



Confidentiality Requested:  
 Yes  No

**KANSAS CORPORATION COMMISSION 1207803**  
**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 Date Reached TD Completion Date or  
 Recompletion Date 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: \_\_\_\_\_

1207803

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Farrington 1
Doc ID	1207803

Tops

Name	Top	Datum
Anhy.	1978	(+ 610)
Base Anhy.	2011	(+ 577)
Heebner	3882	(-1294)
Lansing	3926	(-1338)
Stark Sh.	4162	(-1574)
BKC	4222	(-1634)
Pawnee	4348	(-1760)
Ft. Scott	4424	(-1836)
Cherokee Sh.	4448	(-1860)
Miss.	4523	(-1935)
LTD	4660	(-2072)

APR 21 2014



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142533

Invoice Date: Apr 11, 2014

Page: 1

Voice: (817) 546-7282  
Fax: (817) 246-3361

<b>Bill To:</b>
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	62872	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Great Bend	Apr 11, 2014	5/11/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Farrington #1		
295.00	CEMENT MATERIALS	Light Weight	16.50	4,867.50
74.00	CEMENT MATERIALS	Flo Seal	2.97	219.78
358.79	CEMENT SERVICE	Cubic Feet Charge	2.48	889.80
525.70	CEMENT SERVICE	Ton Mileage Charge	2.60	1,366.82
1.00	CEMENT SERVICE	Port Collar	2,249.84	2,249.84
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
1.00	CEMENT SERVICE	Manifold Rental	400.00	400.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Daniel Casper		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 2,083.45

ONLY IF PAID ON OR BEFORE  
May 6, 2014

Subtotal	10,417.24
Sales Tax	312.87
Total Invoice Amount	10,730.11
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,730.11</b>

# ALLIED OIL & GAS SERVICE LLC 062872

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Agave Road Rn

DATE <u>4-11-14</u>	SEC. <u>16</u>	TWP. <u>16</u>	RANGE <u>25</u>	CALLED OUT <u>6:00 AM</u>	ON LOCATION <u>8:00 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>Farmington</u>	WELL # <u>J</u>		LOCATION <u>Amada SW, 1/4 N, E/S</u>		COUNTY <u>Winn</u>	STATE <u>Kn</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Chapman Well Service OWNER Some

TYPE OF JOB Port Callon

HOLE SIZE _____ T.D. _____ CASING SIZE <u>9 1/2</u> DEPTH _____ TUBING SIZE <u>2"</u> DEPTH _____ DRILL PIPE _____ DEPTH _____ TOOL <u>Port Callon</u> DEPTH <u>1935</u> PRES. MAX _____ MINIMUM _____ MEAS. LINE _____ SHOE JOINT _____ CEMENT LEFT IN CSG. _____ PERFS. _____ DISPLACEMENT <u>6 1/2</u>	CEMENT AMOUNT ORDERED <u>325 cu. 65/35 1070 Hbl</u> <u>1/4" # 2 round / sh</u> <u>used 295 cu</u> COMMON <u>189</u> @ <u>17.90</u> POZMIX _____ @ _____ GEL _____ @ _____ CHLORIDE _____ @ _____ ASC _____ @ _____ <u>295 cu hite</u> @ <u>16.50</u> <u>4867.50</u> <u>860 cu</u> @ <u>2.97</u> <u>219.28</u> HANDLING <u>358.79</u> @ <u>2.48</u> <u>889.19</u> MILEAGE <u>15.02 x 35</u> @ <u>2.60</u> <u>1.366.82</u> ( <u>1.468.78</u> ) 20% TOTAL <u>7.343.89</u>
--	---

EQUIPMENT

PUMP TRUCK CEMENTER <u>Tom Hedden</u> # <u>597</u> HELPER <u>Kevin Gddy</u> BULK TRUCK # <u>1603</u> DRIVER <u>Don Cooper</u> BULK TRUCK # _____ DRIVER _____	
--	--

**REMARKS:**

Port Callon @ 1935' Pressured to 1000'  
& Hold Opened Port Callon. Mixed 495 cu  
65/35 62 Hbl 1/4" # 2 round / sh Displaced 6 1/2  
Hbl. closed Port Callon Pressured to  
1100' & Hold. Ran 5 pts & worked tubing  
clean  
Cement did circulate  
KCC witnessed

CHARGE TO: Palomino  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
Therker

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Blair Hinkel  
 SIGNATURE Blair Hinkel

**SERVICE**

DEPTH OF JOB <u>1935</u> PUMP TRUCK CHARGE <u>2249.89</u> EXTRA FOOTAGE _____ @ _____ MILEAGE <u>Hum 35</u> @ <u>7.70</u> <u>269.50</u> MANIFOLD _____ @ <u>400.00</u> <u>400.00</u> <u>Lum 35</u> @ <u>4.40</u> <u>154.00</u>	
---	--

( 614.68 ) 20% TOTAL 3.073.34

**PLUG & FLOAT EQUIPMENT**

_____ @ _____ _____ @ _____ _____ @ _____ _____ @ _____ _____ @ _____	
---	--

( 0% ) TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 10.417.23  
 DISCOUNT 20% 2.083.95 IF PAID IN 30 DAYS  
8.333.78

APR 21 2014



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142525

Invoice Date: Apr 6, 2014

Page: 1

Voice: (817) 546-7282  
Fax: (817) 246-3361

<b>Bill To:</b>
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	62719	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Apr 6, 2014	5/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Barrington #1		
100.00	CEMENT MATERIALS	Class A Common	17.90	1,790.00
125.00	CEMENT MATERIALS	ASC	20.90	2,612.50
5.00	CEMENT MATERIALS	Salt	26.35	131.75
650.00	CEMENT MATERIALS	Kol Seal	0.98	637.00
500.00	CEMENT MATERIALS	DV-1100	1.27	635.00
3.00	CEMENT MATERIALS	KCL	34.40	103.20
16.00	CEMENT MATERIALS	Defoamer	9.80	156.80
267.91	CEMENT SERVICE	Cubic Feet Charge	2.48	664.42
417.55	CEMENT SERVICE	Ton Mileage Charge	2.60	1,085.63
1.00	CEMENT SERVICE	Production Casing	2,765.75	2,765.75
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
1.00	CEMENT SERVICE	Manifold Rental	400.00	400.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	408.33	408.33
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug	398.00	398.00
2.00	EQUIPMENT SALES	5-1/2 Basket	394.29	788.58
10.00	EQUIPMENT SALES	5-1/2 Centralizer	57.33	573.30
1.00	EQUIPMENT SALES	5-1/2 Port Collar	3,042.00	3,042.00
1.00	CEMENT SUPERVISOR	Charles Kinyon		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 3,323.15

ONLY IF PAID ON OR BEFORE  
May 1, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142525  
Invoice Date: Apr 6, 2014  
Page: 2

Voice: (817) 546-7282  
Fax: (817) 246-3361

<b>Bill To:</b>
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	62719	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Apr 6, 2014	5/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Daniel Casper		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 3,323.15

ONLY IF PAID ON OR BEFORE  
May 1, 2014

Subtotal	16,615.76
Sales Tax	693.50
Total Invoice Amount	17,309.26
Payment/Credit Applied	
<b>TOTAL</b>	<b>17,309.26</b>

# ALLIED OIL & GAS SERVICES, LLC 062719

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
*great Bend*

DATE <u>4-6-14</u>	SEC <u>16</u>	TWP <u>16</u>	RANGE <u>25</u>	CALLED OUT <u>4:00pm</u>	ON LOCATION <u>7:30pm</u>	JOB START <u>11:00pm</u>	JOB FINISH <u>12:30am</u>
LEASE <u>Pocumtong</u>	WELL # <u>1</u>		LOCATION <u>arnold street to Hwy 70</u>		COUNTY <u>Perm</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/4 north east data</u>				

CONTRACTOR <u>WJW drilling #10</u>	OWNER <u>same</u>
TYPE OF JOB <u>production</u>	
HOLE SIZE <u>7 7/8</u> T.D. <u>4660</u>	CEMENT
CASING SIZE <u>5 1/2</u> DEPTH <u>4659.84</u>	AMOUNT ORDERED <u>100M class A 107-salt</u>
TUBING SIZE _____ DEPTH _____	<u>125M class ASC 107-salt 27-gal</u>
DRILL PIPE _____ DEPTH _____	<u>67-gal seal 5# Kolseal 107</u>
TOOL <u>port collar</u> DEPTH _____	
PRES. MAX <u>1900</u> MINIMUM <u>900</u>	COMMON <u>100</u> @ <u>17.90</u> <u>1790.00</u>
MEAS. LINE _____ SHOEL JOINT <u>43.22</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>43.22'</u>	GEL _____ @ _____
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <u>H2O</u>	ASC <u>125</u> @ <u>20.90</u> <u>2,612.50</u>
EQUIPMENT	Salt <u>500</u> @ <u>26.35</u> <u>131.75</u>
PUMP TRUCK CEMENTER <u>Charles Kingon</u>	<u>Kalseal 1650</u> @ <u>0.98</u> <u>637.00</u>
# <u>597</u> HELPER <u>Mike Northon</u>	<u>DV1100 500 gal</u> @ <u>1.27</u> <u>635.00</u>
BULK TRUCK	<u>KCl 3 gal</u> @ <u>34.40</u> <u>103.20</u>
# <u>870-844</u> DRIVER <u>Dean Cooper</u>	<u>OF 16</u> @ <u>9.80</u> <u>156.80</u>
BULK TRUCK	
# _____ DRIVER _____	

REMARKS:  
Rig Ran 4659.84' cas rig up  
head Brake circulator w/ Reg  
Mud hook to head 5 BBI H2O 10'  
BBI DV1100 500 gal H2O shut down  
plug hot bot. w/ 3024 hook to  
head mix 100M class A 107-salt  
head mix 125M class ASC 107-salt 27  
gal 67-gal seal 5# Kolseal 107 salt  
shut down Wash pumps line. Release plug  
displace 115 BBI H2O Plug did land

CHARGE TO: Palomares Petroleum  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
float did hold  
displ 20 BBI displace KCl water

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Glenn Linker  
SIGNATURE X Glenn Linker

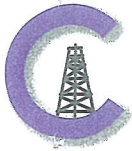
HANDLING <u>267.91</u>	@ <u>2.48</u>	<u>664.41</u>
MILEAGE <u>11.93 x 35 x</u>	<u>2.60</u>	<u>1,085.63</u>
<u>(1563.26/20%)</u>		<u>TOTAL 7,816.29</u>

SERVICE		
DEPTH OF JOB <u>4659.84'</u>		
PUMP TRUCK CHARGE <u>2,765.75</u>		
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>Hwy 35</u>	@ <u>7.70</u>	<u>269.50</u>
MANIFOLD _____	@ <u>400.00</u>	<u>400.00</u>
_____	@ _____	_____
_____	@ <u>4.70</u>	<u>157.00</u>
<u>(717.95/20%)</u>		<u>TOTAL 3,589.25</u>

PLUG & FLOAT EQUIPMENT		
<u>5 1/2 - AFU float shoe</u>	<u>408.33</u>	<u>408.33</u>
<u>latch down plug</u>	@ <u>398.00</u>	<u>398.00</u>
<u>2- Baskets</u>	@ <u>394.29</u>	<u>788.58</u>
<u>10- Containers</u>	@ <u>57.33</u>	<u>573.30</u>
<u>port collar</u>	@ <u>3042.00</u>	<u>3042.00</u>
	@ _____	_____
<u>(1042.04/20%)</u>		<u>TOTAL 5,210.21</u>

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 16,615.75  
DISCOUNT 3,323.15 (20%) IF PAID IN 30 DAYS  
13,292.60  
thank you!





**CONSOLIDATED**  
Oil Well Services, LLC

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

RECEIVED

APR 02 2014

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

INVOICE

Invoice # 266991

Invoice Date: 03/31/2014 Terms: 10/10/30,n/30

Page 1

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

FARRINGTON  
44660  
16-16-25  
03-29-2014  
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)	160.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-190.32

Description	Hours	Unit Price	Total
399 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
399 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.25	210.00
566 TON MILEAGE DELIVERY	1.00	543.20	543.20

Amount Due 5705.02 if paid after 04/30/2014

Parts:	3581.55	Freight:	.00	Tax:	198.24	AR	5134.51
Labor:	.00	Misc:	.00	Total:	5134.51		
Sublt:	-548.48	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

266991

TICKET NUMBER 44660

LOCATION OAKLEY KS.

FOREMAN DAMON M.

PO Box 684, Chanute, KS 66720  
620-431-9210 or 800-467-8676

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-29-14	6285	FARRINGTON	16	16	25	NESS	
CUSTOMER <u>PALAMINO</u>		ARNOLD 3W 14N E INTO		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>4924 SE 84th ST</u>				<u>399</u>	<u>MIKER</u>		
CITY <u>NEWTON</u>		STATE <u>KS.</u>	ZIP CODE <u>67114</u>	<u>566</u>	<u>STEVEN</u>		

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 221 CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 221.37 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 13.0 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting Rig up on WW#10 circ casing to  
Bottom mix 165 ~~20~~ SKS com class A 3% CL 2% GEL DISPLACED  
13 BBL of H2O SHUT IN WASHED UP & RIGGED DOWN.

CEMENT DID CIRC.  
APPROX 2BBL TO THE PIT.

THANK YOU DAMON & CREW

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00 ✓
5406	40	MILEAGE	5.25	210.00 ✓
5407A	7.24	ton MILEAGE DELIVERY	1.75	543.20 ✓
11045	165 SKS	COM CLASS A.	18.55	3060.75 ✓
1102	#465	CALCIUM CHLORIDE	.94	437.10 ✓
1118B	#310	BENTONITE	.27	83.70 ✓
1111	#160	SALT	N/C	N/C ✓
			SUBTOTAL	5484.75 ✓
			LESS 10%	548.48 ✓
			SUBTOTAL	4936.27 ✓
			SALES TAX	198.24 ✓
			ESTIMATED TOTAL	5134.51 ✓

**completed**

Ravin 3737

AUTHORIZATION [Signature]

TITLE T.P.

DATE 3-29-14

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

ATTN: Andrew Stenzel

**Farrington #1**

**16-16-25-Ness,KS**

Start Date: 2014.04.03 @ 13:14:13

End Date: 2014.04.03 @ 19:45:43

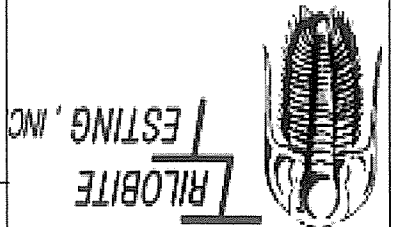
Job Ticket #: 57555      DST #: 1

Triobite Testing, Inc

PO Box 362 Hays, KS 67601

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

# DRILL STEM TEST REPORT



Palomino Petroleum Inc

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

16-16-25-Ness,KS

Farrington #1

Job Ticket: 57555

DST#: 1

Test Start: 2014.04.03 @ 13:14:13

## GENERAL INFORMATION:

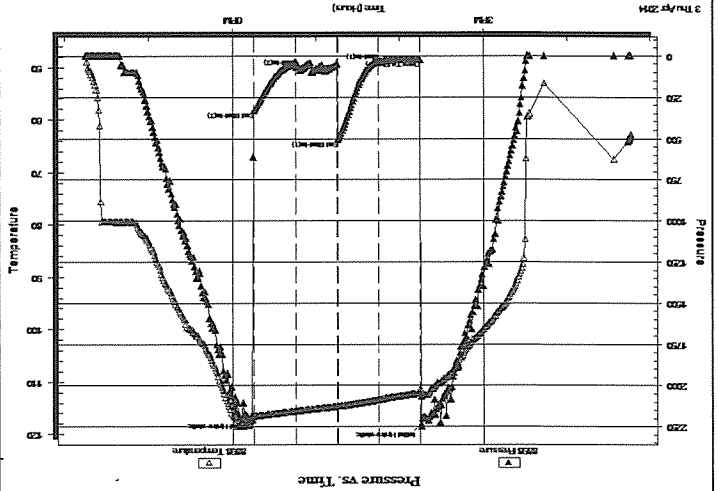
Formation: Miss.  
Deviated: No  
Whipstock: No  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Tate Lang  
Unit No: 49  
Reference Elevations: 2588.00 ft (KB) 2583.00 ft (CF) 5.00 ft  
Interval: 445.00 ft (KB) To 4535.00 ft (KB) (TVD)  
Total Depth: 4535.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches-Hole Condition: Good  
Serial #: 8898

Start Date: 2014.04.03  
End Date: 2014.04.03  
Start Time: 13:14:14  
End Time: 19:45:43  
Capacity: 8000.00 psig  
Last Calib.: 2014.04.03  
Time On Btm: 2014.04.03 @ 15:44:53  
Time Off Btm: 2014.04.03 @ 17:45:52

TEST COMMENT: Weak surface blow built to 3/4 in  
Dead no blow  
Dead no blow  
Dead no blow back

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.10	112.69	Initial Hydro-static
1	23.93	111.25	Open To Flow (1)
31	29.62	113.40	Shut-In(1)
60	510.35	114.68	End Shut-In(1)
60	44.73	114.55	Open To Flow (2)
90	67.60	115.54	Shut-In(2)
120	332.37	116.52	End Shut-In(2)
121	2179.38	117.13	Final Hydro-static



## Recovery

Length (ft)	Description	Volume (bbl)
5.00	5% O 95% M	0.02

## Gas Rates

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

Tribolite Testing, Inc

Ref. No: 57555

Printed: 2014.04.04 @ 13:44:14

# DRILL STEM TEST REPORT



Palomino Petroleum Inc

16-16-25-Ness, KS

4924 SE 84th St.  
New ton KS 67114

Farrington #1

ATTN: Andrew Stenzel

Job Ticket: 57555

DST#: 1

Test Start: 2014.04.03 @ 13:14:13

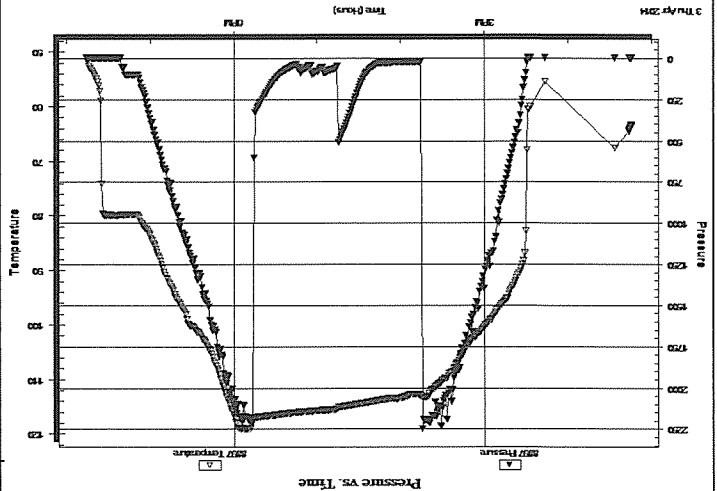
## GENERAL INFORMATION:

Formation: Miss.  
Deviated: No  
Whipstock: No  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Tale Lang  
Unit No: 49  
Reference Elevations: 2588.00 ft (KB) 2583.00 ft (CF) 5.00 ft  
Interval: 445.00 ft (KB) To 4535.00 ft (KB) (TVD)  
Total Depth: 4535.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches  
Hole Condition: Good

## TEST COMMENT:

Weak surface blow built to 3/4 in  
Dead no blow  
Dead no blow  
Dead no blow back

**Serial #: 8897** Inside  
Press@RunDepth: psig @ 4467.00 ft (KB)  
Start Date: 2014.04.03  
End Date: 2014.04.03  
Capacity: 8000.00 psig  
Last Callb.: 2014.04.03  
Time On Btm: 19:45:59  
Time Off Btm:



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bb)
5.00	5% O 95% M	0.02

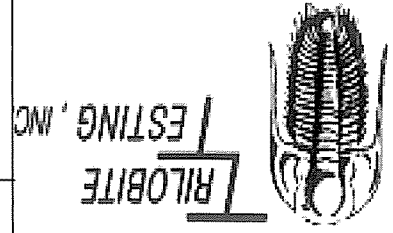
## Gas Rates

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

TOOL DESCRIPTION		Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool		5.00				4423.00
Hydraulic tool		5.00				4428.00
Jars		5.00				4433.00
Safety Joint		2.00				4435.00
Packer		5.00				4440.00
Packer		5.00				4445.00
Stub		1.00				4446.00
Perforations		21.00				4467.00
Recorder		0.00	8897	Inside		4467.00
Recorder		0.00	8898	Outside		4467.00
Change Over Sub		1.00				4468.00
Drill Pipe		63.00				4531.00
Change Over Sub		1.00				4532.00
Bullnose		3.00				4535.00
<b>Total Tool Length: 117.00</b>						
Bottom Packers & Anchor						
Bottom Of Top Packer						
<p><b>Tool Information</b></p> <p>Drill Pipe: Length: 4326.00 ft Diameter: 3.80 inches Volume: 60.68 bbl Tool Weight: 2200.00 lb</p> <p>Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb</p> <p>Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 90000.00 lb</p> <p>Drill Pipe Above KB: 30.00 ft Total Volume: 61.28 bbl</p> <p>Depth to Top Packer: 4445.00 ft</p> <p>Depth to Bottom Packer: ft</p> <p>Interval between Packers: 90.00 ft</p> <p>Tool Length: 117.00 ft</p> <p>Number of Packers: 2 Diameter: 6.50 inches</p> <p>Tool Comments:</p>						
<p><b>16-16-25-Ness,KS</b></p> <p><b>Farrington #1</b></p> <p>Job Ticket: 57555</p> <p>DST#: 1</p> <p>ATTN: Andrew Stenzel</p> <p>Test Start: 2014.04.03 @ 13:14:13</p>						
<p>Palomino Petroleum Inc</p> <p>4924 SE 84th St.</p> <p>New ton KS 67114</p>						

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**



**TOOL INFORMATION**

**Recovery Information**

Length ft	Description	Volume bbl
5.00	5%O 95%M	0.025
Total Length: 5.00 ft		Total Volume: 0.025 bbl

Num Fluid Samples: 0  
 Num Gas Bombs: 0  
 Laboratory Name:  
 Laboratory Location:  
 Recovery Comments:  
 Serial #:

Recovery Table

**Mud and Cushion Information**

Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 54.00 sec/qt  
 Water Loss: 7.19 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 5400.00 ppm  
 Filter Cake: 1.00 inches  
 Cushion Type:  
 Cushion Length: ft  
 Cushion Volume: bbl  
 Gas Cushion Type:  
 Gas Cushion Pressure: psig  
 Oil API:  
 Water Salinity: ppm  
 deg API



**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114  
 Job Ticket: 57555  
 DST#: 1  
 Farrington #1  
 16-16-25-Ness, KS  
 ATTN: Andrew Stenzel  
 Test Start: 2014.04.03 @ 13:14:13

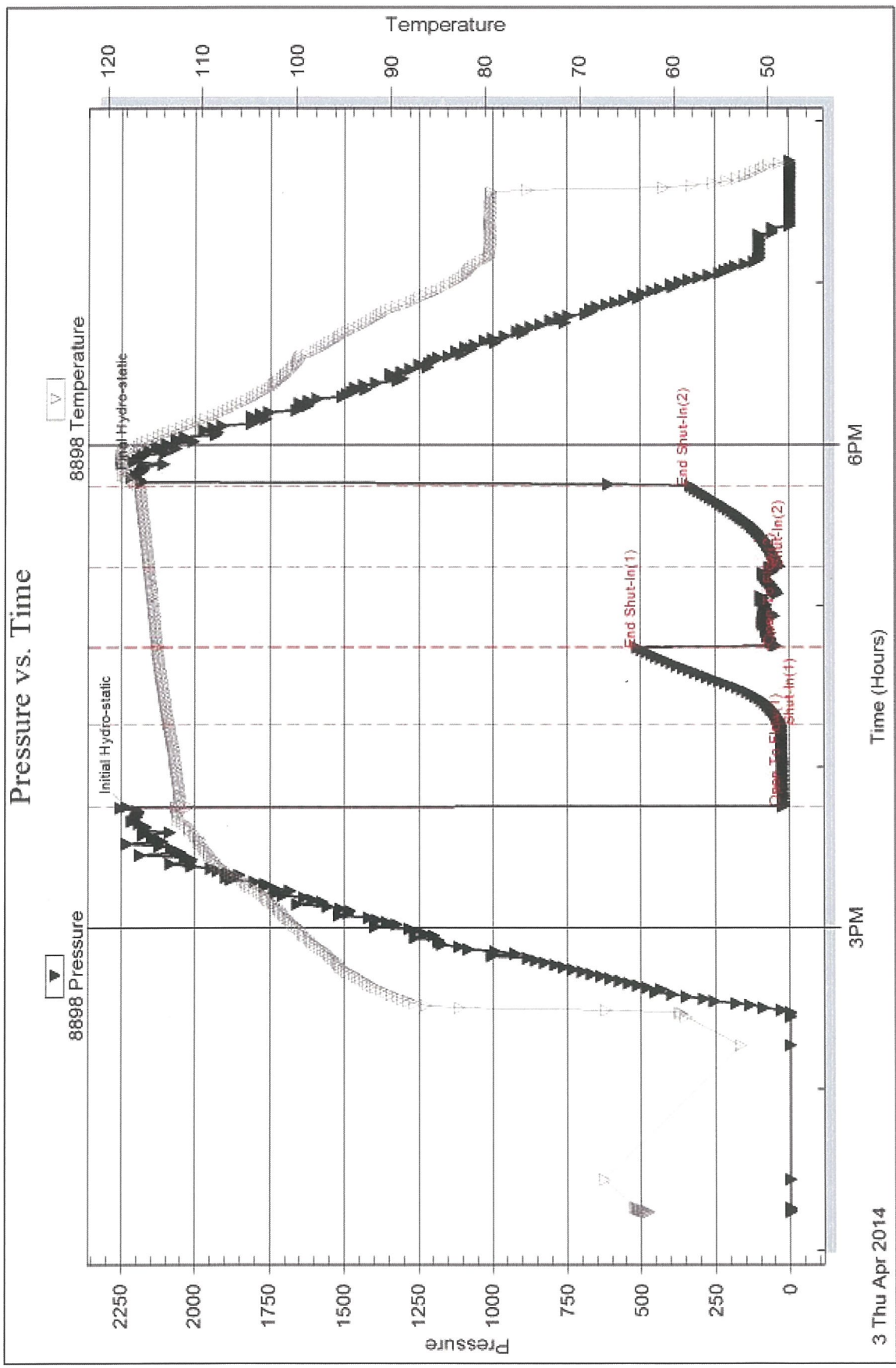
Serial #: 8898

Outside

Palomino Petroleum Inc

Farrington #1

DST Test Number: 1



3 Thu Apr 2014

3PM

Time (Hours)

6PM



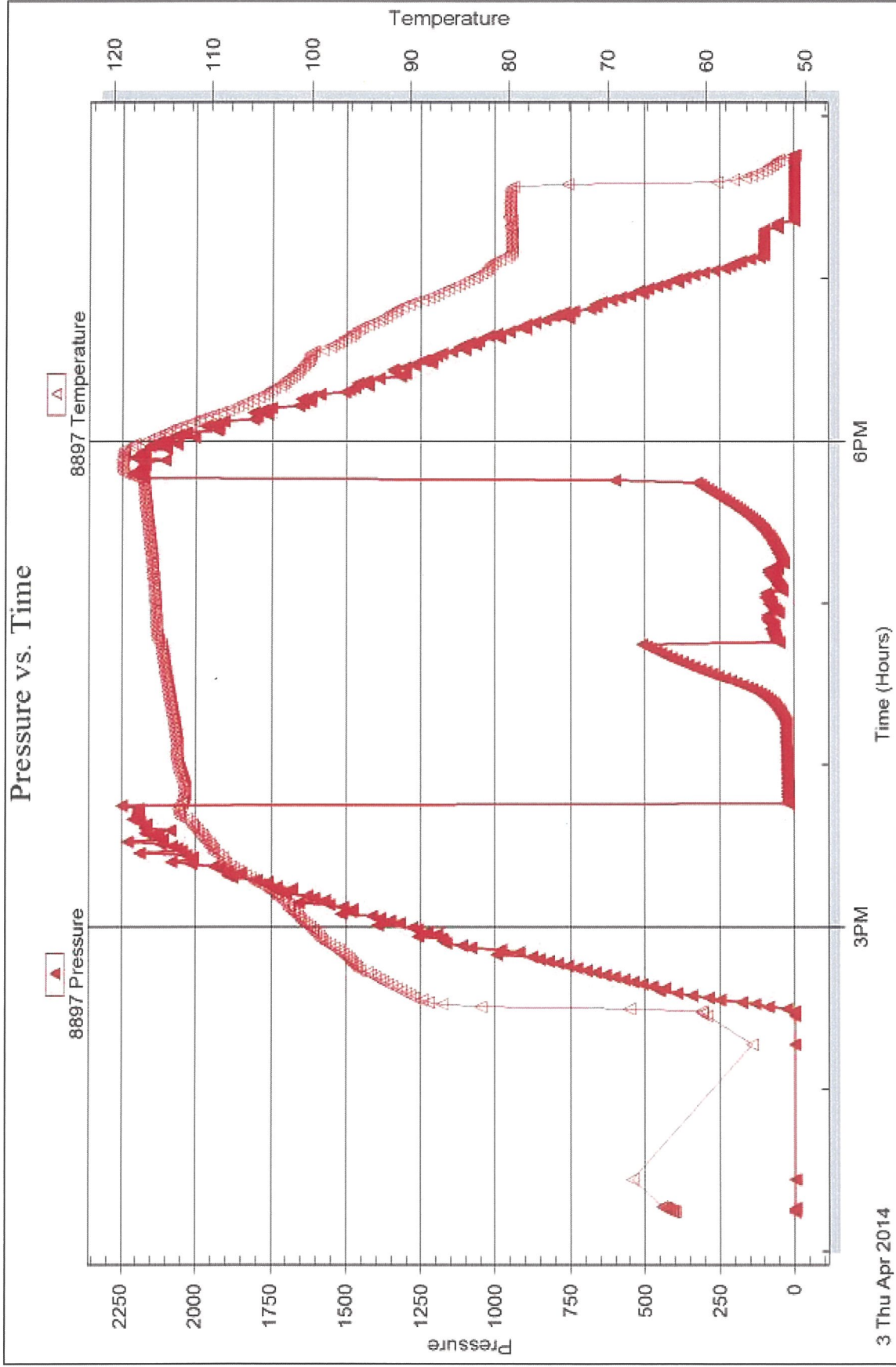
Serial #: 8897

Inside

Palomino Petroleum Inc

Farrington #1

DST Test Number: 1





**DRILL STEM TEST REPORT**

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.  
Newton KS 67114

ATTN: Andrew Stenzel

**Farrington #1**

**16-16-25-Ness,KS**

Start Date: 2014.04.04 @ 02:48:38

End Date: 2014.04.04 @ 09:44:08

Job Ticket #: 57556  
DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.04.04 @ 13:43:43

# DRILL STEM TEST REPORT



Palomino Petroleum Inc

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

16-16-25-Ness,KS

Farrington #1

Job Ticket: 57556

DST#: 2

Test Start: 2014.04.04 @ 02:48:38

## GENERAL INFORMATION:

Formation: Miss  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 04:50:18  
Time Test Ended: 09:44:08  
Interval: 4444.00 ft (KB) To 4550.00 ft (KB) (TVD)  
Total Depth: 4550.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inchesHole Condition: Good  
Reference Elevations: 2588.00 ft (KB)  
2583.00 ft (CF)  
5.00 ft  
KB to GR/CF:

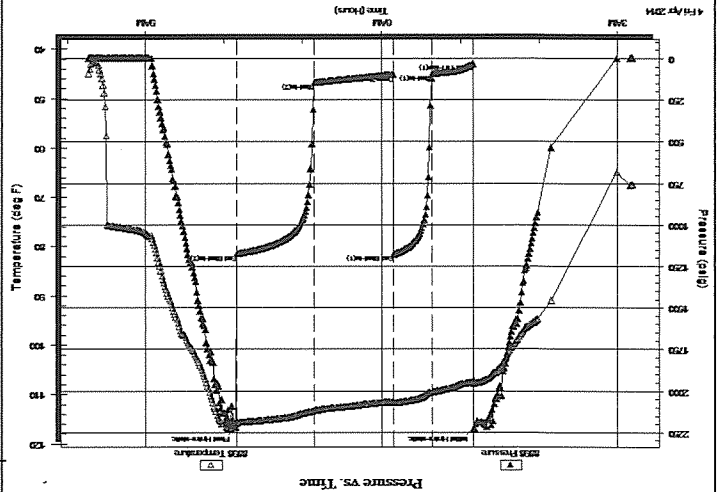
**Serial #: 8898**  
Outside  
Press@RunDepth: 144.77 psig @ 4451.00 ft (KB)  
Start Date: 2014.04.04  
End Date: 2014.04.04  
Start Time: 02:48:39  
End Time: 09:44:08  
Last Callb.: 2014.04.04  
Capacity: 8000.00 psig  
Time On Btm: 2014.04.04 @ 04:49:58  
Time Off Btm: 2014.04.04 @ 07:51:28

## TEST COMMENT:

Good blow built to 7 in  
Dead no blow back  
B.O.B. in 45 mins  
Dead no blow back

## PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	107.81	2219.86	0
Open To Flow (1)	107.00	31.94	1
Shut-in(1)	109.50	93.12	32
End Shut-in(1)	111.73	1173.34	61
Open To Flow (2)	111.40	99.05	62
Shut-in(2)	113.23	144.77	122
End Shut-in(2)	115.70	1175.03	181
Final Hydro-static	116.03	2220.89	182



## Recovery

Length (ft)	Description	Volume (bbl)
60.00	5% G 35% O 60% M	0.30
220.00	5% G 55% O 40% M	2.52
0.00	80 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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

Triblote Testing, Inc

Ref. No: 57556

Printed: 2014.04.04 @ 13:43:43

# DRILL STEM TEST REPORT



Palominio Petroleum Inc

16-16-25-Ness, KS

4924 SE 84th St.  
New ton KS 67114

Farrington #1

ATTN: Andrew Stenzel

Job Ticket: 575556

DST#: 2

Test Start: 2014.04.04 @ 02:48:38

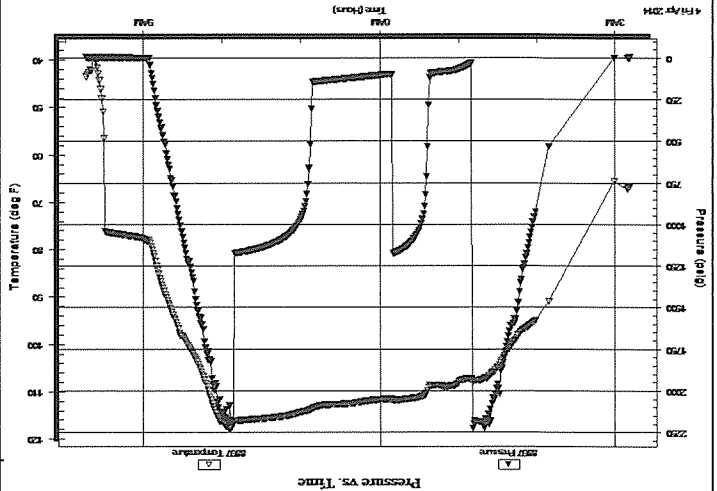
## GENERAL INFORMATION:

Formation: Miss  
 Deviated: No  
 Whipstock: No  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Tate Lang  
 Unit No.: 49  
 Reference Elevations: 2588.00 ft (KB) 2583.00 ft (CF) 5.00 ft  
 Interval: 4444.00 ft (KB) To 4550.00 ft (KB) (TVD)  
 Total Depth: 4550.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good

**Serial #: 8897** Inside  
 Press@RunDepth: psig @ 4451.00 ft (KB)  
 Start Date: 2014.04.04  
 End Date: 2014.04.04  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.04.04  
 Time On Btm: 09:44:08  
 Time Off Btm: 09:44:08

**TEST COMMENT:** Good blow built to 7 in  
 B.O.B. in 45 mins  
 Dead no blow back  
 Dead no blow back

## PRESSURE SUMMARY:



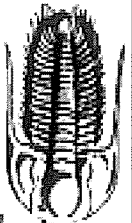
## Recovery

Length (ft)	Description	Volume (bb)
60.00	5% G 35% O 60% M	0.30
220.00	5% G 55% O 40% M	2.52
0.00	80 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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

DRILL STEM TEST REPORT		TOOL DIAGRAM																																									
<p><b>Palomino Petroleum Inc</b>                      4924 SE 84th St                      Newton KS 67114                      ATTN: Andrew Stenzel</p>		 <p><b>TRIBOLITE TESTING, INC</b></p>																																									
<p><b>16-16-25-Ness, KS</b>  <b>Farrington #1</b>                      Job Ticket: 57556                      DST#: 2                      Test Start: 2014.04.04 @ 02:48:38</p>		<p><b>Tool Information</b></p> <table border="0"> <tr> <td>Drill Pipe:</td> <td>Length: 4326.00 ft</td> <td>Diameter: 3.80 inches</td> <td>Volume: 60.68 bbl</td> <td>Tool Weight: 2200.00 lb</td> </tr> <tr> <td>Heavy Wt. Pipe:</td> <td>Length: 0.00 ft</td> <td>Diameter: 0.00 ft</td> <td>Volume: 0.00 bbl</td> <td>Weight set on Packer: 25000.00 lb</td> </tr> <tr> <td>Drill Collar:</td> <td>Length: 122.00 ft</td> <td>Diameter: 2.25 inches</td> <td>Volume: 0.60 bbl</td> <td>Weight to Pull Loose: 75000.00 lb</td> </tr> <tr> <td colspan="2">Drill Pipe Above KB: 31.00 ft</td> <td colspan="2">Total Volume: 61.28 bbl</td> <td>Tool Chased 5.00 ft</td> </tr> <tr> <td>Depth to Top Packer:</td> <td>4444.00 ft</td> <td colspan="3">String Weight: Initial 62000.00 lb</td> </tr> <tr> <td>Depth to Bottom Packer:</td> <td>ft</td> <td colspan="3">Final 62000.00 lb</td> </tr> <tr> <td>Interval between Packers:</td> <td>106.00 ft</td> <td colspan="3">Tool Length: 133.00 ft</td> </tr> <tr> <td>Number of Packers:</td> <td>2</td> <td>Diameter:</td> <td>6.50 inches</td> <td>Tool Comments:</td> </tr> </table>		Drill Pipe:	Length: 4326.00 ft	Diameter: 3.80 inches	Volume: 60.68 bbl	Tool Weight: 2200.00 lb	Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 ft	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb	Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb	Drill Pipe Above KB: 31.00 ft		Total Volume: 61.28 bbl		Tool Chased 5.00 ft	Depth to Top Packer:	4444.00 ft	String Weight: Initial 62000.00 lb			Depth to Bottom Packer:	ft	Final 62000.00 lb			Interval between Packers:	106.00 ft	Tool Length: 133.00 ft			Number of Packers:	2	Diameter:	6.50 inches	Tool Comments:
Drill Pipe:	Length: 4326.00 ft	Diameter: 3.80 inches	Volume: 60.68 bbl	Tool Weight: 2200.00 lb																																							
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 ft	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb																																							
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb																																							
Drill Pipe Above KB: 31.00 ft		Total Volume: 61.28 bbl		Tool Chased 5.00 ft																																							
Depth to Top Packer:	4444.00 ft	String Weight: Initial 62000.00 lb																																									
Depth to Bottom Packer:	ft	Final 62000.00 lb																																									
Interval between Packers:	106.00 ft	Tool Length: 133.00 ft																																									
Number of Packers:	2	Diameter:	6.50 inches	Tool Comments:																																							
Tool Description		Length (ft) Serial No. Position Depth (ft) Accum. Lengths																																									
Shut In Tool	5.00	4422.00																																									
Hydraulic tool	5.00	4427.00																																									
Jars	5.00	4432.00																																									
Safety Joint	2.00	4434.00																																									
Packer	5.00	4439.00		Bottom Of Top Packer 27.00																																							
Packer	5.00	4444.00																																									
Stub	1.00	4445.00																																									
Perforations	6.00	4451.00																																									
Recorder	0.00	4451.00	Inside 8897																																								
Recorder	0.00	4451.00	Outside 8898																																								
Change Over Sub	1.00	4452.00																																									
Blank spacing	31.00	4483.00																																									
Drill Pipe	63.00	4546.00																																									
Change Over Sub	1.00	4547.00																																									
Bullnose	3.00	4550.00		Bottom Packers & Anchor 106.00																																							
<b>Total Tool Length:</b>		<b>133.00</b>																																									

**Recovery Information**

Total Length: 280.00 ft Total Volume: 2.816 bbl  
 Num Fluid Samples: 0 Num Gas Bombs: 0  
 Laboratory Name: Laboratory Location: Serial #:  
 Recovery Comments:

Length ft	Description	Volume bbl
60.00	5%G 35%O 60%M	0.295
220.00	5%G 55%O 40%M	2.521
0.00	80 GIP	0.000

Recovery Table

**Mud and Cushion Information**

Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 54.00 sec/qt  
 Water Loss: 7.18 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 5400.00 ppm  
 Filter Cake: 1.00 inches  
 Cushion Type:  
 Cushion Length: ft  
 Cushion Volume: bbl  
 Gas Cushion Type:  
 Gas Cushion Pressure: psig  
 Oil API:  
 Water Salinity: ppm  
 deg API



**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114  
 ATTN: Andrew Stenzel  
 Test Start: 2014.04.04 @ 02:48:38  
 Job Ticket: 57556  
 DST#: 2  
 Farrington #1  
 16-16-25-Ness, KS

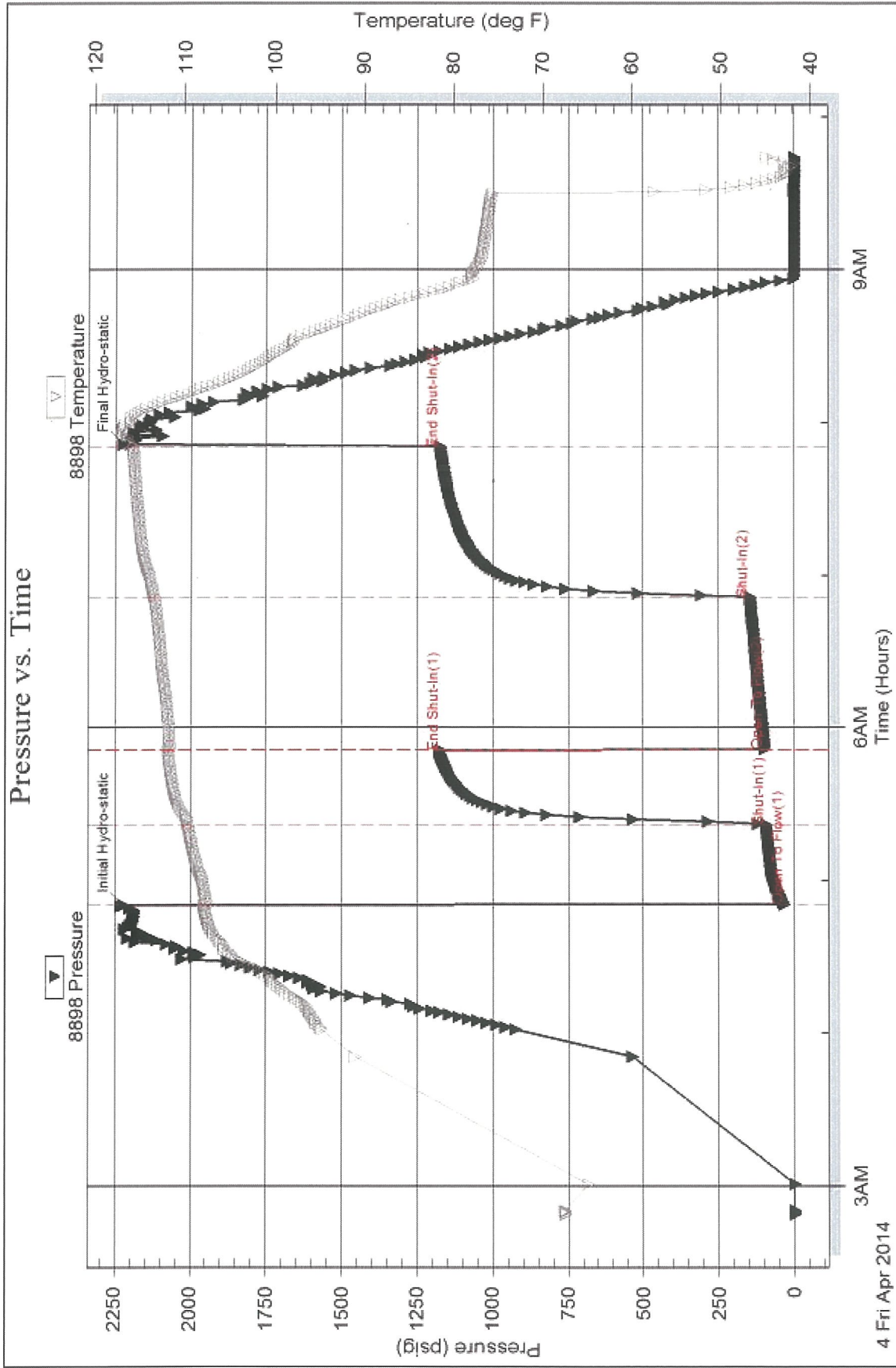
Serial #: 8898

Outside Palomino Petroleum Inc

Farrington #1

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57556

Printed: 2014.04.04 @ 13:43:45

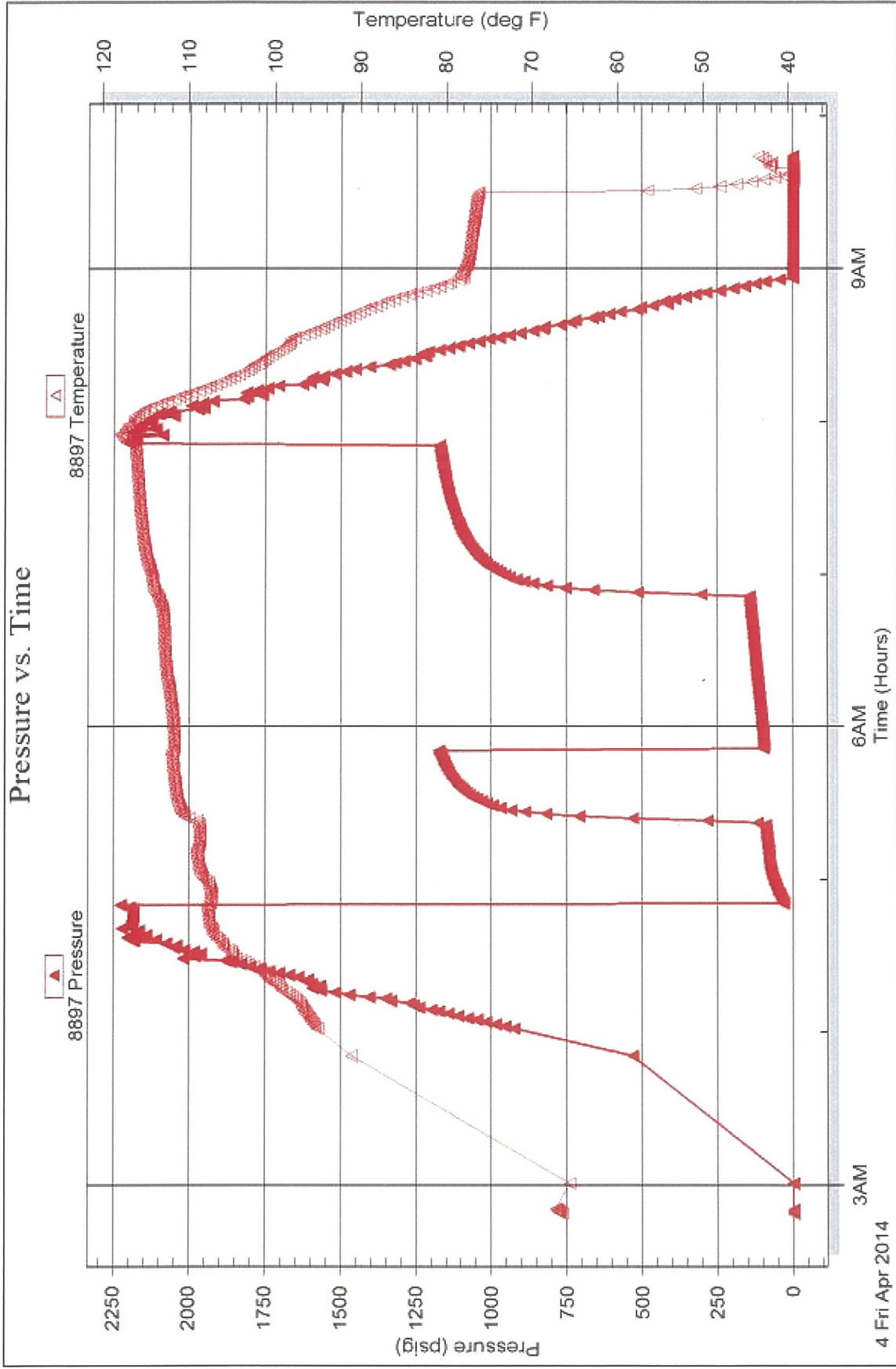
Serial #: 8897

Inside

Palomino Petroleum Inc

Farrington #1

DST Test Number: 2



Printed: 2014.04.04 @ 13:43:45

Ref. No: 57556

Tribolite Testing, Inc





**DRILL STEM TEST REPORT**

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.  
Newton KS 67114

ATTN: Andrew Stenzel

**Farrington #1**

**16-16s-25w Ness,KS**

Start Date: 2014.04.05 @ 05:48:00

End Date: 2014.04.05 @ 12:34:00

Job Ticket #: 56175  
DST #: 3

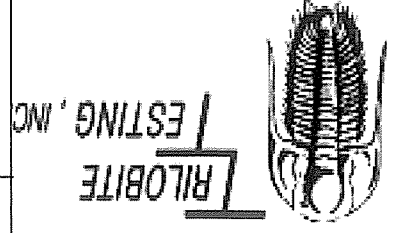
Triobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.04.08 @ 16:40:56

# DRILL STEM TEST REPORT



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

16-16s-25w Ness,KS  
**Farrington #1**  
 Job Ticket: 56175  
 DST#: 3  
 Test Start: 2014.04.05 @ 05:48:00

## GENERAL INFORMATION:

Formation: Mississipp  
 Deviated: No  
 Whipstock: No  
 Test Type: Conventional Straddle (Reset)  
 Tester: Bob Hamel  
 Unit No: 67  
 Reference Elevations: 2588.00 ft (KB) 2583.00 ft (CF) 5.00 ft  
 Interval: 4539.00 ft (KB) To 4566.00 ft (KB) (TVD)  
 Total Depth: 4660.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Fair  
 KB to GR/CF: 5.00 ft

## Serial #: 8679 Outside

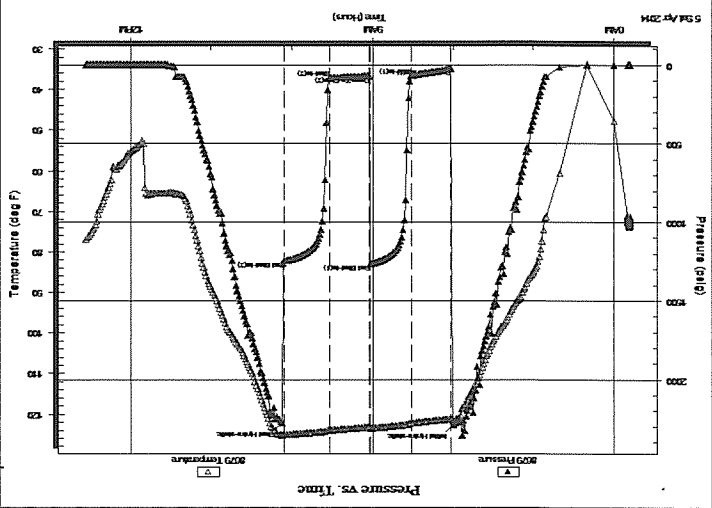
Press@RunDepth: 82.53 psig @ 4540.00 ft (KB)  
 Start Date: 2014.04.05  
 End Date: 2014.04.05  
 Start Time: 05:48:01  
 End Time: 12:34:00  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.04.05  
 Time On Btm: 2014.04.05 @ 08:00:30  
 Time Off Btm: 2014.04.05 @ 10:08:00

## TEST COMMENT:

I.F. - 30 - Weak blow built to 5 1/4"  
 I.S.I. - 30 - No blow back  
 F.F. - 30 - Weak blow built to 5 1/2"  
 F.S.I. - 30 - Weak surface blow back

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.28	121.65	Initial Hydro-static
1	22.56	121.17	Open To Flow (1)
31	66.76	122.25	Shut-In(1)
62	1265.40	123.53	End Shut-In(1)
62	70.89	122.99	Open To Flow (2)
92	82.53	124.00	Shut-In(2)
126	1246.09	125.09	End Shut-In(2)
128	2278.71	125.13	Final Hydro-static



## Recovery

Length (ft)	Description	Volume (bbl)
63.00	SWCOM 5% W 10% O 85% M	0.31
83.00	CO	0.63

\* Recovery from multiple tests

## Gas Rates

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

# DRILL STEM TEST REPORT



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

**16-16s-25w Ness,KS**  
**Farrington #1**  
 Job Ticket: 56175  
 DST#: 3  
 Test Start: 2014.04.05 @ 05:48:00

## GENERAL INFORMATION:

Formation: Mississippi  
 Deviated: No Whipstock:  
 Time Tool Opened: 08:01:30  
 Time Test Ended: 12:34:00  
 Interval: 4539.00 ft (KB) To 4566.00 ft (KB) (TVD)  
 Total Depth: 4660.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Fair  
 Reference Elevations: 2588.00 ft (KB)  
 2583.00 ft (CF)  
 5.00 ft  
 KB to GR/CF:

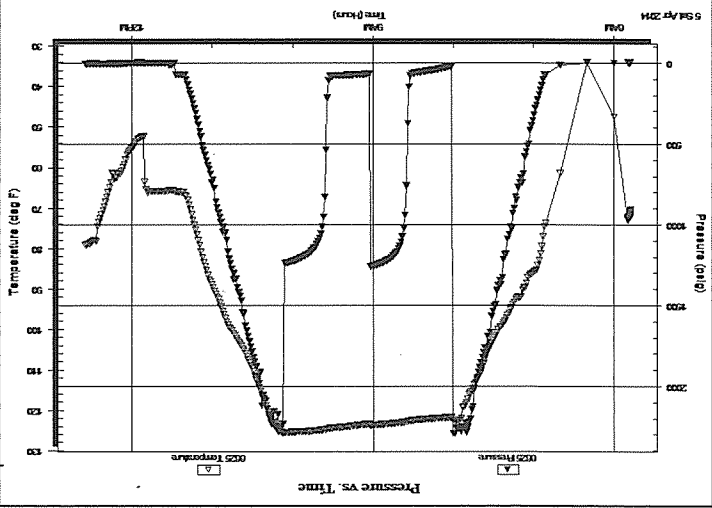
## Serial #: 6625

inside  
 Press@RunDepth: psig @ 4540.00 ft (KB)  
 Start Date: 2014.04.05  
 End Date: 2014.04.05  
 Start Time: 05:48:01  
 End Time: 12:35:00  
 Capacity: 8000.00 psig  
 Last Calib.:  
 Time On Btm:  
 Time Off Btm:

## TEST COMMENT:

I.F. - 30 - Weak blow built to 5 1/4"  
 I.S.L. - 30 - No blow back  
 F.F. - 30 - Weak blow built to 5 1/2"  
 F.S.L. - 30 - Weak surface blow back

## PRESSURE SUMMARY



## Recovery

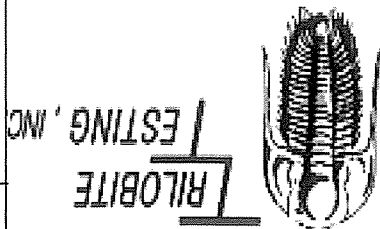
Length (ft)	Description	Volume (bbl)
63.00	SWCOM 5% W 10% O 85% M	0.31
83.00	CO	0.63

\* Recovery from multiple tests

## Gas Rates

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

# DRILL STEM TEST REPORT



Palomino Petroleum Inc

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

16-16s-25w Ness,KS

Farrington #1

Job Ticket: 56175

Test Start: 2014.04.05 @ 05:48:00

## GENERAL INFORMATION:

Formation: Mississippi  
 Devalted: No Whipstock:  
 Time Tool Opened: 08:01:30  
 Time Test Ended: 12:34:00  
 Interval: 4539.00 ft (KB) To 4566.00 ft (KB) (TVD)  
 Total Depth: 4660.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Fair  
 Reference Elevations: 2588.00 ft (KB)  
 2583.00 ft (CF)  
 5.00 ft  
 Test Type: Conventional Straddle (Reset)  
 Tester: Bob Hamel  
 Unit No: 67

Serial #: 8166

Below (Straddle)

Press@RunDepth: psig @ 4587.00 ft (KB)

Start Date: 2014.04.05

Start Time: 05:45:01

End Date: 2014.04.05

End Time: 12:32:00

Time On Btm:

Last Callb:

Capacity: 8000.00 psig

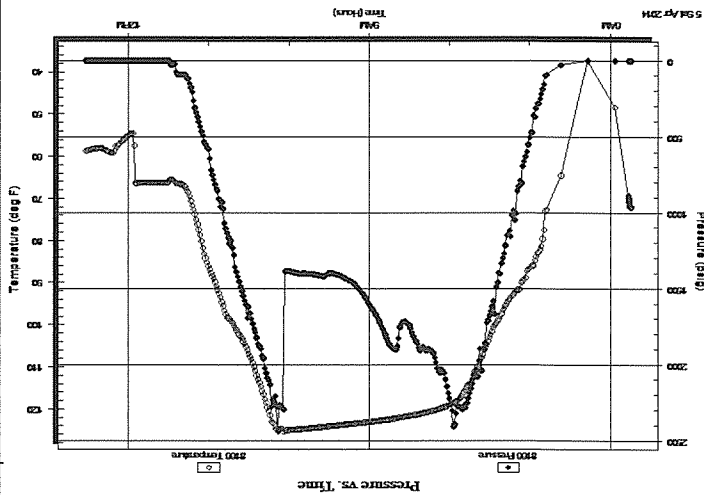
2014.04.05

TEST COMMENT: I.F. - 30 - Weak blow built to 5 1/4"

L.S.L. - 30 - No blow back

F.F. - 30 - Weak blow built to 5 1/2"

F.S.L. - 30 - Weak surface blow back



## Recovery

Length (ft)	Description	Volume (bbl)
63.00	SWCOM 5% W 10% O 85% M	0.31
83.00	CO	0.63

\* Recovery from multiple tests

## Gas Rates

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

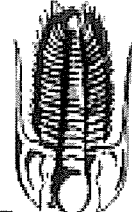
## PRESSURE SUMMARY

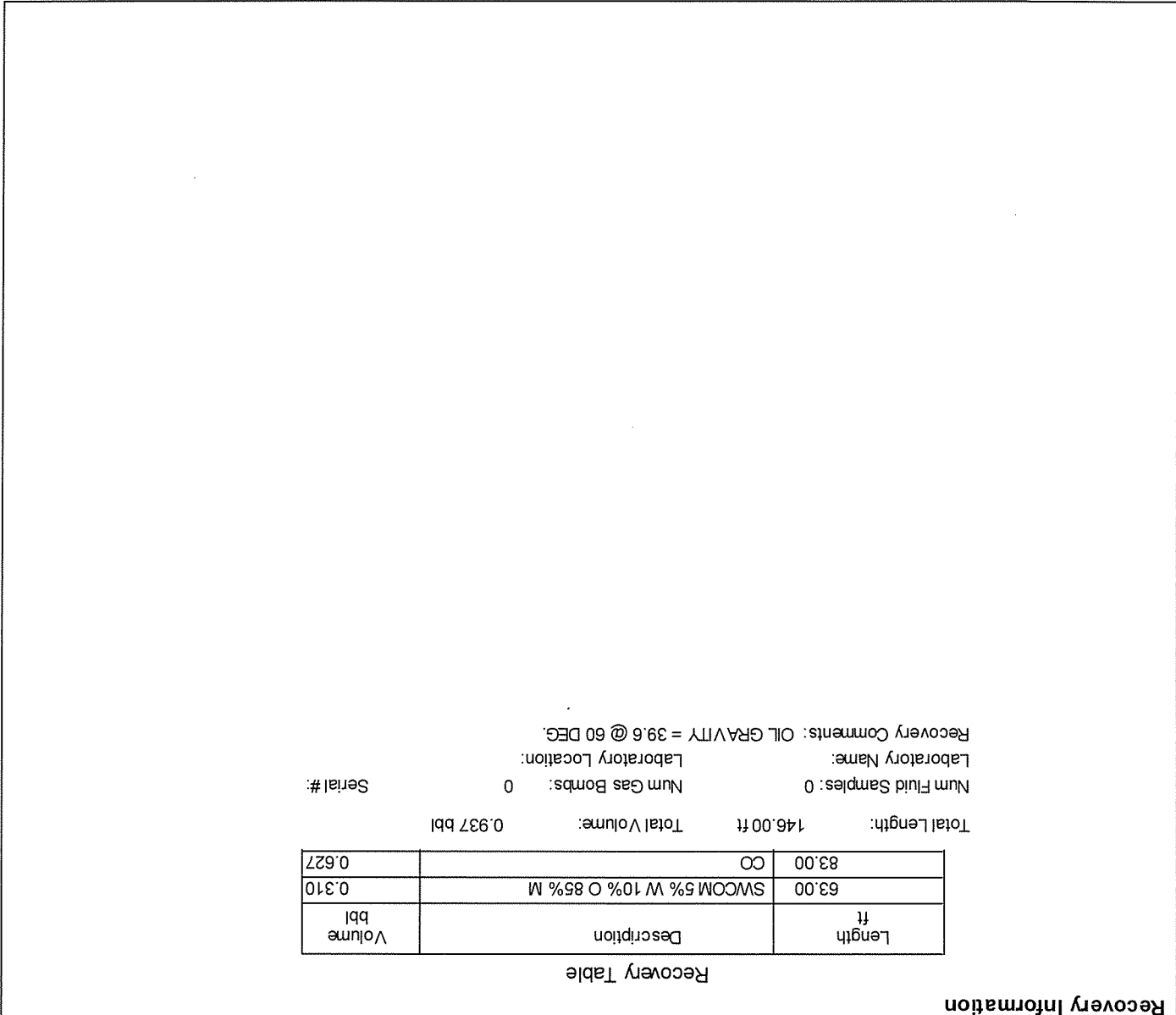
Time (Min.)  
 Pressure (psig)  
 Temp (deg F)  
 Annotation

Trilobite Testing, Inc

Ref. No: 56175

Printed: 2014.04.08 @ 16:40:57

DRILL STEM TEST REPORT		TOOL DIAGRAM			
<p><b>16-16s-25w Ness,KS</b>  <b>Farrington #1</b>                      Job Ticket: 56175                      DST#: 3</p>		 <p><b>TRILOBITE TESTING, INC</b></p>			
<p>Palomino Petroleum Inc                      4924 SE 84th St                      Newton KS 67114                      ATTN: Andrew Stenzel                      Test Start: 2014.04.05 @ 05:48:00</p>		<p><b>TOOL INFORMATION</b></p> <p>Drill Pipe: Length: 4412.00 ft Diameter: 3.80 inches Volume: 61.89 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: 30000.00 lb                      Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 80000.00 lb                      Drill Pipe Above KB: 22.00 ft                      Depth to Top Packer: 4539.00 ft                      Depth to Bottom Packer: 4656.00 ft                      Interval between Packers: 117.00 ft                      Tool Length: 144.00 ft                      Number of Packers: 3 Diameter: 6.75 inches                      Tool Comments:</p>			
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4517.00	
Hydraulic tool	5.00			4522.00	
Jars	5.00			4527.00	
Safety Joint	2.00			4529.00	
Packer	5.00			4534.00	Bottom Of Top Packer
Packer	5.00			4539.00	
Stub	1.00			4540.00	
Recorder	0.00	6625	Inside	4540.00	
Recorder	0.00	8679	Outside	4540.00	
Perforations	22.00			4562.00	
Blank Off Sub	1.00			4563.00	
Packer Straddle	5.00			4568.00	
Perforations	18.00			4586.00	
Change Over Sub	1.00			4587.00	
Recorder	0.00	8166	Below	4587.00	
Drill Pipe	64.00			4651.00	
Change Over Sub	1.00			4652.00	
Bullnose	4.00			4656.00	Bottom Packers & Anchor
<b>Total Tool Length: 144.00</b>					



**Recovery Information**

Length ft	Description	Volume bbl
63.00	SWCOM 5% W 10% O 85% M	0.310
83.00	CO	0.627
Total Length: 146.00 ft		Total Volume: 0.937 bbl

Num Fluid Samples: 0  
 Num Gas Bombs: 0  
 Laboratory Name:  
 Laboratory Location:  
 Recovery Comments: OIL GRAVITY = 39.6 @ 60 DEG.  
 Serial #:

Recovery Table

**Mud and Cushion Information**

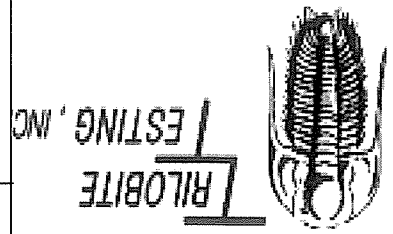
Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 51.00 sec/qt  
 Water Loss: 7.60 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 5300.00 ppm  
 Filter Cake: 1.00 inches  
 Cushion Type:  
 Cushion Length: ft  
 Oil API: 39.6 deg API  
 Water Salinity: ppm  
 Cushion Volume: bbl  
 Gas Cushion Type:  
 Gas Cushion Pressure: psig

**DRILL STEM TEST REPORT**

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton KS 67114  
 ATTN: Andrew Stenzel  
 Test Start: 2014.04.05 @ 05:48:00

16-16s-25w Ness,KS  
 Farrington #1  
 Job Ticket: 56175  
 DST#: 3

**FLUID SUMMARY**



Serial #: 8679

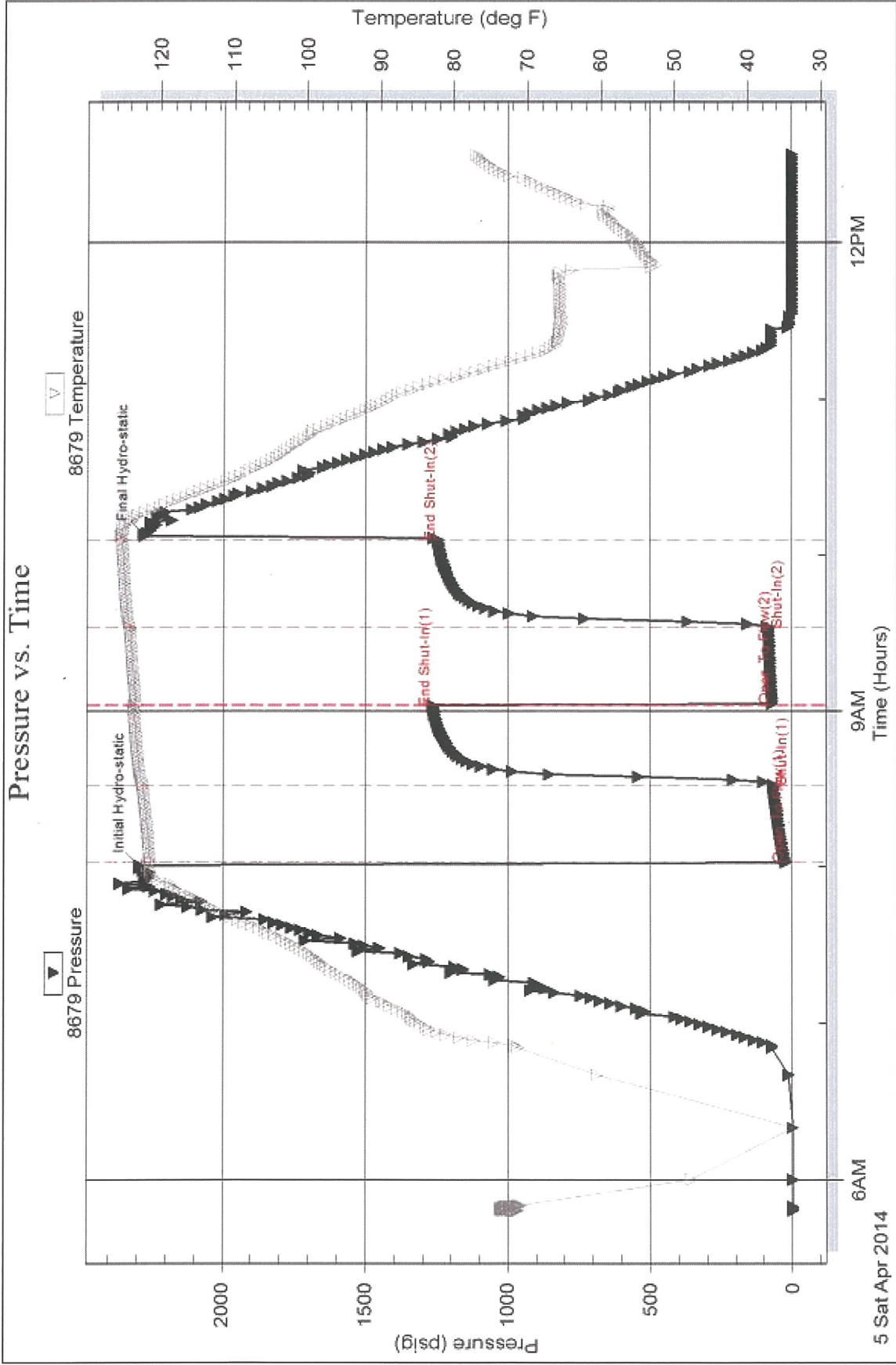
Outside

Palomino Petroleum Inc

Farrington #1

DST Test Number: 3

### Pressure vs. Time



Printed: 2014.04.08 @ 16:40:59

Ref. No: 56175

Tribble Testing, Inc

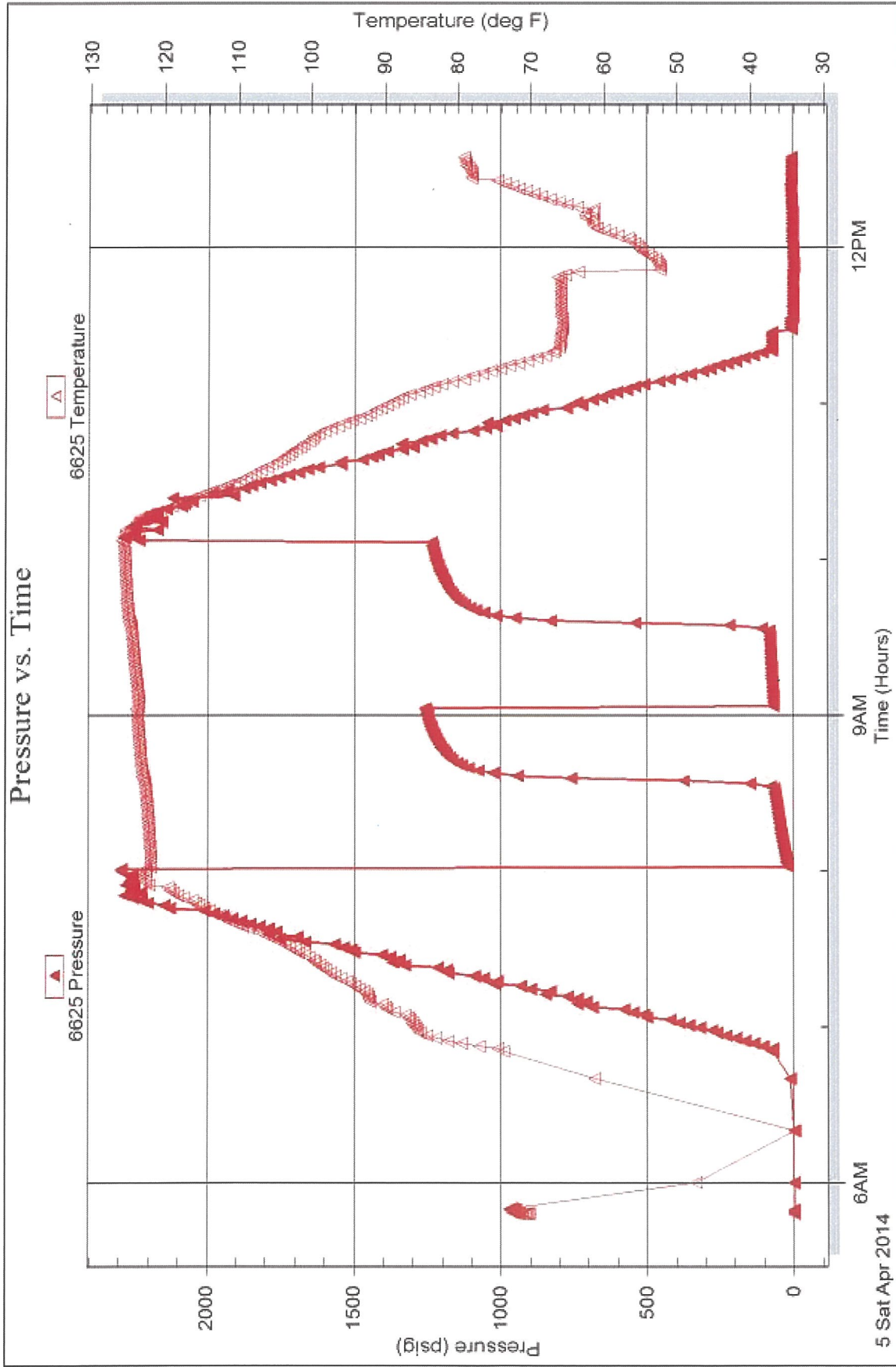
Serial #: 6625

Inside

Palomino Petroleum Inc

Farrington #1

DST Test Number: 3



Printed: 2014.04.08 @ 16:40:59

Ref. No: 56175

Triblote Testing, Inc



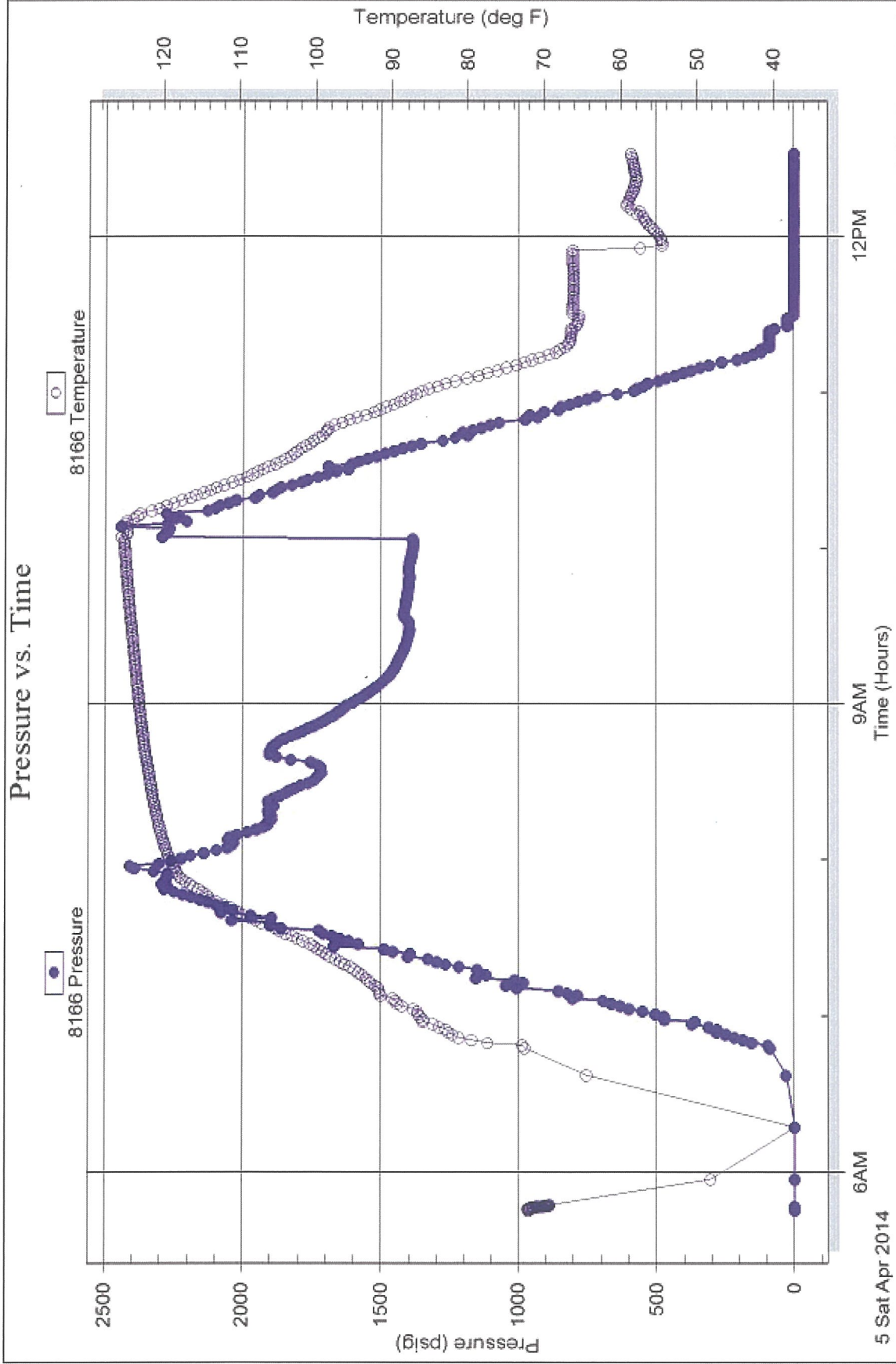
Serial #: 8166

Below (Strat) Petroleum Inc

Farrington #1

DST Test Number: 3

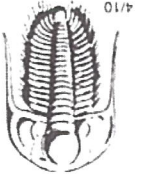
### Pressure vs. Time



Tribble Testing, Inc

Ref. No: 56175

Printed: 2014.04.08 @ 16:40:59



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket NO. 67555

Well Name & No.	Farrington #1
Company	Petroleum Petroleum Inc.
Address	4924 SE 8th St Newton KS 67114
Co. Rep / Geo.	Andrew Stenzel
Location: Sec.	16
Location: Twp.	16
Location: Rge.	25
Co.	Miss
State	KS
Test No.	1
Date	4-3-14
Elevation	2588
KB	2583
GL	

Interval Tested	4445 4535
Anchor Length	90
Top Packer Depth	4440
Bottom Packer Depth	4445
Total Depth	4535
Blow Description	Weak surface blow built to 3/4 in. Needs no blow back. Lead to blow. Lead to blow back.
Zone Tested	Miss
Drill Pipe Run	4326
Drill Collars Run	122
Wt. Pipe Run	6
Chlorides ppm System	5400
LCM	14
Mud Wt.	9.1
Vis	5.2
WL	57.2

Rec	Feet of	%gas	%oil	%water	%mud
Rec	5		5		95
Rec					
Rec					
Rec					

Rec Total	BHT	Gravity	API RW	@	F Chlorides	ppm
(A) Initial Hydrostatic	2231		1250		04.12	
(B) First Initial Flow	24		250		13.14	
(C) First Final Flow	30		75		15.45	
(D) Initial Shut-In	510				17.45	
(E) Second Initial Flow	45				19.45	
(F) Second Final Flow	68					
(G) Final Shut-In	332		108rt	167.40		
(H) Final Hydrostatic	2175					
Initial Open	30					
Initial Shut-In	30					
Final Flow	30					
Final Shut-In	30					
Sub Total						2062.40
MP/DST Disc't						
Sub Total						0
Total						1742.40

Approved By \_\_\_\_\_  
 Our Representative \_\_\_\_\_  
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRIOBITE TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

**Test Ticket** NO. 57556

Well Name & No	Farrington #1
Company	Palomares Petroleum Inc
Address	Andrew Steazel
Co. Rep / Geo.	Le
Location: Sec.	Twp. 16 Rge. 25
Co.	Mo
State	Ks
Test No.	2
Date	4/14/14
Elevation	2588
KB	283
GL	

Interval Tested	Drill Pipe Run	Drill Collars Run	Wt. Pipe Run	Chlorides ppm System	Total Depth	Blow Description
4444	100	4439	0	5400	4550	Good blow built to 7 in
4550	100	4444	0			New gas blow back
						Blow 100 blow back
						Blow 100 blow back

Rec	Feet of	%gas	%oil	%water	%mud
100	Feet of 600m	5	35	60	40
220	Feet of MC60	5	55	40	40
0	Feet of 80 GIP	100			
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	BHT	Gravity	API RW	@	F Chlorides	ppm
280	116					
(A) Initial Hydrostatic	2200	X	1250			
(B) First Initial Flow	37	X	250			
(C) First Final Flow	93	X	75			
(D) Initial Shut-In	1173					
(E) Second Initial Flow	99					
(F) Second Final Flow	145	X	167.40			
(G) Final Shut-In	1175					
(H) Final Hydrostatic	2201					

Initial Open	Initial Shut-In	Final Flow	Final Shut-In
30	67.30	60	60
MP/DST Disc't			
Sub Total	0	1742.40	1742.40
Sub Total			1742.40

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

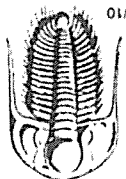
Tribite Testing Inc. shall not be liable for damaged or destroyed property or equipment, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

**Test Ticket**

NO. 56175

**TRILOBITE TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601



Well Name & No. Belmont Petroleum INC. Test No. 3 Date 4-5-14  
 Company Farrington #1 Elevation 2580 KB 2530 GL  
 Address 4924 Se 84th St Newton KS. 67114  
 Co. Rep / Geo. Andrew Stenzel Rig W.M. King #10  
 Location: Sec. 16 Twp. 16 S. Rge. 25 W. Co. Ness State KS

Interval Tested 4539-4566 Zone Tested M.S.S. 551 pp.  
 Anchor Length 27' Drill Pipe Run 4412' Mud Wt. 9.4  
 Top Packer Depth 4534 - 4566 Drill Collars Run 122 Vis S1  
 Bottom Packer Depth 4572' (Straddle) Wt. Pipe Run \_\_\_\_\_ WL 7.6  
 Total Depth 4660 Chlorides 5,300 ppm System LCM Trace  
 Blow Description IF - 30 - 1/2 INT. Blow Bu. H to (5 1/4" in 30 min.)

Rec	83	63	83	83	83
Rec	Feet of Clean oil	Feet of 5% C.G.M	%gas	%oil	%water
Rec	83	63	100%	10%	5
Rec	83	63	%gas	%oil	%water
Rec	83	63	%gas	%oil	%water
Rec	83	63	%gas	%oil	%water

Rec Total 146' BHT 125 Gravity 39.6 API RW \_\_\_\_\_ @ \_\_\_\_\_ F. Chlorides \_\_\_\_\_ ppm  
 (A) Initial Hydrostatic 2291 Test 1250 Jars 250 Safety Joint 75  
 (B) First Initial Flow 23 (C) First Final Flow 67 (D) Initial Shut-In 1265  
 (E) Second Initial Flow 71 (F) Second Final Flow 83 (G) Final Shut-In 1296  
 (H) Final Hydrostatic 2279 Straddle 600 Sampler \_\_\_\_\_ Mileage 126/R.F. 167.40  
 Initial Open 30 Initial Shut-In 30 Final Flow 30 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_  
 Sub Total 2342.40 MP/DST Disc't \_\_\_\_\_  
 Total 2342.40 Sub Total 0 Extra Copies \_\_\_\_\_  
 Extra Recorder  Extra Packer  Ruined Packer  
 Ruined Shale Packer  Shale Packer  Ruined Shale Packer  
 Straddle 600  Sampler \_\_\_\_\_  
 Hourly Standby \_\_\_\_\_ Mileage 126/R.F. 167.40  
 Hourly Standby \_\_\_\_\_ T-On Location 04:30:00  
 T-Started 05:48:00 T-Open 08:05:00 T-Pulled 10:05:00  
 T-Out 12:35:00 Comments "Straddle" "Thank-you"

Triobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made