



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1197656
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1197656

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

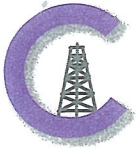
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Johnson-Baker 1
Doc ID	1197656

Tops

Name	Top	Datum
Anhy.	2021	(+ 613)
Base Anhy.	2055	(+ 579)
Heebner	3896	(-1262)
Lansing	3937	(-1303)
BKC	4252	(-1618)
Marmaton	4301	(-1667)
Ft. Scott	4450	(-1816)
Cherokee Sh.	4273	(-1839)
Cherokee Sd.	4532	(-1898)
Miss.	4618	(-1984)
LTD	4701	(-2067)



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 _____

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



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 #	DRIVER	TRUCK #	DRIVER
				57	Travis W		
				693	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 _____

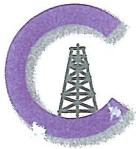
REMARKS: Safety meeting & rig up on WW 10 plug as ordered w/ 270 sks 60/40 poz
4% gel 1/4" flo seal per sk.
50 sks @ 2090'
80 sks @ 1250'
40 sks @ 620'
50 sks @ 240'
20 sks @ 60' w/ wooden 8 5/8 plug
30 sks Rh

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		ZIP CODE		TRUCK #		DRIVER
				399		mike E
				460		Steven D
						Jeff K. Ride along

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 ✓
		7.15 SALES TAX		230.46 ✓
		ESTIMATED TOTAL		5082.00 ✓

completed

Ravin 9737

AUTHORIZATION

[Signature]

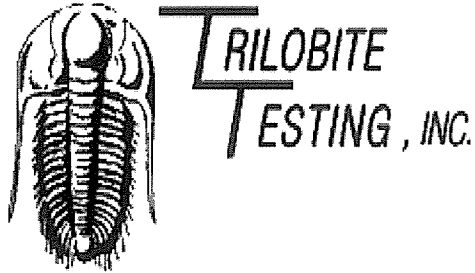
TITLE

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

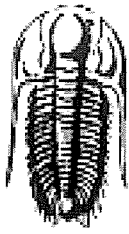
5-17s-26w Ness,KS

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

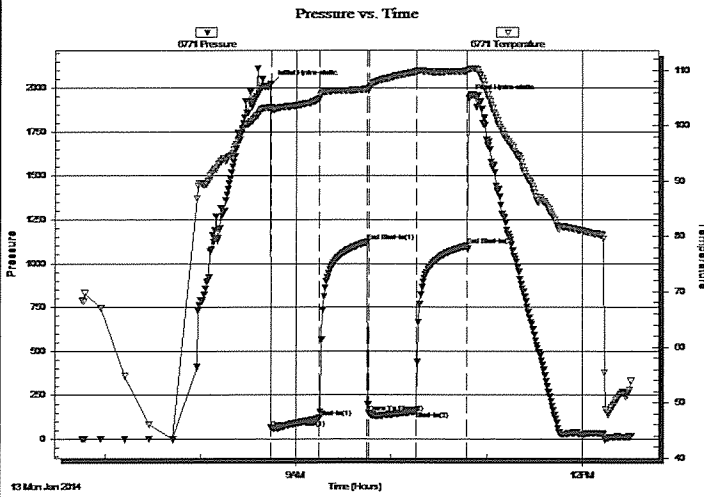
5-17s-26w Ness, KS
Johnson-Baker #1
 Job Ticket: 56609 **DST#: 1**
 Test Start: 2014.01.13 @ 06:45:43

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

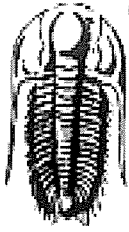
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.88	103.34	Initial Hydro-static
1	62.40	102.69	Open To Flow (1)
31	118.84	104.85	Shut-In(1)
61	1122.15	106.57	End Shut-In(1)
62	146.33	106.47	Open To Flow (2)
92	157.04	109.68	Shut-In(2)
124	1100.50	109.81	End Shut-In(2)
125	1942.02	110.15	Final 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

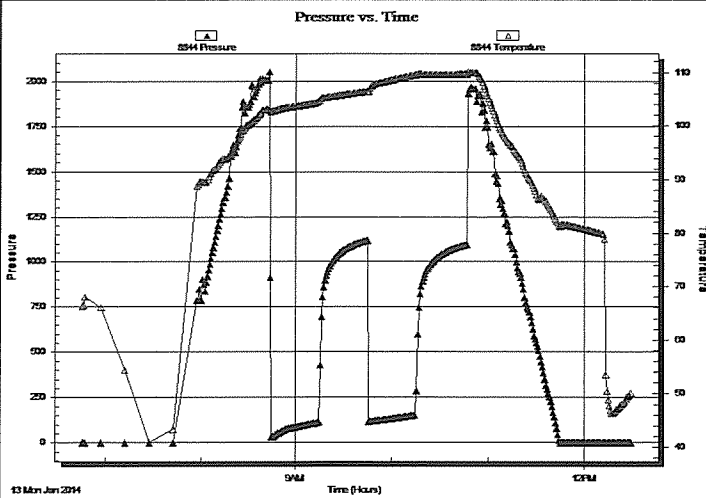
5-17s-26w Ness,KS
Johnson-Baker #1
 Job Ticket: 56609 **DST#: 1**
 Test Start: 2014.01.13 @ 06:45:43

GENERAL INFORMATION:

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

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

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



PRESSURE SUMMARY

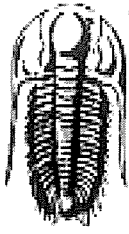
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

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

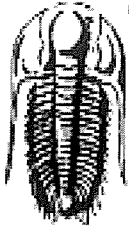
Tool Information

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
			Total Volume: 55.99 bbl	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 ³	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

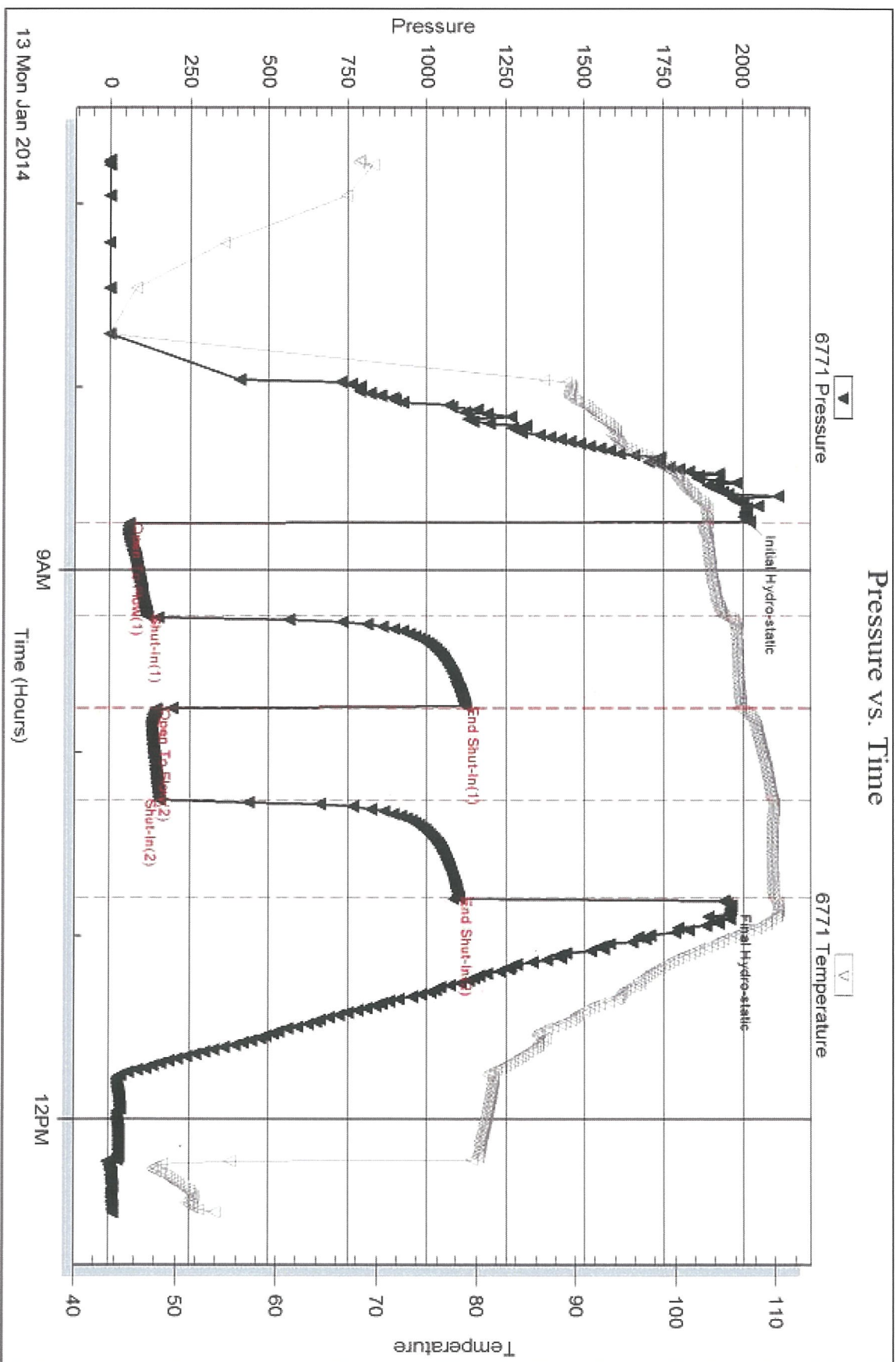
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

OST Test Number: 1



Triobite Testing, Inc

Ref. No: 56609

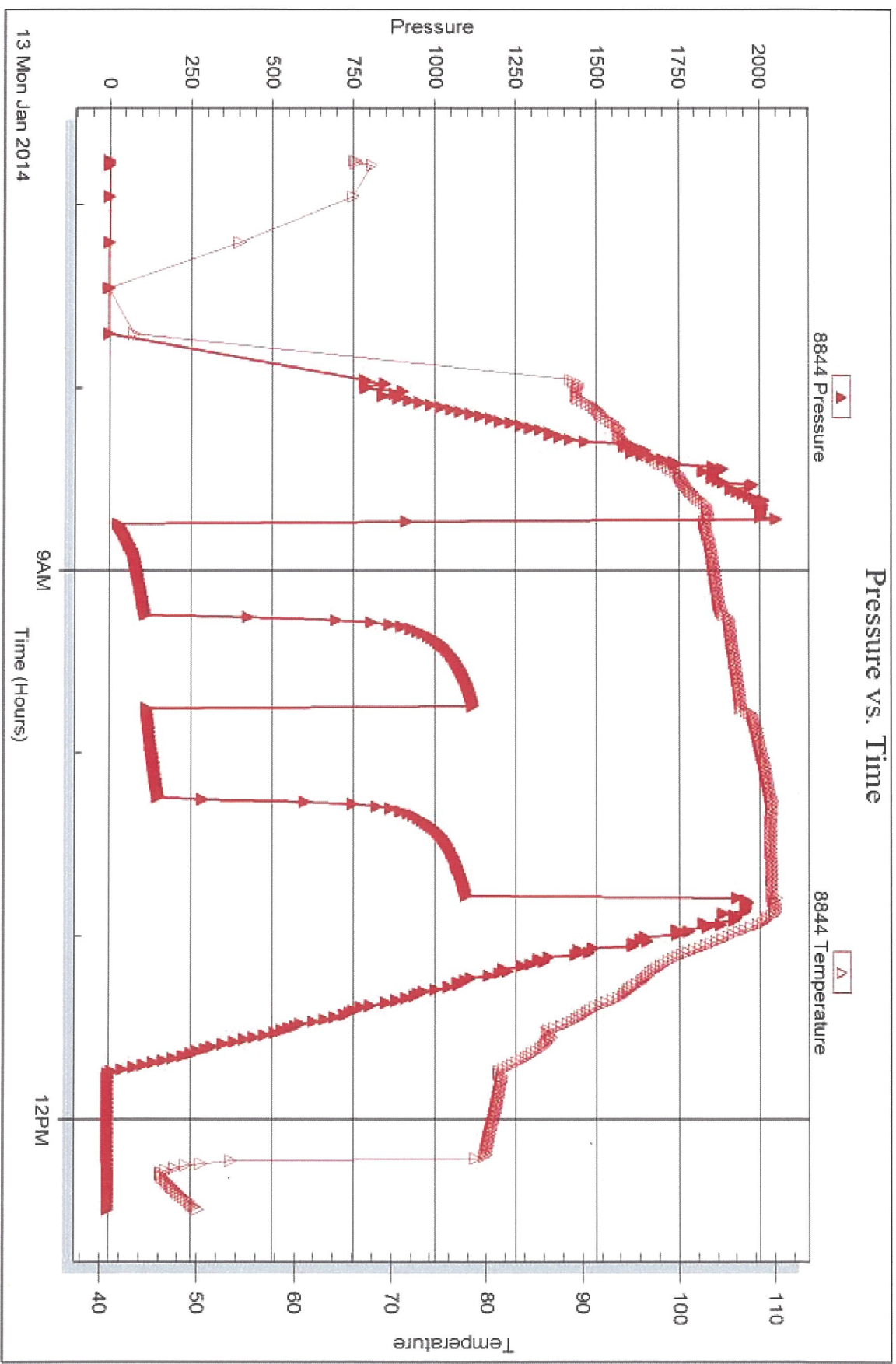
Printed: 2014.01.21 @ 11:43:57

Serial #: 8844

Outside Palomino Petroleum Inc

Johnson Baker #1

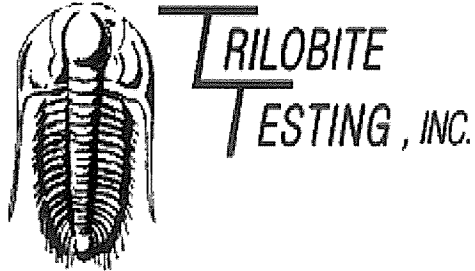
DST Test Number: 1



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

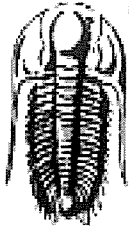
Trilobite Testing, Inc

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:

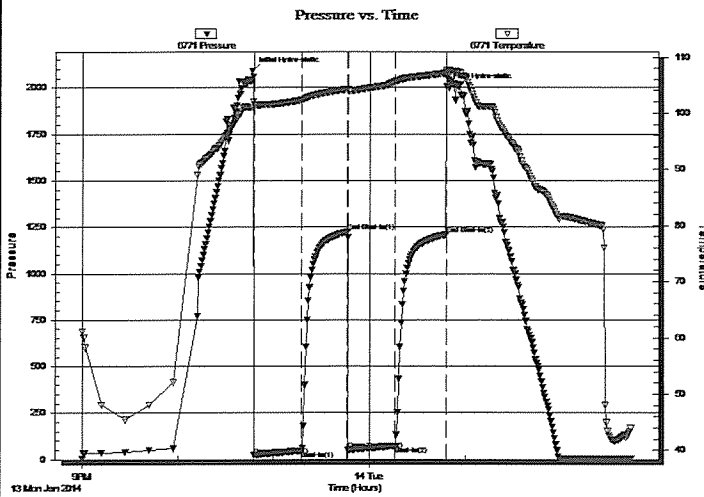
Formation: **LKC K-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:47:45
 Time Test Ended: 02:58:00
 Interval: **4184.00 ft (KB) To 4255.00 ft (KB) (TVD)**
 Total Depth: 4255.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: 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

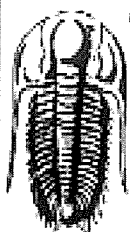
Recovery

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

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

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

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)

Start Date: 2014.01.13

End Date: 2014.01.14

Capacity: 8000.00 psig

Last Calib.: 2014.01.14

Start Time: 21:00:15

End Time: 02:42:45

Time On Btm:

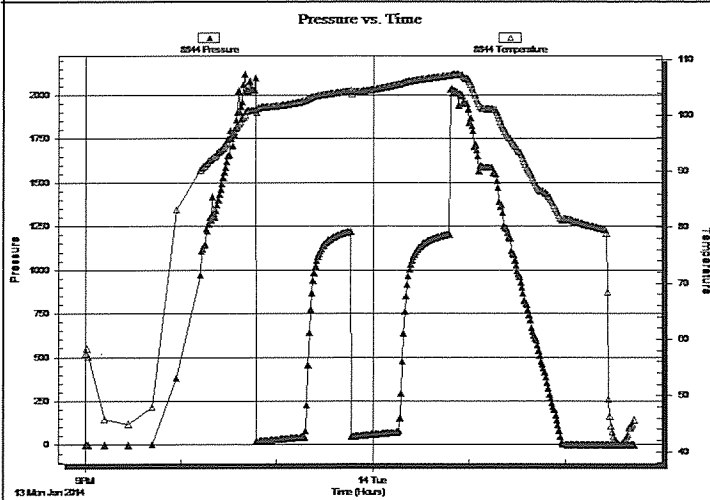
Time Off Btm:

TEST COMMENT: 2 1/4" blow

No return

1" blow

No return



PRESSURE SUMMARY

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

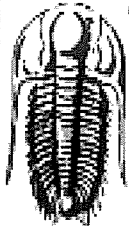
Recovery

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

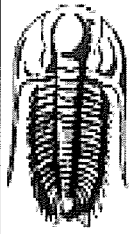
Tool Information

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
			<u>Total Volume: 57.34 bbl</u>	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 ³	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:

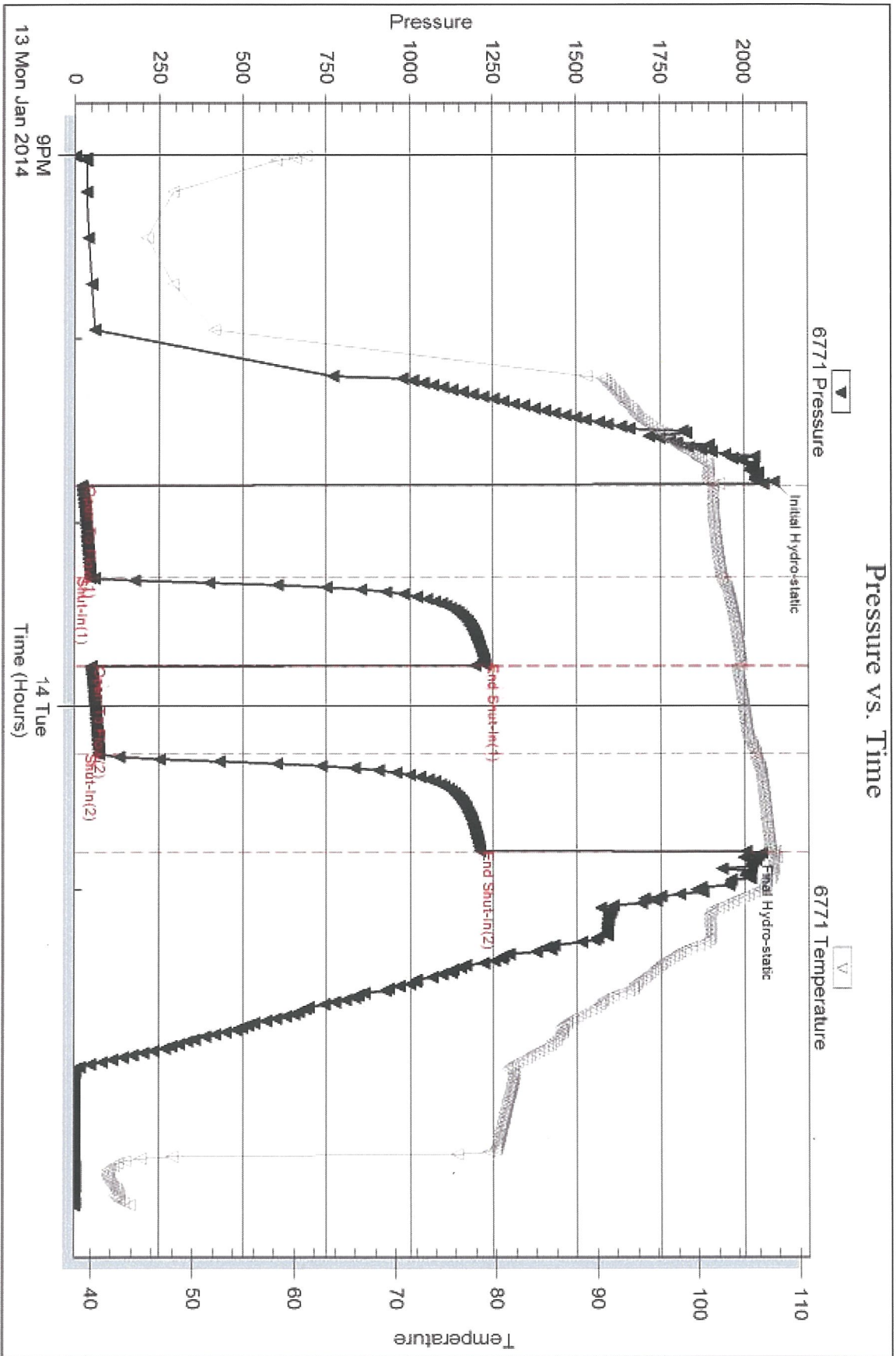
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56610

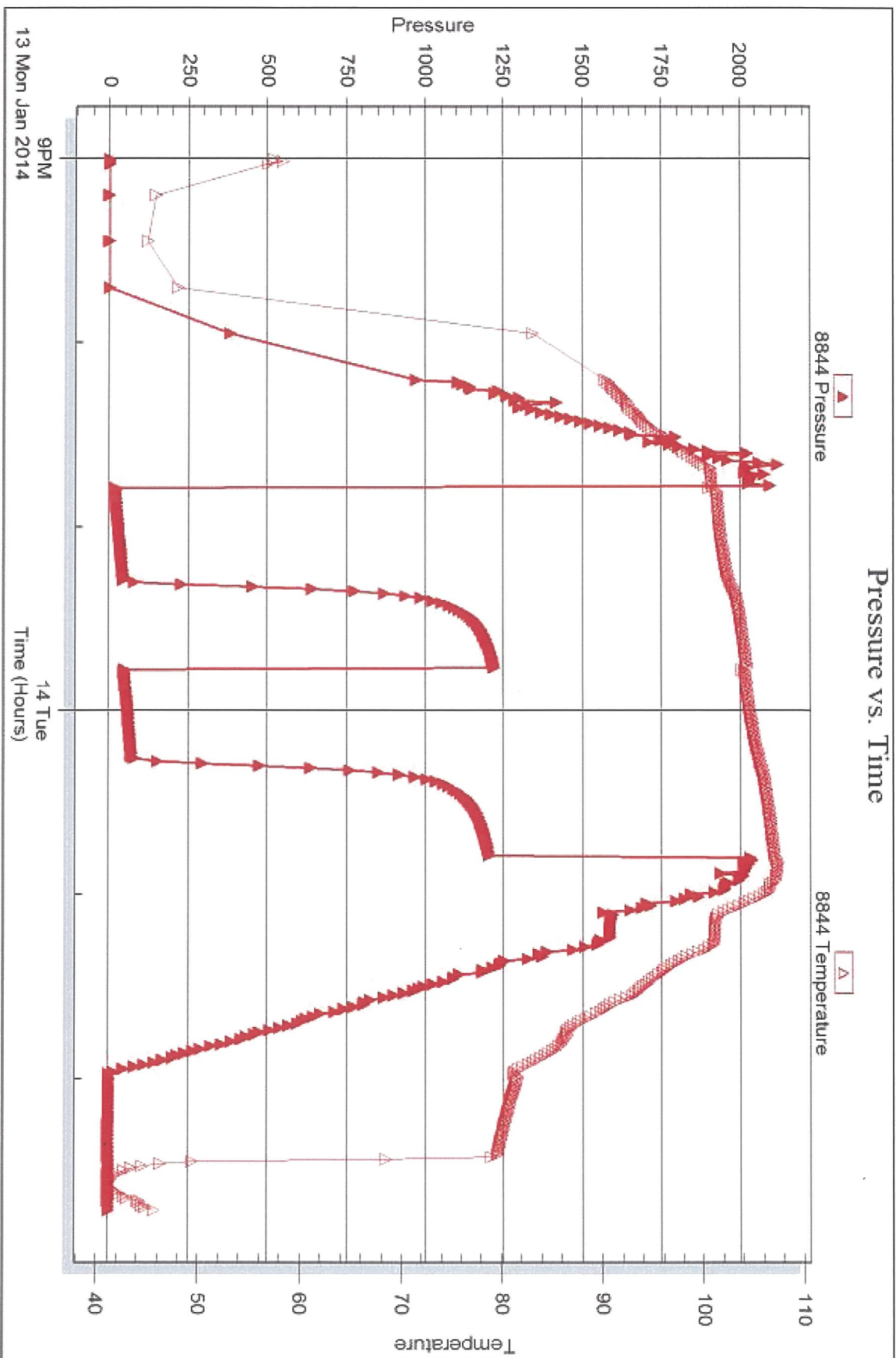
Printed: 2014.01.21 @ 11:46:58

Serial #: 8844

Outside Palomino Petroleum Inc

Johnson-Baker #1

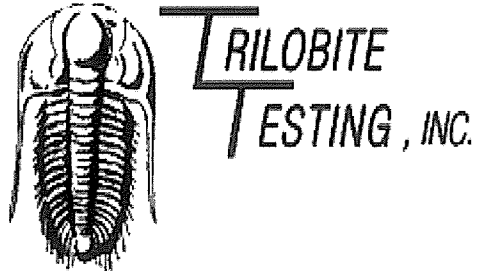
DST Test Number: 2



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

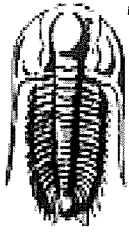
Start Date: 2014.01.14 @ 14:16:05

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
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:

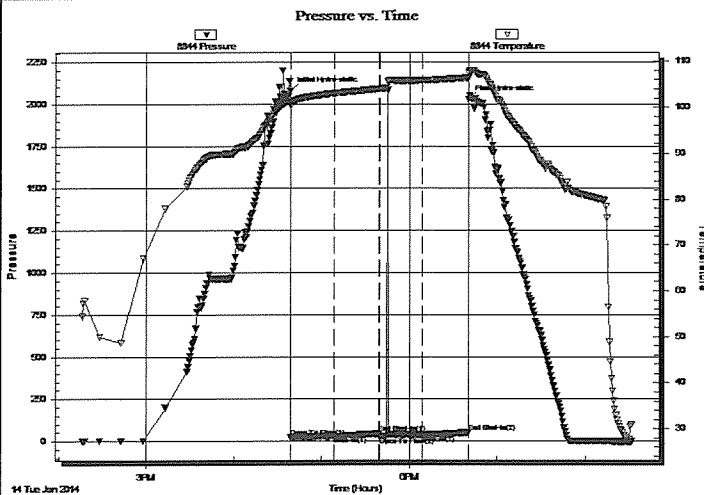
Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:38:50
Time Test Ended: 20:50:05
Interval: **4236.00 ft (KB) To 4385.00 ft (KB) (TVD)**
Total Depth: 4385.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane 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

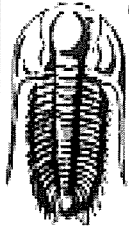
Recovery

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

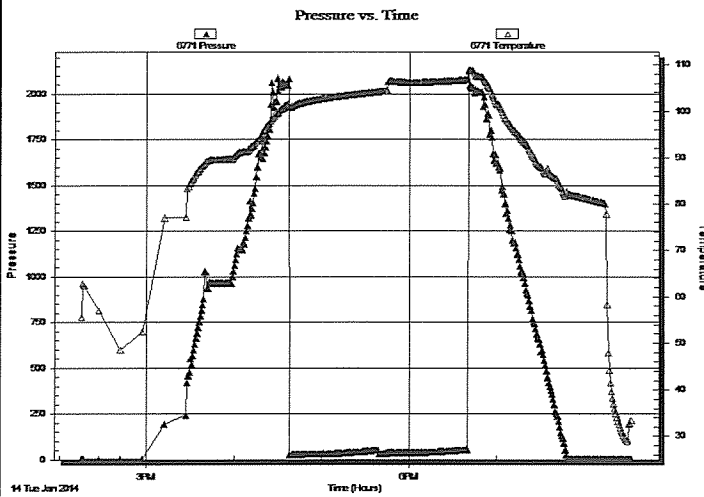
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:38:50
 Time Test Ended: 20:50:05
 Interval: **4236.00 ft (KB) To 4385.00 ft (KB) (TVD)**
 Total Depth: 4385.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: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

Serial #: 6771

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

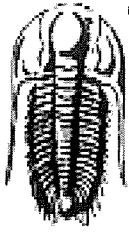
Recovery

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 ³	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:

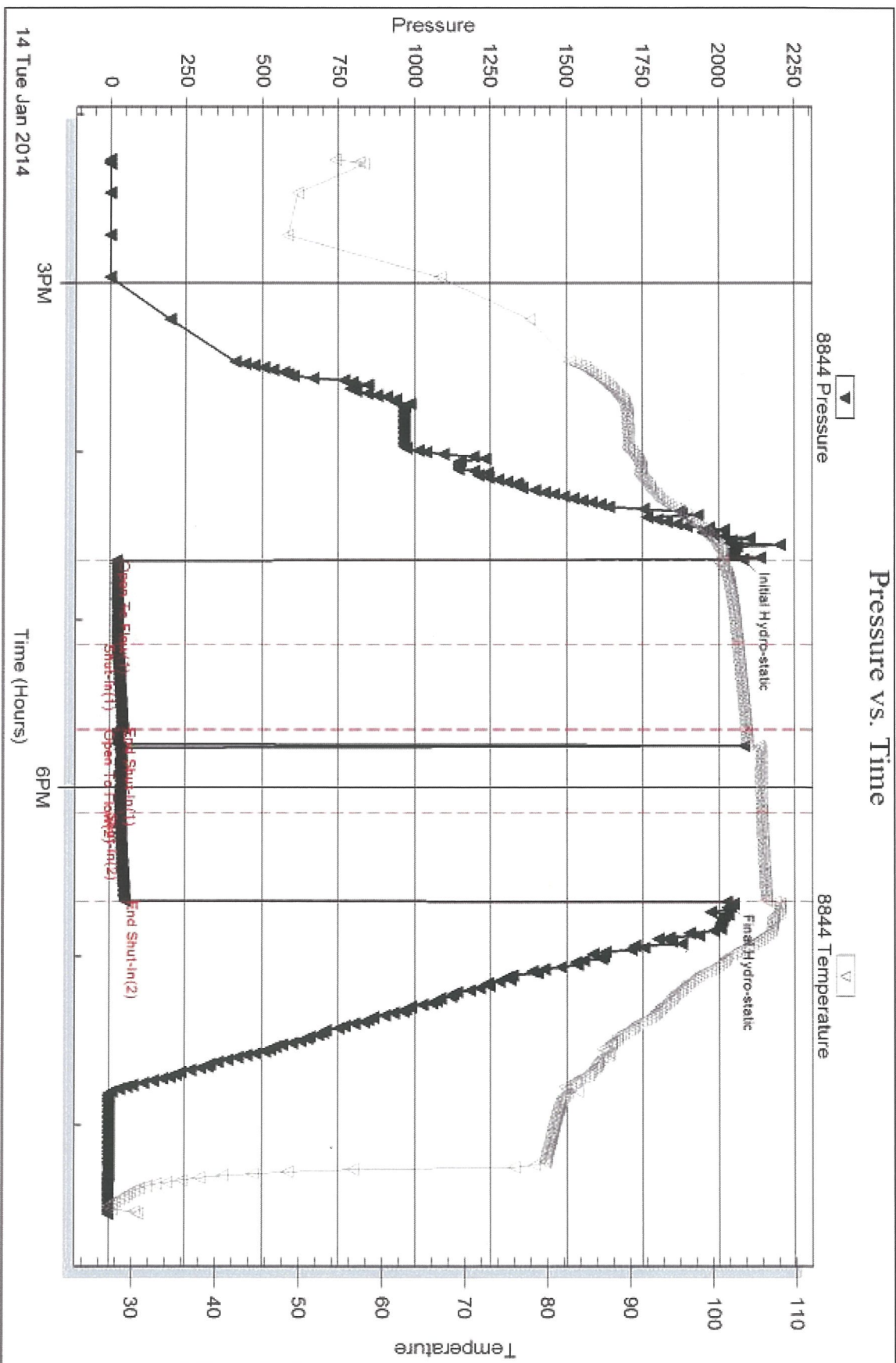
Serial #: 8844

Outside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 56611

Printed: 2014.01.21 @ 11:46:32

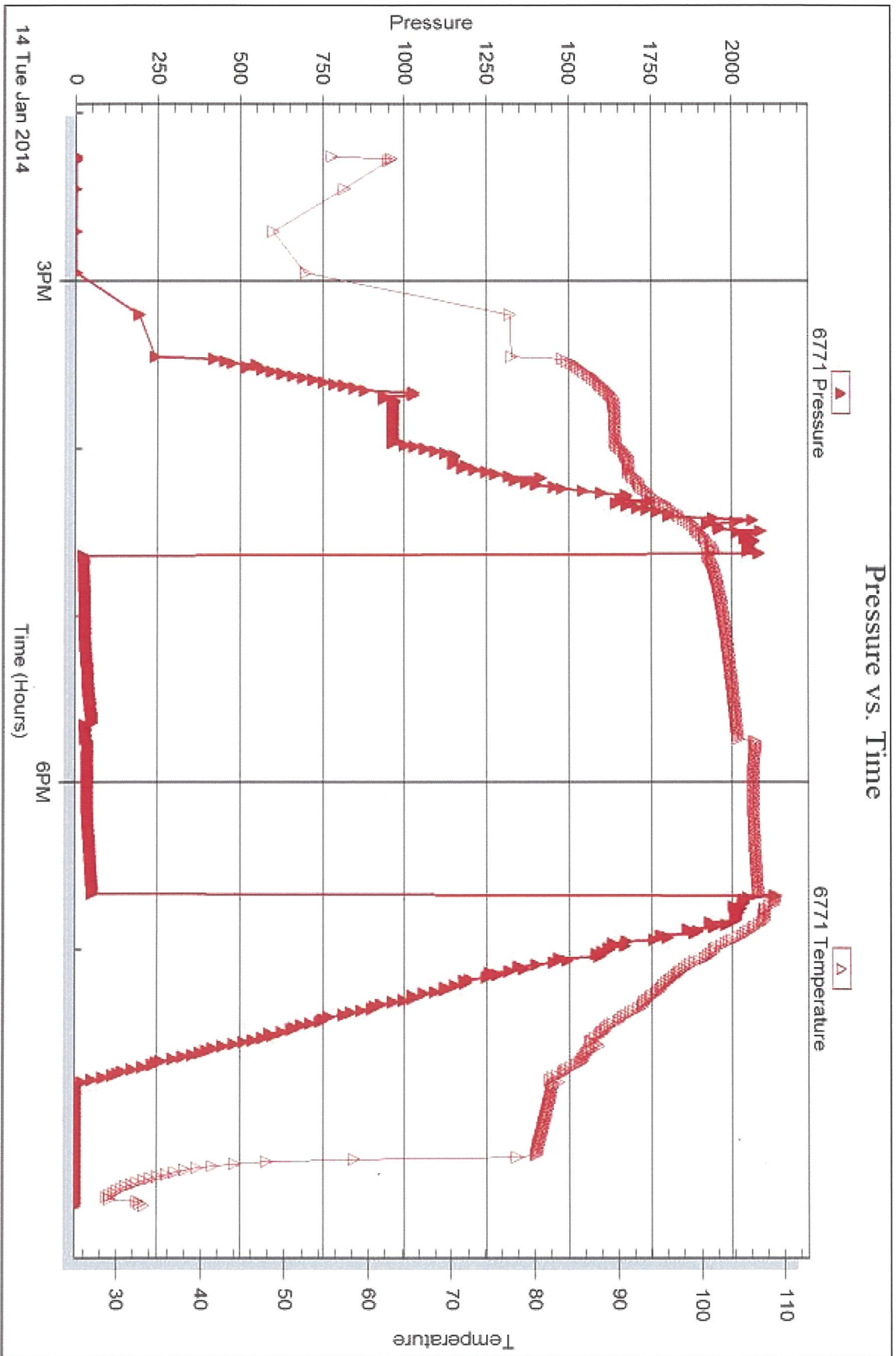
Serial #: 6771

Inside

Palomino Petroleum Inc

Johnson-Baker #1

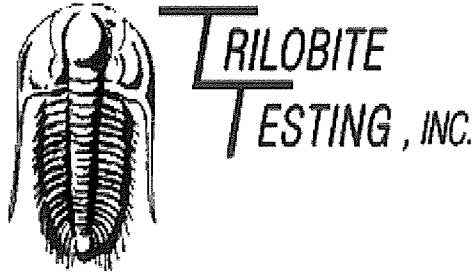
DST Test Number: 3



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

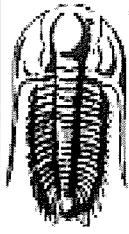
Start Date: 2014.01.15 @ 16:45:42

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



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:

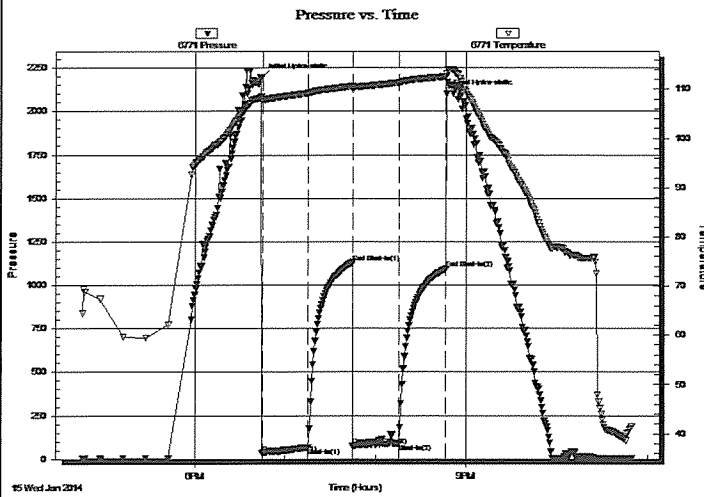
Formation: **Ft Scott - Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:44:42
 Time Test Ended: 23:09:42
 Interval: **4425.00 ft (KB) To 4598.00 ft (KB) (TVD)**
 Total Depth: 4598.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (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
 Newton, KS 67114-8827
 ATTN: Andrew Stenzel

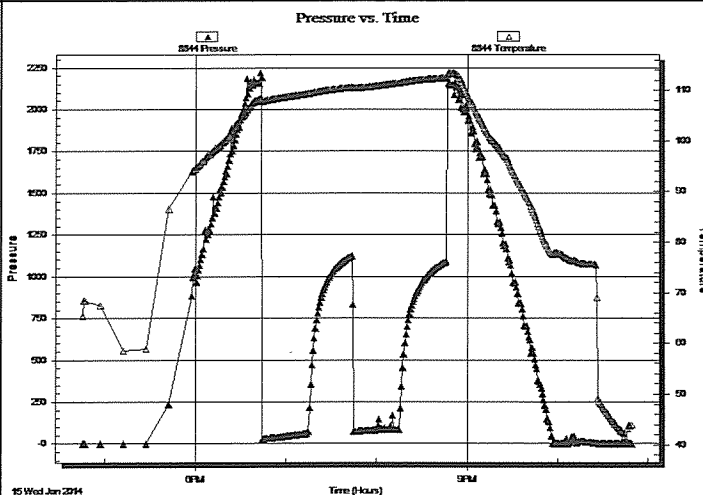
5-17s-26w Ness,KS
Johnson-Baker #1
 Job Ticket: 56612 DST#: 4
 Test Start: 2014.01.15 @ 16:45:42

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

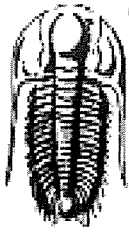
Recovery

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

* 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: 56612 **DST#: 4**
Test Start: 2014.01.15 @ 16:45:42

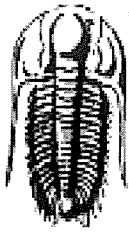
Tool Information

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 ³	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:

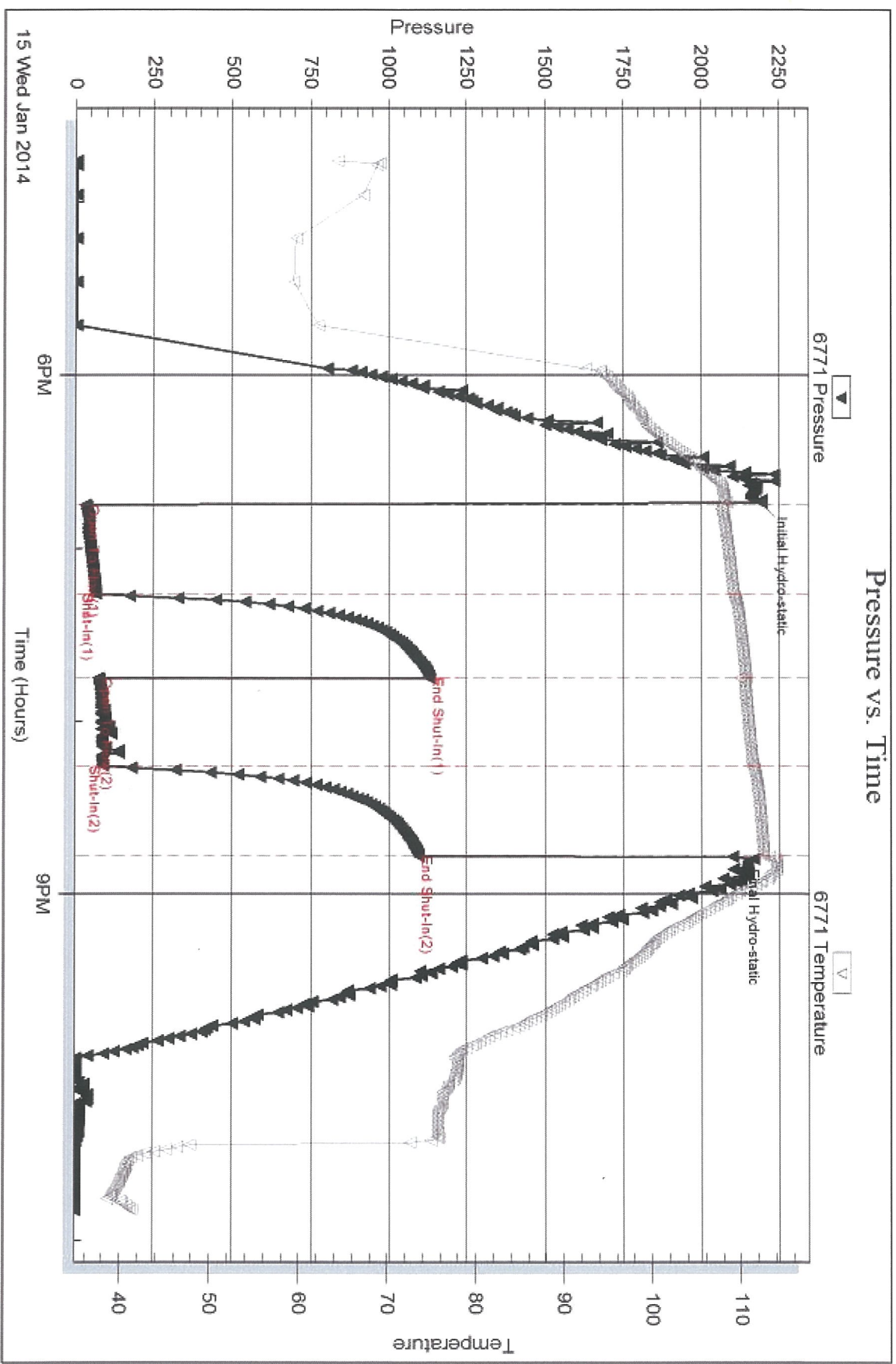
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Inside

Palomino Petroleum Inc

Johnson-Baker #1

DST Test Number: 4



Tribolite Testing, Inc

Ref. No: 56612

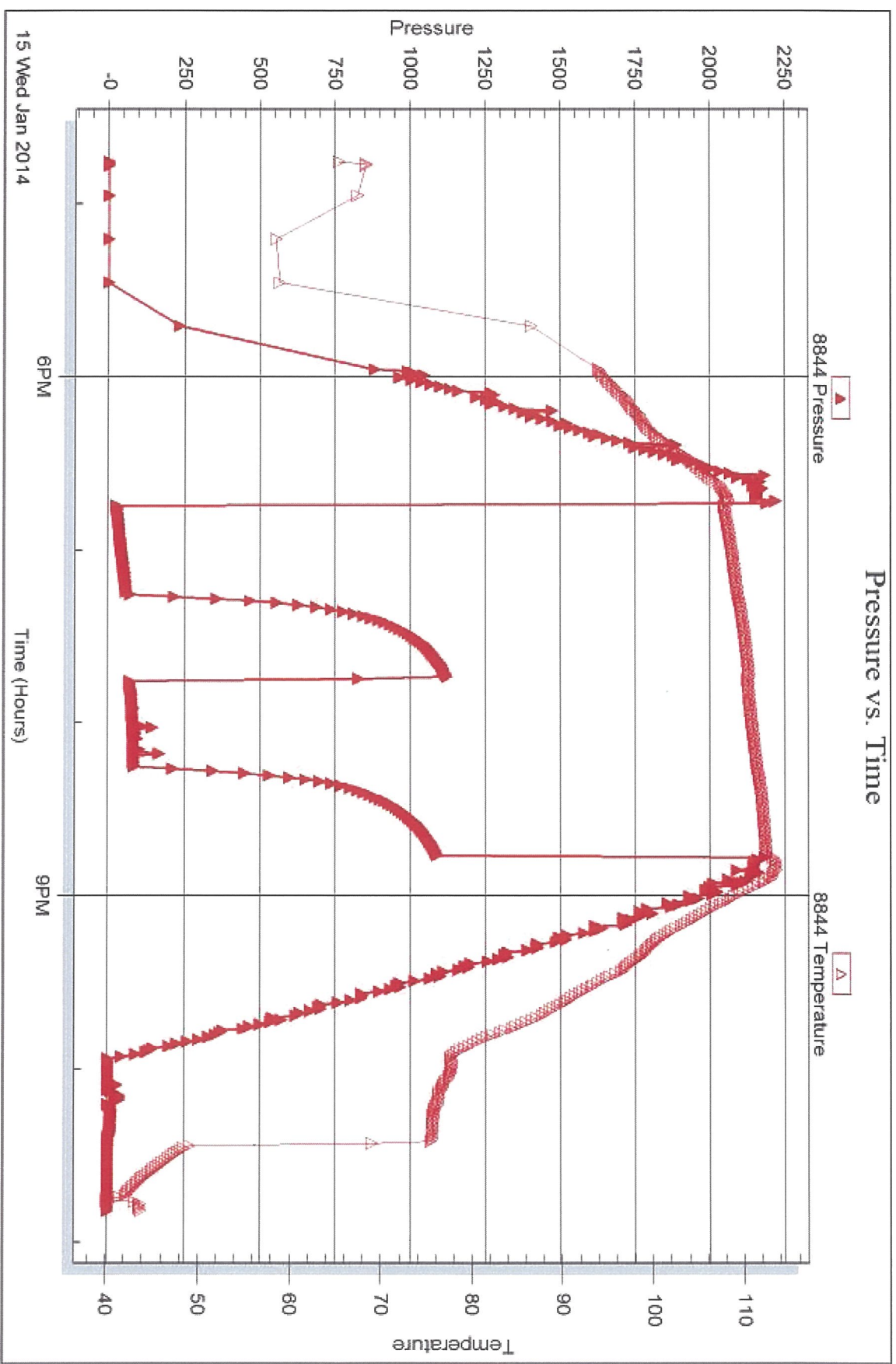
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Serial #: 8844

Outside Palomino Petroleum Inc

Johnson-Baker #1

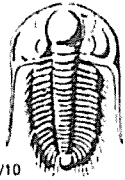
DST Test Number: 4



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 B4th 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>	

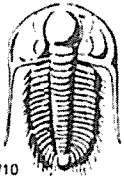
Rec Total 283' BHT 110° Gravity — API RW .410 @ 40° F Chlorides 28,500 ppm

(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]

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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 84th 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

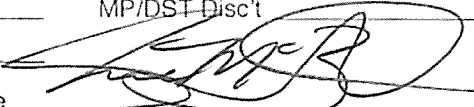
Blow Description 2 1/4" in blow
No return
1" in blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>mud</u>			<u>100</u>	

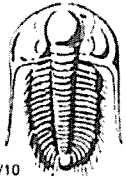
Rec Total 90' BHT 107° Gravity — API RW —@ —° F Chlorides — ppm

(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 

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

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

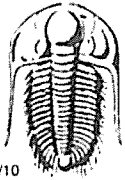
Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1730

Sub Total 1730

Approved By _____ Our Representative [Signature]

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

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u> </u>	<input type="checkbox"/> Ruined Packer <u> </u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u> </u>	<input type="checkbox"/> Extra Copies <u> </u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder <u> </u>	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby <u> </u>	Total <u>1885</u>
	<input type="checkbox"/> Accessibility <u> </u>	MP/DST Disc't <u> </u>
	Sub Total <u>1885</u>	

Approved By _____ Our Representative [Signature]

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