

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1244646

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

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: _____



1244646

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 (Attach Additional Sheets)	☐ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☐ No			
Electric Log Run	☐ Yes ☐ No			
List All E. Logs Run:				

CASING RECORD ☐ New ☐ 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
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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 (Amount and Kind of Material Used)	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: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	---	--

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Nichol 2
Doc ID	1244646

Tops

Name	Top	Datum
Anhy.	1765	(+528)
Base Anhy.	1807	(+486)
Heebner	3579	(-1286)
Lansing	3620	(-1327)
BKC	3904	(-1611)
Marmaton	3919	(-1626)
Pawnee	4046	(-1753)
Ft. Scott	4113	(-1820)
Cherokee Sh.	4138	(-1845)
Miss.	4227	(-1934)
LTD	4314	(-2021)



QUALITY OILWELL CEMENTING, INC.
PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Date: 2/3/2015
Invoice # 1209

P.O.#:

Due Date: 3/5/2015

Division: Russell

RECEIVED

FEB 07 2015

Invoice

Contact:

Palomino Petroleum Inc

Address/Job Location:

Palomino Petroleum Inc

4924 SE 84th

Newton Ks 67114

Reference:

NICHOL 2

Description of Work:

SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 919.46	No				
Common-Class A	150	\$ 2,492.19	Yes				
Pump Truck Mileage-Job to Nearest Camp	32	\$ 321.58	No				
Bulk Truck Matl-Material Service Charge	158	\$ 318.19	No				
Calcium Chloride	5	\$ 280.23	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	32	\$ 188.18	No				
Premium Gel (Bentonite)	3	\$ 49.18	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 4,569.01

Discount Available ONLY if Invoice is Paid & Received
within listed terms of invoice: \$ (685.35)

SubTotal for Taxable Items: \$ 2,398.36

SubTotal for Non-Taxable Items: \$ 1,485.30

Total: \$ 3,883.66

Tax: \$ 183.47

7.65% Trego County Sales Tax

Thank You For Your Business!

Amount Due: \$ 4,067.13

Applied Payments:

Balance Due: \$ 4,067.13

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1209

Cell 785-324-1041

Date <u>2-3-15</u>	Sec. <u>33</u>	Twp. <u>14</u>	Range <u>25</u>	County <u>Trego</u>	State <u>KS</u>	On Location	Finish <u>2:30pm</u>
Location <u>Collier 163 Einto</u>							
Lease <u>Nichol</u>		Well No. <u>2</u>		Owner			
Contractor <u>WWS 10</u>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Type Job <u>Surface</u>				Charge To <u>Palomino petroleum</u>			
Hole Size <u>12 1/4</u>		T.D. <u>219</u>		Street			
Csg. <u>8 5/8</u>		Depth <u>218</u>		City			
Tbg. Size		Depth		State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>15</u>		Shoe Joint		Cement Amount Ordered <u>150 cum 3/11 2:16EL</u>			
Meas Line		Displace <u>13.8L</u>					
EQUIPMENT				Common <u>150</u>			
Pumptrk	No. <u>5</u>	Cementer <u>Frank</u>		Poz. Mix			
Bulktrk	No. <u>14</u>	Driver <u>Cooy</u>		Gel. <u>3</u>			
Bulktrk	No. <u>14</u>	Driver <u>Doug</u>		Calcium <u>5</u>			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
<u>8 5/8 on bottom Est Circulation</u>				Handling <u>158</u>			
<u>Mix 150 SIC + Disph</u>				Mileage			
<u>Cement Circulate</u>				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <u>Surface</u>			
				Mileage <u>32</u>			
				Tax			
				Discount			
				Total Charge			
X Signature <u>[Signature]</u>							



QUALITY OILWELL CEMENTING, INC.
PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Date: 2/9/2015
Invoice # 921

P.O.#:
Due Date: 3/11/2015
Division: Russell

RECEIVED
FEB 12 2015

Invoice

Contact:

Palomino Petroleum Inc
Address/Job Location:
Palomino Petroleum Inc
4924 SE 84th
Newton Ks 67114

Reference:

NICHOL 2

Description of Work:

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 919.46	Yes				
Common-Class A	144	\$ 2,392.50	Yes				
POZ Mix-Standard	96	\$ 609.00	Yes				
Bulk Truck Matl-Material Service Charge	249	\$ 501.46	Yes				
Pump Truck Mileage-Job to Nearest Camp	32	\$ 321.58	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	32	\$ 188.18	Yes				
Premium Gel (Bentonite)	9	\$ 147.54	Yes				
Flo Seal	60	\$ 120.83	Yes				
Dry Hole Plug	1	\$ 56.39	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 5,256.93
Discount Available ONLY if Invoice is Paid & Received
within listed terms of invoice: \$ (788.54)

SubTotal for Taxable Items:	\$ 4,468.39
SubTotal for Non-Taxable Items:	\$ -

7.65% Trego County Sales Tax

Total:	\$ 4,468.39
Tax:	\$ 341.83

Thank You For Your Business!

Amount Due:	\$ 4,810.22
Applied Payments:	
Balance Due:	\$ 4,810.22

Past Due Invoices are subject to a service charge (annual rate of 24%)
This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

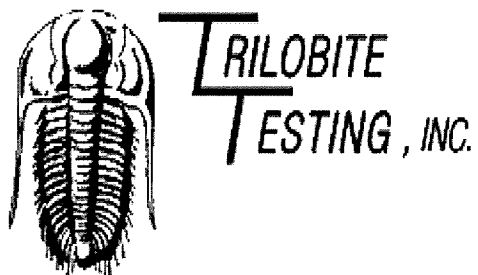
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 921

Date	2-9-15	Sec.	33	Twp.	14	Range	25	County	Trego	State	KS	On Location		Finish	7:30 AM
Lease								Location							
Nichol								Collyer 15 1/2 S E into							
Well No. #2								Owner							
Contractor W W #10								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job Plug								Charge To Palomino petroleum							
Hole Size 7 1/4								T.D.							
Csg. Drill Pipe								Depth							
Tbg. Size								Depth							
Tool								Depth							
Cement Left in Csg.								Shoe Joint							
Meas Line								Displace							
EQUIPMENT								Common 144							
Pumptrk 5 No. Cementer Helper David								Poz. Mix 96							
Bulktrk 9 No. Driver Chad								Gel. 9							
Bulktrk PU No. Driver Brett								Calcium							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole - 30 SX								Flowseal 60ft							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
1st Plug @ 1800 w/ 50 SX								Handling 249							
2nd Plug @ 820 w/ 100 SX								Mileage 8 5/8							
3rd Plug @ 270 w/ 50 SX								FLOAT EQUIPMENT							
4th Plug @ 40 w/ 10 SX								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Wood Plug-1							
								Pumptrk Charge plug							
								Mileage 32							
Signature								Tax							
								Discount							
								Total Charge							



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.
Newton KS 67114-8827

ATTN: Klee Watchous

Nichol #2

33-14s-25w Trego,KS

Start Date: 2015.02.07 @ 12:55:46

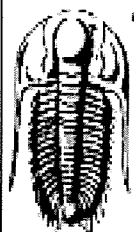
End Date: 2015.02.07 @ 18:38:25

Job Ticket #: 61146 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.09 @ 10:45:02

Palomino Petroleum Inc
33-14s-25w Trego,KS
Nichol #2
DST # 1
LKC K-L
2015.02.07



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St.
New ton KS 67114-8827

ATTN: Klee Watchous

33-14s-25w Trego,KS

Nichol #2

Job Ticket: 61146

DST#: 1

Test Start: 2015.02.07 @ 12:55:46

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:58:56

Time Test Ended: 18:38:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: **3841.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: 3920.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2293.00 ft (KB)

2288.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: 48.92 psig @ 3852.00 ft (KB)

Start Date: 2015.02.07

End Date:

2015.02.07

Start Time: 12:55:46

End Time:

18:38:25

Capacity: 8000.00 psig

Last Calib.: 2015.02.07

Time On Btm: 2015.02.07 @ 14:55:56

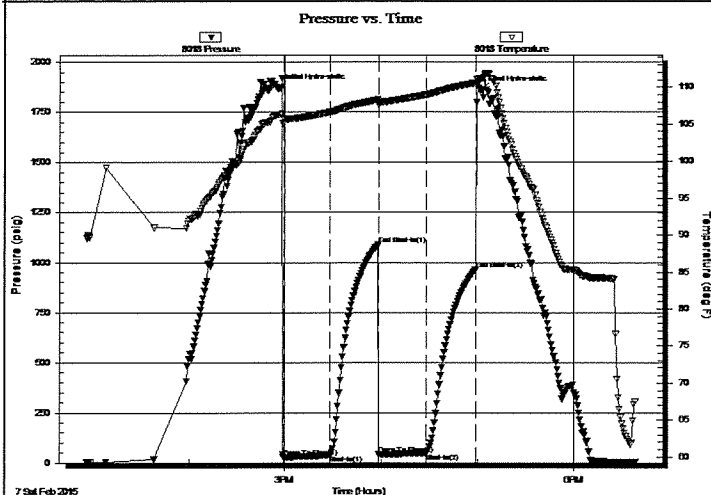
Time Off Btm: 2015.02.07 @ 17:02:41

TEST COMMENT: 30-IFP-w k surface bl thru-out

30-ISIP-no bl

30-FFP-no bl

30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1869.38	106.24	Initial Hydro-static
3	28.93	105.74	Open To Flow (1)
33	37.90	106.61	Shut-In(1)
63	1089.24	108.27	End Shut-In(1)
63	42.87	107.61	Open To Flow (2)
93	48.92	108.95	Shut-In(2)
123	965.83	110.58	End Shut-In(2)
127	1860.47	111.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St.
New ton KS 67114-8827

ATTN: Klee Watchous

33-14s-25w Trego, KS

Nichol #2

Job Ticket: 61146

DST#: 1

Test Start: 2015.02.07 @ 12:55:46

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:58:56

Time Test Ended: 18:38:25

Interval: **3841.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: 3920.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Reference Elevations: 2293.00 ft (KB)

2288.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3852.00 ft (KB)

Start Date: 2015.02.07 End Date: 2015.02.07

Start Time: 12:55:45 End Time: 18:38:09

Capacity: 8000.00 psig

Last Calib.: 2015.02.07

Time On Btm:

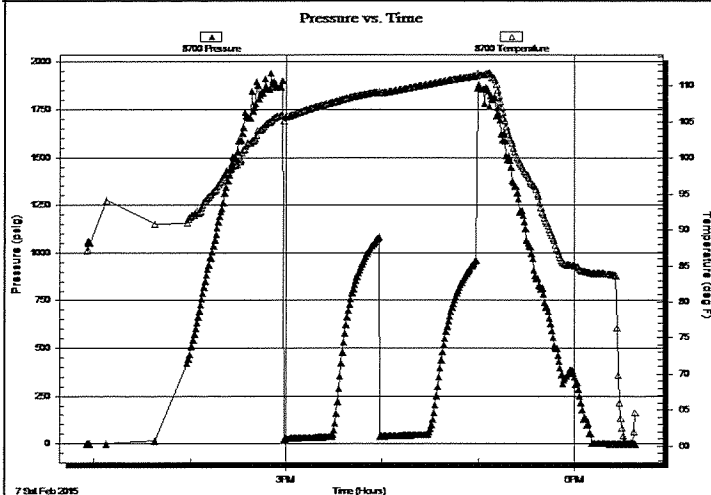
Time Off Btm:

TEST COMMENT: 30-IFP-w k surface bl thru-out

30-ISIP-no bl

30-FFP-no bl

30-FSIP-no bl



PRESSURE SUMMARY

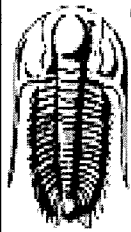
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

33-14s-25w Trego,KS

4924 SE 84th St.
New ton KS 67114-8827

Nichol #2

Job Ticket: 61146

DST#: 1

ATTN: Klee Watchous

Test Start: 2015.02.07 @ 12:55:46

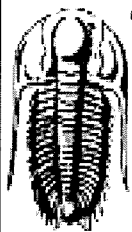
Tool Information

Drill Pipe:	Length: 3723.00 ft	Diameter: 3.80 inches	Volume: 52.22 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	52.81 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3841.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	108.00 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			3813.00	
Shut In Tool	5.00			3818.00	
Hydraulic tool	5.00			3823.00	
Jars	5.00			3828.00	
Safety Joint	3.00			3831.00	
Packer	5.00			3836.00	29.00 Bottom Of Top Packer
Packer	5.00			3841.00	
Stubb	1.00			3842.00	
Perforations	10.00			3852.00	
Recorder	0.00	8018	Inside	3852.00	
Recorder	0.00	8700	Outside	3852.00	
Blank Spacing	65.00			3917.00	
Bullnose	3.00			3920.00	79.00 Bottom Packers & Anchor

Total Tool Length: 108.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

33-14s-25w Trego, KS

4924 SE 84th St.
New ton KS 67114-8827

Nichol #2

Job Ticket: 61146

DST#: 1

ATTN: Klee Watchous

Test Start: 2015.02.07 @ 12:55:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

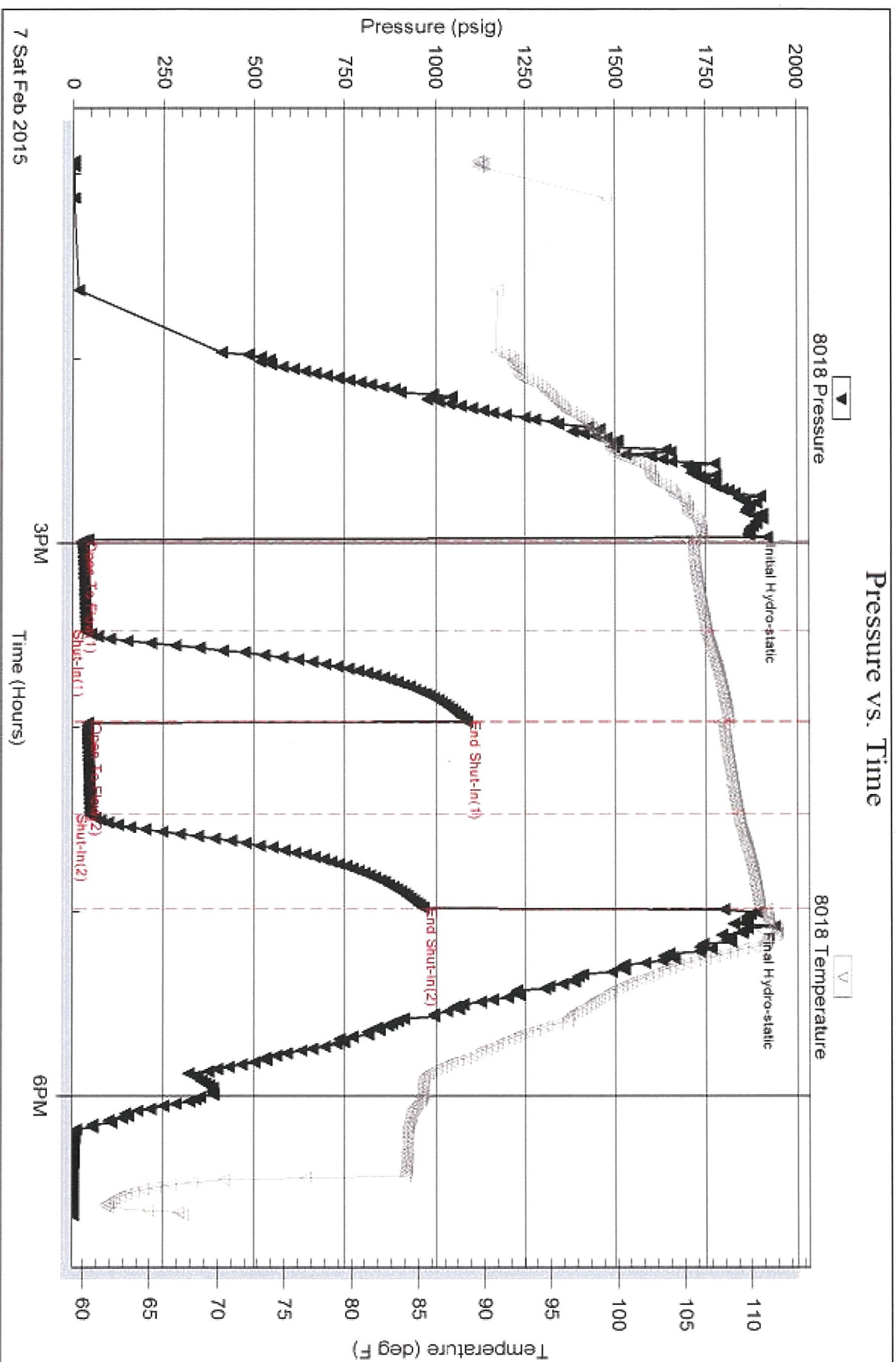
Serial #: 8018

Inside

Palomino Petroleum Inc

Nichol #2

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 61146

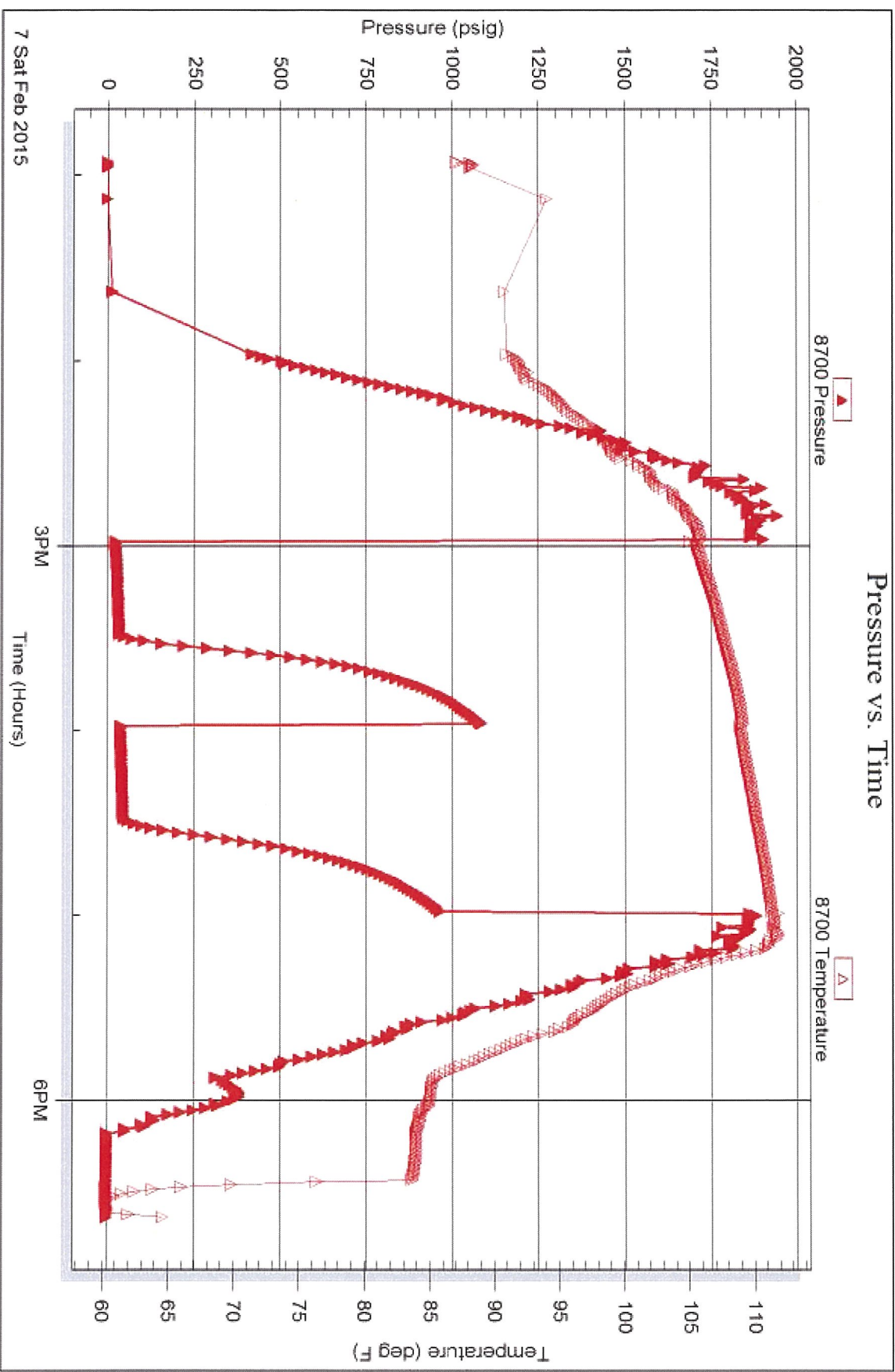
Printed: 2015.02.09 @ 10:45:03

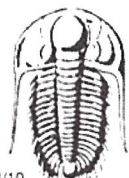
Serial #: 8700

Outside Palomino Petroleum Inc

Nichol #2

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61146

Well Name & No. Nichol #2 Test No. 1 Date 2-7-15
 Company PALOMINO Petroleum, Inc Elevation 2293 KB 2288 GL
 Address 4924 SE 84TH ST. Newton, Ks 67114-8827
 Co. Rep / Geo. Ryan Serb Rig WW rig 10
 Location: Sec. 33 Twp. 14^s Rge. 25^w Co. Trego State Ko

Interval Tested 3841-3920 Zone Tested LKC K-L
 Anchor Length 79 Drill Pipe Run 3723 Mud Wt. 9
 Top Packer Depth 3836 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 3841 Wt. Pipe Run — WL 6
 Total Depth 3920 Chlorides 2000 ppm System LCM 2H

Blow Description IFP - SURFACE Blow Thru-out
TSTP - NO Blow
FFP - NO Blow
FSTP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>mud</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 30 BHT 110 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>1869</u>	☒ Test	<u>1050</u>	T-On Location	<u>0945</u>
(B) First Initial Flow	<u>28</u>	☒ Jars	<u>250</u>	T-Started	<u>1255</u>
(C) First Final Flow	<u>37</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>1455</u>
(D) Initial Shut-In	<u>1089</u>	☐ Circ Sub		T-Pulled	<u>1655</u>
(E) Second Initial Flow	<u>42</u>	☐ Hourly Standby		T-Out	<u>1838</u>
(F) Second Final Flow	<u>48</u>	☒ Mileage	<u>128 RT. 256</u>	Comments	<u>Loaded Tool 2-9-15</u>
(G) Final Shut-In	<u>965</u>	☐ Sampler			<u>12 AM</u>
(H) Final Hydrostatic	<u>1860</u>	☐ Straddle		☐ Ruined Shale Packer	

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

☒ Shale Packer	<u>250</u>	☐ Ruined Packer	
☐ Extra Packer		☐ Extra Copies	
☐ Extra Recorder		Sub Total	<u>0</u>
☐ Day Standby		Total	<u>1881</u>
☐ Accessibility		MP/DST Disc't	
Sub Total	<u>1881</u>		

Approved By _____

Our Representative

RAY SCHWAGER Thank you

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