Ended: 02:58:00  
 Interval: **4184.00 ft (KB) To 4255.00 ft (KB) (TVD)**  
 Total Depth: 4255.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 4634.00 ft (KB)  
 4629.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8844**

Outside

Press@RunDepth: psig @ 4185.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.01.13      End Date: 2014.01.14      Last Calib.: 2014.01.14  
 Start Time: 21:00:15      End Time: 02:42:45      Time On Btm:  
 Time Off Btm:

TEST COMMENT: 2 1/4" blow  
 No return  
 1" blow  
 No return



**PRESSURE SUMMARY**

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

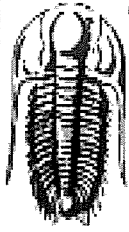
**Recovery**

Length (ft)	Description	Volume (bbl)
90.00	mud 100%m	0.44

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56610      **DST#: 2**  
Test Start: 2014.01.13 @ 21:00:15

### Tool Information

Drill Pipe:	Length: 4045.00 ft	Diameter: 3.80 inches	Volume: 56.74 bbl	Tool Weight: 2000.00 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: 78000.00 lb
			<b>Total Volume: 57.34 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4184.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	99.00 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			4157.00	
Shut In Tool	5.00			4162.00	
Hydraulic tool	5.00			4167.00	
Jars	5.00			4172.00	
Safety Joint	3.00			4175.00	
Packer	5.00			4180.00	28.00      Bottom Of Top Packer
Packer	4.00			4184.00	
Stubb	1.00			4185.00	
Recorder	0.00	6771	Inside	4185.00	
Recorder	0.00	8844	Outside	4185.00	
Perforations	31.00			4216.00	
Change Over Sub	1.00			4217.00	
Drill Pipe	32.00			4249.00	
Change Over Sub	1.00			4250.00	
Bullnose	5.00			4255.00	71.00      Bottom Packers & Anchor

**Total Tool Length: 99.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56610      **DST#: 2**  
Test Start: 2014.01.13 @ 21:00:15

## 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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	mud 100%m	0.443

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:



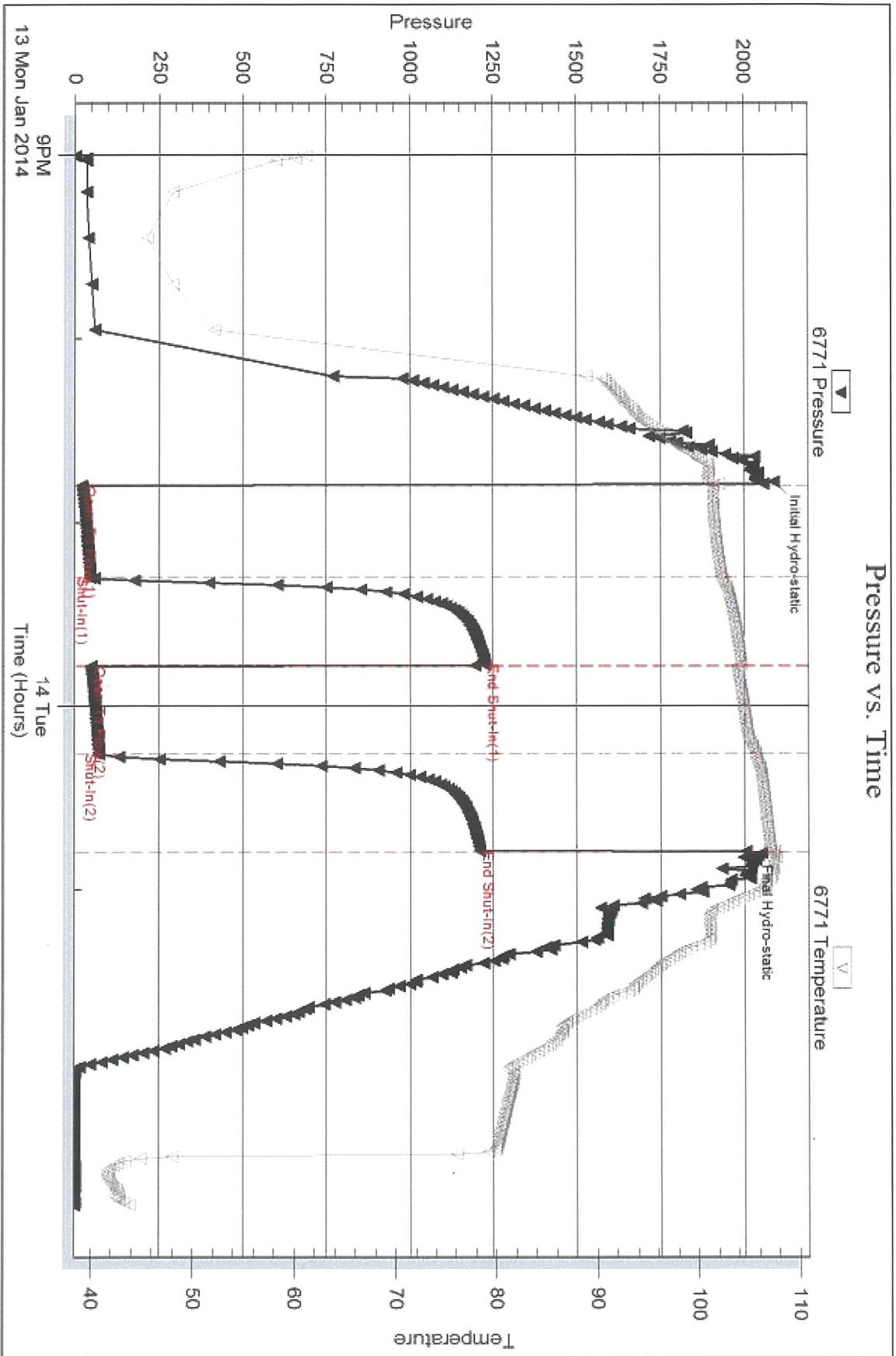
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56610

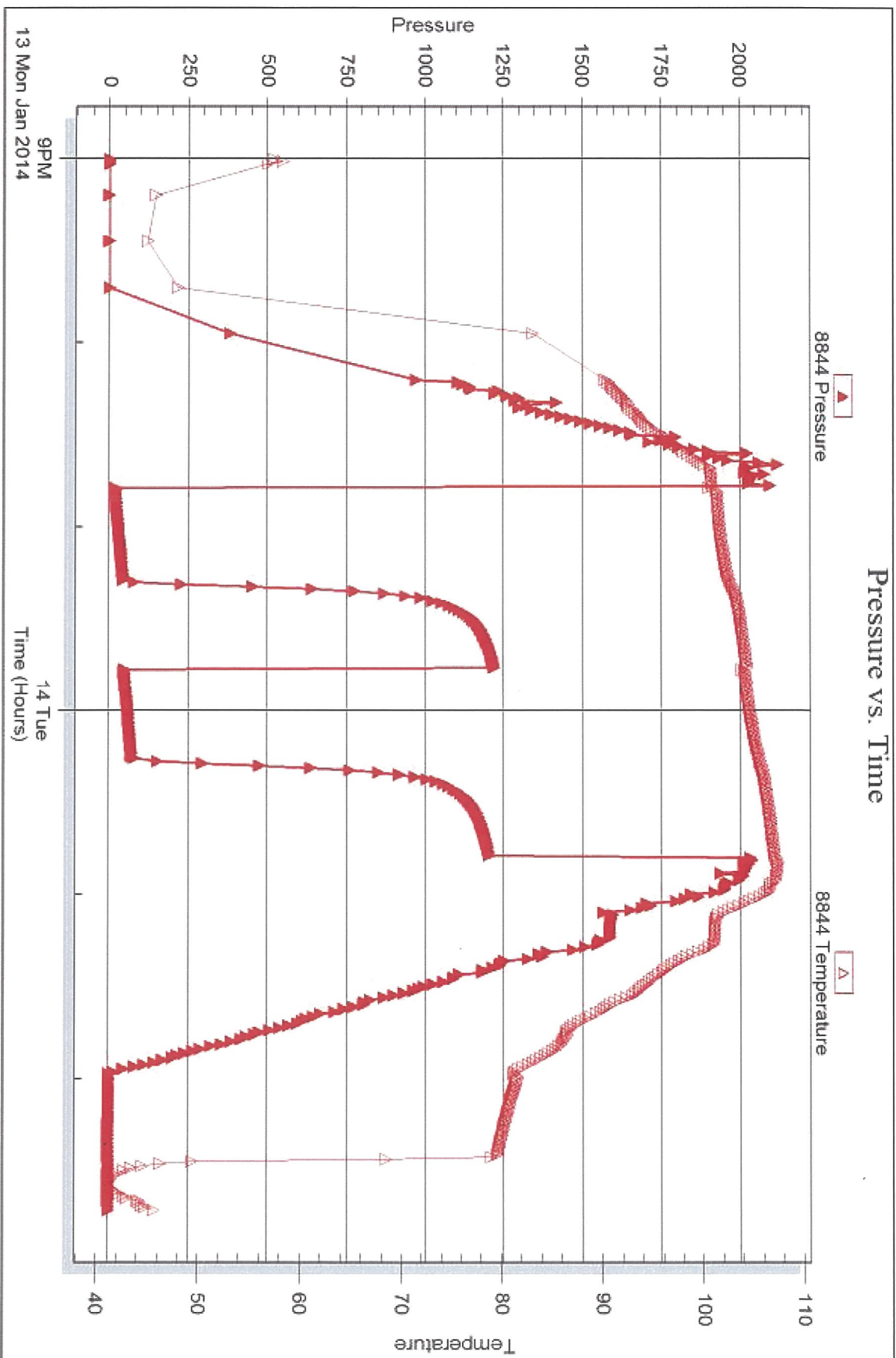
Printed: 2014.01.21 @ 11:46:58

Serial #: 8844

Outside Palomino Petroleum Inc

Johnson-Baker #1

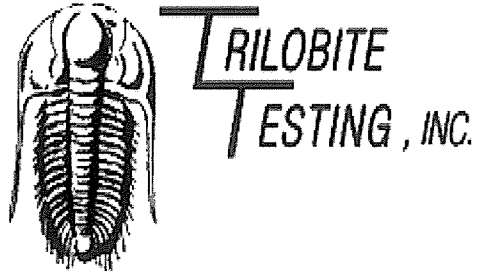
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56610

Printed: 2014.01.21 @ 11:46:58



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114-8827

ATTN: Andrew Stenzel

**Johnson-Baker #1**

**5-17s-26w Ness,KS**

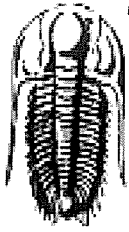
Start Date: 2014.01.14 @ 14:16:05

End Date: 2014.01.14 @ 20:50:05

Job Ticket #: 56611                      DST #: 3

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

Printed: 2014.01.21 @ 11:46:30



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
 Job Ticket: 56611      **DST#: 3**  
 Test Start: 2014.01.14 @ 14:16:05

## GENERAL INFORMATION:

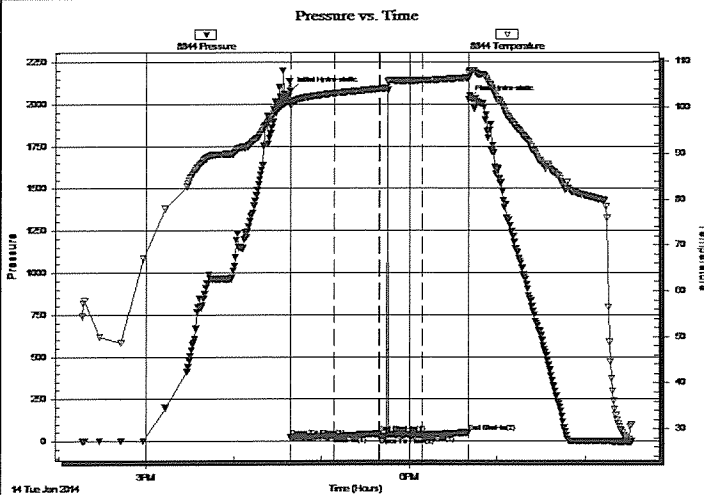
Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:38:50  
 Time Test Ended: 20:50:05  
 Interval: **4236.00 ft (KB) To 4385.00 ft (KB) (TVD)**  
 Total Depth: 4385.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 4634.00 ft (KB)  
 4629.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8844

Outside

Press@RunDepth: 36.81 psig @ 4247.00 ft (KB)  
 Start Date: 2014.01.14      End Date: 2014.01.14  
 Start Time: 14:16:05      End Time: 20:32:05  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.01.14  
 Time On Btm: 2014.01.14 @ 16:38:20  
 Time Off Btm: 2014.01.14 @ 18:40:35

TEST COMMENT: 3/4" blow died back to 1/4"  
 No return  
 No blow, flush tool after 5 min., good surge, no blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.23	100.99	Initial Hydro-static
1	22.69	100.50	Open To Flow (1)
31	27.29	103.02	Shut-In(1)
61	43.91	104.00	End Shut-In(1)
61	26.10	104.01	Open To Flow (2)
91	36.81	105.86	Shut-In(2)
122	50.58	106.44	End Shut-In(2)
123	2027.27	107.51	Final Hydro-static

## Recovery

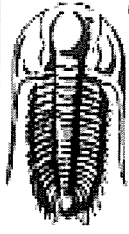
Length (ft)	Description	Volume (bbl)
10.00	mud 100% <sup>m</sup>	0.05

\* 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

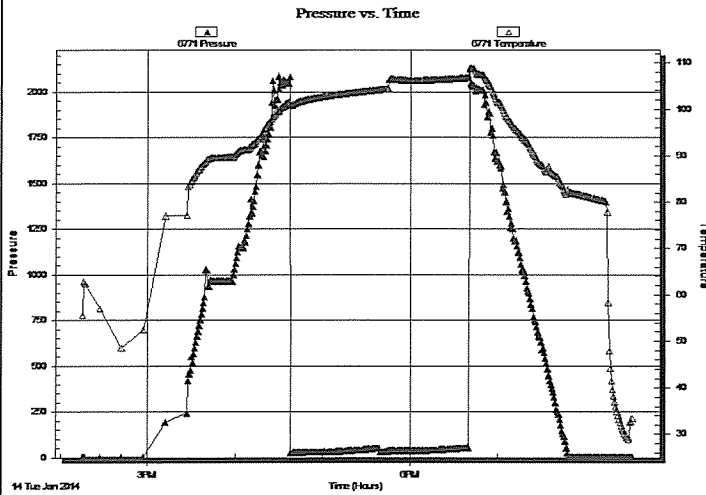
5-17s-26w Ness, KS  
**Johnson-Baker #1**  
 Job Ticket: 56611 DST#: 3  
 Test Start: 2014.01.14 @ 14:16:05

### GENERAL INFORMATION:

Formation: <b>Marmaton</b>	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Shane McBride
Time Tool Opened: 16:38:50	Unit No: 55
Time Test Ended: 20:50:05	Reference Elevations: 4634.00 ft (KB)
<b>Interval: 4236.00 ft (KB) To 4385.00 ft (KB) (TVD)</b>	4629.00 ft (CF)
Total Depth: 4385.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

<b>Serial #: 6771</b> Inside		
Press@RunDepth: psig @ 4247.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2014.01.14 End Date: 2014.01.14	Last Calib.: 2014.01.14	
Start Time: 14:15:23 End Time: 20:31:38	Time On Btm:	
	Time Off Btm:	

TEST COMMENT: 3/4" blow died back to 1/4"  
 No return  
 No blow, flush tool after 5 min., good surge, no blow  
 No return



### PRESSURE SUMMARY

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

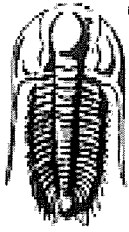
### Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.05

\* 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 67114-8827  
ATTN: Andrew Stenzel

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56611      **DST#: 3**  
Test Start: 2014.01.14 @ 14:16:05

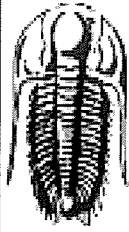
### Tool Information

Drill Pipe:	Length: 4109.00 ft	Diameter: 3.80 inches	Volume: 57.64 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: 80000.00 lb
			<u>Total Volume: 58.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4246.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	139.00 ft			
Tool Length:	167.00 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			4219.00	
Shut In Tool	5.00			4224.00	
Hydraulic tool	5.00			4229.00	
Jars	5.00			4234.00	
Safety Joint	3.00			4237.00	
Packer	5.00			4242.00	28.00      Bottom Of Top Packer
Packer	4.00			4246.00	
Stubb	1.00			4247.00	
Recorder	0.00	6771	Inside	4247.00	
Recorder	0.00	8844	Outside	4247.00	
Perforations	7.00			4254.00	
Change Over Sub	1.00			4255.00	
Drill Pipe	124.00			4379.00	
Change Over Sub	1.00			4380.00	
Bullnose	5.00			4385.00	139.00      Bottom Packers & Anchor

**Total Tool Length: 167.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56611      **DST#: 3**  
Test Start: 2014.01.14 @ 14:16:05

## 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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.18 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4200.00 ppm				
Filter Cake:	1.00 inches				

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

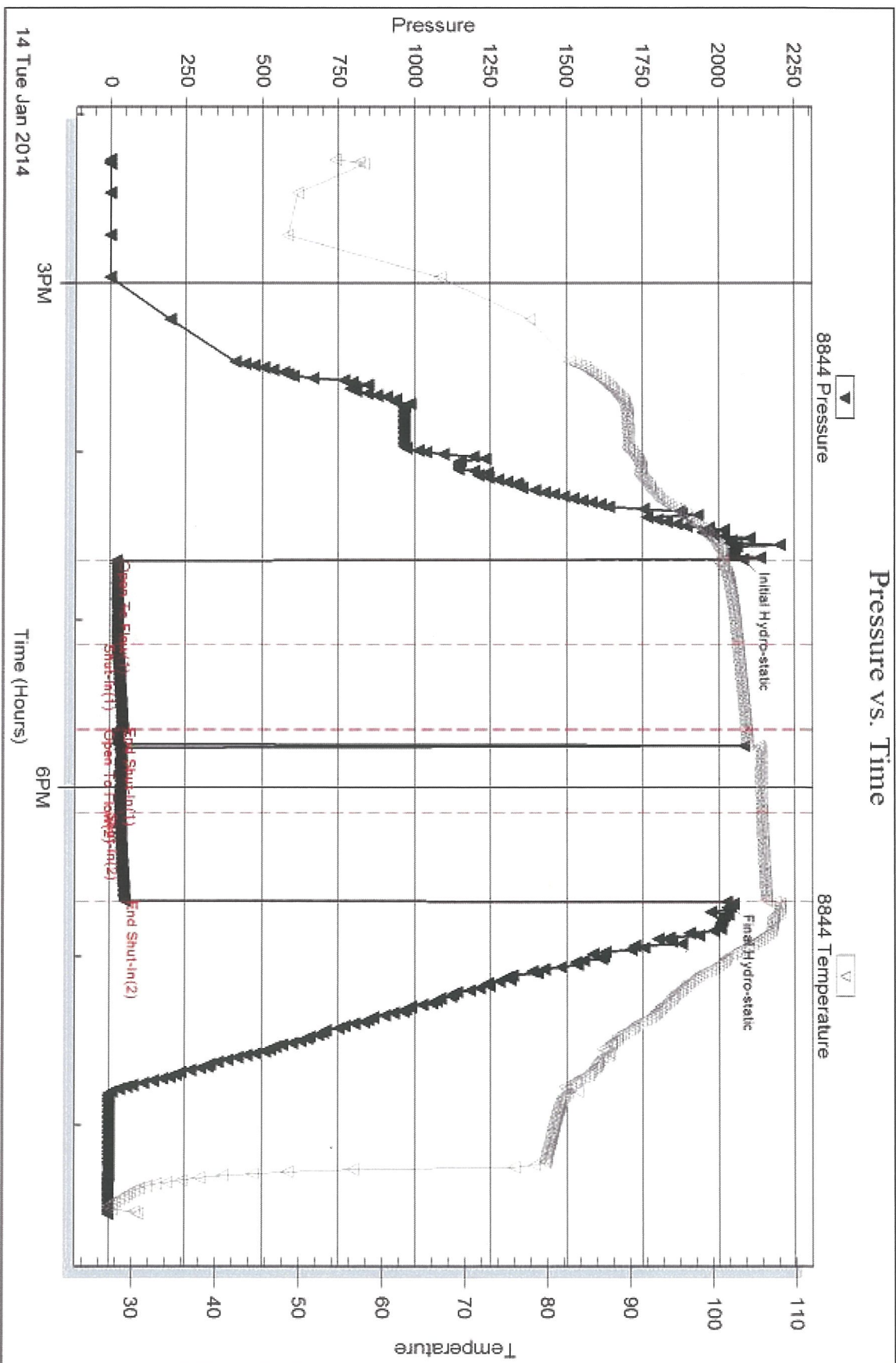
Serial #: 8844

Outside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 3



Tribotite Testing, Inc

Ref. No: 56611

Printed: 2014.01.21 @ 11:46:32

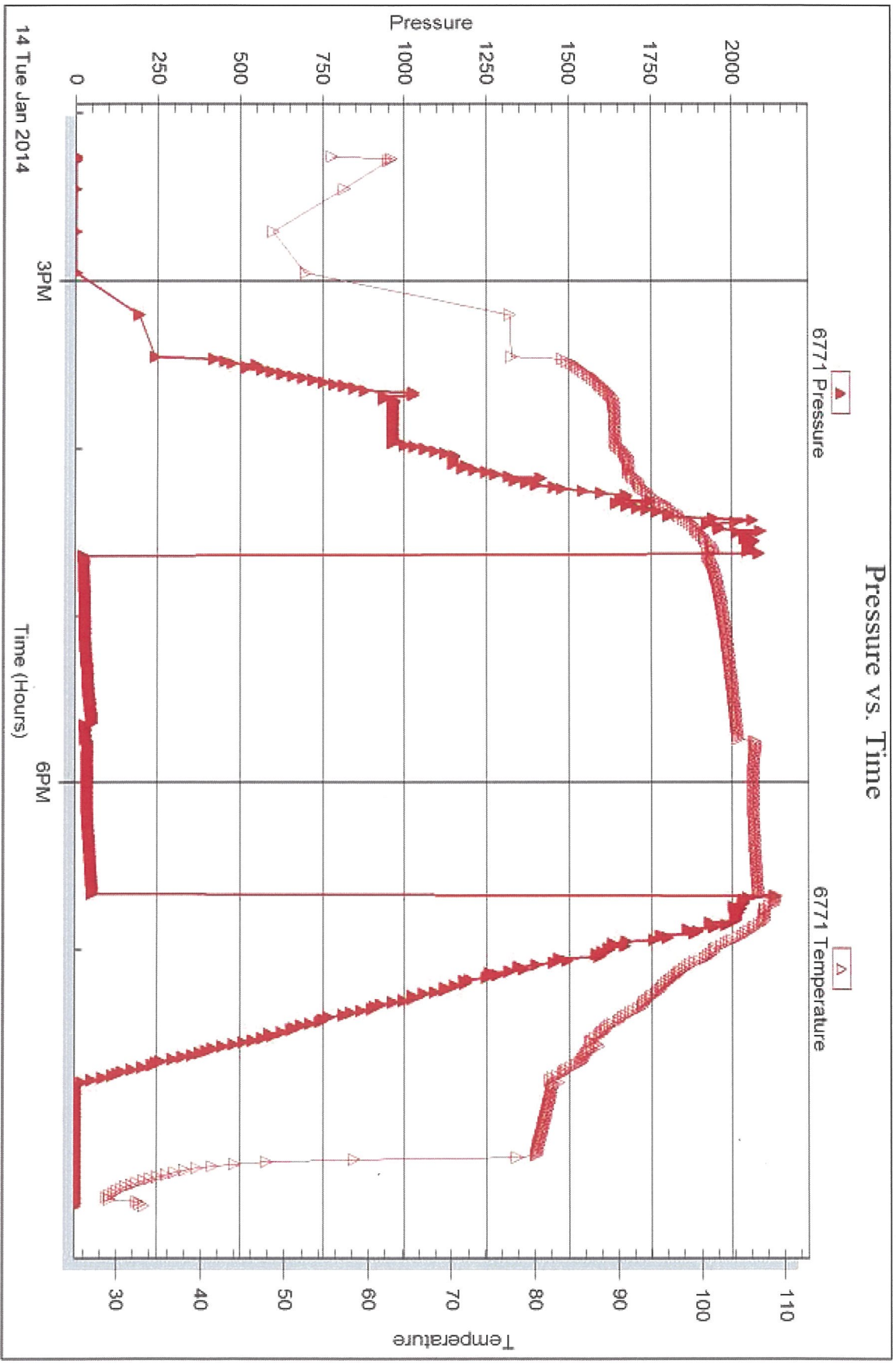
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

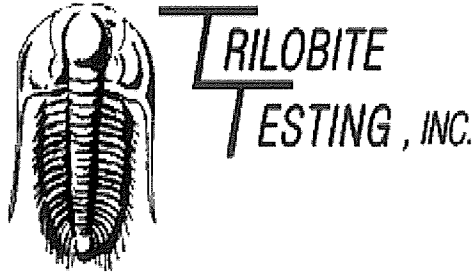
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 56611

Printed: 2014.01.21 @ 11:46:32



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114-8827

ATTN: Andrew Stenzel

### **Johnson-Baker #1**

### **5-17s-26w Ness,KS**

Start Date: 2014.01.15 @ 16:45:42

End Date: 2014.01.15 @ 23:09:42

Job Ticket #: 56612                      DST #: 4

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

Printed: 2014.01.21 @ 11:46:01

Palomino Petroleum Inc

5-17s-26w Ness,KS

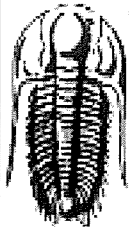
Johnson-Baker #1

DST # 4

Ft Scott - Cherokee

2014.01.15





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**5-17s-26w Ness, KS**  
**Johnson-Baker #1**  
Job Ticket: 56612      **DST#: 4**  
Test Start: 2014.01.15 @ 16:45:42

## GENERAL INFORMATION:

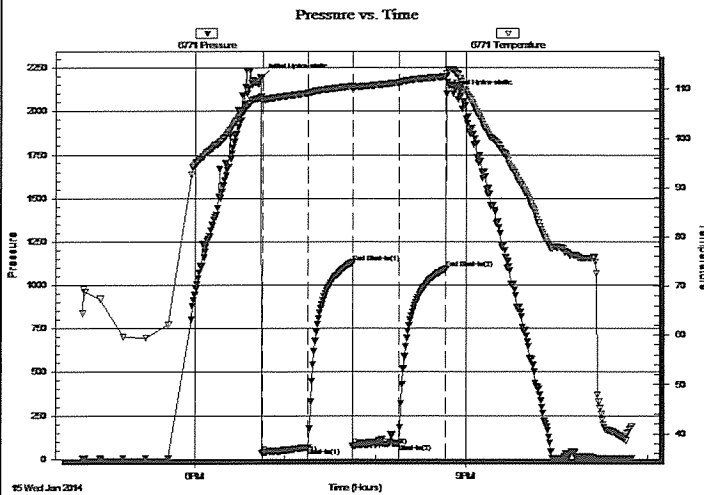
Formation: **Ft Scott - Cherokee**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 18:44:42  
Time Test Ended: 23:09:42  
Interval: **4425.00 ft (KB) To 4598.00 ft (KB) (TVD)**  
Total Depth: 4598.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Shane McBride  
Unit No: 55  
Reference Elevations: 4634.00 ft (KB)  
4629.00 ft (CF)  
KB to GR/CF: 5.00 ft

## Serial #: 6771

Inside

Press@RunDepth: 88.75 psig @ 4426.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.01.15      End Date: 2014.01.15      Last Calib.: 2014.01.15  
Start Time: 16:45:42      End Time: 22:49:42      Time On Btm: 2014.01.15 @ 18:44:12  
Time Off Btm: 2014.01.15 @ 20:46:57

TEST COMMENT: 2". blow  
No return  
1/2"+ blow  
No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.83	108.41	Initial Hydro-static
1	32.01	108.02	Open To Flow (1)
32	66.34	109.19	Shut-In(1)
61	1129.97	110.56	End Shut-In(1)
61	75.67	109.92	Open To Flow (2)
92	88.75	111.34	Shut-In(2)
123	1095.11	112.56	End Shut-In(2)
123	2098.91	113.24	Final Hydro-static

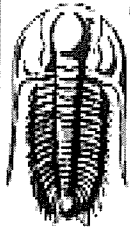
## Recovery

Length (ft)	Description	Volume (bbl)
135.00	mud w/oil spots 100%m	0.77
0.00	show of free oil on top 6" in	0.00

\* 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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56612      **DST#: 4**  
Test Start: 2014.01.15 @ 16:45:42

### GENERAL INFORMATION:

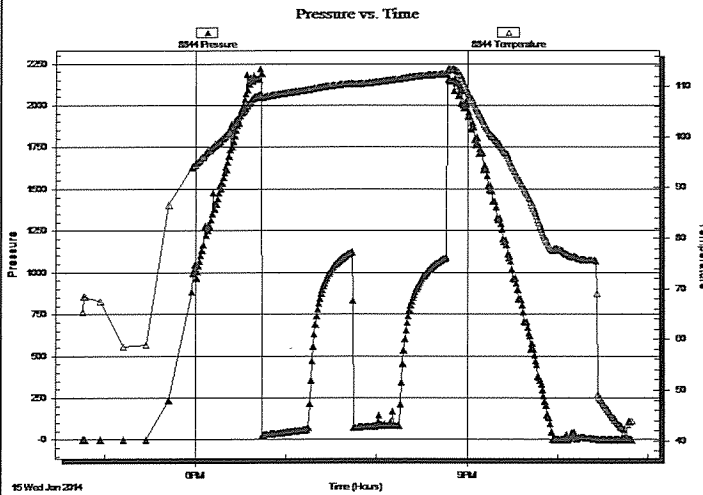
Formation: **Ft Scott - Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:44:42  
 Time Test Ended: 23:09:42  
 Interval: **4425.00 ft (KB) To 4598.00 ft (KB) (TVD)**  
 Total Depth: 4598.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 4634.00 ft (KB)  
 4629.00 ft (CF)  
 KB to GR/CF: 5.00 ft

### Serial #: 8844

Outside

Press@RunDepth: psig @ 4426.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.01.15      End Date: 2014.01.15      Last Calib.: 2014.01.15  
 Start Time: 16:45:28      End Time: 22:49:13      Time On Btm:  
 Time Off Btm:

TEST COMMENT: 2" blow  
 No return  
 1/2"+ blow  
 No return



### PRESSURE SUMMARY

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

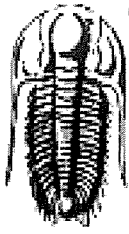
### Recovery

Length (ft)	Description	Volume (bbl)
135.00	mud w/oil spots 100%m	0.77
0.00	show of free oil on top 6" in	0.00

### Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56612      **DST#: 4**  
Test Start: 2014.01.15 @ 16:45:42

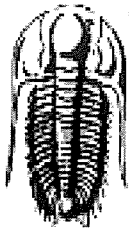
**Tool Information**

Drill Pipe:	Length: 4300.00 ft	Diameter: 3.80 inches	Volume: 60.32 bbl	Tool Weight: 3000.00 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: 60.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4425.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	173.00 ft			
Tool Length:	201.00 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			4398.00	
Shut In Tool	5.00			4403.00	
Hydraulic tool	5.00			4408.00	
Jars	5.00			4413.00	
Safety Joint	3.00			4416.00	
Packer	5.00			4421.00	28.00      Bottom Of Top Packer
Packer	4.00			4425.00	
Stubb	1.00			4426.00	
Recorder	0.00	6771	Inside	4426.00	
Recorder	0.00	8844	Outside	4426.00	
Perforations	11.00			4437.00	
Change Over Sub	1.00			4438.00	
Drill Pipe	154.00			4592.00	
Change Over Sub	1.00			4593.00	
Bullnose	5.00			4598.00	173.00      Bottom Packers & Anchor

**Total Tool Length: 201.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**5-17s-26w Ness,KS**  
**Johnson-Baker #1**  
Job Ticket: 56612      **DST#: 4**  
Test Start: 2014.01.15 @ 16:45:42

## 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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	mud w/oil spots 100%m	0.773
0.00	show of free oil on top 6" in	0.000

Total Length: 135.00 ft      Total Volume: 0.773 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

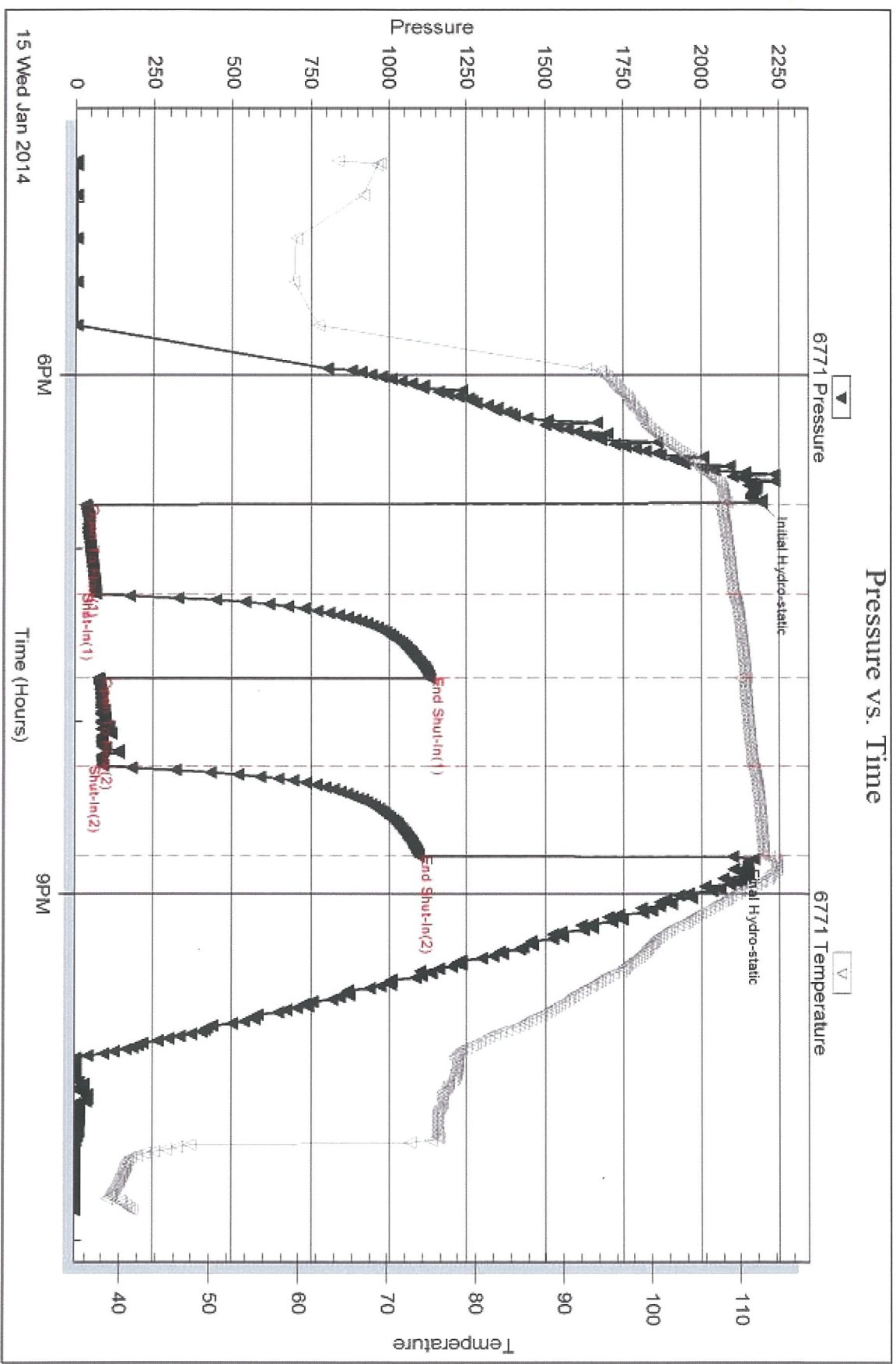
Inside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 4

### Pressure vs. Time



Tribolite Testing, Inc

Ref. No: 56612

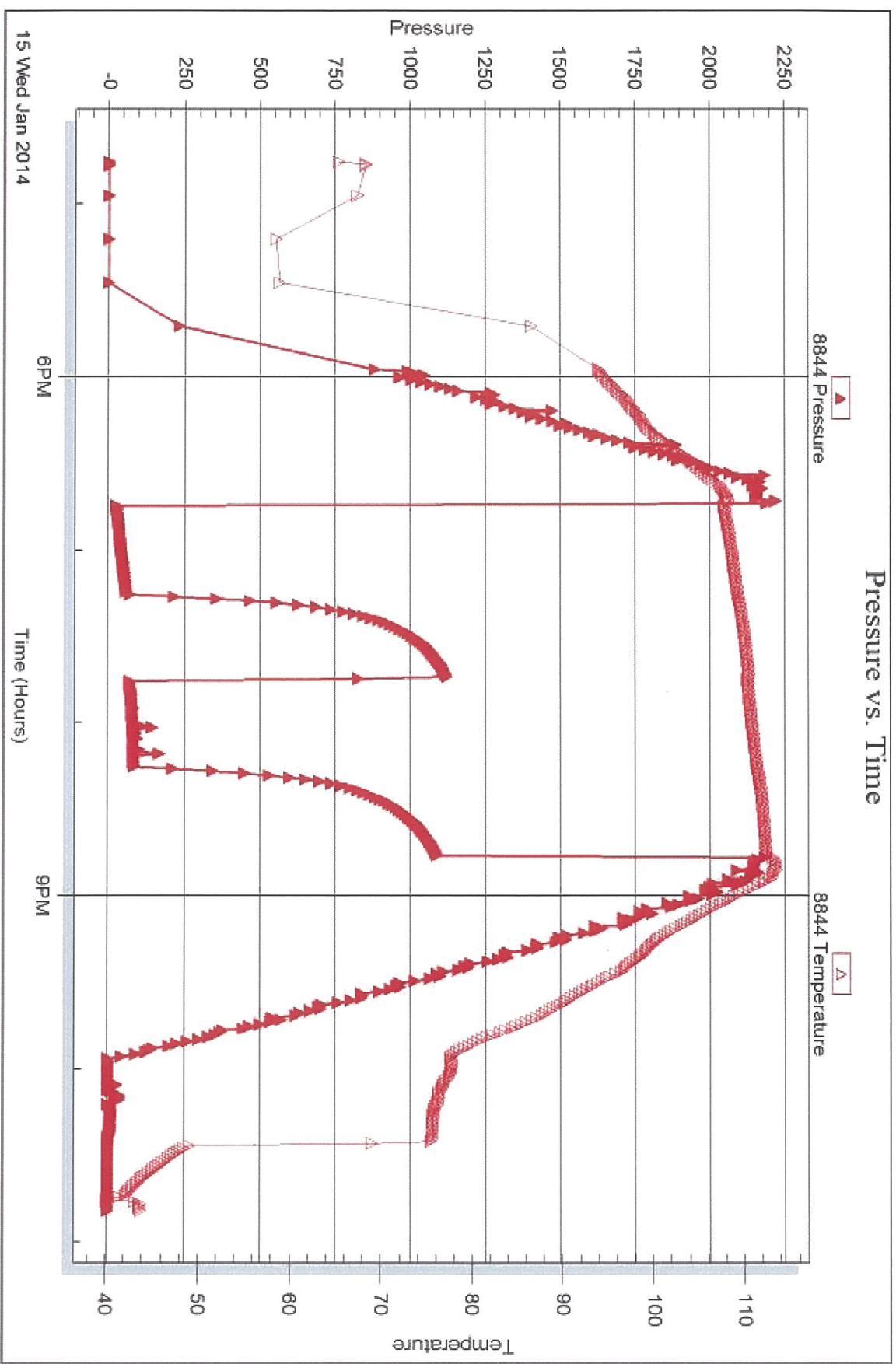
Printed: 2014.01.21 @ 11:46:03

Serial #: 8844

Outside Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 4

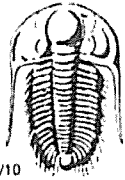


Tribble Testing, Inc

Ref. No: 56612

Printed: 2014.01.21 @ 11:46:03





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56609

4/10

Well Name & No. Johnson - Baker #1 Test No. #1 Date 1-13-14  
 Company Palomiro Petroleum Inc. Elevation 4634 KB 4629 GL  
 Address 1924 SE B4<sup>th</sup> St Newton, Ks 67114-8827  
 Co. Rep / Geo. Andrew Stencel Rig WW #10  
 Location: Sec. 5 Twp. 17 Rge. 26 Co. Ne55 State Ks

Interval Tested 4070 4187 Zone Tested H, I, J  
 Anchor Length 117 Drill Pipe Run 3949' Mud Wt. 9.3  
 Top Packer Depth 4065 Drill Collars Run 123' Vis 53  
 Bottom Packer Depth 4070 Wt. Pipe Run --- WL 4.0  
 Total Depth 4187 Chlorides 2300 ppm System LCM #2

Blow Description 10" in blow  
No return  
7" in blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Feet of wcm</u>		<u>35</u>	<u>65</u>	
<u>60</u>	<u>Feet of mcw</u>		<u>50</u>	<u>50</u>	
<u>123</u>	<u>Feet of mcw</u>		<u>80</u>	<u>20</u>	

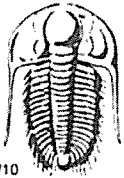
Rec Total 283' BHT 110° Gravity --- API RW .410 @ 40° F Chlorides 28,500 ppm

(A) Initial Hydrostatic 2020  Test 1250 T-On Location 05:46  
 (B) First Initial Flow 602  Jars 250 T-Started 06:45  
 (C) First Final Flow 118  Safety Joint 75 T-Open 08:43  
 (D) Initial Shut-In 1122  Circ Sub N/C T-Pulled 10:43  
 (E) Second Initial Flow 146  Hourly Standby \_\_\_\_\_ T-Out 12:45  
 (F) Second Final Flow 157  Mileage 100 RT 155 Comments \_\_\_\_\_  
 (G) Final Shut-In 1100  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1942  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 1730  
 Final Shut-In 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1730

Approved By \_\_\_\_\_ Our Representative [Signature]

Triobite 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. 56610

Well Name & No. Johnson Baker #1 Test No. #2 Date 1/14/14  
 Company Palomino Petroleum Elevation 4634 KB 4629 GL  
 Address 4924 SE 84<sup>th</sup> St. Newton, KS 67114-8827  
 Co. Rep / Geo. Andrew Stencel Rig WW #10  
 Location: Sec. 5 Twp. 17 Rge. 26 Co. Ness State Ks

Interval Tested 4184 4255 Zone Tested K-L  
 Anchor Length 71 Drill Pipe Run 4045 Mud Wt. 9.2  
 Top Packer Depth 4179 Drill Collars Run 123' Vis 45  
 Bottom Packer Depth 4184 Wt. Pipe Run — WL 6.0  
 Total Depth 4255 Chlorides 2400 ppm System LCM #2

Blow Description 2 1/4" in blow  
No return  
1" in blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>4 mud</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

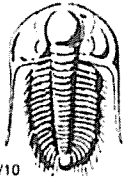
Rec Total 90' BHT 107° Gravity — API RW —@ — °F Chlorides — ppm

(A) Initial Hydrostatic 2090  Test 1250 T-On Location 19:30  
 (B) First Initial Flow 21  Jars 250 T-Started 21:00  
 (C) First Final Flow 47  Safety Joint 75 T-Open 22:45  
 (D) Initial Shut-In 1224  Circ Sub N/C T-Pulled 00:45  
 (E) Second Initial Flow 50  Hourly Standby T-Out —  
 (F) Second Final Flow 73  Mileage 100 RT 155 Comments —  
 (G) Final Shut-In 1209  Sampler —  
 (H) Final Hydrostatic 2003  Straddle —  Ruined Shale Packer —  
 Shale Packer —  Ruined Packer —  
 Extra Packer —  Extra Copies —  
 Extra Recorder — Sub Total 0  
 Day Standby — Total 1730  
 Accessibility — MP/DST Disc't —

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 1730

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. 56611

Well Name & No. Johnson Baker #1 Test No. #3 Date 1/14/14  
 Company Palomira Petroleum Elevation 4634 KB 4629 GL  
 Address 4924 SE. 84th St, Newton, KS 67114-8827  
 Co. Rep / Geo. Andrew Stencel Rig WW #10  
 Location: Sec. 5 Twp. 17 Rge. 24 Co. Miss State Ks

Interval Tested 4246 4385 Zone Tested \_\_\_\_\_  
 Anchor Length 139 Drill Pipe Run 4109 Mud Wt. 9.3  
 Top Packer Depth 4241 Drill Collars Run 123 Vis 48  
 Bottom Packer Depth 4246 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4385 Chlorides 4200 ppm System LCM #1

Blow Description 3/4" blow, died back to a 1/4" in.  
No return  
No blow, Flush Tool After 5 min, Good Surge, No blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</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

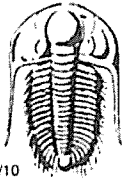
Rec Total 10' BHT 107° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2081  Test 1250 T-On Location 13:45  
 (B) First Initial Flow 22  Jars 250 T-Started 14:15  
 (C) First Final Flow 27  Safety Joint 75 T-Open 16:38  
 (D) Initial Shut-In 43  Circ Sub N/C T-Pulled 18:38  
 (E) Second Initial Flow 24  Hourly Standby \_\_\_\_\_ T-Out 20:50  
 (F) Second Final Flow 36  Mileage 100 RT 155 Comments \_\_\_\_\_  
 (G) Final Shut-In 50  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2027  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 1730  
 Final Shut-In 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1730

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. 56612

Well Name & No. Johnson Baker #1 Test No. #4 Date 1/15/14  
 Company Palomina Petroleum Elevation 4634 KB 4629 GL  
 Address 4924 SE. 8th St. Newton, KS 67114-8827  
 Co. Rep / Geo. Andrew Samuel Rig WW #10  
 Location: Sec. 5 Twp. 17 Rge. 26 Co. Neos State Ks

Interval Tested 4425 4398 Zone Tested FSuff - Cherokee sand  
 Anchor Length 173 Drill Pipe Run 4300 Mud Wt. 9.3  
 Top Packer Depth 4420 Drill Collars Run 123' Vis 45  
 Bottom Packer Depth 4425 Wt. Pipe Run          WL 6.0  
 Total Depth 4598 Chlorides 2400 ppm System LCM #1

Blow Description 2" in blow  
No return  
1/2" inch + blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
	<u>6" in of free oil on top</u>				
Rec <u>135'</u>	Feet of <u>mud w/oil spots</u>	%gas <u>Spot</u>	%oil <u>5</u>	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 135' BHT 113° Gravity          API RW          @          °F Chlorides          ppm

(A) Initial Hydrostatic 2193  Test 1250 T-On Location 16:00  
 (B) First Initial Flow 32  Jars 250 T-Started 16:45  
 (C) First Final Flow 66  Safety Joint 75 T-Open 18:45  
 (D) Initial Shut-In 1129  Circ Sub N/C T-Pulled 20:45  
 (E) Second Initial Flow 7.5  Hourly Standby          T-Out           
 (F) Second Final Flow 88  Mileage 100 RT 310 Comments           
 (G) Final Shut-In 109.5  Sampler          loaded tools 1/16 12:30  
 (H) Final Hydrostatic 2098  Straddle           Ruined Shale Packer           
 Shale Packer           Ruined Packer         

Initial Open 30  Extra Packer           Extra Copies           
 Initial Shut-In 30  Extra Recorder          Sub Total 0  
 Final Flow 30  Day Standby          Total 1885  
 Final Shut-In 30  Accessibility          MP/DST Disc't         

Sub Total 1885 Our Representative [Signature]

Approved By           
 Trilobite Testing Inc. shall not be liable for damaged or 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.