



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1250411
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: _____



1250411

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)* _____

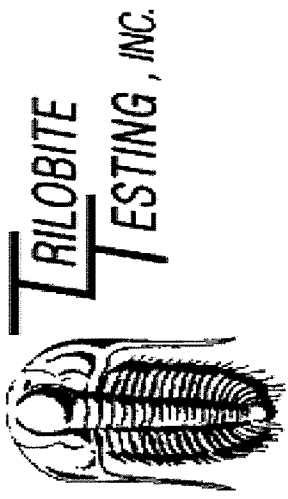
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	GLO 1
Doc ID	1250411

Tops

Name	Top	Datum
Anhy.	1670	(+778)
Base Anhy.	1708	(+740)
Heebner	3762	(-1314)
Lansing	3804	(-1356)
Pawnee	4292	(-1844)
Ft. Scott	4328	(-1880)
Miss.	4432	(-1984)
LTD	4537	(-2445)



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th Street
Newton, KS 67114

ATTN: Jerry Smith

GLO #1

35-20s-26w Ness,KS

Start Date: 2015.04.06 @ 17:34:00

End Date: 2015.04.07 @ 03:04:19

Job Ticket #: 62462 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 Newton, KS 67114
 ATTN: Jerry Smith

35-20s-26w Ness,KS
GLO #1
 Job Ticket: 62462
 Test Start: 2015.04.06 @ 17:34:00
DST#: 1

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:41:20
 Time Test Ended: 03:04:19
 Interval: **4373.00 ft (KB) To 4442.00 ft (KB) (TVD)**
 Total Depth: 4442.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 2450.00 ft (KB)
 2442.00 ft (CF)
 8.00 ft

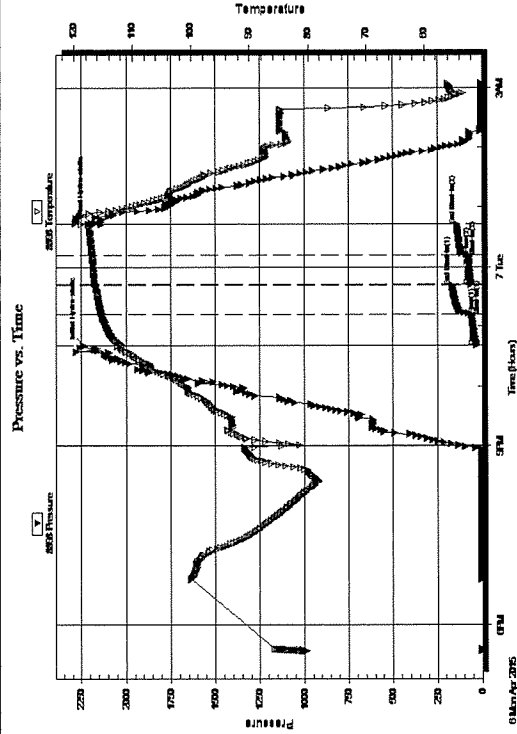
Serial #: 8898 Outside

Press@RunDepth: 75.10 psig @ 4379.00 ft (KB)
 Start Date: 2015.04.06 End Date:
 Start Time: 17:34:01 End Time:

Capacity: 8000.00 psig
 Last Callib.: 2015.04.07
 Time On Btm: 2015.04.06 @ 22:41:00
 Time Off Btm: 2015.04.07 @ 00:43:50

TEST COMMENT:

30-IF-Built to 3"
 30-ISI-No Return
 30-FF-Surface Blow at 10 mins, built to 1/2"
 30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.41	112.56	Initial Hydro-static
1	30.05	111.74	Open To Flow (1)
32	57.96	115.22	Shut-In(1)
61	167.87	116.24	End Shut-In(1)
62	60.99	116.21	Open To Flow (2)
91	75.10	116.88	Shut-In(2)
122	139.76	117.49	End Shut-In(2)
123	2192.73	119.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	IMW, with oil spots, 20%am, 80%w	0.29
59.00	IMW, with oil spots, 40%am, 60%w	0.30
5.00	O, 100%o	0.07

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 New ton, KS 67114
 ATTN: Jerry Smith

35-20s-26w Ness,KS
GLO #1
 Job Ticket: 62462 **DST#:1**
 Test Start: 2015.04.06 @ 17:34:00

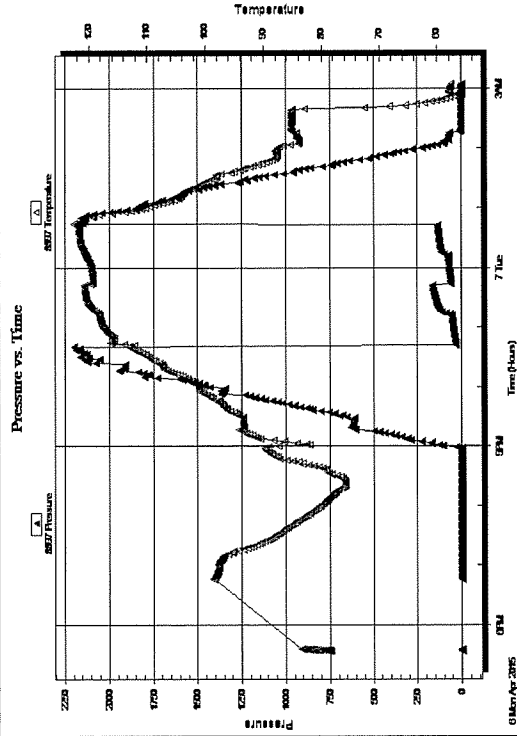
GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:41:20
 Time Test Ended: 03:04:19
 Interval: **4373.00 ft (KB) To 4442.00 ft (KB) (TVD)**
 Total Depth: 4442.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 2450.00 ft (KB)
 2442.00 ft (CF)
 8.00 ft
 KB to GR/CF:

Serial #: 8897 Inside
 Press@RunDepth: psig @ 4379.00 ft (KB)
 Start Date: 2015.04.06 End Date:
 Start Time: 17:34:01 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2015.04.07
 Time On Btm: 03:04:40
 Time Off Btm:

TEST COMMENT: 30-IF-Built to 3"
 30-ISL-No Return
 30-FF-Surface Blow at 10 mins, built to 1/2"
 30-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
59.00	MMV, with oil spots, 20%am, 80%w	0.29
59.00	MMV, with oil spots, 40%am, 60%w	0.30
5.00	O, 100%o	0.07

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 Street
New ton, KS 67114

35-20s-26w Ness,KS

GLO #1

Job Ticket: 62462

DST#:1

ATTN: Jerry Smith

Test Start: 2015.04.06 @ 17:34:00

Tool Information

Drill Pipe:	Length: 4238.00 ft	Diameter: 3.80 inches	Volume: 59.45 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 62000.00 lb
Drill Pipe Above KB:	4.00 ft	<u>Total Volume:</u> 60.03 bbl		Tool Chased 0.00 ft
Depth to Top Packer:	4373.00 ft			String Weight: Initial 58000.00 lb
Depth to Bottom Packer:	ft			Final 59000.00 lb
Interval between Packers:	74.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4356.00	
Hydraulic tool	5.00			4361.00	
Jars	5.00			4366.00	
Safety Joint	2.00			4368.00	
Packer	5.00			4373.00	22.00
Packer - Shale	5.00			4378.00	Bottom Of Top Packer
Stubb	1.00			4379.00	
Recorder	0.00	8897	Inside	4379.00	
Recorder	0.00	8898	Outside	4379.00	
Perforations	32.00			4411.00	
Change Over Sub	1.00			4412.00	
Drill Pipe	31.00			4443.00	
Change Over Sub	1.00			4444.00	
Bullnose	3.00			4447.00	74.00
Total Tool Length:					96.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

35-20s-26w Ness,KS

4924 SE 84th Street
New ton, KS 67114

GLO #1

Job Ticket: 62462

DST#: 1

ATTN: Jerry Smith

Test Start: 2015.04.06 @ 17:34:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 10.78 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

Oil API: 37 deg API
Water Salinity: 57000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	MW, w ith oil spots, 20%am, 80%w	0.290
59.00	MW, w ith oil spots, 40%am, 60%w	0.299
5.00	O, 100%o	0.070

Total Length: 123.00 ft Total Volume: 0.659 bbl

Num Fluid Samples: 0

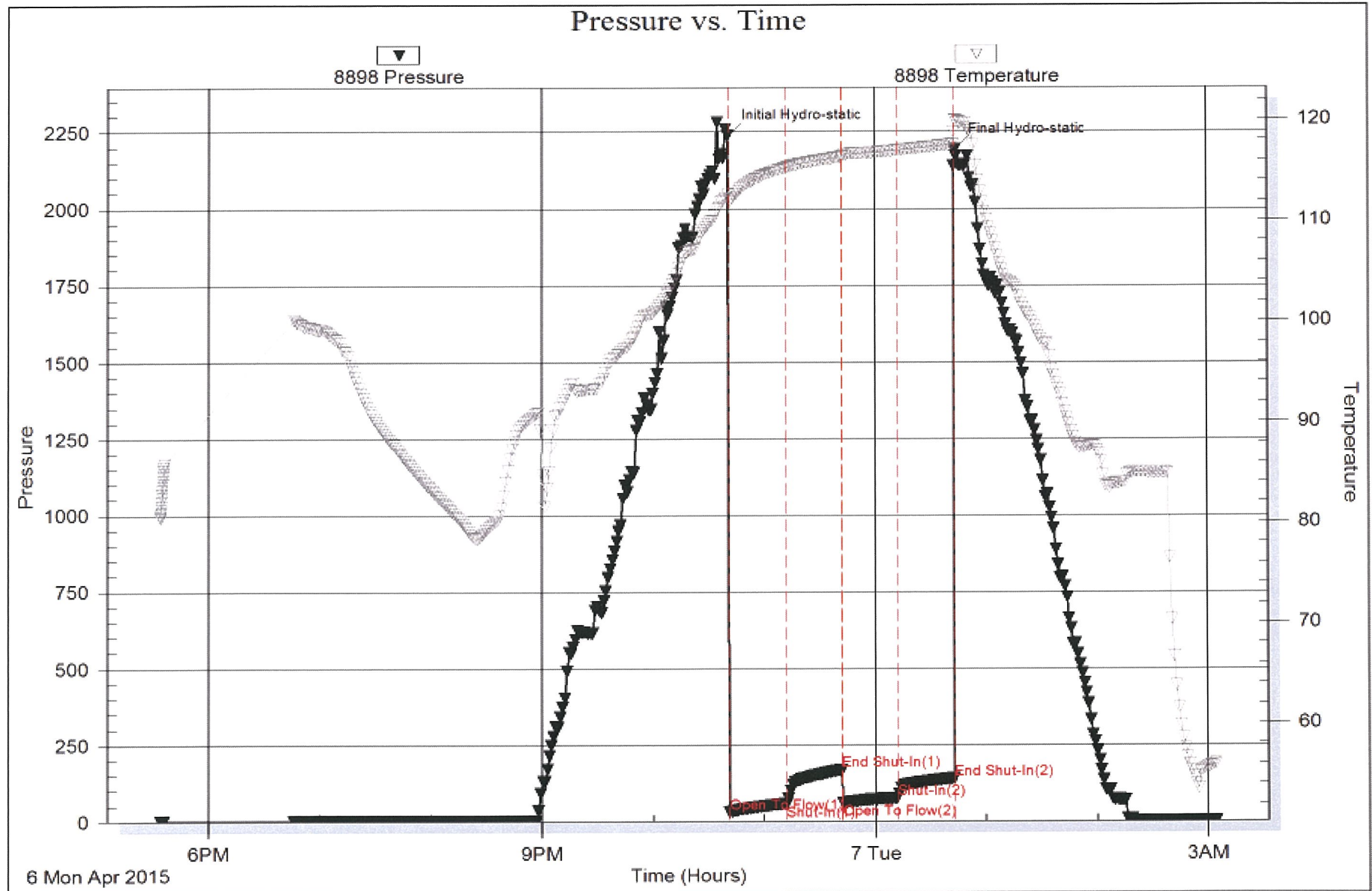
Num Gas Bombs: 0

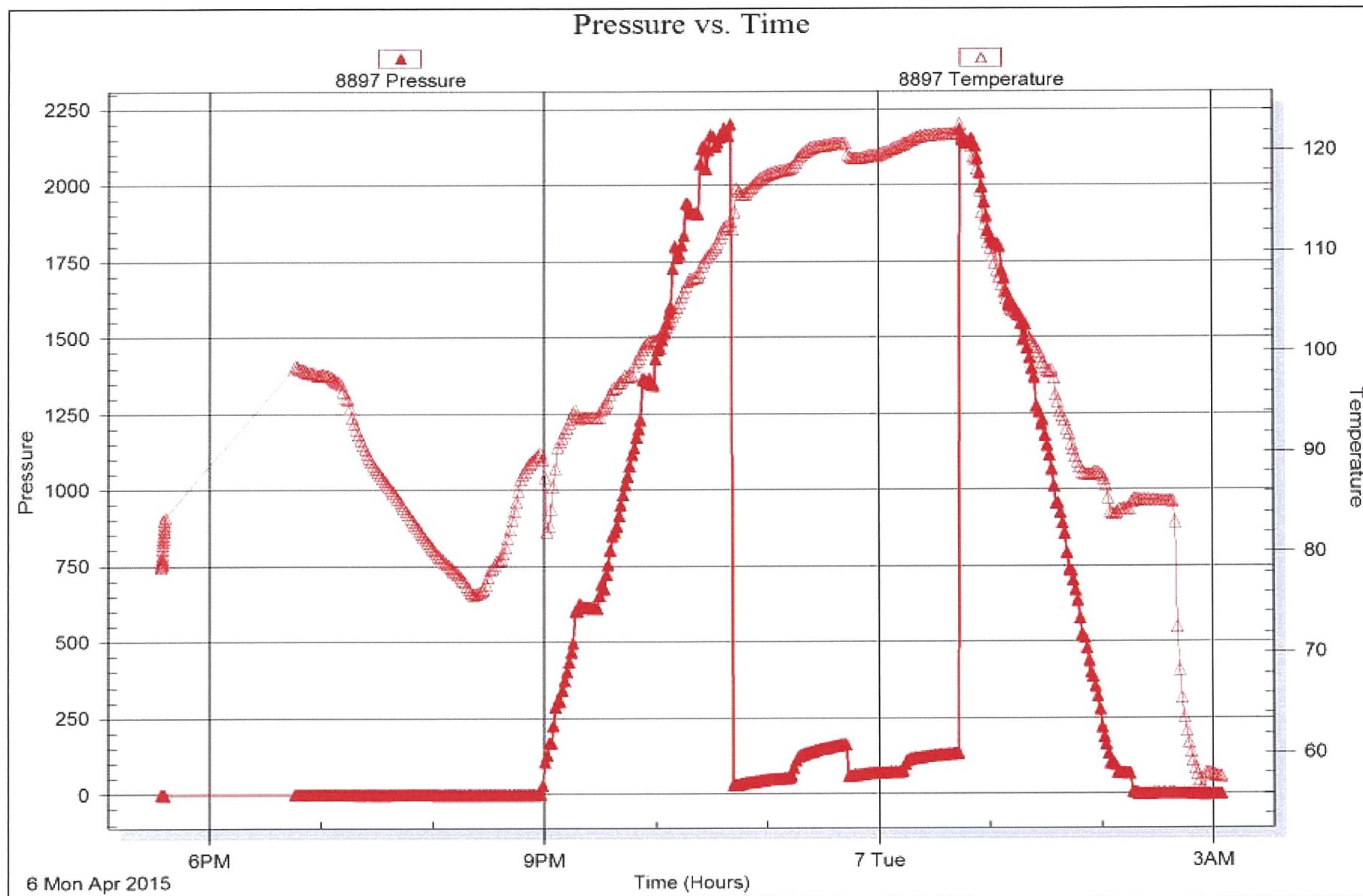
Serial #:

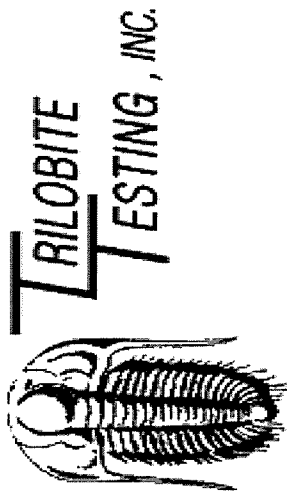
Laboratory Name:

Laboratory Location:

Recovery Comments: .23 @ 44 Degrees = 57,000 Salinity







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th Street
Newton, KS 67114

ATTN: Jerry Smith

GLO #1

35-20s-26w Ness,KS

Start Date: 2015.04.07 @ 15:54:00

End Date: 2015.04.07 @ 22:19:50

Job Ticket #: 62463 DST #: 2

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114
ATTN: Jerry Smith

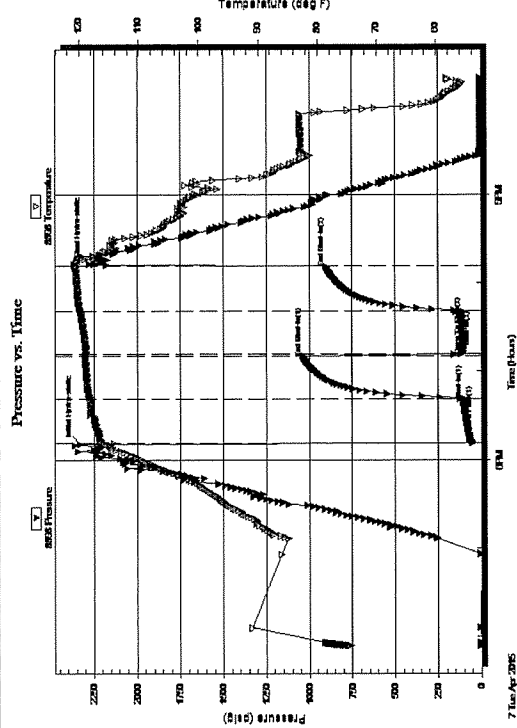
35-20s-26w Ness,KS
GLO #1
Job Ticket: 62463 **DST#:2**
Test Start: 2015.04.07 @ 15:54:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock
Time Tool Opened: 18:11:10
Time Test Ended: 22:19:50
Test Type: Conventional Straddle (Reset)
Tester: Phillip Gage
Unit No: 77
Reference Elevations: 2450.00 ft (KB)
2442.00 ft (CF)
8.00 ft
Hole Diameter: 7.88 inches
Hole Condition: Fair
KB to GR/CF:

Serial #: 8898
Press@RunDepth: 108.98 psig @ 4475.00 ft (KB)
Capacity: 8000.00 psig
Start Date: 2015.04.07
End Date: 2015.04.07
Last Callb.: 2015.04.07
Start Time: 15:54:01
End Time: 22:19:50
Time On Btm: 2015.04.07 @ 18:11:00
Time Off Btm: 2015.04.07 @ 20:13:00

TEST COMMENT: 30-IF-Built to 4 1/2"
30-ISH-No Return
30-FF-Built to 1 1/4"
30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2331.27	115.33	Initial Hydro-static
1	47.94	114.14	Open To Flow (1)
31	101.60	118.16	Shut-In(1)
60	1038.27	119.03	End Shut-In(1)
61	112.21	118.84	Open To Flow (2)
91	108.98	119.76	Shut-In(2)
121	902.92	120.62	End Shut-In(2)
122	2275.39	120.86	Final Hydro-static

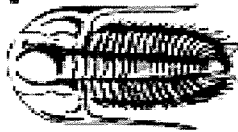
Recovery

Length (ft)	Description	Volume (bbl)
117.00	VSWCM, w ith oil spots, 98% m, 2% w	0.58
30.00	M, w ith oil spots, 100% m	0.42

* 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 Street
 Newton, KS 67114
 ATTN: Jerry Smith

35-20s-26w Ness,KS
GLO #1
 Job Ticket: 62463
 Test Start: 2015.04.07 @ 15:54:00
DST#:2

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:11:10
 Time Test Ended: 22:19:50
Interval: 4435.00 ft (KB) To 4480.00 ft (KB) (TVD)
 Total Depth: 4540.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

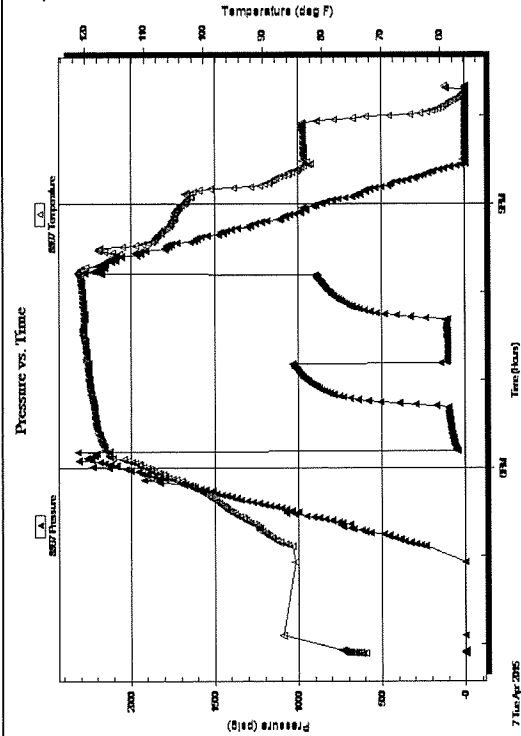
Test Type: Conventional Straddle (Reset)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 2450.00 ft (KB)
 2442.00 ft (CF)
 8.00 ft
 KB to GR/CF:

Serial #: 8897

Inside
 Press@RunDepth: psig @ 4475.00 ft (KB)
 Start Date: 2015.04.07 End Date:
 Start Time: 15:54:01 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2015.04.07
 Time On Btm: 22:20:20
 Time Off Btm:

TEST COMMENT: 30-IF-Built to 4 1/2"
 30-ISH-No Return
 30-FF-Built to 1 1/4"
 30-FSI-No Return



PRESSURE SUMMARY

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

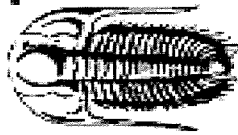
Recovery

Length (ft)	Description	Volume (bbl)
117.00	VSWCM, w ith oil spots, 98%w, 2%w	0.58
30.00	M, w ith oil spots, 100%w	0.42

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS 67114
ATTN: Jerry Smith

35-20s-26w Ness,KS
GLO #1
Job Ticket: 62463 **DST#: 2**
Test Start: 2015.04.07 @ 15:54:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:11:10
Time Test Ended: 22:19:50
Interval: 4435.00 ft (KB) To 4480.00 ft (KB) (TVD)
Total Depth: 4540.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

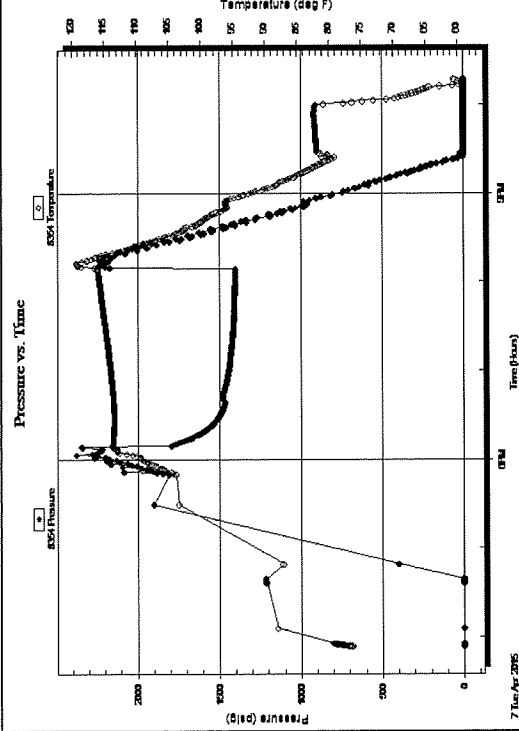
Test Type: Conventional Straddle (Reset)
Tester: Phillip Gage
Unit No: 77
Reference Elevations: 2450.00 ft (KB)
2442.00 ft (CF)
8.00 ft
KB to GR/CF:

Serial #: 8354 Below (Straddle)

Press@RunDepth: psig @ 4491.00 ft (KB)
Start Date: 2015.04.07 End Date:
Start Time: 15:54:01 End Time:

Capacity: 8000.00 psig
Last Calib.: 2015.04.07
Time On Btm: 22:17:32
Time Off Btm:

TEST COMMENT: 30-IF-Built to 4 1/2"
30-IS-No Return
30-FF-Built to 1 1/4"
30-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
117.00	VSWCM, w ith oil spots, 98%w, 2%w	0.58
30.00	M, w ith oil spots, 100%w	0.42

Gas Rates

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

* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 62463

Printed: 2015.04.08 @ 15:33:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

35-20s-26w Ness,KS

4924 SE 84th Street
New ton, KS 67114

GLO #1

Job Ticket: 62463

DST#: 2

ATTN: Jerry Smith

Test Start: 2015.04.07 @ 15:54:00

Tool Information

Drill Pipe:	Length: 4299.00 ft	Diameter: 3.80 inches	Volume: 60.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 60000.00 lb
Drill Pipe Above KB:	3.00 ft	Total Volume: 60.88 bbl		Tool Chased 0.00 ft
Depth to Top Packer:	4435.00 ft			String Weight: Initial 58000.00 lb
Depth to Bottom Packer:	4481.00 ft			Final 58000.00 lb
Interval between Packers:	46.00 ft			
Tool Length:	131.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4418.00	
Hydraulic tool	5.00			4423.00	
Jars	5.00			4428.00	
Safety Joint	2.00			4430.00	
Packer	5.00			4435.00	22.00
Packer - Shale	5.00			4440.00	Bottom Of Top Packer
Stub	1.00			4441.00	
Perforations	1.00			4442.00	
Change Over Sub	1.00			4443.00	
Drill Pipe	31.00			4474.00	
Change Over Sub	1.00			4475.00	
Recorder	0.00	8897	Inside	4475.00	
Recorder	0.00	8898	Outside	4475.00	
Perforations	5.00			4480.00	
Blank Off Sub	1.00			4481.00	
Packer	5.00			4486.00	46.00
Packer	5.00			4491.00	Tool Interval
Recorder	0.00	8354	Below	4491.00	
Perforations	17.00			4508.00	
Change Over Sub	1.00			4509.00	
Drill Pipe	31.00			4540.00	
Change Over Sub	1.00			4541.00	
Bullnose	3.00			4544.00	63.00
					Bottom Packers & Anchor

Total Tool Length: 131.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

35-20s-26w Ness,KS

4924 SE 84th Street
New ton, KS 67114

GLO #1

Job Ticket: 62463

DST#:2

ATTN: Jerry Smith

Test Start: 2015.04.07 @ 15:54:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.58 in³
Resistivity: ohm.m
Salinity: 4100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:
Oil API:
Water Salinity: deg API
ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
117.00	VSWCM, with oil spots, 98%m, 2%w	0.575
30.00	M, with oil spots, 100%m	0.421

Total Length: 147.00 ft Total Volume: 0.996 bbl

Num Fluid Samples: 0

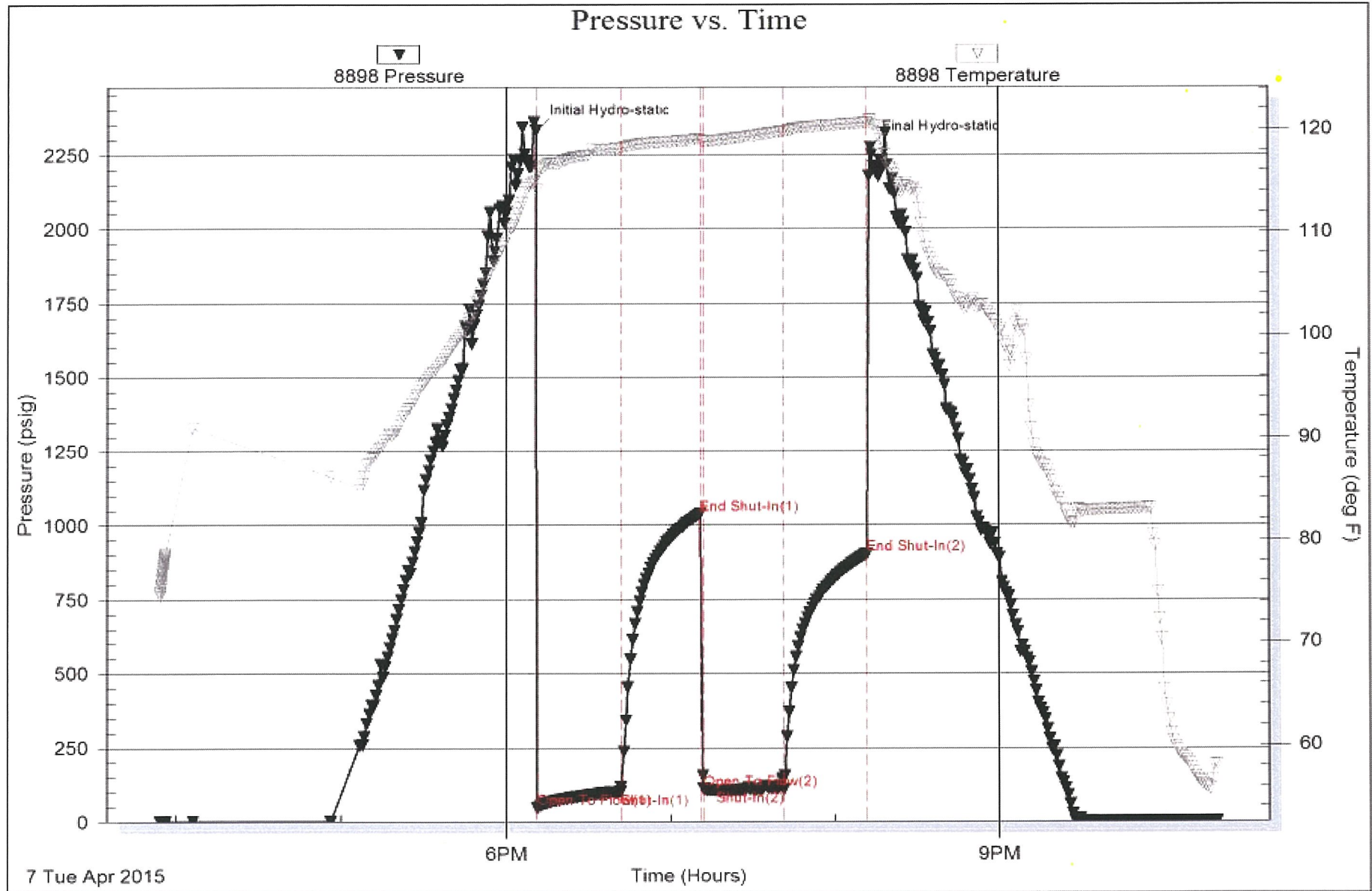
Num Gas Bombs: 0

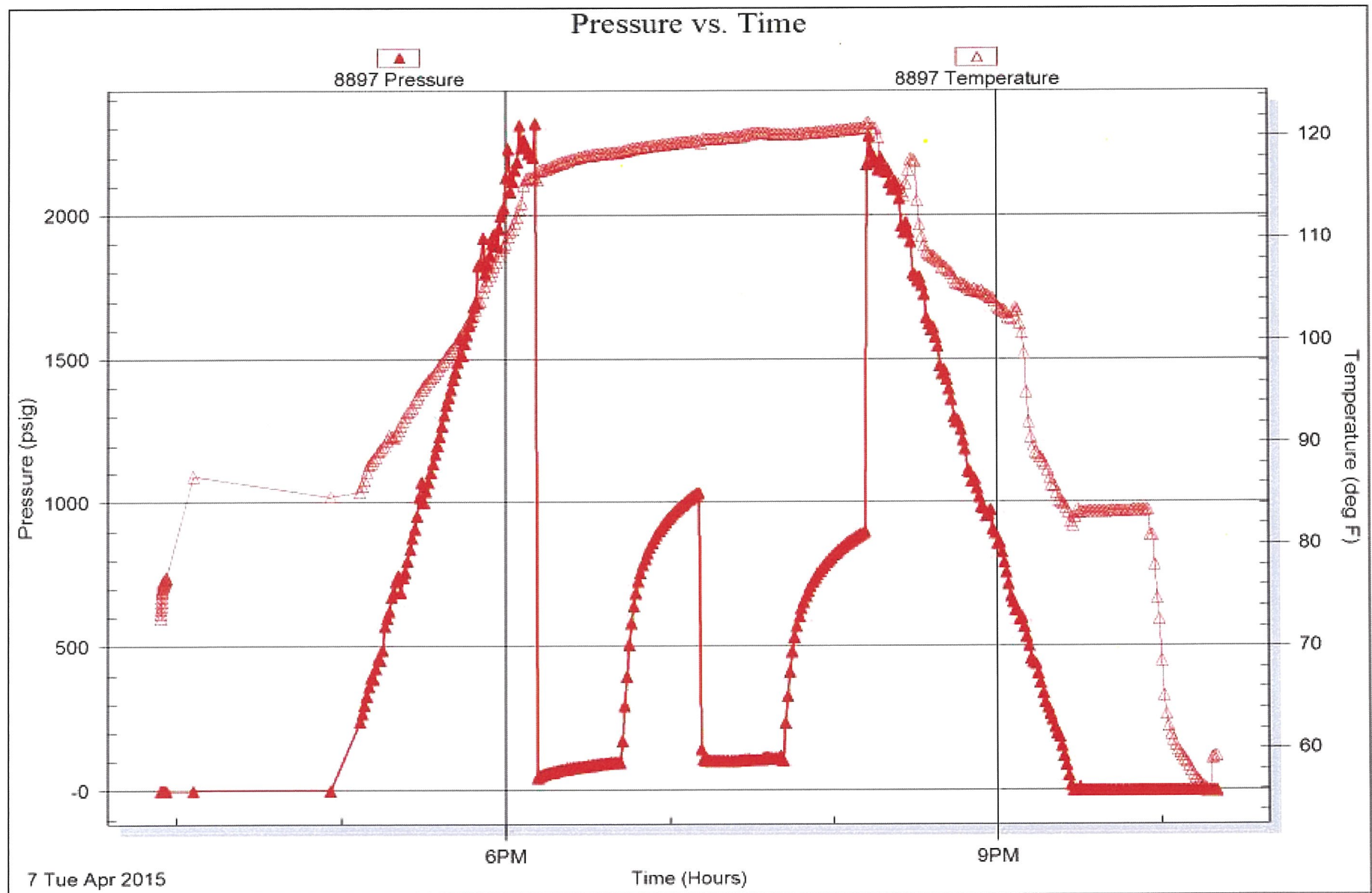
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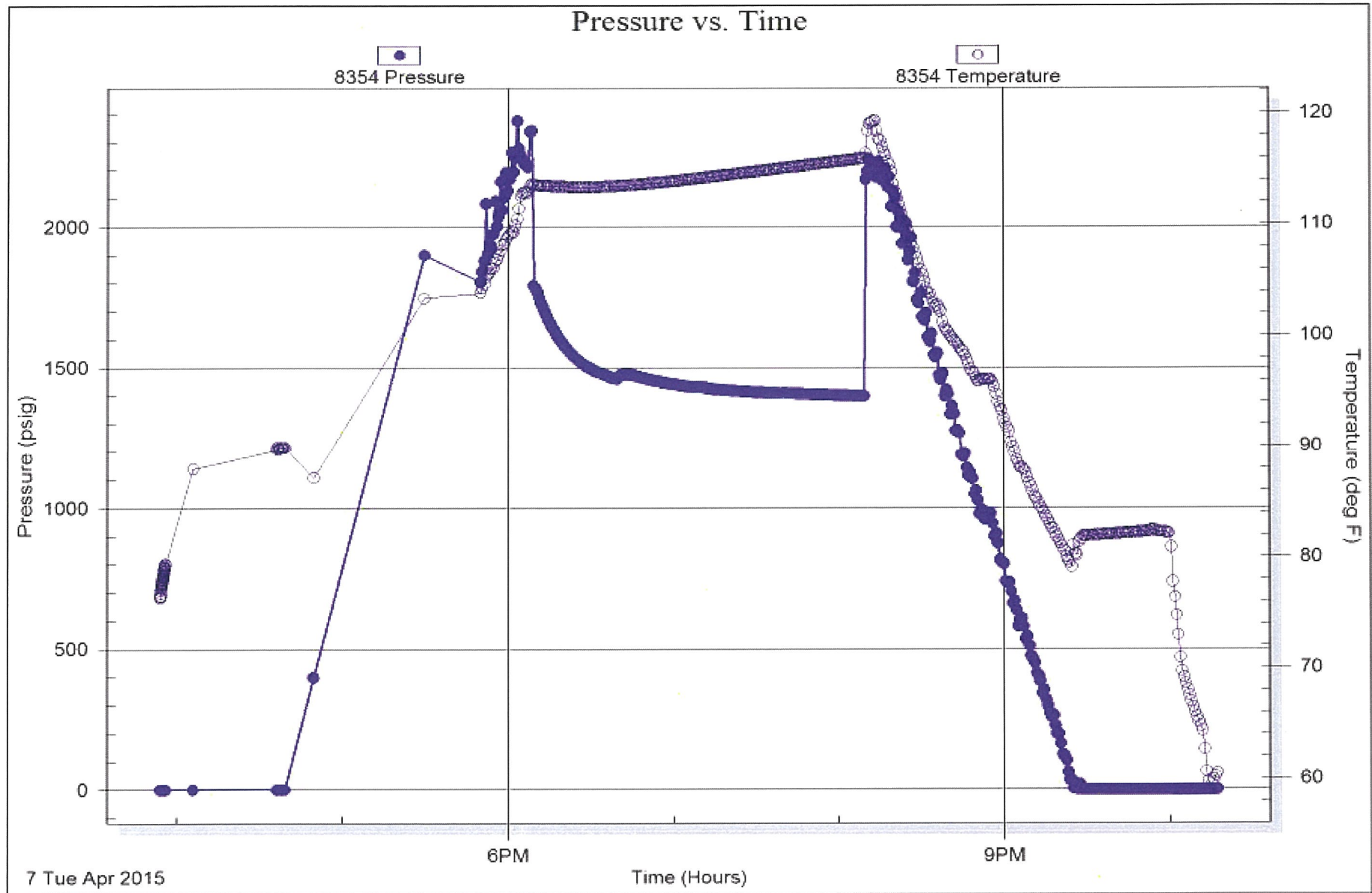
Laboratory Name:

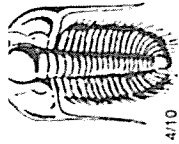
Laboratory Location:

Recovery Comments:









4/10

TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62462

Well Name & No. GLO #1 Test No. 1 Date 4-6-15
 Company Palumbo Petroleum, Inc. Elevation 2450 KB 2442 GL
 Address 4924 SE 84th St, Newton, KS 67114
 Co. Rep / Geo. Jerry Smith Rig Ww 12
 Location: Sec. 35 Twp. 20s Rge. 26w Co. Miss State KS

Interval Tested 4373-4442 Zone Tested Mississippian Mud Wt. 9.7
 Anchor Length 69' Drill Pipe Run 4238 Vis 51
 Top Packer Depth 4368 Drill Collars Run 117' WL 10.8
 Bottom Packer Depth 4373 Wt. Pipe Run 0 LCM 1#
 Total Depth 4442 Chlorides 4,000 ppm System

Blow Description FF- back to 3'
ISE No Return
FF Surface Blow @ 1/2'
ISE No Return
 Rec 59' Feet of MW, with oil spots %gas _____ %oil _____ %water 20 %mud _____
 Rec 59' Feet of MW, with oil spots %gas _____ %oil _____ %water 40 %mud _____
 Rec 5' Feet of Clean Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____

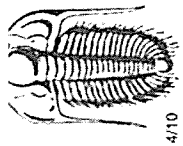
Rec Total 128' BHT 119 Gravity 37 API RW 23 @ 44 ° F Chlorides 57,008 ppm
 (A) Initial Hydrostatic 7,137 Test 1150 T-On Location 17,27
 (B) First Initial Flow 30 Jars 250 T-Started 17:34
 (C) First Final Flow 57 Safety Joint 75 T-Open 22:43
 (D) Initial Shut-In 167 Circ Sub T-Pulled 00:43
 (E) Second Initial Flow 61 Hourly Standby T-Out 03:05

(F) Second Final Flow 95 Mileage 180 RT 106
 (G) Final Shut-In 139 Sampler _____
 (H) Final Hydrostatic 2,192 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Total 1831
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1831

Comments Support to be set back at 192, as back at 20:15.

Approved By _____ Our Representative Phil A. Jones Thank You
 Triobite Testing Inc. shall not be liable for damaged 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.



4/10

**TRIOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62463

Well Name & No. GLO #1 Test No. 2 Date 4-7-15
 Company Palumbo Petroleum, Inc. Elevation 2450 KB 2442 GL
 Address 4924 SE 84th St, Newton, KS 67114
 Co. Rep / Geo. Jerry Smith Rig W612
 Location: Sec. 35 Twp. 20s Rge. 26w Co. Mass State KS

Interval Tested 4435-4480 Zone Tested Miss Mud Wt. 9.6
 Anchor Length 45' sandw 60' tail Drill Pipe Run 4299 Vis 52
 Top Packer Depth 4430 Drill Collars Run 117' WL 9.6
 Bottom Packer Depth ~~4430~~ 4435 Wt. Pipe Run 0 LCM 1#
 Total Depth 4540 Chlorides 4100 ppm System

Blow Description RF - Built to 9 1/2'
ES - No Return
FF - Built to 2 1/4'
FS - No Return

Rec	117'	Feet of USWCM with oil spots	%oil	%water	%mud
Rec	301	Feet of M, with oil spots	%oil	%water	%mud
Rec		Feet of	%oil	%water	%mud
Rec		Feet of	%oil	%water	%mud
Rec		Feet of	%oil	%water	%mud
Rec		Feet of	%oil	%water	%mud

Rec Total 147' BHT 120 Gravity API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 2,331 T-On Location 15154
 (B) First Initial Flow 47 T-Started 15154
 (C) First Final Flow 101 T-Open 18:12
 (D) Initial Shut-In 1,038 T-Pulled 20:12
 (E) Second Initial Flow 112 T-Out 22:21
 (F) Second Final Flow 108 Comments _____
 (G) Final Shut-In 902
 (H) Final Hydrostatic 2,275

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 30 Sub Total 0
 Total 2431
 MP/DST Disc't _____
 Sub Total 2431

Approved By [Signature] Our Representative [Signature]
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