

GTHT - ____1____

BOPE

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, August 16, 2012 4:29 PM
To: 'Janney, David'; Shapard, Craig, EMNRD
Cc: 'Louis E Capuano III'; RigManager Cyrq (rigmgrcyrq@gmail.com)
Subject: RE: Retest on BOP bag.

Gentlemen:

The New Mexico Oil Conservation Division (OCD) in accordance with its Geothermal Regulations and stipulated minimum BOPE pressure and Internal MIT requirements deems the BOPE test a "Pass" (+/- 10% of original start pressure for at least 30 minutes).

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US
Website: <http://www.emnrd.state.nm.us/ocd/>

"Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?" To see how, please go to: "Pollution Prevention & Waste Minimization" at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: Janney, David [<mailto:david.janney@amec.com>]
Sent: Thursday, August 16, 2012 3:58 PM
To: Chavez, Carl J, EMNRD; Shapard, Craig, EMNRD
Cc: 'Louis E Capuano III'
Subject: RE: Retest on BOP bag.

Gentlemen:

I take it the test meets with your approval. We pressured up to 906 and had only 50 psi (5.5%) bleed off in 30 minutes.

Regards,

David W. Janney, PG
Senior Geologist
AMEC Environment and Infrastructure
8519 Jefferson, NE
Albuquerque, NM 87113
505.821.1801 off
505.821.7371 fax
505.449.8457 cell

From: Chavez, Carl J, EMNRD [<mailto:CarlJ.Chavez@state.nm.us>]
Sent: Thursday, August 16, 2012 3:26 PM
To: Janney, David
Subject: RE: Retest on BOP bag.

David:

Received. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US
Website: <http://www.emnrd.state.nm.us/ocd/>
“Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?” To see how, please go to: “Pollution Prevention & Waste Minimization” at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: Janney, David [<mailto:david.janney@amec.com>]
Sent: Thursday, August 16, 2012 3:25 PM
To: Chavez, Carl J, EMNRD
Cc: Shapard, Craig, EMNRD; Dade, Randy, EMNRD
Subject: FW: Retest on BOP bag.

As requested

From: RigManager Cyrq [<mailto:rigmgrcyrq@gmail.com>]
Sent: Thursday, August 16, 2012 2:41 PM
To: CarlJ.Chavez@state.nm.us; craig.shapard@state.nm.us; Janney, David; doug.rappuhn@state.nm.us; haddy.phillips@state.nm.us; john.perry@cyrgenergy.com; leciii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Randy.Dade@state.nm.us
Subject: Retest on BOP bag.

Please respond to this E-mail so that i am aware that you received it feel free to call or E-mail me.
Thank you.
Steve Summit

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Chavez, Carl J, EMNRD

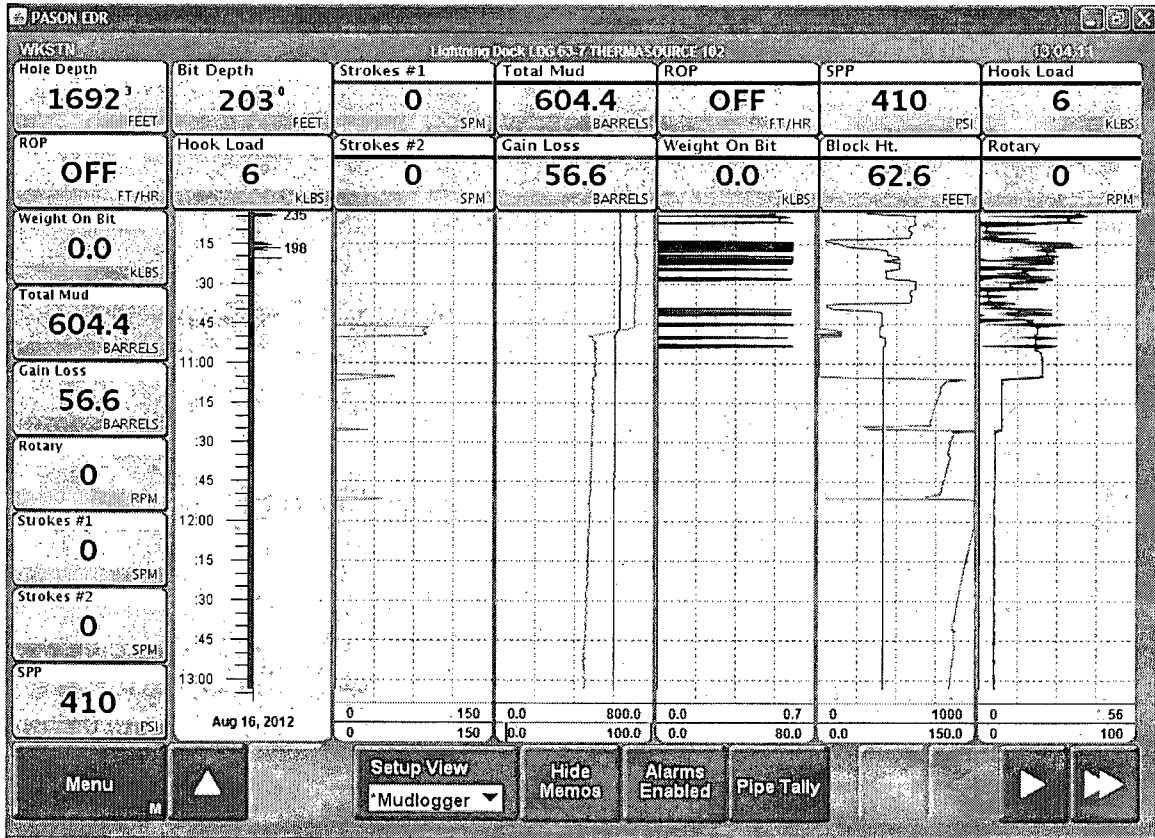
From: Janney, David <david.janney@amec.com>
Sent: Thursday, August 16, 2012 3:25 PM
To: Chavez, Carl J, EMNRD
Cc: Shapard, Craig, EMNRD; Dade, Randy, EMNRD
Subject: FW: Retest on BOP bag.
Attachments: Hydril(1).doc; LDG 63-7 8.16 Hydril.xls

As requested

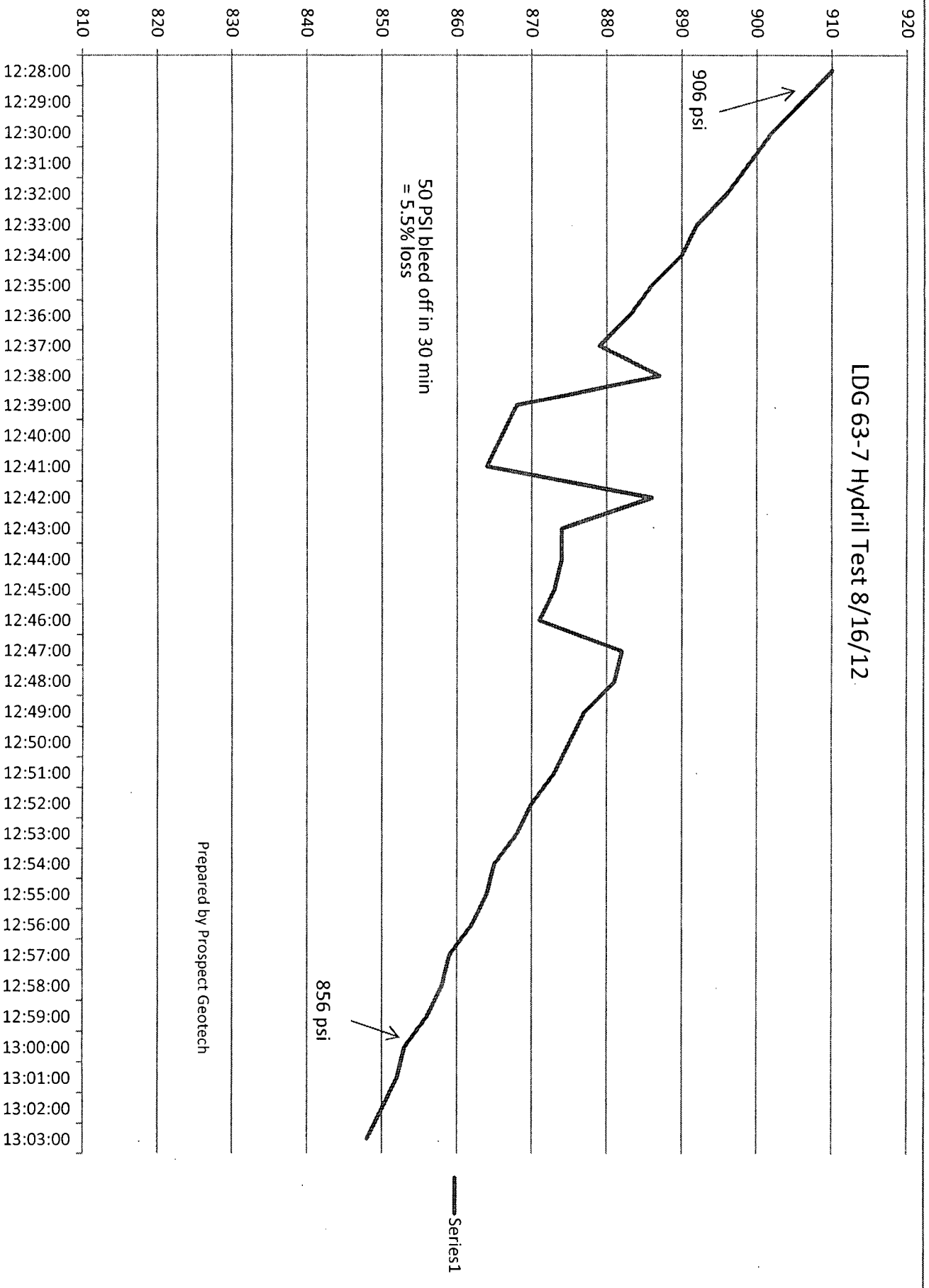
From: RigManager Cyrq [<mailto:rigmgrcyrq@gmail.com>]
Sent: Thursday, August 16, 2012 2:41 PM
To: CarlJ.Chavez@state.nm.us; craig.shapard@state.nm.us; Janney, David; doug.rappuhn@state.nm.us; haddy.phillips@state.nm.us; john.perry@cyrgenergy.com; leciiii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Randy.Dade@state.nm.us
Subject: Retest on BOP bag.

Please respond to this E-mail so that i am aware that you received it feel free to call or E-mail me.
Thank you.
Steve Summit

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.



LDG 63-7 Hydril Test 8/16/12



Chavez, Carl J, EMNRD

From: Janney, David <david.janney@amec.com>
Sent: Thursday, August 16, 2012 8:43 AM
To: Chavez, Carl J, EMNRD
Subject: RE: BOP test and fit test

Good morning Carl:

Thank you for bringing this to our attention. We are in the process of tripping out to retest the BOP to at least 750 psi and will not advance the well bore until this has been done.

Regards,

David W. Janney, PG
Senior Geologist
AMEC Environment and Infrastructure
8519 Jefferson, NE
Albuquerque, NM 87113
505.821.1801 off
505.821.7371 fax
505.449.8457 cell

From: Chavez, Carl J, EMNRD [<mailto:CarlJ.Chavez@state.nm.us>]
Sent: Thursday, August 16, 2012 7:31 AM
To: RigManager Cyrq; Shapard, Craig, EMNRD; Janney, David; Rappuhn, Doug H., OSE; Phillips, Haddy L., OSE; john.perry@cyrgenergy.com; lecliii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Dade, Randy, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Brooks, David K., EMNRD; Shapard, Craig, EMNRD
Subject: RE: BOP test and fit test

Mr. Summit:

It appears that you are not in compliance with OCD Regulations for testing BOPs. Please note the requirements below and adhere to the regulations.

OCD BOP Test Requirements:

Please note:

19.14.104.8 TESTING OF BLOWOUT PREVENTION EQUIPMENT:

A. Upon installation, ram-type blowout preventers, bag-type blowout preventers, valves and manifolds shall be tested to a ~~minimum of 750 psi pressure~~. Tests may be witnessed by a division representative on all wells prior to drilling out the shoe of the surface casing, and the division shall be notified of the date and hour any such test is to be conducted sufficiently in advance of the test to allow a division representative to travel to the well to witness the test.

B. Ram-type preventers shall be operated at least once each 24 hours and bag-type preventers closed on the drill pipe at least once each week, provided however, that an exception to this provision may be granted by the division's geothermal section to prevent undue wear and tear on the preventer rubbers when drilling drysteam wells.

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US
Website: <http://www.emnrd.state.nm.us/ocd/>

“Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?” To see how, please go to: “Pollution Prevention & Waste Minimization” at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: RigManager Cyrq [<mailto:rigmgrcyrq@gmail.com>]

Sent: Thursday, August 16, 2012 7:25 AM

To: Chavez, Carl J, EMNRD; Shapard, Craig, EMNRD; david.janney@amec.com; Rappuhn, Doug H., OSE; Phillips, Haddy L., OSE; john.perry@cyrgenergy.com; leciii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Dade, Randy, EMNRD

Subject: BOP test and fit test

Thank you
Steve Summit

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, August 16, 2012 7:31 AM
To: 'RigManager Cyrq'; Shapard, Craig, EMNRD; david.janney@amec.com; Rappuhn, Doug H., OSE; Phillips, Haddy L., OSE; john.perry@cyrgenergy.com; lecii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Dade, Randy, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Brooks, David K., EMNRD; Shapard, Craig, EMNRD
Subject: RE: BOP test and fit test

Mr. Summit:

It appears that you are not in compliance with OCD Regulations for testing BOPs. Please note the requirements below and adhere to the regulations.

OCD BOP Test Requirements:

Please note:

19.14.104.8 TESTING OF BLOWOUT PREVENTION EQUIPMENT:

A. Upon installation, ram-type blowout preventers, bag-type blowout preventers, valves and manifolds shall be tested to a minimum of 750 psi pressure. Tests may be witnessed by a division representative on all wells prior to drilling out the shoe of the surface casing, and the division shall be notified of the date and hour any such test is to be conducted sufficiently in advance of the test to allow a division representative to travel to the well to witness the test.

B. Ram-type preventers shall be operated at least once each 24 hours and bag-type preventers closed on the drill pipe at least once each week, provided however, that an exception to this provision may be granted by the division's geothermal section to prevent undue wear and tear on the preventer rubbers when drilling drysteam wells.

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US

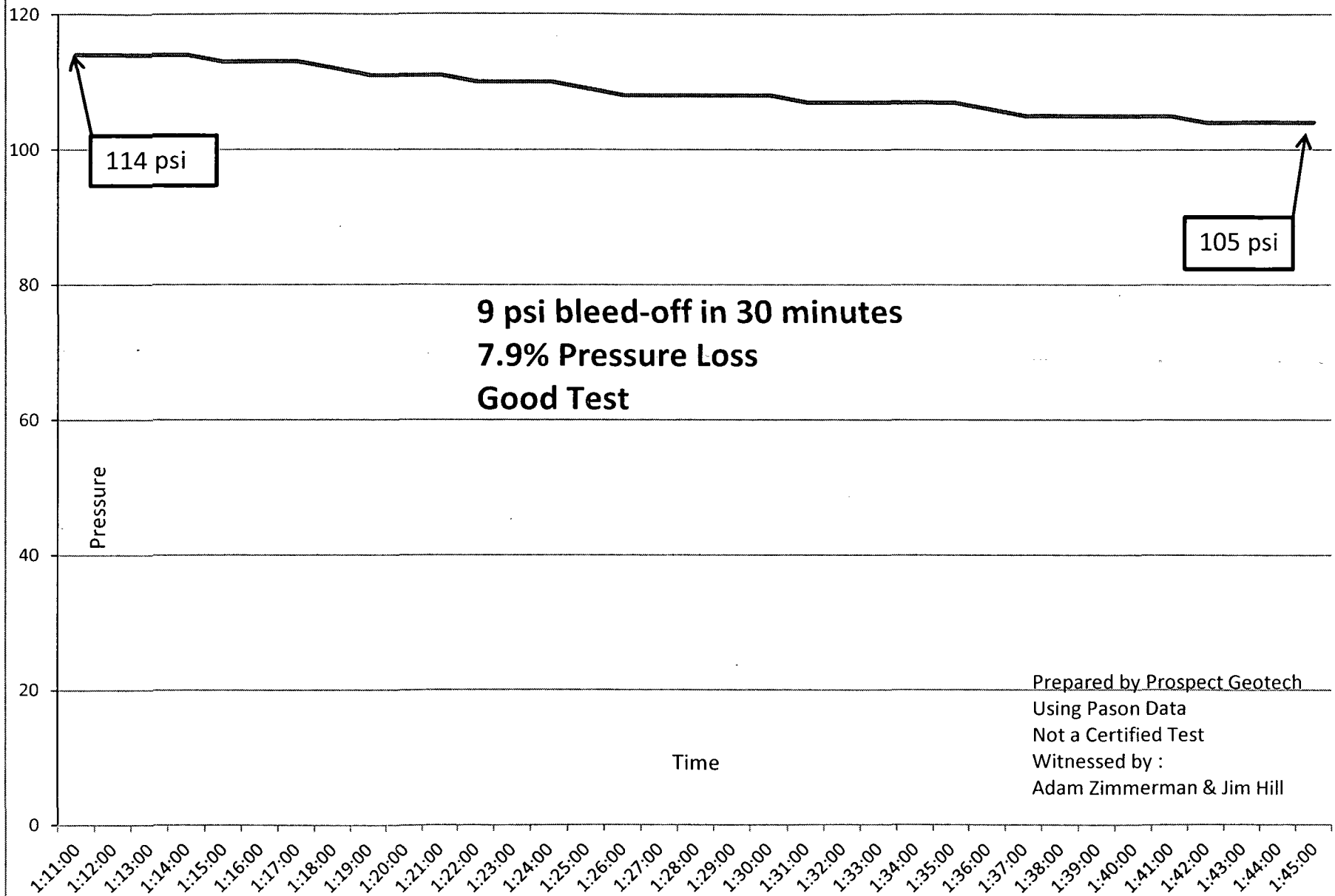
Website: <http://www.emnrd.state.nm.us/ocd/>

"Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?" To see how, please go to: "Pollution Prevention & Waste Minimization" at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: RigManager Cyrq [<mailto:rigmgrcyrq@gmail.com>]
Sent: Thursday, August 16, 2012 7:25 AM
To: Chavez, Carl J, EMNRD; Shapard, Craig, EMNRD; david.janney@amec.com; Rappuhn, Doug H., OSE; Phillips, Haddy L., OSE; john.perry@cyrgenergy.com; lecii@capuanoengineering.com; michaelsmith@blm.gov; michelle@mhenrie.com; nick.goodman@cyrgenergy.com; Dade, Randy, EMNRD
Subject: BOP test and fit test

Thank you
Steve Summit

LDG 69-7 Annular BOP Test, 8/8/2012



Prepared by Prospect Geotech

Using Pason Data

Not a Certified Test

Witnessed by :

Adam Zimmerman & Jim Hill

Chavez, Carl J, EMNRD

From: RigManager Cyrq [rigmgrcyrq@gmail.com]
Sent: Saturday, January 21, 2012 10:19 AM
To: Chavez, Carl J, EMNRD; Phillips, Haddy L., OSE; mikesmit@blm.gov; Dade, Randy, EMNRD; Ben Barker
Cc: lcapua2@thermasource.com
Subject: LDG47 - 7 BOPE Inspection
Attachments: 47 - 7 BOPE Inspection.pdf

Attached is a copy of my inspection test form.

Thanks,

Richard Lemon

KGRA BOPE INSPECTION FORM 4.0-7

THIS BOPE INSPECTION REPORT WILL BE COMPLETED BY THE APPROPRIATE REPRESENTATIVE. A COPY WILL BE GIVEN TO THE APPROPRIATE FEDERAL AGENCY.

REPRESENTATIVE Richard Lemon

WELL Lightning Dock Geothermal # 47 - 7

YES NO N/A

<u>X</u>	<u> </u>	<u> </u>	A. IS BOP RATING AND ARRANGEMENT TO AT LEAST THAT APPROVED?
<u>X</u>	<u> </u>	<u> </u>	B. ARE KILL AND FILL LINES PROPERLY INSTALLED?
<u> </u>	<u> </u>	<u>X</u>	C. ARE CONTROLS INSTALLED AND FUNCTIONAL?
<u>X</u>	<u> </u>	<u> </u>	1. REMOTE CONTROLS ON FLOOR?
<u> </u>	<u> </u>	<u>X</u>	2. MASTER CONTROLS?
<u> </u>	<u> </u>	<u> </u>	3. HAND WHEELS OR AUTOLOCK?
<u>X</u>	<u> </u>	<u> </u>	D. IS PRESSURE ACCUMULATOR SYSTEM ADEQUATE TO ACTIVATE BOP?
<u>X</u>	<u> </u>	<u> </u>	E. HAS THE PRE-CHARGE ON THE ACCUMULATOR SYSTEM BEEN CHECKED WITHIN THE LAST 60 DAYS?
<u>X</u>	<u> </u>	<u> </u>	F. ARE DRILL STRING SAFETY VALVES AND / OR INSIDE BOP VALVES OPERABLE?
<u>X</u>	<u> </u>	<u> </u>	G. ARE UPPER AND/OR LOWER KELLY COCK VALVES OPERABLE?
<u>X</u>	<u> </u>	<u> </u>	H. ARE APPROPRIATE KELLY COCK VALVE WRENCHES READILY ACCESSIBLE?
<u>X</u>	<u> </u>	<u> </u>	I. IS THE ROTATING HEAD INSTALLED AND OPERABLE?
<u>X</u>	<u> </u>	<u> </u>	J. ARE ANNULAR TYPE PREVENTERS TESTED AS REQUIRED?
<u>X</u>	<u> </u>	<u> </u>	K. ARE PIPE RAM TYPE PREVENTERS TESTED AS REQUIRED?
<u> </u>	<u> </u>	<u>X</u>	L. ARE SLAB GATE PREVENTERS TESTED AS REQUIRED?
<u> </u>	<u> </u>	<u>X</u>	M. ARE BLIND TYPE PREVENTERS TESTED AS REQUIRED?
<u>X</u>	<u> </u>	<u> </u>	N. IS GENERAL HOUSEKEEPING GOOD?

THIS INSPECTION WAS CONDUCTED BEFORE DRILLING BELOW THE FOLLOWING STRING:

<u> </u>	CONDUCTOR CASING.
<u>X</u>	SURFACE CASING.
<u> </u>	INTERMEDIATE CASING.
<u> </u>	PRODUCTION CASING / LINER.

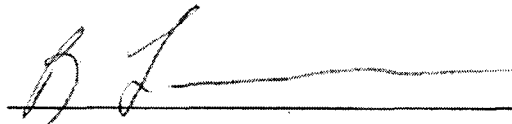
 THIS INSPECTION WAS CONDUCTED BEFORE COMMENCING WORKOVER OPERATIONS

 THIS INSPECTION WAS CONDUCTED AFTER REPAIRS.

X THIS INSPECTION WAS CONDUCTED DURING ROUTINE OPERATIONS

THE BOPE WAS TESTED TO 1000 PSI AND THE TEST WAS SATISFACTORY

DATE: January 20, 2012


 REPRESENTATIVE'S SIGNATURE

Chavez, Carl J, EMNRD

From: RigManager Cyrq [rigmgcyrq@gmail.com]
Sent: Saturday, January 21, 2012 6:59 AM
To: Chavez, Carl J, EMNRD; Phillips, Haddy L., OSE; mikesmit@blm.gov; Dade, Randy, EMNRD; Ben Barker
Subject: BOPE & FIT Test charts for 47 -7
Attachments: annular test.xls; choke test.xls; Formation Integrity Test.xls; pipe rams test.xls

Attached are the charts from our BOPE & Formation tests.

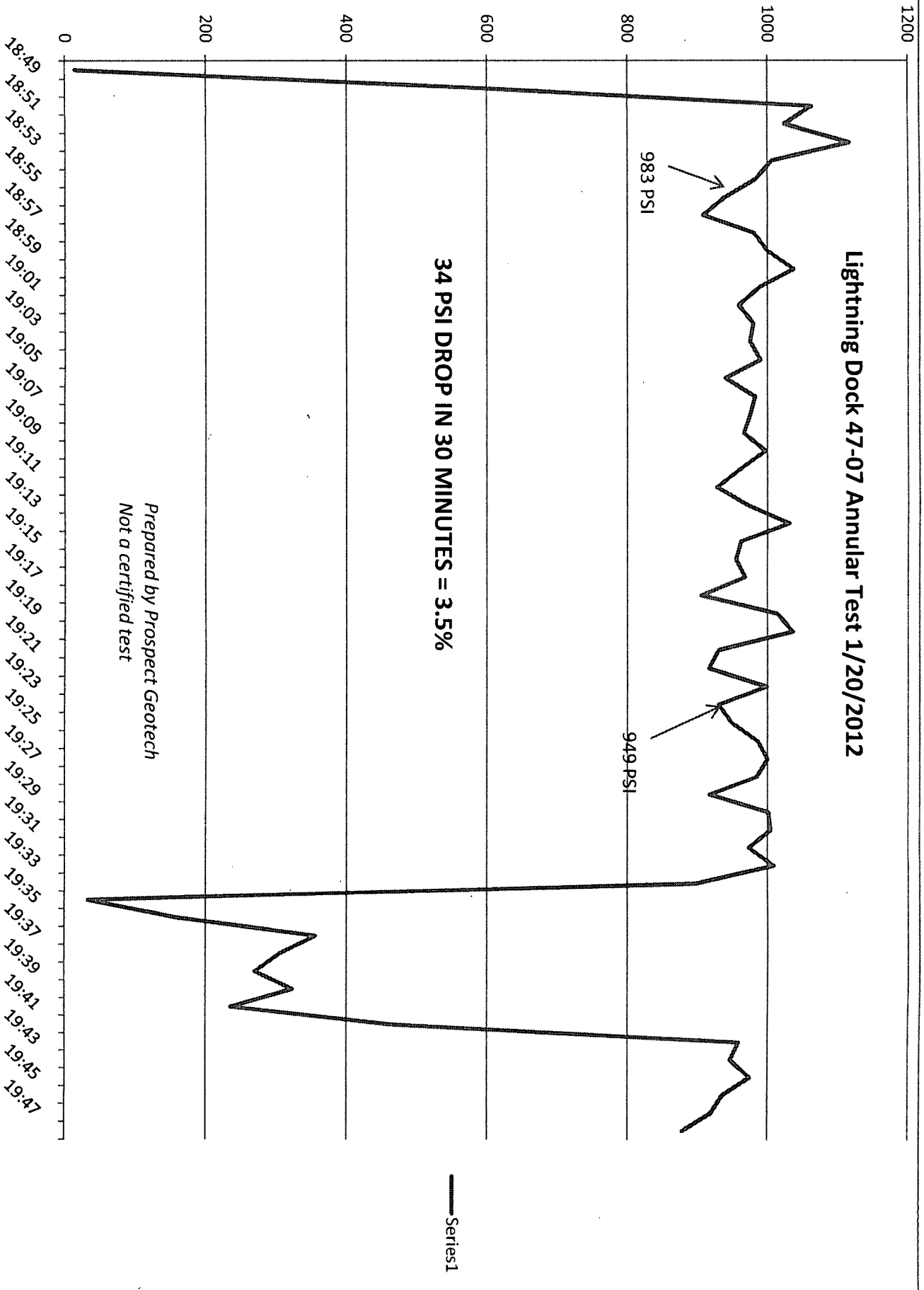
Thanks,

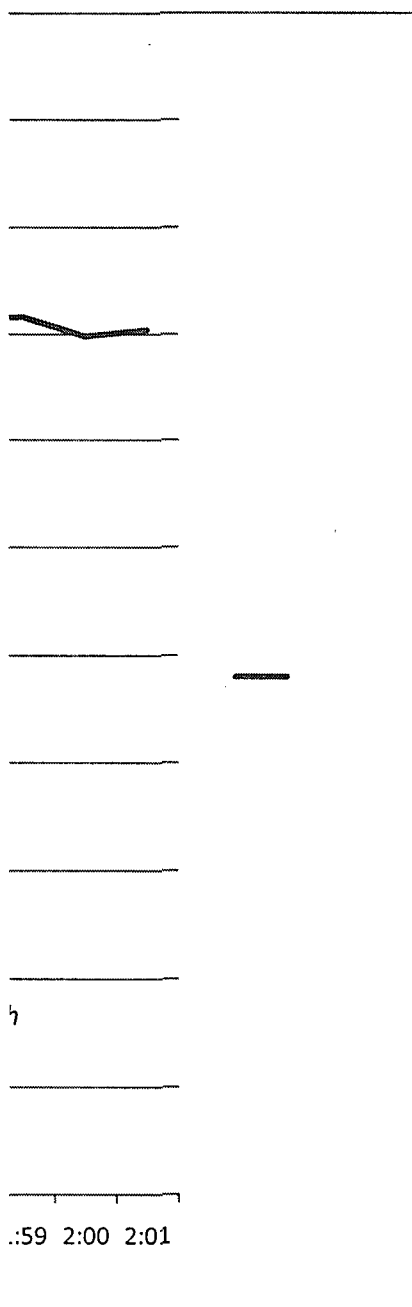
Richard Lemon

Lightning Dock 47-07 Annular Test 1/20/2012

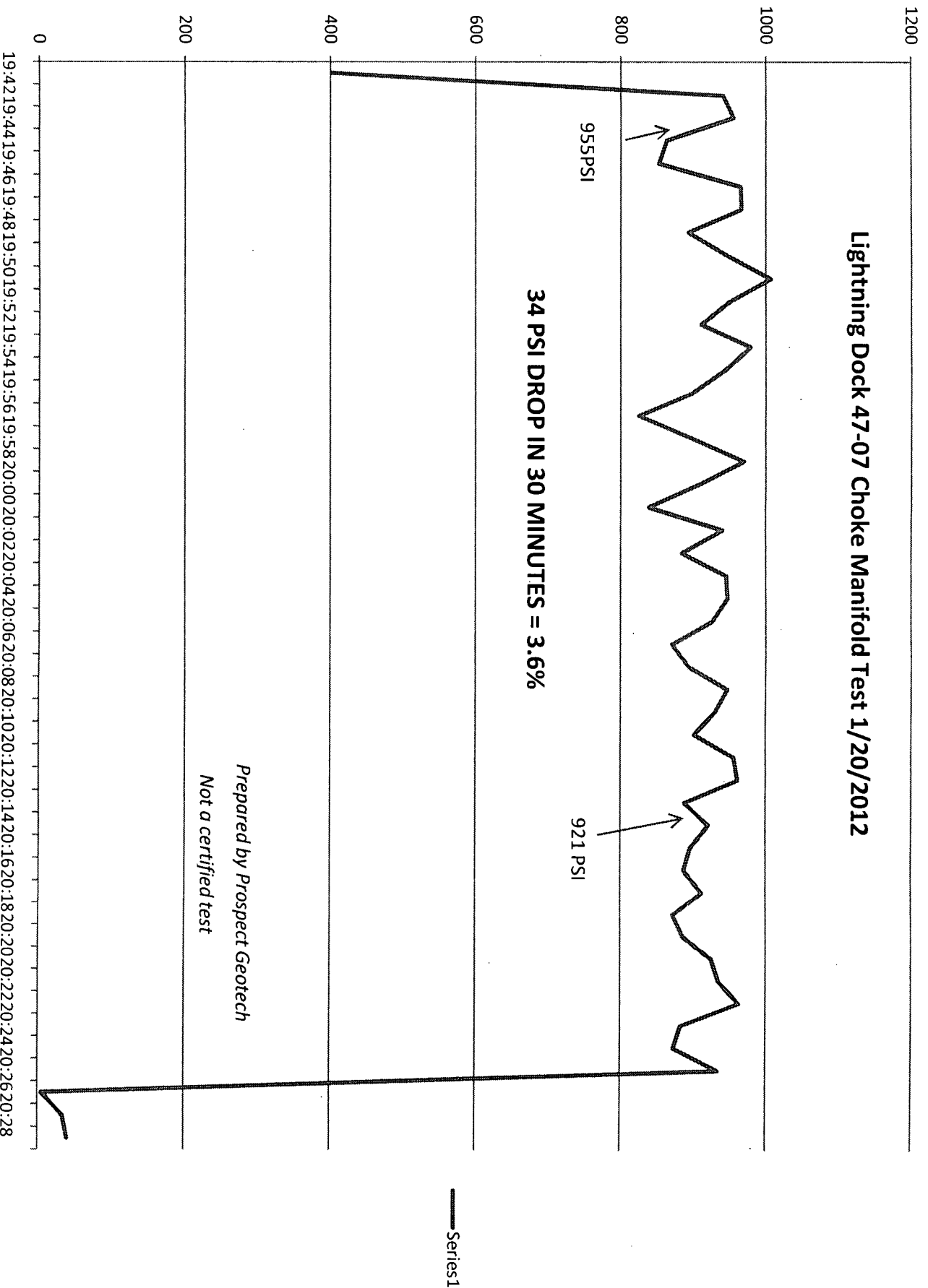
34 PSI DROP IN 30 MINUTES = 3.5%

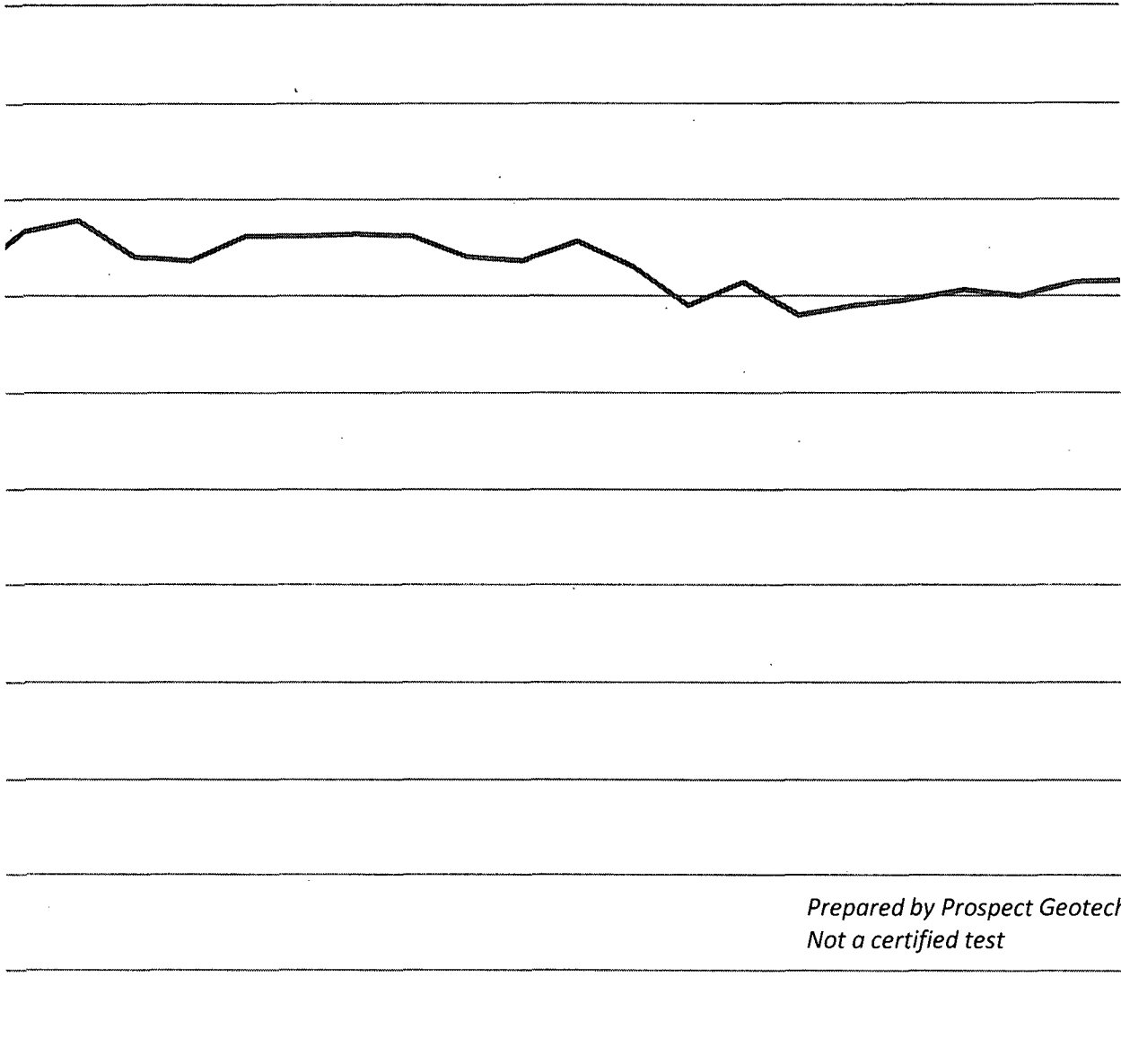
Prepared by Prospect Geotech
Not a certified test





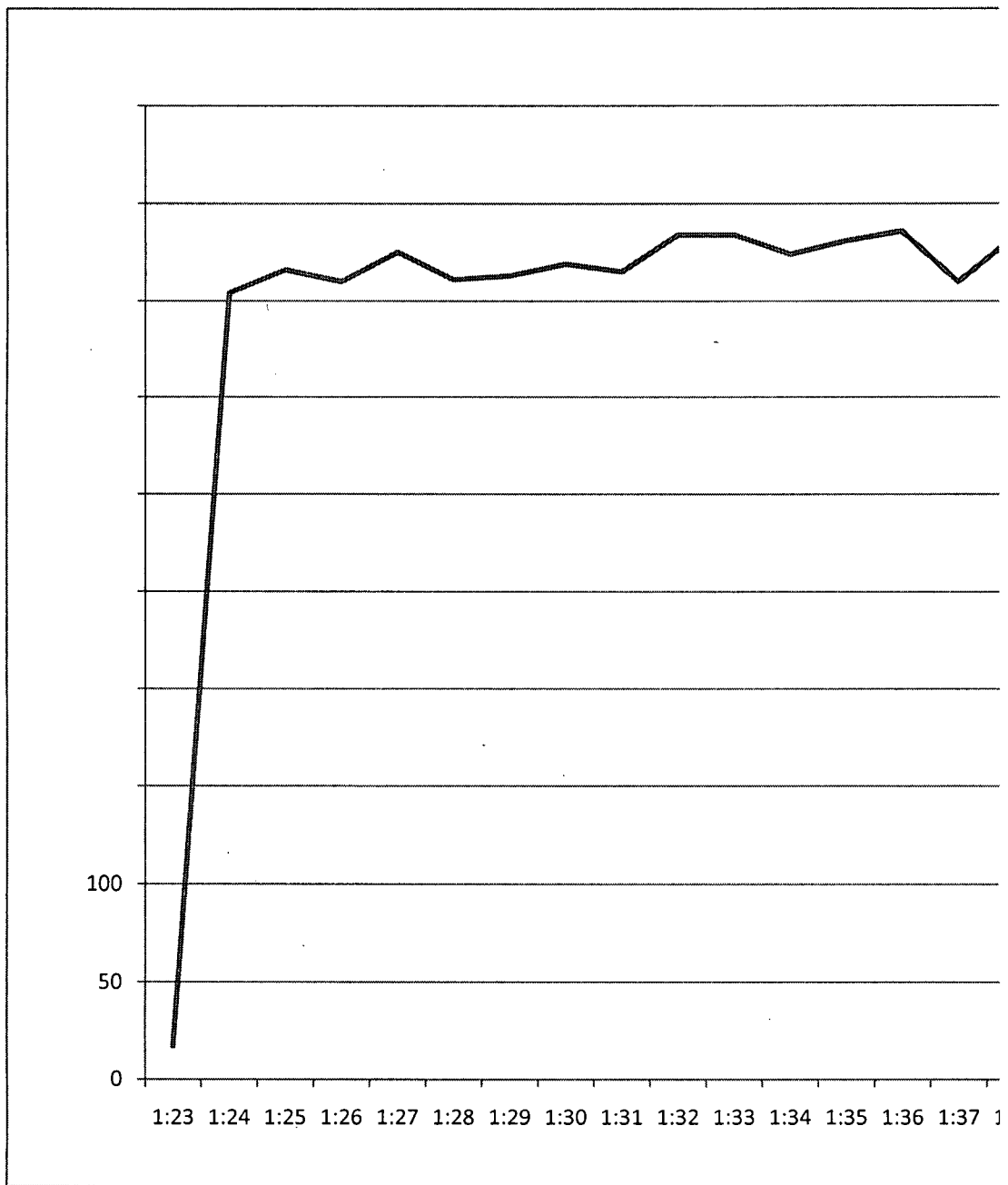
Lightning Dock 47-07 Choke Manifold Test 1/20/2012





*Prepared by Prospect Geotech
Not a certified test*

1:38 1:39 1:40 1:41 1:42 1:43 1:44 1:45 1:46 1:47 1:48 1:49 1:50 1:51 1:52 1:53 1:54 1:55 1:56 1:57 1
TIME



Lightning Dock 47-07 Pipe Rams Test

