



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1137316

Form ACO-1

June 2009

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
- ☐ Conv. to GSW
- ☐ Plug Back: _____ Plug Back Total Depth _____
- ☐ 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

☐ Letter of Confidentiality Received

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

1137316

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☐ Yes ☐ No

Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

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				

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. (Submit ACO-5) ☐ Commingled (Submit ACO-4) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	--

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Mullen Trust 1
Doc ID	1137316

Tops

Name	Top	Datum
Heebner	3752	(-1562)
Toronto	3768	(-1578)
Lansing	3810	(-1620)
BKC	4158	(-1968)
Marmaton	4177	(-1987)
Ft. Scott	4344	(-2154)
Cherokee	4368	(-2178)
Miss.	4413	(-2223)
LTD	4478	(-2288)



RECEIVED
JAN 22 2013

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 134396

Invoice Date: Jan 6, 2013

Page: 1

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

Bill To:

Palomino Petroleum, Inc.
4924 SE 84th St.
Newton, KS 67114-8827

Now Includes:



Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	Mullen Trust #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Jan 6, 2013	2/5/13

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	17.90	2,362.80
88.00	MAT	Pozmix	9.35	822.80
8.00	MAT	Gel	23.40	187.20
233.30	SER	Cubic Feet	2.48	578.50
392.00	SER	Ton Mileage	2.60	1,019.20
1.00	SER	Plug to Abandon	2,249.84	2,249.84
40.00	SER	Pump Truck Mileage	7.70	308.00
40.00	SER	Light Vehicle Mileage	4.40	176.00
1.00	CEMENTER	Charles Elkins		
1.00	EQUIP OPER	Kevin Eddy		
1.00	OPER ASSIST	Charles Kinyon		
1.00	OPER ASSIST	Kevin Weighous		

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

\$ 1926.00

ONLY IF PAID ON OR BEFORE
Jan 31, 2013

Subtotal	7,704.34
Sales Tax	573.97
Total Invoice Amount	8,278.31
Payment/Credit Applied	
TOTAL	8,278.31



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 134252

Invoice Date: Dec 28, 2012

Page: 1

**Bill To:**

Palomino Petroleum, Inc.
4924 SE 84th St.
Newton, KS 67114-8827

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	Mullen Trust #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Dec 28, 2012	1/27/13

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
18.00	MAT	Chloride	64.00	1,152.00
400.00	MAT	Light weight	15.95	6,380.00
100.00	MAT	Flo Seal	2.97	297.00
626.00	SER	Cubic Feet	2.48	1,552.40
1,056.00	SER	Ton Mileage	2.60	2,745.60
1.00	SER	Surface	2,213.75	2,213.75
40.00	SER	Pump Truck Mileage	7.70	308.00
40.00	SER	Light Vehicle Mileage	4.40	176.00
1.00	EQP	8.5/8 Guide Shoe	460.98	460.98
1.00	EQP	8.5/8 Insert	342.81	342.81
2.00	EQP	8.5/8 Centralizer	74.85	149.70
1.00	EQP	8.5/8 Basket	559.26	559.26
1.00	EQP	8.5/8 Rubber Plug	131.04	131.04
1.00	CEMENTER	Dustin Chambers		
1.00	EQUIP OPER	Kevin Eddy		
1.00	OPER ASSIST	Kevin Weighous		
1.00	CEMENTER	Tim Dickson		

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

\$ 4,805.90

ONLY IF PAID ON OR BEFORE

Jan 22, 2013

Subtotal	19,223.74
Sales Tax	910.99
Total Invoice Amount	20,134.73
Payment/Credit Applied	
TOTAL	20,134.73

ALLIED OIL & GAS SERVICES, LLC 059226

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

DATE 12/28/12 SEC 19 TWP. 221 RANGE 21W CALLED OUT 5:30 PM ON LOCATION 5:30 PM JOB START 12:30 AM JOB FINISH 1:30 AM
LEASE Miller WELL # 1 LOCATION Hanger KS 1/2 E P-31 COUNTY Haskell STATE KS
OLD OR NEW (Circle one) NEW 2 1/2 E Miner

CONTRACTOR Kal Energy FI OWNER 1.01
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 1356 CEMENT AMOUNT ORDERED 400 SKS 60% C/95% A
CASING SIZE 8 5/8 DEPTH 1356 404.002 84.901 34.00 1/4 Flt
TUBING SIZE 4 1/2 DEPTH 150 SKS class A 34.00 27.901
DRILL PIPE 4 1/2 DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 92 ft
CEMENT LEFT IN CSG. 42 ft
PERFS.
DISPLACEMENT 84.27 bbls EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers
36 HELPER Kevin Eddy
BULK TRUCK
344-170 DRIVER Kevin Veighous
BULK TRUCK
609-112 DRIVER Tim Dickson

REMARKS:

Break circulation with Rig mud
Pump Ball circulation 10 min
Pump 5 bbls freshwater ahead
Mix 400 SKS 60/40 84.901 34.00 1/4 Flt
Mix 150 SKS class A 34.00 27.901
Shut Down & Release plug
Drill pipe 84.27 bbls
Land plug 1200 ft cement 12-28-12
plug Down 11:15 AM 12-28-12
6 1/2 hr work

CHARGE TO: Palomino Petroleum
STREET
CITY STATE ZIP

COMMON	150	@ 17.90	2.685.00
POZMIX		@	
GEL	3	@ 23.40	70.20
CHLORIDE	18	@ 64.00	1152.00
ASC		@	
	400 SKS 60/40 84.901	@ 15.95	6.380.00
	150 SKS class A 34.00	@ 2.97	297.00
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	626 y	@ 2.48	1.552.40
MILEAGE	26.4 x 40 y	2.60	2.745.60
			TOTAL 14.882.20

SERVICE

DEPTH OF JOB	1356
PUMP TRUCK CHARGE	2213.25
EXTRA FOOTAGE	@
MILEAGE	Hum 40 @ 7.70 308.00
MANIFOLD	@
	Hum 40 @ 4.40 176.00
	@

TOTAL 2.697.25

PLUG & FLOAT EQUIPMENT

Guide shoe	@ 460.98	460.98
5/8" IMPACT	@ 342.81	342.81
2 centralizers	@ 74.98	149.96
1 bucket	@ 559.26	559.26
1 Rubber plug	@ 131.09	131.09

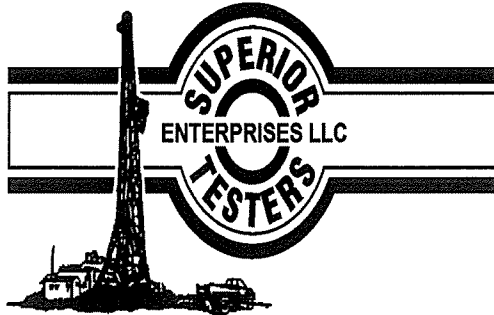
TOTAL 1.643.29

SALES TAX (If Any) 910.98
TOTAL CHARGES 19.223.74
DISCOUNT 4.805.90 IF PAID IN 30 DAYS
14.417.84

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 Walter Parcell
SIGNATURE X Walter Parcell

Thank You!!



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 SouthEast 84th Street
Newton, Kansas 67114+8827

ATTN: Kevin Bailey

Mullen Trust #1

18/22S/21W/Hodgeman

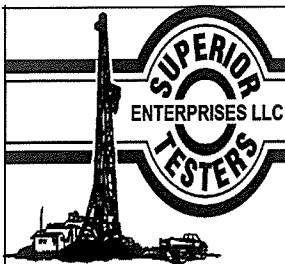
Start Date: 2013.01.03 @ 18:18:00

End Date: 2013.01.04 @ 00:03:30

Job Ticket #: 16932 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.01.04 @ 00:15:52



DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16932

DST#: 1

ATTN: Kevin Bailey

Test Start: 2013.01.03 @ 18:18:00

GENERAL INFORMATION:

Formation: **Mississippi Upper**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:22:30

Time Test Ended: 00:03:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Sw inney

Unit No: 3325 Great Bend/114

Interval: **4400.00 ft (KB) To 4432.00 ft (KB) (TVD)**

Reference Elevations: 2190.00 ft (KB)

Total Depth: 4432.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749 Inside

Press@RunDepth: 77.14 psia @ 4428.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.03

End Date:

2013.01.04

Last Calib.: 2013.01.04

Start Time: 18:18:00

End Time:

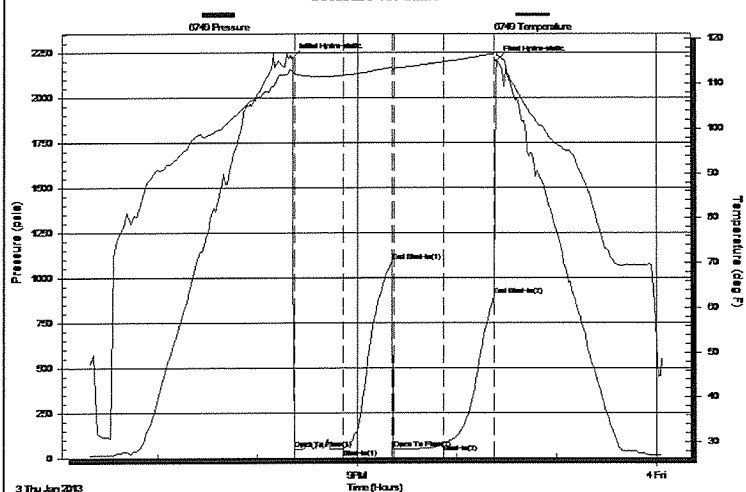
00:03:30

Time On Btm: 2013.01.03 @ 20:21:00

Time Off Btm: 2013.01.03 @ 22:24:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 2 inches in bucket of diesel
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Weak surface blow /Blow died in 10 minutes
2ND Shut In 30 Mintues/No blow back

Pressure vs. Time



PRESSURE SUMMARY

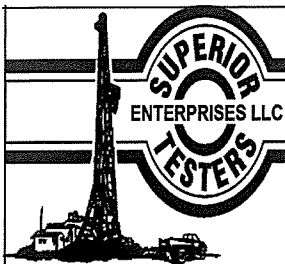
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2220.16	112.90	Initial Hydro-static
2	47.08	112.24	Open To Flow (1)
31	47.95	111.87	Shut-In(1)
60	1088.84	113.60	End Shut-In(1)
61	48.11	113.43	Open To Flow (2)
91	77.14	114.87	Shut-In(2)
122	900.69	116.66	End Shut-In(2)
123	2202.37	116.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil spot Mud w /thin layer free oil	0.28
0.00	Oil 1% Mud 99%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16932

DST#: 1

ATTN: Kevin Bailey

Test Start: 2013.01.03 @ 18:18:00

GENERAL INFORMATION:

Formation: **Mississippi Upper**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:22:30

Time Test Ended: 00:03:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/114

Interval: **4400.00 ft (KB) To 4432.00 ft (KB) (TVD)**

Reference Elevations: 2190.00 ft (KB)

Total Depth: 4432.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6999 Outside

Press@RunDepth: 901.36 psia @ 4429.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.03

End Date:

2013.01.04

Last Calib.:

2013.01.04

Start Time: 18:18:00

End Time:

00:03:30

Time On Btm:

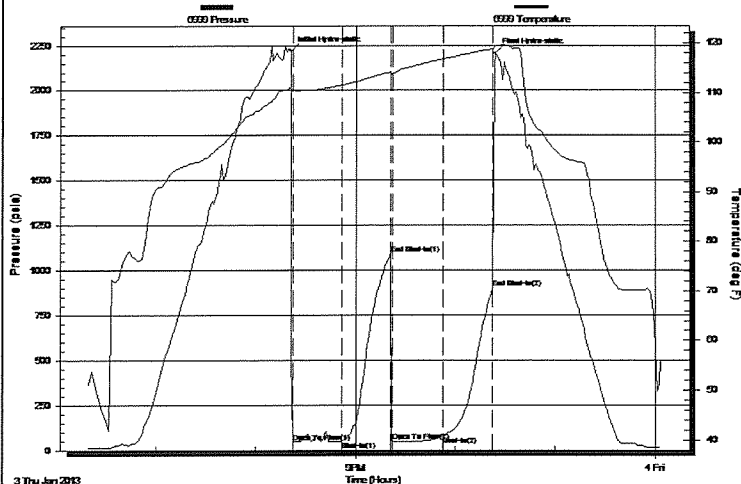
2013.01.03 @ 20:21:00

Time Off Btm:

2013.01.03 @ 22:24:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 2 inches in bucket of diesel
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Weak surface blow/Blow died in 10 minutes
2ND Shut In 30 Minutes/No blow back

Pressure vs. Time



PRESSURE SUMMARY

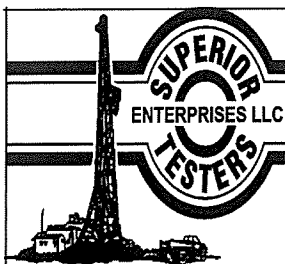
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2220.27	110.90	Initial Hydro-static
2	46.53	110.44	Open To Flow (1)
31	47.47	111.47	Shut-In(1)
60	1089.66	114.16	End Shut-In(1)
61	47.73	113.99	Open To Flow (2)
92	79.39	116.74	Shut-In(2)
122	901.36	118.80	End Shut-In(2)
123	2207.50	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil spot Mud w /thin layer free oil	0.28
0.00	Oil 1% Mud 99%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16932

DST#: 1

ATTN: Kevin Bailey

Test Start: 2013.01.03 @ 18:18:00

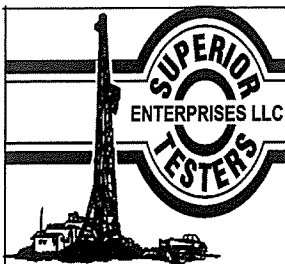
Tool Information

Drill Pipe:	Length: 4377.00 ft	Diameter: 3.80 inches	Volume: 61.40 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	61.40 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4400.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4378.00	
Hydrolic Tool	5.00			4383.00	
Jars	5.00			4388.00	
Safety Joint	2.00			4390.00	
Packer	5.00			4395.00	27.00 Bottom Of Top Packer
Packer	5.00			4400.00	
Anchor	27.00			4427.00	
Recorder	1.00	6749	Inside	4428.00	
Recorder	1.00	6999	Outside	4429.00	
Bullnose	3.00			4432.00	32.00 Bottom Packers & Anchor
Total Tool Length:	59.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16932

DST#: 1

ATTN: Kevin Bailey

Test Start: 2013.01.03 @ 18:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 9.60 in³

Resistivity: ohm.m

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Oil spot Mud w /thin layer free oil	0.281
0.00	Oil 1% Mud 99%	0.000

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6749

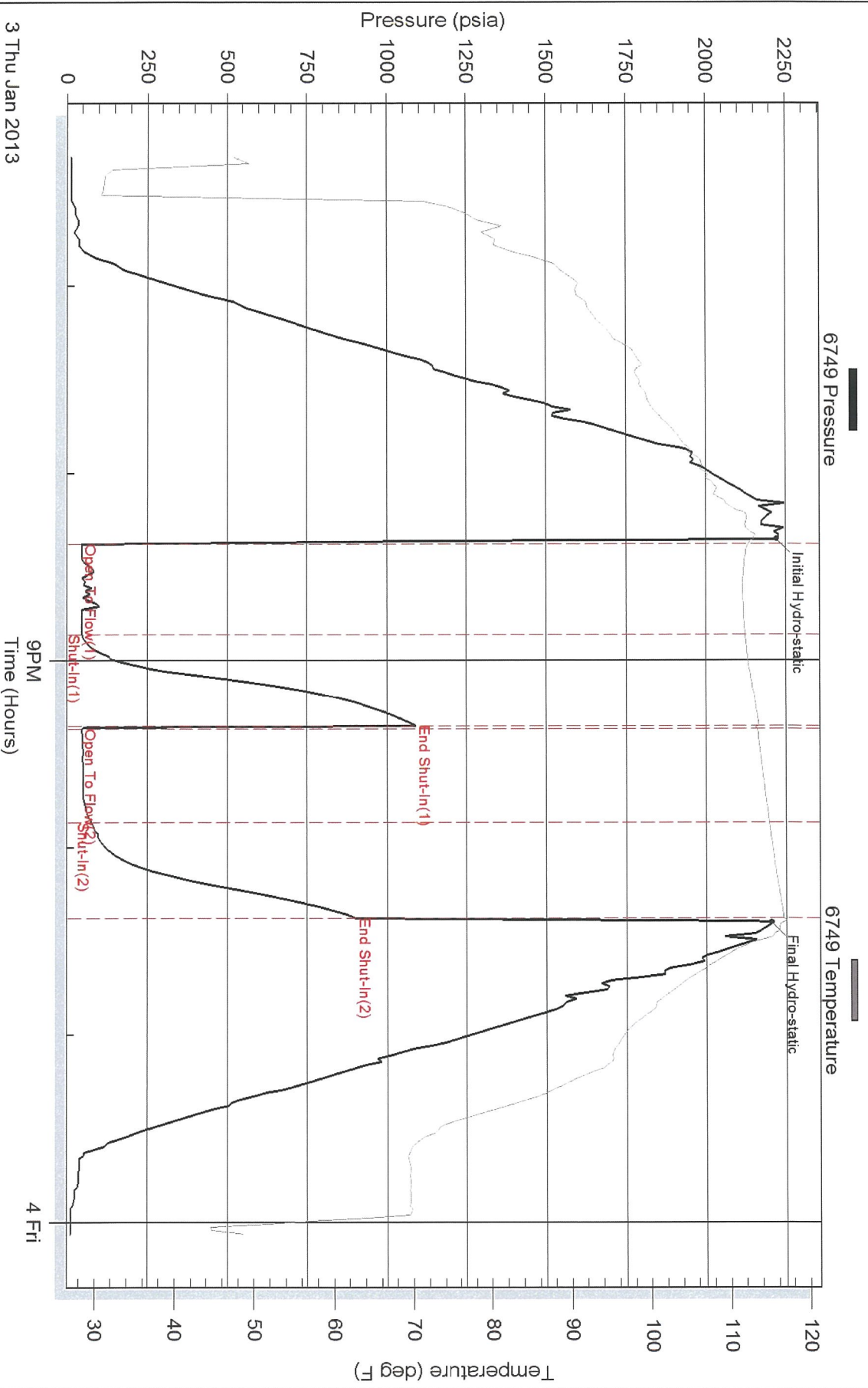
Inside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 1

Pressure vs. Time



Serial #: 6999

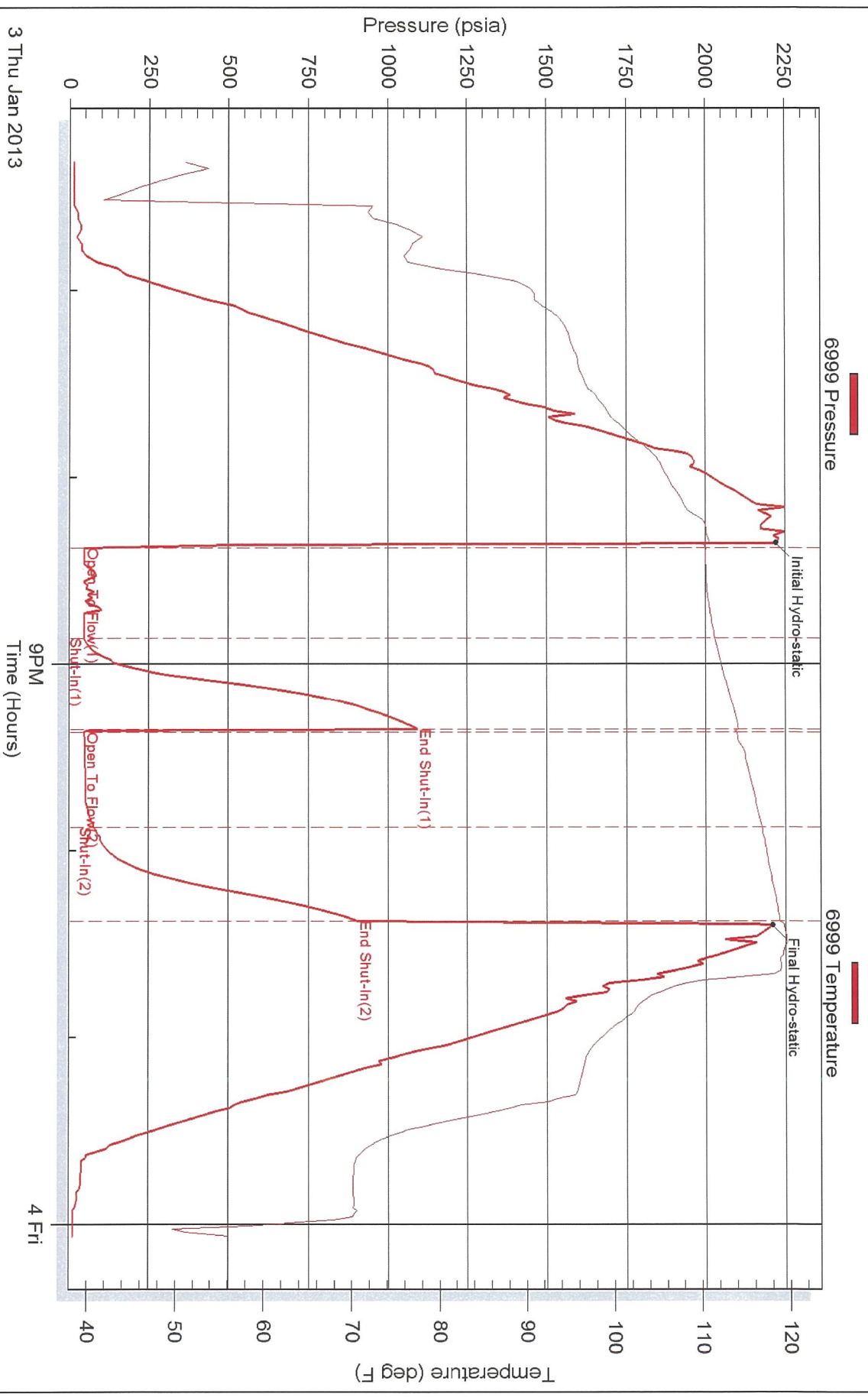
Outside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 1

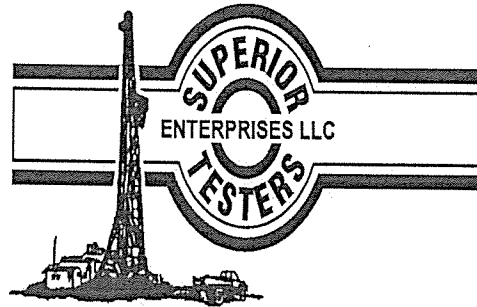
Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16932

Printed: 2013.01.04 @ 00:15:54



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 SouthEast 84th Street
Newton, Kansas 67114+8827

ATTN: Kevin Bailey

Mullen Trust #1

18/22S/21W/Hodgeman

Start Date: 2013.01.04 @ 00:00:00

End Date:

Job Ticket #: 16933

DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.01.06 @ 11:50:19

Palomino Petroleum Incorporated

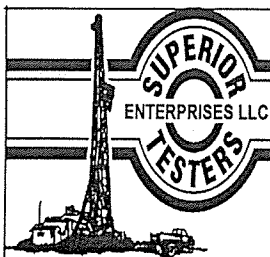
18/22S/21W/Hodgeman

Mullen Trust #1

DST # 2

Mississippi

2013.01.04



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16933

DST#: 2

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	Drilling Mud 100%	1.473

Total Length: 105.00 ft Total Volume: 1.473 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

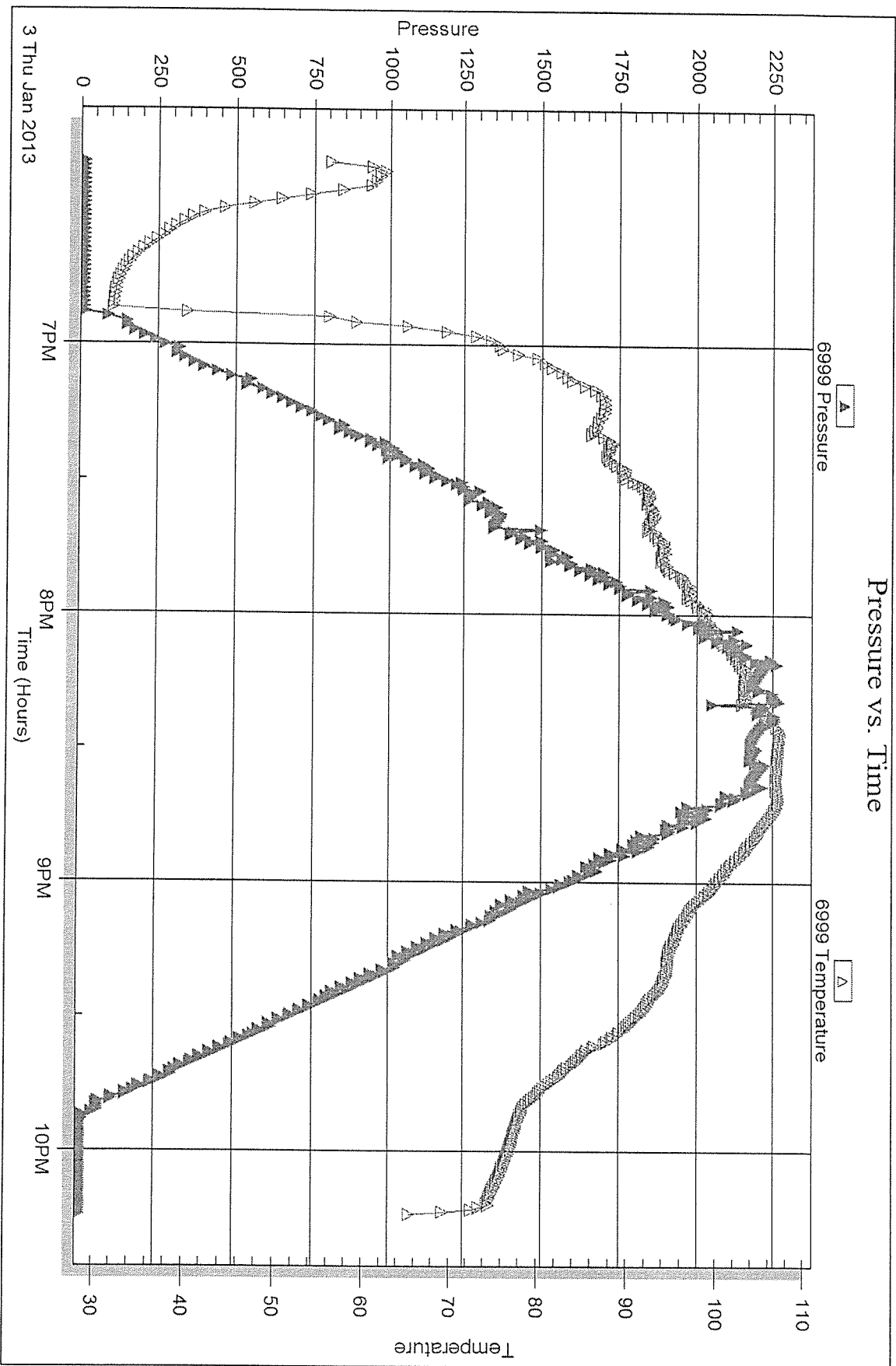
Serial #: 6999

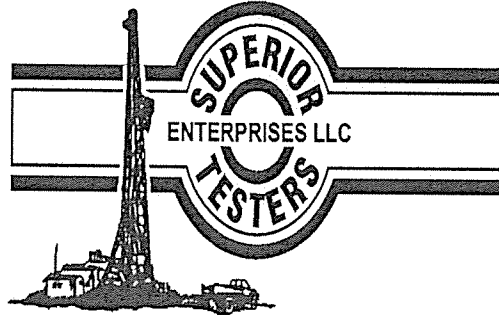
Outside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 SouthEast 84th Street
Newton, Kansas 67114+8827

ATTN: Kevin Bailey

Mullen Trust #1

18/22S/21W/Hodgeman

Start Date: 2013.01.04 @ 00:00:00

End Date:

Job Ticket #: 16934

DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.01.06 @ 11:52:55

Palomino Petroleum Incorporated

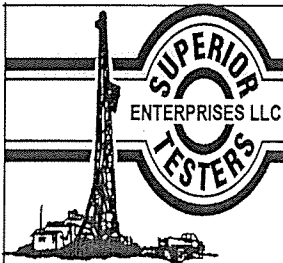
18/22S/21W/Hodgeman

Mullen Trust #1

DST # 3

Mississippi

2013.01.04



DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16934

DST#: 3

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 00:00:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/114

Interval: 4400.00 ft (KB) To 4439.00 ft (KB) (TVD)

Total Depth: 4439.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2190.00 ft (KB)

2180.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6999

Outside

Press@RunDepth: psia @ 4436.00 ft (KB)

Start Date: 2013.01.04

End Date:

2013.01.04

Start Time: 06:57:00

End Time:

15:16:00

Capacity:

5000.00 psia

Last Calib.:

2013.01.04

Time On Btm:

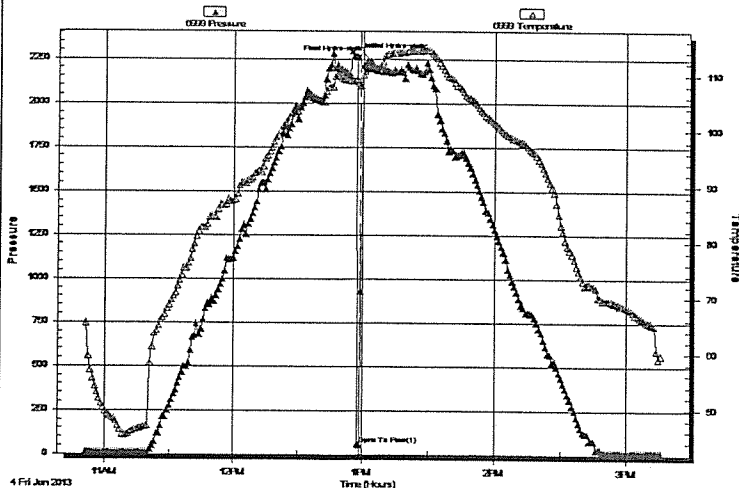
2013.01.04 @ 12:57:30

Time Off Btm:

2013.01.04 @ 13:03:30

TEST COMMENT: Packer seat held at open but lost seat after couple minutes/ Pull tool

Pressure vs. Time



PRESSURE SUMMARY

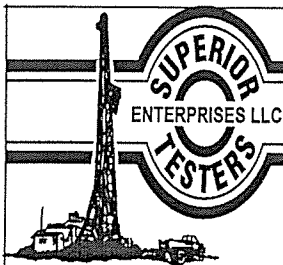
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2261.41	109.18	Initial Hydro-static
1	55.47	108.02	Open To Flow (1)
6	2244.09	111.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling Mud 100%	1.26

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16934

DST#:3

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 00:00:00

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling Mud 100%	1.262

Total Length: 90.00 ft

Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

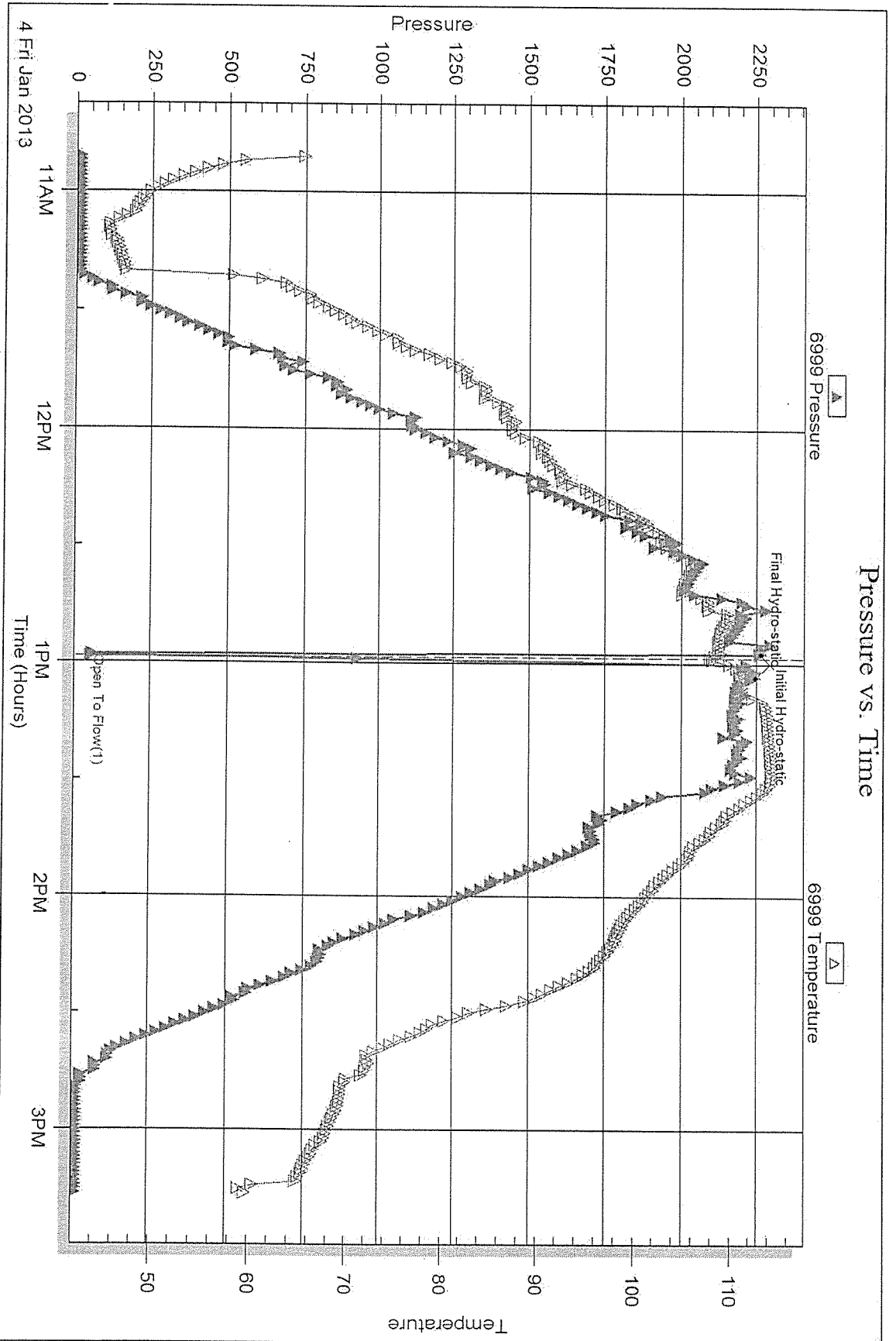
Serial #: 6999

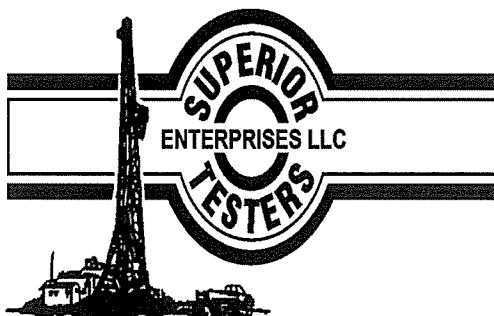
Outside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 SouthEast 84th Street
Newton, Kansas 67114+8827

ATTN: Kevin Bailey

Mullen Trust #1

18/22S/21W/Hodgeman

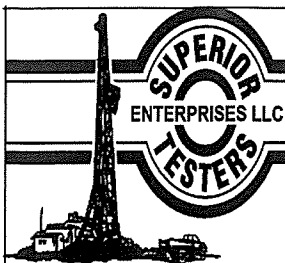
Start Date: 2013.01.04 @ 16:01:00

End Date: 2013.01.04 @ 21:48:30

Job Ticket #: 16935 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.01.04 @ 22:21:54



DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16935

DST#: 4

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 16:01:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:54:30

Time Test Ended: 21:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Sw inney

Unit No: 3325 Great Bend/114

Interval: **4423.00 ft (KB) To 4439.00 ft (KB) (TVD)**

Reference Elevations: 2190.00 ft (KB)

Total Depth: 4439.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749

Inside

Press@RunDepth: 99.12 psia @ 4435.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.04

End Date:

2013.01.04

Last Calib.: 2013.01.04

Start Time: 16:01:00

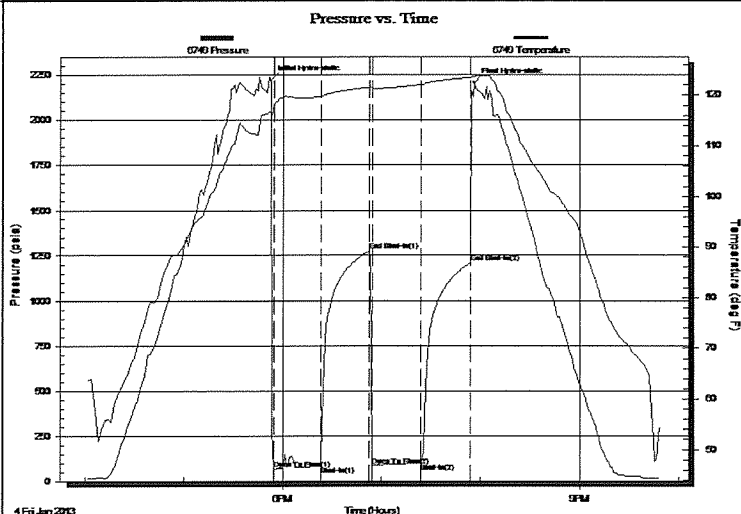
End Time:

21:48:30

Time On Btm: 2013.01.04 @ 17:52:30

Time Off Btm: 2013.01.04 @ 19:56:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 5 inches in bucket of diesel
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Weak blow /Blow built to 2 inches in bucket of diesel
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

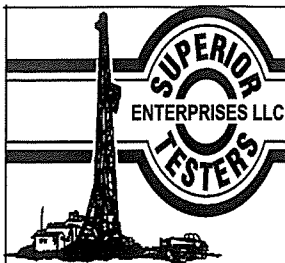
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2223.18	116.70	Initial Hydro-static
2	67.10	118.32	Open To Flow (1)
31	82.64	119.74	Shut-In(1)
61	1273.91	121.59	End Shut-In(1)
62	84.61	121.29	Open To Flow (2)
92	99.12	122.08	Shut-In(2)
122	1208.69	123.46	End Shut-In(2)
124	2209.96	123.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud w ith show of oil/Mud 100%	0.98
60.00	Watery Mud w ith show of oil	0.84
0.00	Water30% Mud 70%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16935

DST#: 4

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 16:01:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:54:30

Time Test Ended: 21:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Sw innery

Unit No: 3325 Great Bend/114

Interval: **4423.00 ft (KB) To 4439.00 ft (KB) (TVD)**

Total Depth: 4439.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2190.00 ft (KB)

2180.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6999 Outside

Press@RunDepth: 1207.83 psia @ 4436.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.04

End Date:

2013.01.04

Last Calib.: 2013.01.04

Start Time: 16:01:00

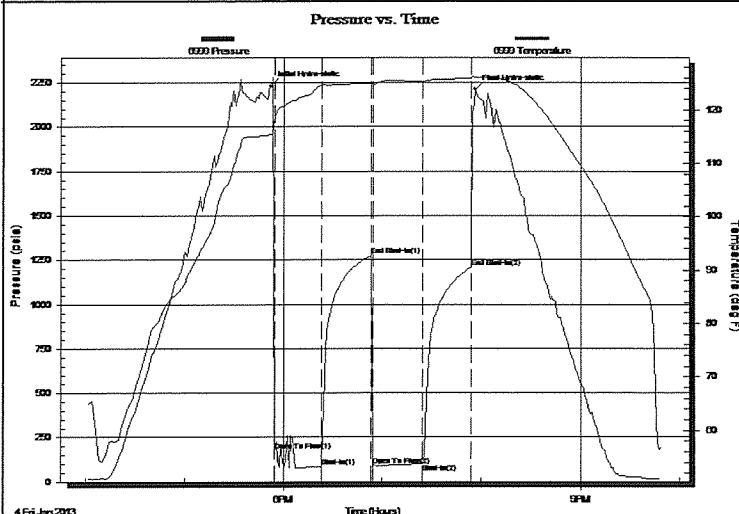
End Time:

21:48:30

Time On Btm: 2013.01.04 @ 17:52:00

Time Off Btm: 2013.01.04 @ 19:56:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 5 inches in bucket of diesel
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Weak blow /Blow built to 2 inches in bucket of diesel
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

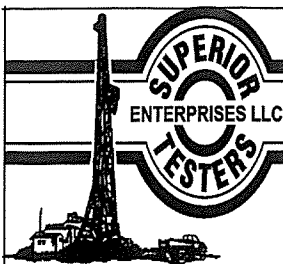
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2232.70	115.43	Initial Hydro-static
3	175.19	118.80	Open To Flow (1)
31	86.30	124.68	Shut-In(1)
62	1272.79	125.00	End Shut-In(1)
63	91.63	124.73	Open To Flow (2)
93	99.80	125.42	Shut-In(2)
122	1207.83	125.88	End Shut-In(2)
124	2212.74	126.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud with show of oil/Mud 100%	0.98
60.00	Watery Mud with show of oil	0.84
0.00	Water30% Mud 70%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16935

DST#: 4

ATTN: Kevin Bailey

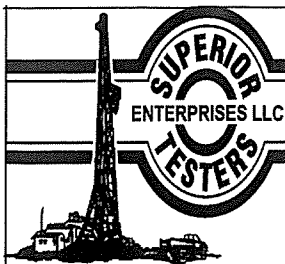
Test Start: 2013.01.04 @ 16:01:00

Tool Information

Drill Pipe:	Length: 4404.00 ft	Diameter: 3.80 inches	Volume: 61.78 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	61.78 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4423.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Shale packer used

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4401.00	
Hydrolic Tool	5.00			4406.00	
Jars	5.00			4411.00	
Safety Joint	2.00			4413.00	
Packer	5.00			4418.00	27.00 Bottom Of Top Packer
Packer	5.00			4423.00	
Anchor	11.00			4434.00	
Recorder	1.00	6749	Inside	4435.00	
Recorder	1.00	6999	Outside	4436.00	
Bullnose	3.00			4439.00	16.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16935

DST#: 4

ATTN: Kevin Bailey

Test Start: 2013.01.04 @ 16:01:00

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud with show of oil/Mud 100%	0.982
60.00	Watery Mud with show of oil	0.842
0.00	Water30% Mud 70%	0.000
0.00	Recovery Chlorides 25,000 ppm	0.000

Total Length: 130.00 ft

Total Volume: 1.824 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6749

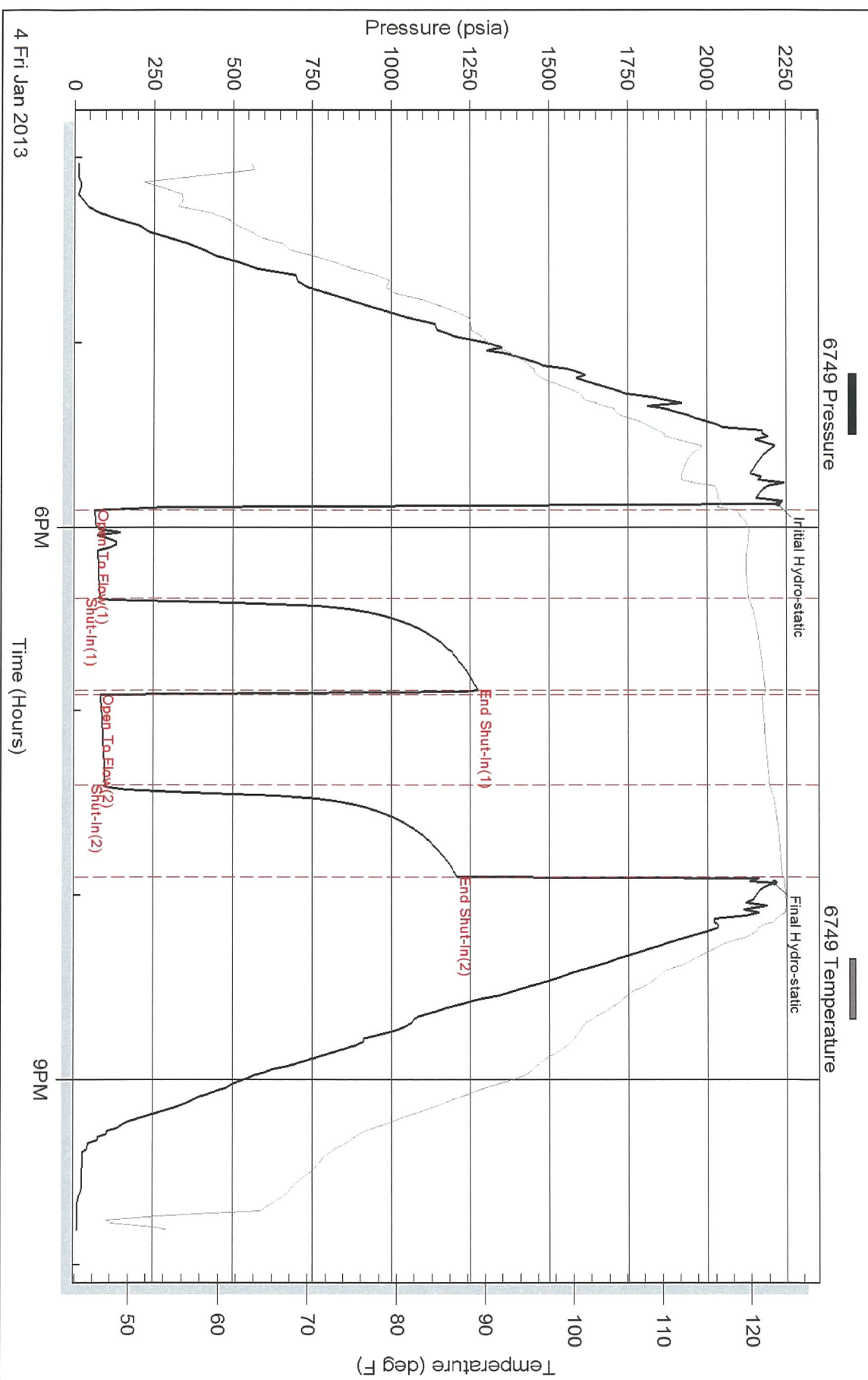
Inside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 4

Pressure vs. Time



Serial #: 6999

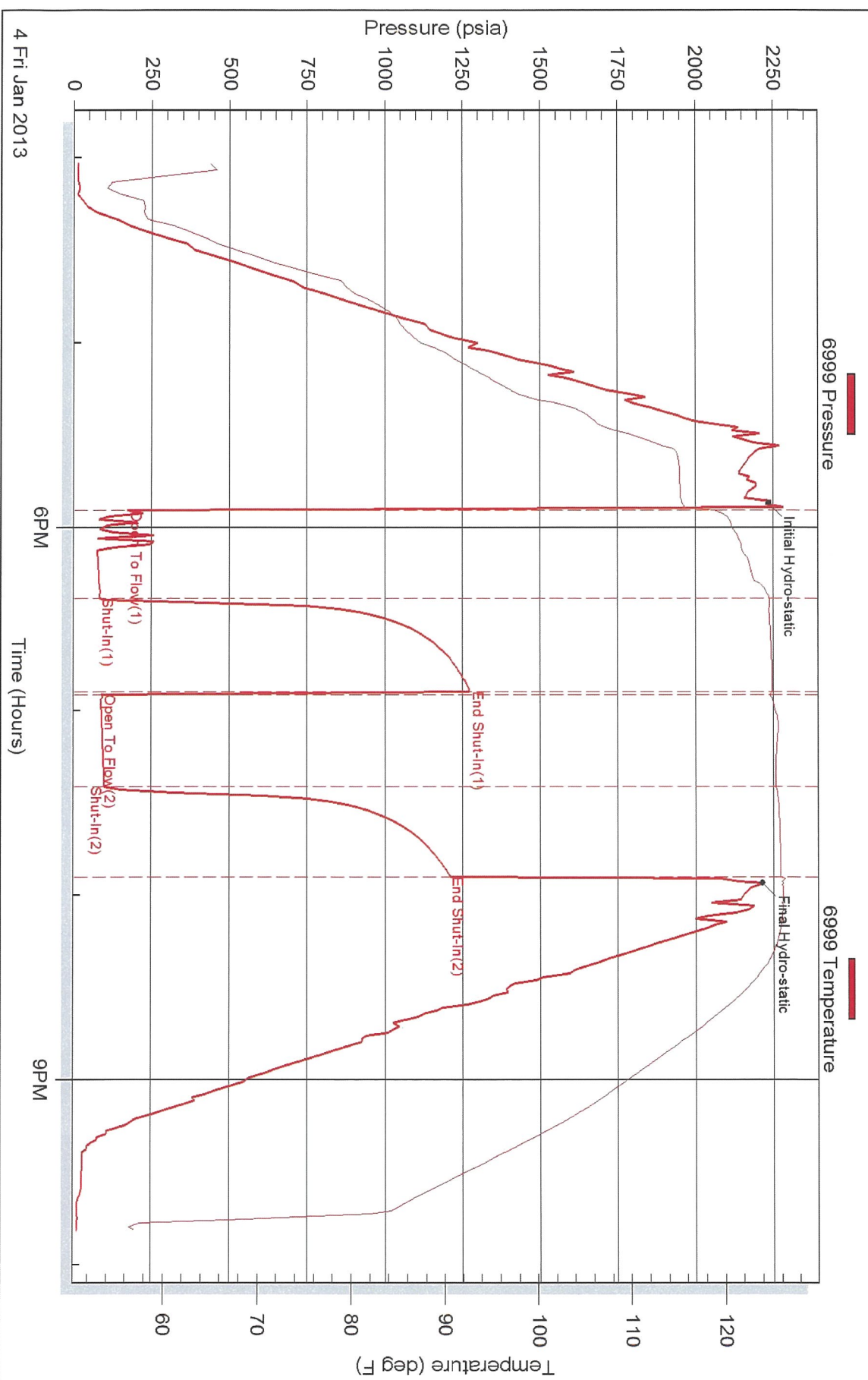
Outside

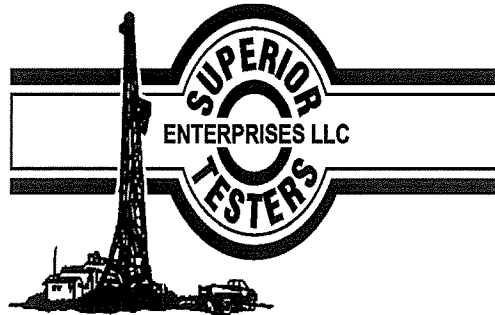
Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 4

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 SouthEast 84th Street
Newton, Kansas 67114+8827

ATTN: Kevin Bailey

Mullen Trust #1

18/22S/21W/Hodgeman

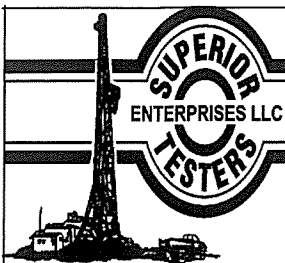
Start Date: 2013.01.05 @ 13:26:00

End Date: 2013.01.05 @ 19:46:00

Job Ticket #: 16936 DST #: 5

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.01.05 @ 20:03:00



DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16936

DST#: 5

ATTN: Kevin Bailey

Test Start: 2013.01.05 @ 13:26:00

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:37:00

Time Test Ended: 19:46:00

Test Type: Conventional Straddle (Initial)

Tester: Ken Sw inney

Unit No: 3325 Great Bend/114

Interval: **4320.00 ft (KB) To 4386.00 ft (KB) (TVD)**

Total Depth: 4480.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2190.00 ft (KB)

2180.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6999 Inside

Press@RunDepth: 67.92 psia @ 4378.86 ft (KB)

Start Date: 2013.01.05

End Date:

2013.01.05

Capacity: 5000.00 psia

Last Calib.: 2013.01.05

Start Time: 13:26:00

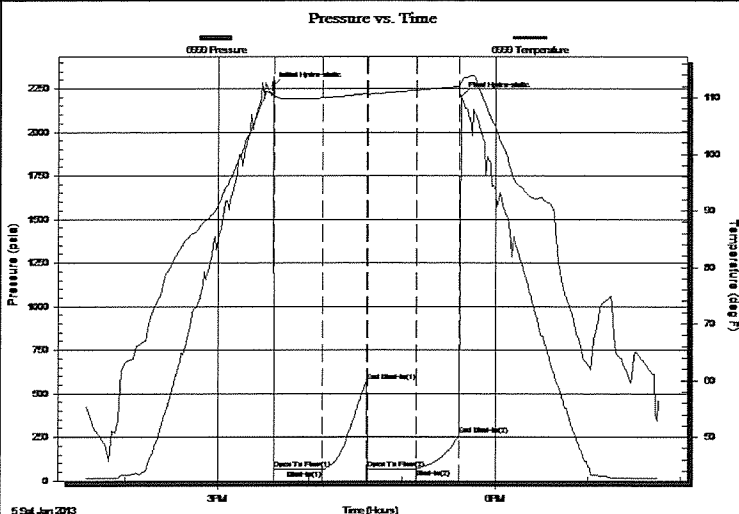
End Time:

19:46:00

Time On Btm: 2013.01.05 @ 15:35:30

Time Off Btm: 2013.01.05 @ 17:38:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1/2 inch in bucket of diesel/Blow died to weak surface blow
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Dead no blow
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

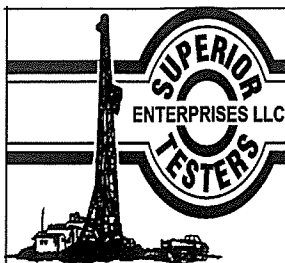
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2263.18	110.61	Initial Hydro-static
2	67.47	110.00	Open To Flow (1)
33	64.45	109.94	Shut-In(1)
62	569.70	110.68	End Shut-In(1)
63	66.37	110.61	Open To Flow (2)
94	67.92	111.26	Shut-In(2)
122	261.93	111.97	End Shut-In(2)
123	2205.50	112.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16936

DST#: 5

ATTN: Kevin Bailey

Test Start: 2013.01.05 @ 13:26:00

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:37:00

Time Test Ended: 19:46:00

Test Type: Conventional Straddle (Initial)

Tester: Ken Sw inney

Unit No: 3325 Great Bend/114

Interval: **4320.00 ft (KB) To 4386.00 ft (KB) (TVD)**

Total Depth: 4480.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2190.00 ft (KB)

2180.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6838

Inside

Press@RunDepth: 257.01 psia @ 4378.86 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.05

End Date:

2013.01.05

Last Calib.: 2013.01.05

Start Time: 13:26:00

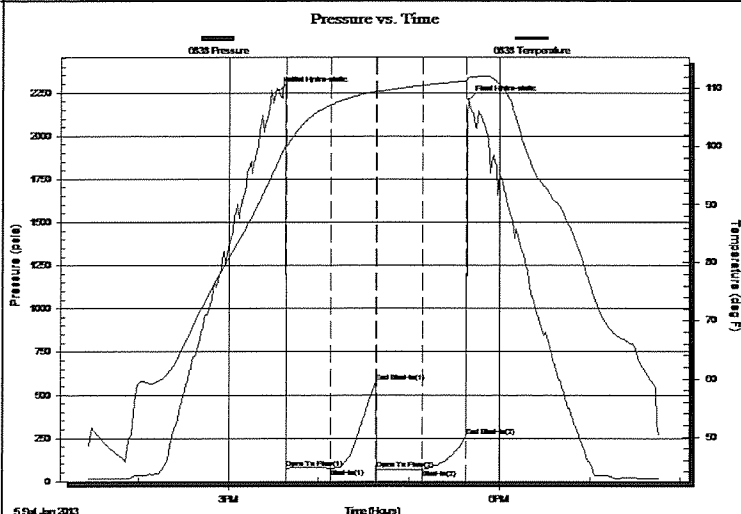
End Time:

19:46:30

Time On Btm: 2013.01.05 @ 15:33:00

Time Off Btm: 2013.01.05 @ 17:39:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1/2 inch in bucket of diesel/Blow died to weak surface blow
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Dead no blow
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

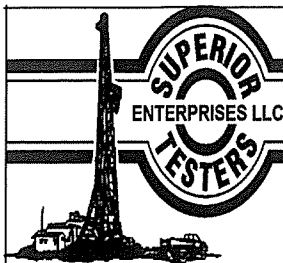
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2259.89	97.57	Initial Hydro-static
6	76.01	100.06	Open To Flow (1)
35	76.72	107.23	Shut-In(1)
65	570.17	109.51	End Shut-In(1)
66	68.28	109.46	Open To Flow (2)
96	69.08	110.53	Shut-In(2)
125	257.01	111.34	End Shut-In(2)
126	2208.39	111.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16936

DST#: 5

ATTN: Kevin Bailey

Test Start: 2013.01.05 @ 13:26:00

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:37:00

Time Test Ended: 19:46:00

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/114

Interval: **4320.00 ft (KB) To 4386.00 ft (KB) (TVD)**

Total Depth: 4480.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2190.00 ft (KB)

2180.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **6749** Below

Press@RunDepth: 1524.81 psia @ 4474.19 ft (KB)

Start Date: 2013.01.05

End Date:

2013.01.05

Capacity: 5000.00 psia

Last Calib.: 2013.01.05

Start Time: 12:36:00

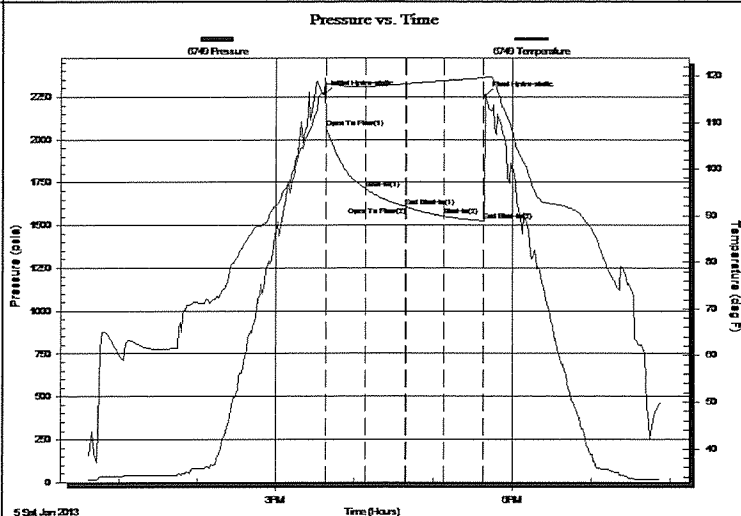
End Time:

19:52:30

Time On Btm: 2013.01.05 @ 15:36:30

Time Off Btm: 2013.01.05 @ 17:39:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1/2 inch in bucket of diesel/Blow died to weak surface blow
1ST Shut In 30 Minutes/No blow back
2ND Open 30 Minutes/Dead no blow
2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

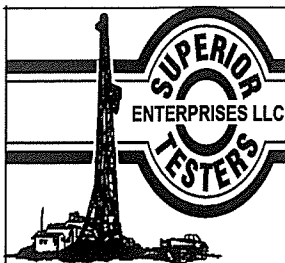
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2262.19	116.25	Initial Hydro-static
2	2066.69	118.12	Open To Flow (1)
32	1712.49	117.62	Shut-In(1)
62	1609.53	118.28	End Shut-In(1)
63	1607.50	118.30	Open To Flow (2)
92	1551.99	118.97	Shut-In(2)
122	1524.81	119.56	End Shut-In(2)
123	2255.85	119.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16936

DST#: 5

ATTN: Kevin Bailey

Test Start: 2013.01.05 @ 13:26:00

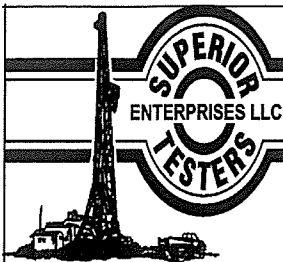
Tool Information

Drill Pipe:	Length: 4316.00 ft	Diameter: 3.80 inches	Volume: 60.54 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 60.54 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	19.70 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4320.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	4477.19 ft			
Interval between Packers:	157.19 ft			
Tool Length:	180.89 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments: Shale Packer Used

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4301.30	
Hydraulic Tool	5.00			4306.30	
Jars	5.00			4311.30	
Safety Joint	2.00			4313.30	
Packer	5.00			4318.30	23.70 Bottom Of Top Packer
Packer	1.70			4320.00	
Perforations	6.00			4326.00	
Change Over Sub	0.64			4326.64	
Drill Pipe	31.57			4358.21	
Change Over Sub	0.65			4358.86	
Handling Sub	5.00			4363.86	
Anchor	15.00			4378.86	
Recorder	0.00	6999	Inside	4378.86	
Recorder	0.00	6838	Inside	4378.86	
Blank Off Sub	0.67			4379.53	
Travel Collar	1.63			4381.16	
Packer Anchor Side	1.56			4382.72	
Packer Tail Side	1.64			4384.36	
Handling Sub	5.00			4389.36	
Perforations	20.00			4409.36	
Change Over Sub	0.79			4410.15	
Drill Pipe	63.38			4473.53	
Change Over Sub	0.66			4474.19	
Recorder	0.00	6749	Below	4474.19	
Bullnose	3.00			4477.19	157.19 Bottom Packers & Anchor

Total Tool Length: 180.89



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Incorporated

18/22S/21W/Hodgeman

4924 SouthEast 84th Street
New ton, Kansas 67114+8827

Mullen Trust #1

Job Ticket: 16936

DST#: 5

ATTN: Kevin Bailey

Test Start: 2013.01.05 @ 13:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 11.20 in³

Resistivity: ohm.m

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6999

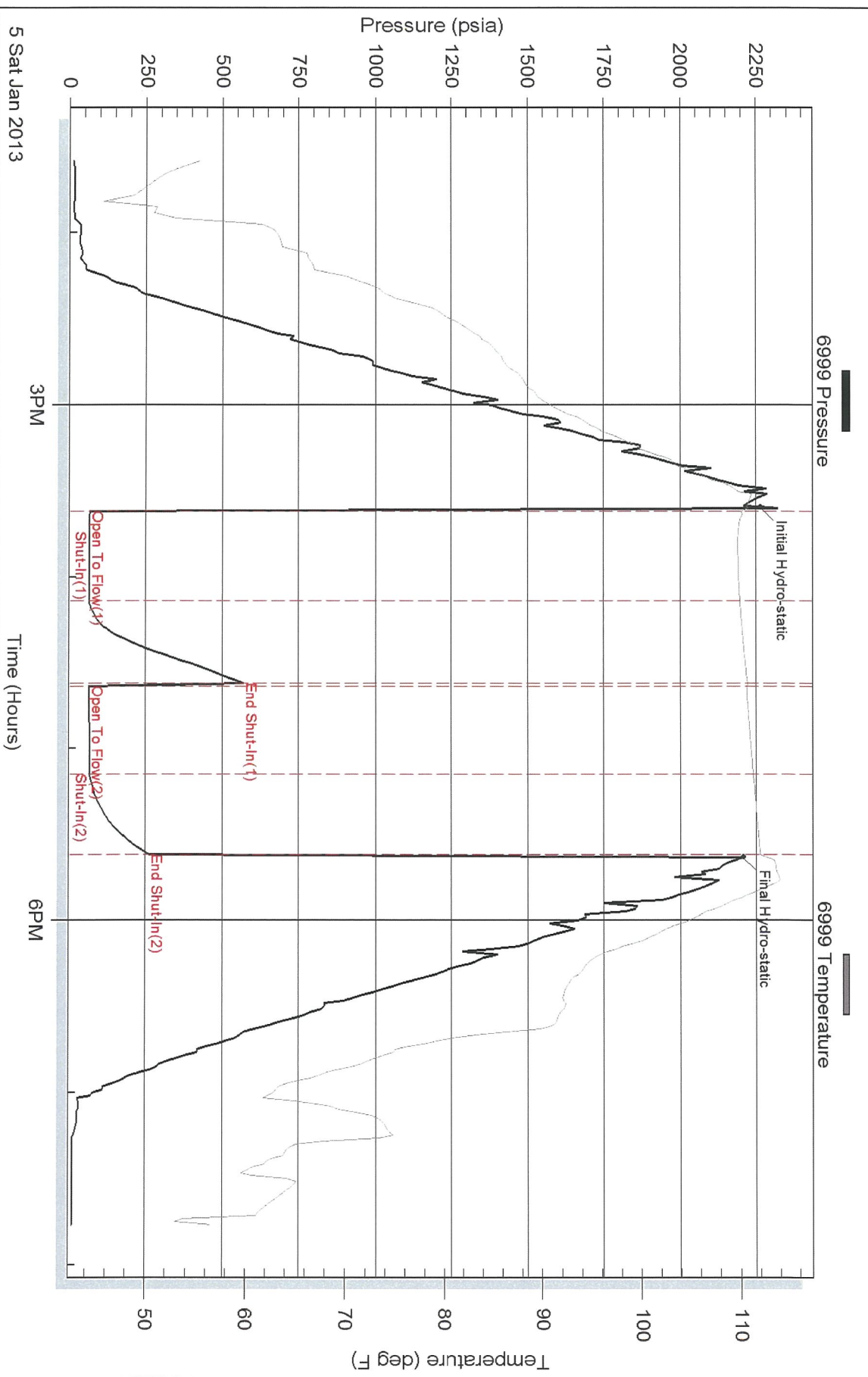
Inside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 5

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16936

Printed: 2013.01.05 @ 20:03:01

Serial #: 6838

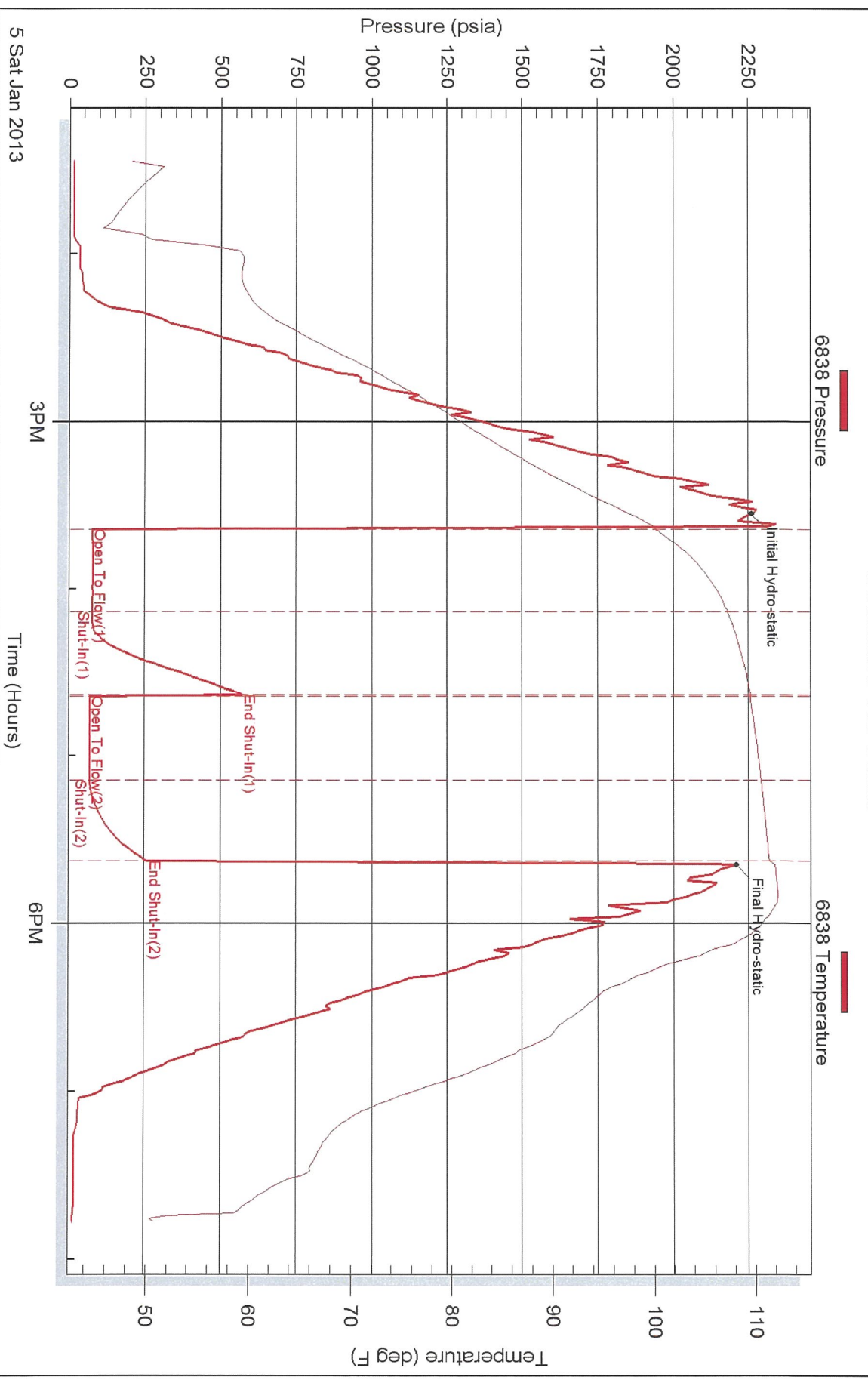
Inside

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 5

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16936

Printed: 2013.01.05 @ 20:03:01

Serial #: 6749

Below

Palomino Petroleum Incorporated

Mullen Trust #1

DST Test Number: 5

Pressure vs. Time

