Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM121958

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
DOMINATOR 25 FEDERAL COM 711H

2. Name of Operator
COG OPERATING LLC
Contact: MAYTE X REYES
E-Mail: mreyes1@concho.com

9. API Well No.
30-025-44731-00-X1

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)
Ph: 575-748-6945

10. Field and Pool or Exploratory Area
WC-025 G-08 S203435D-WOLFCAMP

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 25 T25S R33E SESW 280FSL 1522FWL
32.095024 N Lat, 103.529678 W Lon

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

Carlsbad Field Office
OCD Hobbs

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating LLC, respectfully requests approval for the following changes to the original approved APD.

HOBBS OCD
SEP 13 2018
RECEIVED

Operator will need to sundry the following for Dominator 25 Fed Com #711H:
Drill 14.75? surface hole instead of 13.5?. Operator will up volume of cement to circulate to surface.
Operator will run a DVT/ECP @ 5,150? in the 7.625? Intermediate casing string and pump a 2 stage cement job
1st stage: Lead with 700 sx Neocem (11.0 # / 2.81 yd). Tail with 300 sx Class H (16.4#/ 1.1 yd)
2nd stage: Lead with 900sx 35:65:6 Class C Blend (12.7# / 2.0 yd). Tail with 150 sx Class C (14.8 # / 1.35 yd)

11 previous COAs shall apply except the following. Variance to use a SM is approved. SM annular must be tested to SM.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #431486 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/17/2018 (18PP1709SE)

Name *(Printed/Typed)* MAYTE X REYES — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 08/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/Zota Stevens — Title Petroleum Engineer — Date 8/20/18

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad Field Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #431486 that would not fit on the form

32. Additional remarks, continued

Operator will need variance for flex hose for Nabors 894.
Also need to apply for 5M Annular variance. Attached procedures for the variance.

1. Component and Preventer Compatibility Table

The table below covers drilling and casing of the 10M MASP portion of the well and outlines the tubulars and the compatible preventers in use. Combined with the mud program, the below documents that two barriers to flow can be maintained at all times, independent of the rating of the annular preventer.

Component	OD	Preventer	RWP
Drill pipe	4.5"	Upper 4.5-7" VBR Lower 4.5-7" VBR	10M
HWDP	4.5"		
Jars	4.875" - 5"		
Drill collars and MWD tools	4.75" - 5"		
Mud Motor	4.75"-5.875"		
Production casing	5.5" & 5"		
ALL	0- 13.625"	Annular	5M
Open-hole	-	Blind Rams	10M

VBR = Variable Bore Ram with compatible range listed in chart.

2. Well Control and Shut-In Procedures

Well control procedures are specific to the rig equipment and the operation at the time the kick occurs. Below are minimum tasks prescribed to assure a proper shut-in while drilling, tripping, running casing, pipe out of the hole (open hole), and moving the BHA through the BOPs. The maximum pressure at which well control is transferred from the annular to another compatible ram is 2500 psi.

Drilling:

1. Sound the alarm (alert rig crew)
2. Space out the drill string
3. Shut down pumps and stop the rotary
4. Shut-in the well with the annular with HCR and choke in closed position
5. Confirm the well is shut-in
6. Notify contractor and company representatives
7. Read and record the following data
    - Time of shut-in
    - SIDPP and SICP
    - Pit gain
8. If pressure has increased to or is anticipated to increase to 2500 psi, confirm spacing and close the upper pipe rams.
9. Prepare for well kill operation.

Tripping:

1. Sound alarm (alert rig crew)
2. Stab full opening safety valve and close the valve
3. Space out the drill string
4. Shut-in the well with the annular with HCR and choke in closed position
5. Confirm shut-in
6. Notify contractor and company representatives
7. Read and record the following data:

- Time of shut-in
- SIDPP and SICP
- Pit gain

8. If pressure has increased to or is anticipated to increase to 2500 psi, confirm spacing and close the upper pipe rams.
9. Prepare for well kill operation.

Running Casing

1. Sound alarm (alert rig crew)
2. Stab crossover and valve and close the valve
3. Shut-in the well with annular with HCR and choke in closed position
4. Confirm shut-in
5. Notify contractor and company representatives
6. Read and record the following data
   - Time of shut-in
   - SIDPP and SICP
   - Pit gain
7. If pressure has increased to or is anticipated to increase to 2500 psi, confirm spacing and close the upper pipe rams.
8. Prepare for well kill operation

No Pipe in Hole (Open Hole)

1. At any point when pipe or BHA are not in BOP stack, well will be shut in with blind rams, HCR will be open and choke will be closed. If pressure increase is observed:
2. Sound alarm (alert crew)
3. Confirm shut-in
4. Notify contractor and company representatives
5. Read and record the following data
   - Time of shut-in
   - Time of pressure increase
   - SICP
6. Prepare for well kill operation

Pulling BHA through BOP Stack

1. Prior to pulling last joint/stand of drillpipe through the stack, perform a flow check. If well is flowing:
   a. Sound alarm (alert crew)
   b. Stab full opening safety valve and close the valve
   c. Space out drill string with tooljoint just beneath the upper pipe ram.
   d. Shut-in the well with upper pipe ram with HCR and choke in closed position
   e. Confirm shut-in
   f. Notify contractor and company representatives
   g. Read and record the following data
      - Time of shut-in
      - SIDPP and SICP
      - Pit gain
   h. Prepare for well kill operation.

2. With BHA in the stack:
    a. If possible to pick up high enough, pull BHA clear of the stack
        i. Follow "Open Hole" procedure above
    b. If impossible to pick up high enough to pull BHA clear of the stack:
        i. Stab crossover, make up one joint/stand of drillpipe, and full opening safety valve and close
        ii. Space out drill string with tooljoint just beneath the upper pipe ram.
        iii. Shut-in the well with upper pipe ram with HCR and choke in closed position
        iv. Confirm shut-in
        v. Notify contractor and company representatives
        vi. Read and record the following:
            - Time of shut-in
            - SIDPP and SICP
            - Pit gain
        vii. Prepare for well kill operation.

3. Well Control Drills

Well control drills are specific to the rig equipment, personnel and operation at the time a kick occurs. Each crew will execute one drill weekly relevant to ongoing operations, but will make a reasonable attempt to vary the type of drills. The drills will be recorded in the daily drilling log. Below are minimum tasks for respective well control drills.

Drilling/Pit:

Action	Responsible Party
Initiate Drill • Lift Flow Sensor or Pit Float to indicate a kick • Immediately record start time	Company Representative / Rig Manager
Recognition • Driller and/or Crew recognizes indicator • Driller stop drilling, pick up off bottom and spaces out drill string, stop pumps and rotary • Conduct flow check	Driller
Initiate Action • Sound alarm, notify rig crew that the well is flowing	Company Representative / Rig Manager
Reaction • Driller moves BOP remote and stands by • Crew is at their assigned stations • Time is stopped • Record time and drill type in the Drilling Report	Driller / Crew

Tripping Pit Drills (either in the hole or out of the hole)

Action	Responsible Party
Initiate Drill • Lift Flow Sensor or Pit Float to indicate a kick • Immediately record start time	Company Representative / Rig Manager
Recognition • Driller recognizes indicator • Suspends tripping operations • Conduct Flow Check	Driller
Initiate Action • Sound alarm, notify rig crew that the well is flowing	Company Representative / Rig Manager
Reaction • Position tool joint above rotary and set slips • Stab FOSV and close valve • Driller moves to BOP remote and stands by • Crew is at their assigned stations • Time is stopped • Record time and drill type in the Drilling Report	Driller / Crew

Choke

Action	Responsible Party
• Have designated choke operator on station at the choke panel • Close annular preventer • Pressure annulus up 200-300 psi • Pump slowly to bump the float and obtain SIDPP • At choke operator instruction, slowly bring pumps online to slow pump rate while holding casing pressure constant at the SICP. • Allow time for the well to stabilize. Mark and record circulating drillpipe pressure. • Measure time lag on drillpipe gauge after choke adjustments. • Hold casing pressure constant as pumps are slowed down while choke is closed. • Record time and drill type in the Drilling Report	Company Man / Rig Manager & Rig Crew

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ContiTech Fluid Technology

COPY

ContiTech Oil & Marine Corp. # 11535 Brittmoore Park Dr., Houston, TX 77041-6916 USA

NDTUSA- ODESSA
2500 W OREGON
ODESSA TX 79764

Transport-Details - Shipping

Conditions
Shipping Conditions 0 days
Inco Terms EXW Houston
Ex Works

Delivery Note

Document No.	**83854547**
Document Date	**06/28/2017**
Customer Number	11721
Customer VAT No.	
Supplier Number	
N° EORI:	FR4102795330002
Purchase Order No.	13999606
Purchase Order Date	06/26/2017
Sales Order Number	974000
Sales Order Date	06/26/2017

Unloading Point

Page 1 of 2

~~Weights (Gross / Net)~~

Total Weight	1,700.000 LB
Net Weight	1,700.000 LB

Buyer: Andras Kruppa
E-mail: Andras.Kruppa@nabors.com

PR#14438486

Rig: X31

Item	Material/Description	Quantity	Weight
10	00RECERTIFY	1 PC	1,700.000 LB

Recertification of HP Hoses Serial#62205
3" ID 10K Choke and Kill Hose x 35ft OAL

End 1: 4 - 1/16" 10Kpsi API Spec 17D SV Swivel Flange
End 2: 4 - 1/16" 10Kpsi API Spec 17D SV Swivel Flange
c/w BX155 ring groove SS Inlay each end
Standard: API Spec 16C - Monogrammed
Working Pressure: 10,000psi
Test Pressure: 15,000psi

Asset # 66-0945

Inspection & Certification includes:
External inspection of the hose & couplings
Internal boroscopic inspection of hose liner
Hydrostatic pressure test of hose assembly

Continental

ContiTech Fluid Technology

Conditions		**Delivery Note**	
Shipping Conditions	0 days	Document No.	83854547
Inco Terms	EXW Houston Ex Works	Document Date	06/28/2017
		Page 2 of 2	

Repair of any external damage to hose body and end connections (limited to minor repairs)
Clean & protect end connections
Inspection Report

Disposal of hose assembly if hose fails inspection and recertification process

Please Flush Hoses before sending them to our Facility.

Buyer: Andras Kruppa
E-mail: Andras.Kruppa@nabors.com

PR#14438486

Rig: X31

Inner packages

Quantity	Packaging	Material	Charge
1	420"X15"X15" -Loose	00RECERTIFY	1

Package number 123198224

Hydrostatic Test Certificate

ContiTech

Certificate Number	COM Order Reference	Customer Name & Address
4000	974000	Nabors Lux Finance 2 S.a.r.L. 8-10 Avenue de la Gare L-1610 LUXEMBOURG
Customer Purchase Order No:	13999606	
Project:		

Test Center Address	Accepted by COM Inspection		Accepted by Client Inspection
ContiTech Oil & Marine Corp. 11535 Brittmoore Park Drive Houston, TX 77041 USA	Signed: Date:	Roger Suarez 6/27/17	

We certify that the goods detailed hereon have been inspected as described below by our Quality Management System, and to the best of our knowledge are found to conform the requirements of the above referenced purchase order as issued to ContiTech Oil & Marine Corporation.

Item	Part No.	Description	Qty.	Serial Number	Work. Press.	Test Press.	Test Time (minutes)
20		RECERTIFICATION - 3" ID 10K Choke & Kill Hose x 35 ft OAL	1	62205 Assest # 66-0945	10,000 psi	15,000 psi	60

Certificate of Conformity

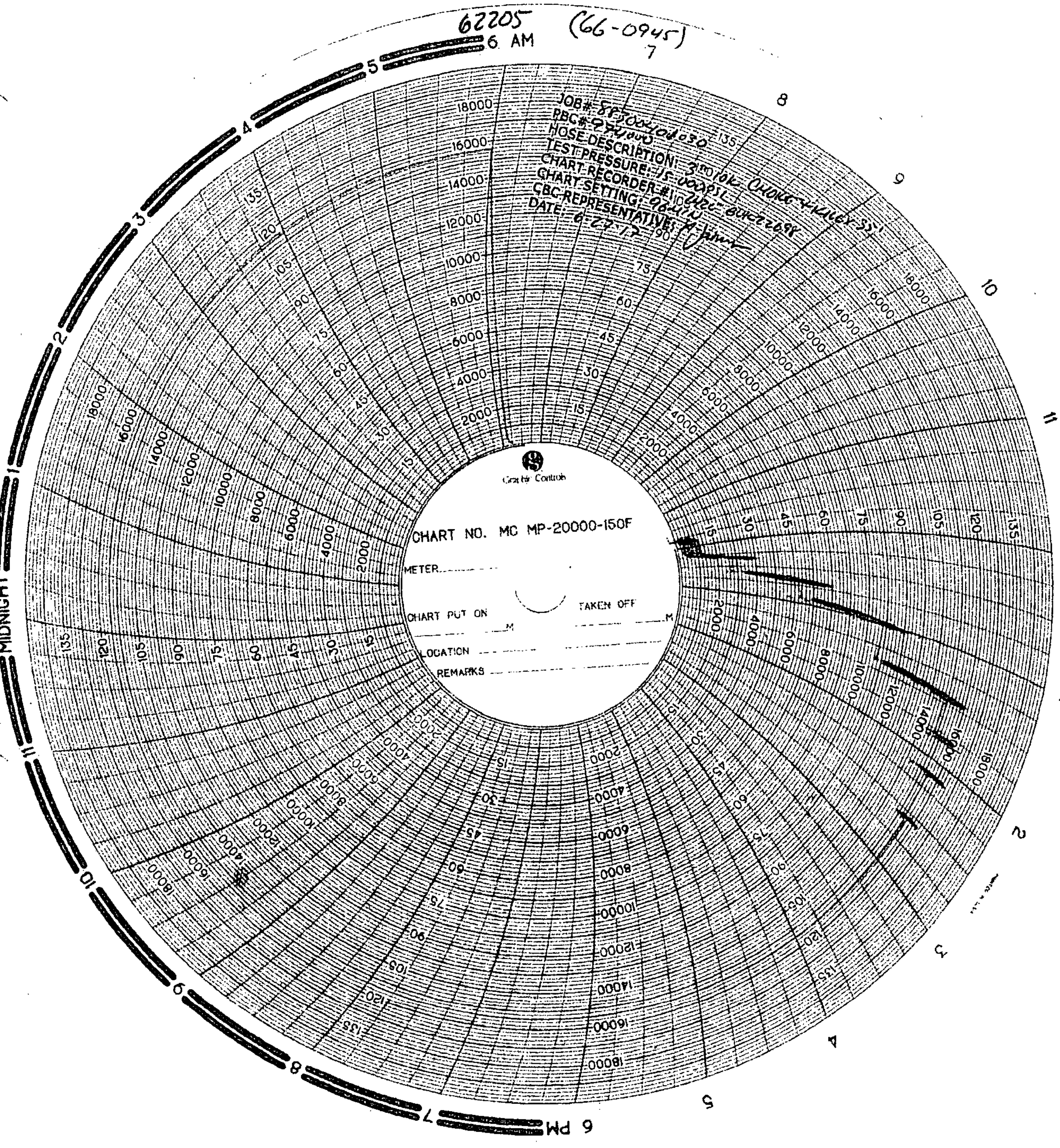
ContiTech

rtificate Number	COM Order Reference	Customer Name & Address
4000	974000	Nabors Lux Finance 2 S.a.r.L. 8-10 Avenue de la Gare L-1610 LUXEMBOURG
Customer Purchase Order No:	13999606	
Project:		

Test Center Address	Accepted by COM Inspection		Accepted by Client Inspection
ContiTech Oil & Marine Corp. 11535 Brittmoore Park Drive Houston, TX 77041 USA	Signed: Date:	Roger Suarez 6/27/17	

We certify that the items detailed below meet the requirements of the customer's Purchase Order referenced above, and are in conformance with the specifications given below.

Item	Position	Description	Qty.	Serial Number	Specification
20		RECERTIFICATION - 3" ID 10K Choke & Kill Hose x 35 ft OAL	1	62205 Assest # 66-0945	ContiTech Standard



62205
(66-0945)
JOB#:
PBC#:
HOSE DESCRIPTION:
TEST PRESSURE:
CHART RECORDER #:
CHART SETTING:
CBC REPRESENTATIVE:
DATE: 6-27-17
Graphic Controls
CHART NO. MC MP-20000-150F
METER
CHART PUT ON
TAKEN OFF
LOCATION
REMARKS
6 AM
NOON
6 PM
MIDNIGHT

Hose Inspection Report

ContiTech Oil & Marine

Customer	Customer Reference #	COM Reference #	COM Inspector	Date of Inspection
Nabors	13999606	974000	A. Jaimes	06/27/2017

Hose Manufacturer	Contitech Rubber Industrial

Hose Serial #	62205 (66-0945)	**Date of Manufacture**	12/2011
Hose I.D.	3"	**Working Pressure**	10000PSI
Hose Type	Choke and Kill	**Test Pressure**	15000PSI
Manufacturing Standard	API 16C		

Connections

End A: 4.1/16" 10Kpsi API Spec 17D Swivel Flange	**End B:** 4.1/16" 10Kpsi API Spec 17D Swivel Flange
• Dents	• No damage
Material: Carbon Steel	**Material:** Carbon Steel
Seal Face: BX155	**Seal Face:** BX155
Length Before Hydro Test: 35'	**Length After Hydro test:** 35'

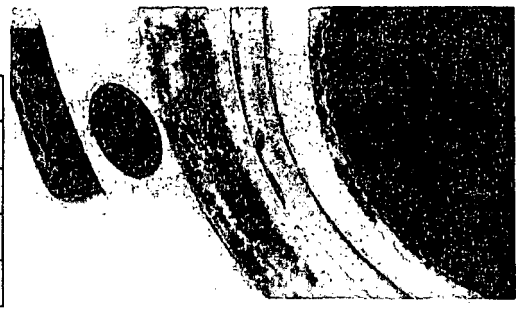
Conclusion: Hose #62205 passed the external inspection with no notable damage to the hose armor. The flange face on end A did have minor dents but did not affect the test outcome. It is advised that additional care be taken in order to avoid further damage to the flange face. Internal borescope of the hose showed no damage to the liner. Hose #62205 passed the hydrostatic pressure test by holding a pressure of 15,000PSI for 60 minutes. **Hose #62205 is suitable for continued service.**

Recommendations: In general the hose should be inspected on a regular on-going basis. The frequency and degree of the inspection should as a minimum follow these guidelines:

Visual inspection: Every 3 to 6 months (or during installation/removal)
Annual: In-situ pressure test (in addition to the 3 to 6 monthly inspections)
Initial 5 years service: Major inspection
2nd Major inspection: Following subsequent 3 year life cycle
(Detailed description of test regime available upon request, QCP 206-1)

**NOTE: There are a number of critical elements in the hose that cannot be thoroughly checked through standard inspection techniques. Away from dissecting the hose body, the best way to evaluate the condition of the hose is through review of the operating conditions recorded during the hose service life, in particular maximums and peak conditions.

External Damage Pre – Hydro test
End A has minor dents at the edge of the seal face but did
not compromise the hydrostatic pressure test. Additional
care should be take in order to avoid further damage



Issued By: Alejandro Jaimes
Date: 6/27/2017

Checked By: Gerson Mejia-Lazo
Date: 6/27/2017

(1) Ship-to party
NDTUSA- ODESSA
2500 W OREGON
ODESSA TX 79764

(2) Unloading point - storage location - usage

(3) Delivery note no.
83854547

(4) Vendor address (short name, plant, ZIP, city)
ContiTech Oil & Marine Corp.
11535 Brittmoore Park Drive
Houston TX 77041-6916

(8) Supplier ref. no.
00RECERTIFY

(9) Quantity
1

(5) Net weight
1,700 LB

(6) Gross weight
1,700 LB

(7) Number of packages
1

(10) Description of delivery, service
Recertification of HP Hoses Se

(12) ContiTech Sales order no.
974000

(13) Packing date
06/28/17

(14) Engineering change status

(15) Package no.
123198224

(16) Customer PO no.
13999606

Material label VDA 4902 Vers. 4

66-0945 62205

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°:	682	
PURCHASER:	ContiTech Oil & Marine Corp.			P.O. N°:	4500984922	
CONTITECH RUBBER order N°:	987778	HOSE TYPE:	3" ID	Choke and Kill Hose		
HOSE SERIAL N°:	73981	NOMINAL / ACTUAL LENGTH:		13,72 m / 13,80 m		
W.P. 69,0 MPa	10000 psi	T.P. 103,5 MPa	15000 psi	Duration:	60	min.

Pressure test with water at ambient temperature

See attachment (1 page)

COUPLINGS Type	Serial N°	Quality	Heat N°
3" coupling with	8077 8083	AISI 4130	A0939Y
4 1/16" 10K API Swivel Flange end		AISI 4130	037184 85913
Hub		AISI 4130	A0939Y

Not Designed For Well Testing **API Spec 16 C 2nd Edition– FSL2**

TAG NO.: 66-1486 **Temperature rate: "B"**

All metal parts are flawless

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER INSPECTED AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

STATEMENT OF CONFORMITY: We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

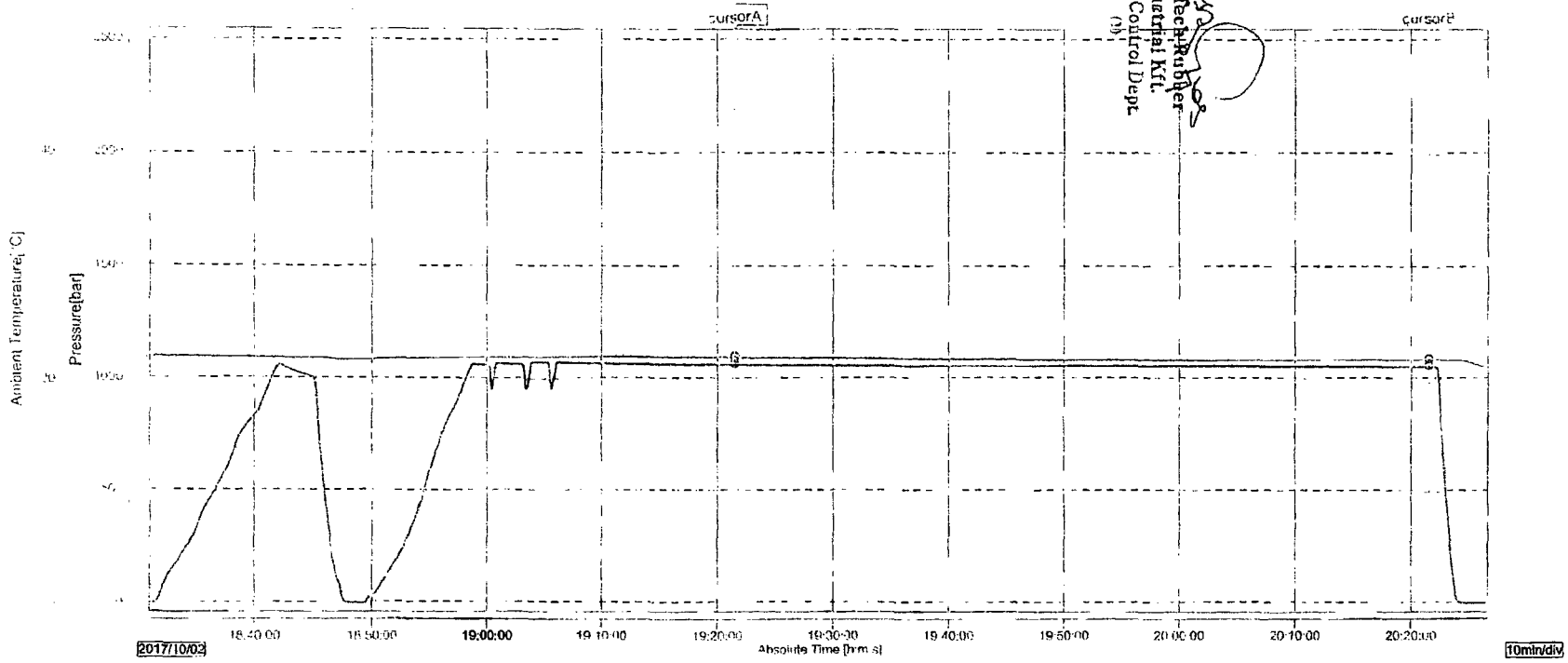
COUNTRY OF ORIGIN HUNGARY/EU

Date:	Inspector	Quality Control
03. October 2017.		ContiTech Rubber Industrial Kft. Quality Control Dept.

ATTACHMENT OF QUALITY CONTROL INSPECTION AND TEST CERTIFICATE No: 681, 682

File Name	020572_73980,73981.GEV,...,020583_73980,73981.GEV		
File Message	73980,73981		
Device Type	GX10		
Serial No.	: S5P606399	Sampling Int.	5.000 sec
Data Count	: 1386	Start Time	: 2017/10/02 18:31:10.000
		Stop Time	: 2017/10/02 20:26:35.000
Print Group	Press-Temp		
Print Range	2017/10/02 18:31:10.000 - 2017/10/02 20:26:35.000		
Comment	142056635		

	Cursor A	Cursor B	Difference
Data No.	604	1324	720
Absolute Time	2017/10/02 19:21:30.000	2017/10/02 20:21:30.000	01:00:00.000
Tag Comment	Value A	Value B	Value B-A
Pressure[bar]	1064.15	1055.97	-8.18
Ambient Temperature[°C]	21.93	21.73	-0.20



ContiTech Rubber Industrial Kft.
Quality Control Dept.

CONTITECH RUBBER Industrial Kft.	No: QC-DB- 298 / 2017
	Page: 9 / 119

Hose Data Sheet

CRI Order No.	987778
Customer	ContiTech Oil & Marine Corp
Customer Order No	4500984922 CO987640
Item No.	10
Hose Type	Flexible Hose
Standard	**API SPEC 16C 2ND EDITION FSL2**
Inside dia in inches	3
Length	45 ft
Type of coupling one end	FLANGE 4.1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155ST/ST INLAID RING GROOVE SOUR
Type of coupling other end	FLANGE 4.1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155 ST/ST INLAID RING GROOVE SOUR
H2S service NACE MR0175	Yes
Working Pressure	10 000 psi
Design Pressure	10 000 psi
Test Pressure	15 000 psi
Safety Factor	2,25
Marking	CONTINENTAL CONTITECH
Cover	NOT FIRE RESISTANT
Outside protection	St.steel outer wrap
Internal stripwound tube	No
Lining	OIL + GAS RESISTANT SOUR
Safety clamp	Yes
Lifting collar	Yes
Element C	Yes
Safety chain	No
Safety wire rope	Yes
Max.design temperature [°C]	100
Min.design temperature [°C]	-20
Min. Bend Radius operating [m]	0,90
Min. Bend Radius storage [m]	0,90
Electrical continuity	The Hose is electrically continuous
Type of packing	WOODEN CRATE ISPM-15

ContiTech Rubber
Industrial Kft.
QC 2

Continental

ContiTech Fluid Technology

COPY

ContiTech Oil & Marine Corp. # 11535 Brittmoore Park Dr., Houston, TX 77041-6916 USA

NDTUSA- ODESSA
2500 W OREGON
ODESSA TX 79764

Delivery Note

Document No.	83854547
Document Date	06/28/2017
Customer Number	11721
Customer VAT No.	
Supplier Number	
N° EORI:	FR4102795330002
Purchase Order No.	13999606
Purchase Order Date	06/26/2017
Sales Order Number	974000
Sales Order Date	06/26/2017
Unloading Point	

Page 1 of 2

Transport-Details - Shipping

Conditions

Shipping Conditions	0 days
Inco Terms	EXW Houston Ex Works

~~Weights (Gross / Net)~~

Total Weight	1,700.000 LB
Net Weight	1,700.000 LB

Buyer: Andras Kruppa
E-mail: Andras.Kruppa@nabors.com

PR#14438486

Rig: X31

Item	Material/Description	Quantity	Weight
10	OORECERTIFY	1 PC	1,700.000 LB

Recertification of HP Hoses Serial#62205
3" ID 10K Choke and Kill Hose x 35ft OAL

End 1: 4 - 1/16" 10Kpsi API Spec 17D SV Swivel Flange
End 2: 4 - 1/16" 10Kpsi API Spec 17D SV Swivel Flange
c/w BX155 ring groove SS Inlay each end
Standard: API Spec 16C - Monogrammed
Working Pressure: 10,000psi
Test Pressure: 15,000psi

Asset #: 66-0945

Inspection & Certification includes:
External inspection of the hose & couplings
Internal boroscopic inspection of hose liner
Hydrostatic pressure test of hose assembly

Continental

ContiTech Fluid Technology

Conditions	
Shipping Conditions	0 days
Inco Terms	EXW Houston Ex Works

Delivery Note
Document No. 83854547
Document Date 06/28/2017

Repair of any external damage to hose body and end connections (limited to minor repairs)
Clean & protect end connections
Inspection Report

Disposal of hose assembly if hose fails inspection and recertification process

Please Flush Hoses before sending them to our Facility.

Buyer: Andras Kruppa
E-mail: Andras.Kruppa@nabors.com

PR#14438486

Rig: X31

Inner packages

Quantity	Packaging	Material	Charge
1	420"X15"X15" -Loose	00RECERTIFY	1

Package number 123198224

Hydrostatic Test Certificate

ContiTech

rtificate Number 4000	COM Order Reference 974000	Customer Name & Address
Customer Purchase Order No:	13999606	Nabors Lux Finance 2 S.a.r.L. 8-10 Avenue de la Gare L-1610 LUXEMBOURG
Project:		

Test Center Address	Accepted by COM Inspection		Accepted by Client Inspection
ContiTech Oil & Marine Corp. 11535 Brittmoore Park Drive Houston, TX 77041 USA	Signed: Date:	Roger Suarez 6/27/17	

We certify that the goods detailed hereon have been inspected as described below by our Quality Management System, and to the best of our knowledge are found to conform the requirements of the above referenced purchase order as issued to ContiTech Oil & Marine Corporation.

Item	Part No.	Description	Qty.	Serial Number	Work Press.	Test Press.	Test Time (minutes)
20		RECERTIFICATION - 3" ID 10K Choke & Kill Hose x 35 ft OAL	1	62205 Assest # 66-0945	10,000 psi	15,000 psi	60

Certificate of Conformity

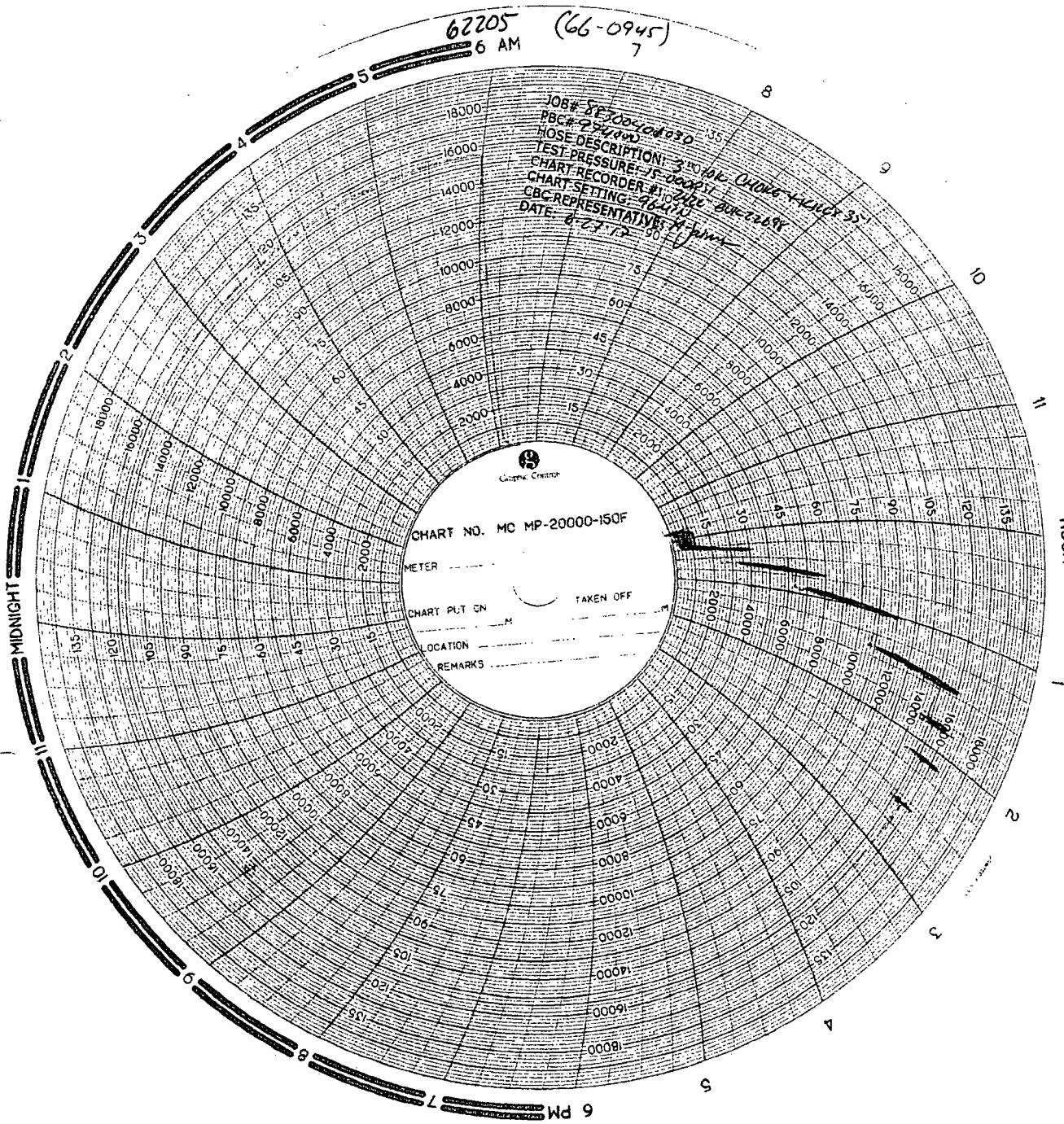
ContiTech

rtificate Number	COM Order Reference	Customer Name & Address
4000	974000	Nabors Lux Finance 2 S.a.r.L. 8-10 Avenue de la Gare L-1610 LUXEMBOURG
Customer Purchase Order No:	13999606	
Project:		

Test Center Address	Accepted by COM Inspection	Accepted by Client Inspection
ContiTech Oil & Marine Corp. 11535 Brittmoore Park Drive Houston, TX 77041 USA	Signed: Roger Suarez Date: 6/27/17	

We certify that the items detailed below meet the requirements of the customer's Purchase Order referenced above, and are in conformance with the specifications given below.

Item	Part No.	Description	Qnty	Serial Number	Specifications
20		RECERTIFICATION - 3" ID 10K Choke & Kill Hose x 35 ft OAL	1	62205 Assest # 66-0945	ContiTech Standard


62205 (66-0945)
6 AM
NOON
MIDNIGHT
6 PM
JOB# 8E3006040030
PBC# 934400
HOSE DESCRIPTION: 3" 10K CHOKE + KILLER 35'
TEST PRESSURE: 15,000 PSI
CHART RECORDER #1: 2422 BUE-02697
CHART SETTING: 964410
CBC REPRESENTATIVE: M Johnson
DATE: 8-27-12
CHART NO. MC MP-20000-150F
METER
CHART PUT ON
TAKEN OFF
LOCATION
REMARKS

Hose Inspection Report

ContiTech Oil & Marine

Customer	Customer Reference #	COM Reference #	COM Inspector	Date of Inspection
Nabors	13999606	974000	A. Jaimes	06/27/2017

Hose Manufacturer	Contitech Rubber Industrial

Hose Serial #	62205 (66-0945)	**Date of Manufacture**	12/2011
Hose I.D.	3"	**Working Pressure**	10000PSI
Hose Type	Choke and Kill	**Test Pressure**	15000PSI
Manufacturing Standard	API 16C		

Connections

End A: 4.1/16" 10Kpsi API Spec 17D Swivel Flange	**End B:** 4.1/16" 10Kpsi API Spec 17D Swivel Flange
• Dents	• No damage
Material: Carbon Steel	**Material:** Carbon Steel
Seal Face: BX155	**Seal Face:** BX155
Length Before Hydro Test: 35'	**Length After Hydro test:** 35'

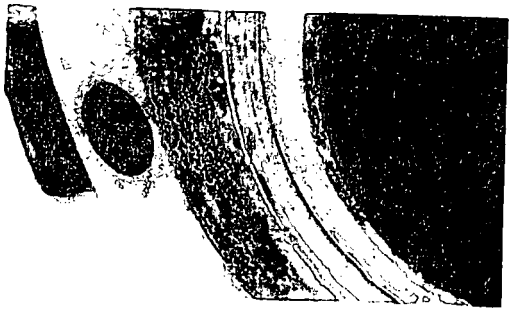
Conclusion: Hose #62205 passed the external inspection with no notable damage to the hose armor. The flange face on end A did have minor dents but did not affect the test outcome. It is advised that additional care be taken in order to avoid further damage to the flange face. Internal borescope of the hose showed no damage to the liner. Hose #62205 passed the hydrostatic pressure test by holding a pressure of 15,000PSI for 60 minutes. **Hose #62205 is suitable for continued service.**

Recommendations: In general the hose should be inspected on a regular on-going basis. The frequency and degree of the inspection should as a minimum follow these guidelines:

Visual inspection: Every 3 to 6 months (or during installation/removal)
Annual: In-situ pressure test (in addition to the 3 to 6 monthly inspections)
Initial 5 years service: Major inspection
2nd Major inspection: Following subsequent 3 year life cycle
(Detailed description of test regime available upon request, QCP 206-1)

**NOTE: There are a number of critical elements in the hose that cannot be thoroughly checked through standard inspection techniques. Away from dissecting the hose body, the best way to evaluate the condition of the hose is through review of the operating conditions recorded during the hose service life, in particular maximums and peak conditions.

External Damage Pre – Hydro test
End A has minor dents at the edge of the seal face but did
not compromise the hydrostatic pressure test. Additional
care should be take in order to avoid further damage



Issued By: Alejandro Jaimes
Date: 6/27/2017

Checked By: Gerson Mejia-Lazo
Date: 6/27/2017

(1) Ship-to party
NDTUSA- ODESSA
2500 W OREGON
ODESSA TX 79764

(2) Unloading point · storage location · usage

(3) Delivery note no.
83854547

(4) Vendor address (short name, plant, ZIP, city)
ContiTech Oil & Marine Corp.
11535 Brittmoore Park Drive
Houston TX 77041-6916

(8) Supplier ref. no.
00RECERTIFY

(9) Quantity
1

(5) Net weight
1,700 LB

(6) Gross weight
1,700 LB

(7) Number of packages
1

(10) Description of delivery, service
Recertification of HP Hoses Se

(12) ContiTech Sales order no.
974000

(13) Packing date
06/28/17

(14) Engineering change status

(15) Package no.
123198224

(16) Customer PO no.
13999606

Material label VDA 4902 Vers. 4

EE-0945 62205

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE

CERT. N°: 682

PURCHASER:	ContiTech Oil & Marine Corp.	P.O. N°:	4500984922
CONTITECH RUBBER order N°:	987778	HOSE TYPE:	3" ID Choke and Kill Hose
HOSE SERIAL N°:	73981	NOMINAL / ACTUAL LENGTH:	13,72 m / 13,80 m
W.P. 69,0 MPa 10000 psi		T.P. 103,5 MPa 15000 psi	Duration: 60 min.

Pressure test with water at ambient temperature

See attachment (1 page)

COUPLINGS Type	Serial N°	Quality	Heat N°
3" coupling with	8077 8083	AISI 4130	A0939Y
4 1/16" 10K API Swivel Flange end		AISI 4130	037184 85913
Hub		AISI 4130	A0939Y

Not Designed For Well Testing

API Spec 16 C 2nd Edition– FSL2

TAG NO.: 66-1486

Temperature rate: "B"

All metal parts are flawless

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER INSPECTED AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

STATEMENT OF CONFORMITY: We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

COUNTRY OF ORIGIN HUNGARY/EU

Date:	Inspector	Quality Control
03. October 2017.		ContiTech Rubber Industrial Kft. Quality Control

ATTACHMENT OF QUALITY CONTROL INSPECTION AND TEST CERTIFICATE
No: 681, 682

CONTITECH RUBBER Industrial Kft.	No: QC-DB- 298 / 2017
	Page: 9 / 119

1/1

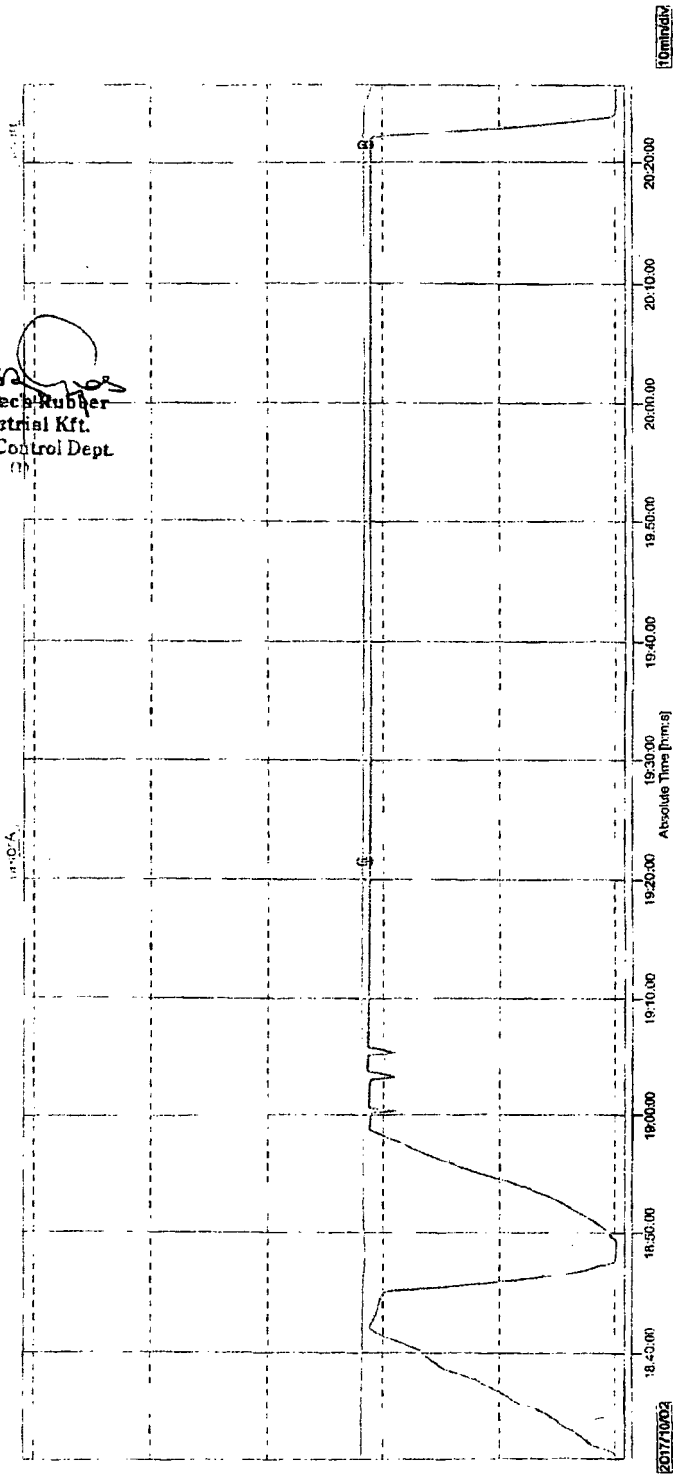
File Name : 020572_73980,73981.GEV....020583_73980,73981.GEV
File Message : 73980,73981
Device Type : GX10
Serial No. : S5P606399
Data Count : 1386

Sampling Int. : 5.000 sec
Start Time : 2017/10/02 18:31:10.000
Stop Time : 2017/10/02 20:26:35.000

Print Group : Press-Temp
Print Range : 2017/10/02 18:31:10.000 - 2017/10/02 20:26:35.000
Comment : 1420566635

Data No.	Cursor A	Cursor B	Difference
	604	1324	720
Absolute Time	2017/10/02 19:21:30.000	2017/10/02 20:21:30.000	01:00:00.000
Tag Comment	Value A	Value B	Value B-A
Pressure[bar]	1064.15	1055.97	-8.18
Ambient Temperature[°C]	21.93	21.73	-0.20

ContiTech Rubber Industrial Kft. Quality Control Dept.



Hose Data Sheet

CRI Order No.	987778
Customer	ContiTech Oil & Marine Corp
Customer Order No	4500984922 CO987640
Item No.	10
Hose Type	Flexible Hose
Standard	**API SPEC 16C 2ND EDITION FSL2**
Inside dia in inches	3
Length	45 ft
Type of coupling one end	FLANGE 4.1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155ST/ST INLAID RING GROOVE SOUR
Type of coupling other end	FLANGE 4.1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155 ST/ST INLAID RING GROOVE SOUR
H2S service NACE MR0175	Yes
Working Pressure	10 000 psi
Design Pressure	10 000 psi
Test Pressure	15 000 psi
Safety Factor	2,25
Marking	CONTINENTAL CONTITECH
Cover	NOT FIRE RESISTANT
Outside protection	St.steel outer wrap
Internal stripwound tube	No
Lining	OIL + GAS RESISTANT SOUR
Safety clamp	Yes
Lifting collar	Yes
Element C	Yes
Safety chain	No
Safety wire rope	Yes
Max.design temperature [°C]	100
Min.design temperature [°C]	-20
Min. Bend Radius operating [m]	0,90
Min. Bend Radius storage [m]	0,90
Electrical continuity	The Hose is electrically continuous
Type of packing	WOODEN CRATE ISPM-15

ContiTech Rubber
Industrial Kft.
QC 2