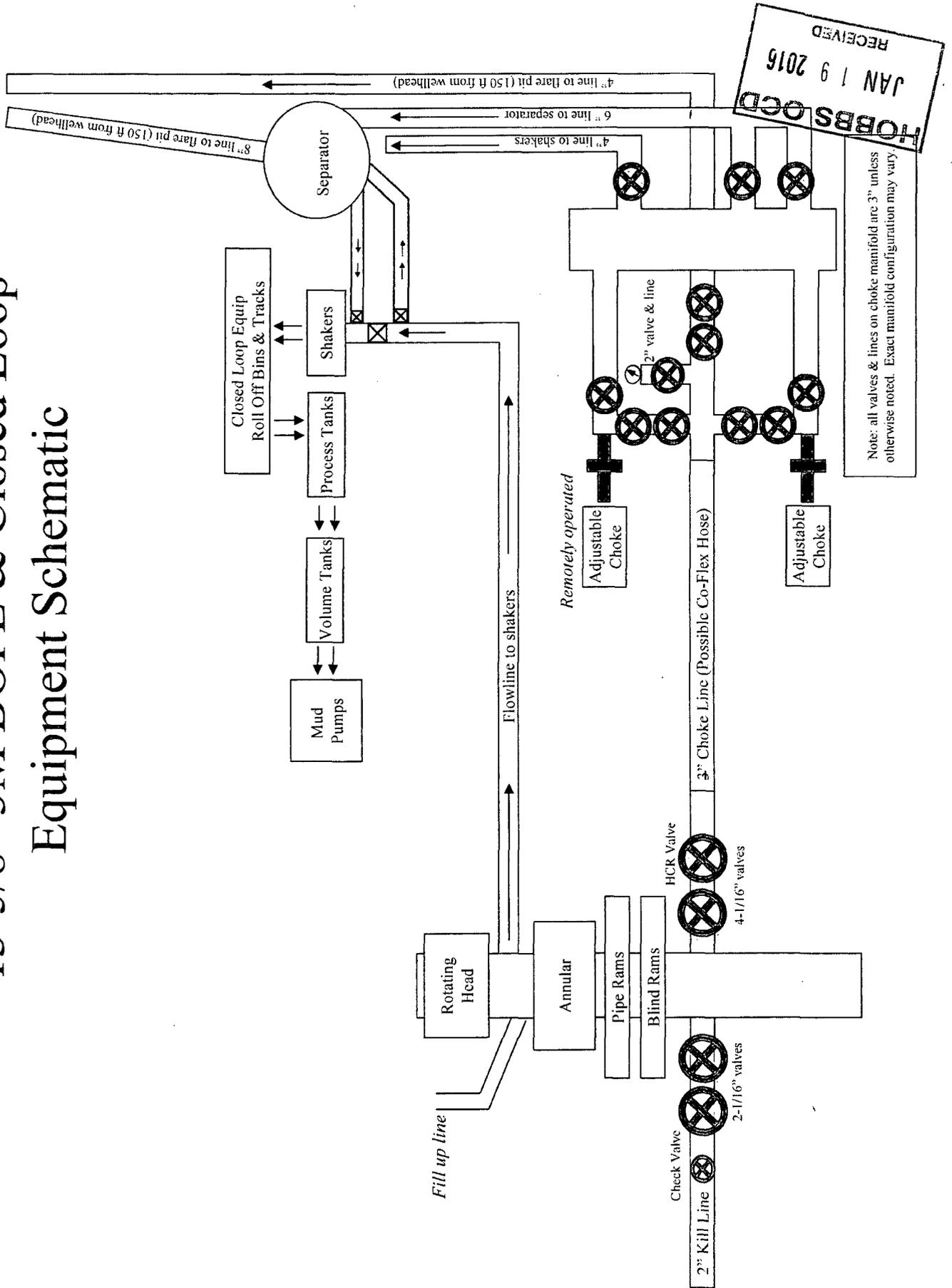


13-5/8" 3M BOPE & Closed Loop Equipment Schematic



RECEIVED
JAN 19 2016
HOBBS OCD

JAN 20 2016



Fluid Technology

ContiTech Beattie Corp.
Website: www.contitechbeattie.com

Monday, June 14, 2010

RE: Drilling & Production Hoses
Lifting & Safety Equipment

To Helmerich & Payne,

A Continental ContiTech hose assembly can perform as intended and suitable for the application regardless of whether the hose is secured or unsecured in its configuration. As a manufacturer of High Pressure Hose Assemblies for use in Drilling & Production, we do offer the corresponding lifting and safety equipment, this has the added benefit of easing the lifting and handling of each hose assembly whilst affording hose longevity by ensuring correct handling methods and procedures as well as securing the hose in the unlikely event of a failure; but in no way does the lifting and safety equipment affect the performance of the hoses providing the hoses have been handled and installed correctly. It is good practice to use lifting & safety equipment but not mandatory.

Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

ContiTech Beattie is part of the Continental AG Corporation and can offer the full support resources associated with a global organization.

Best regards,

Robin Hodgson
Sales Manager
ContiTech Beattie Corp

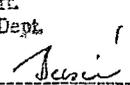
ContiTech Beattie Corp,
11535 Brittmoore Park Drive,
Houston, TX 77041
Phone: +1 (832) 327-0141
Fax: +1 (832) 327-0148
www.contitechbeattie.com

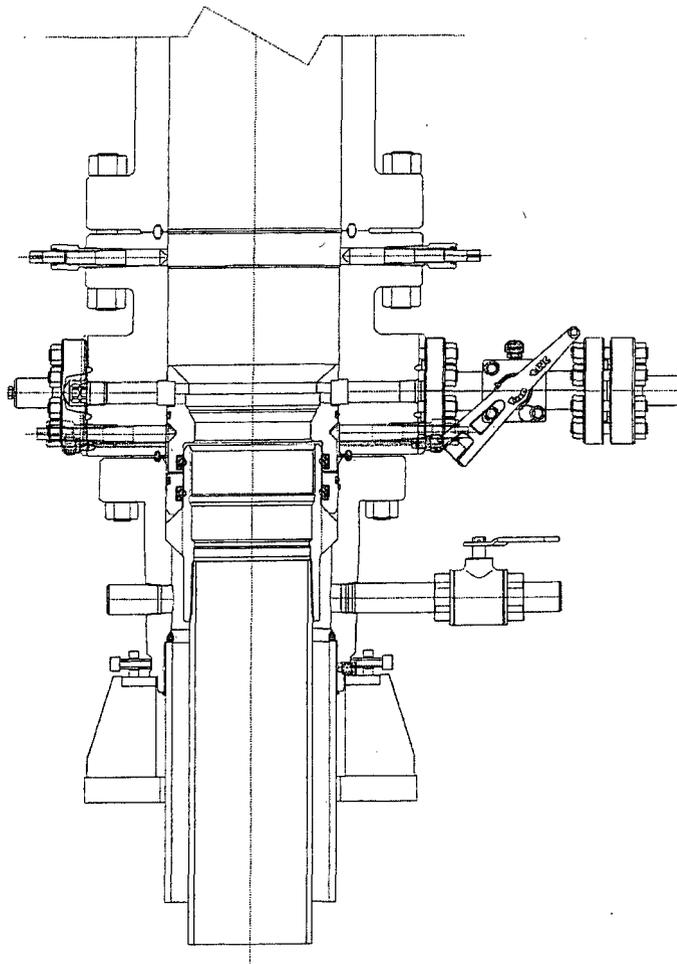


HARTMANN &

2	0	24	23	22	21
100	100	100	100	100	100
90	90	90	90	90	90
80	80	80	80	80	80
70	70	70	70	70	70
60	60	60	60	60	60
50	50	50	50	50	50
40	40	40	40	40	40
30	30	30	30	30	30
20	20	20	20	20	20
10	10	10	10	10	10
0	0	0	0	0	0

D.C. 1711,1713
 Tech Rubber
 Industrial Kft.
 Quality Control Dept.
 (2)

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°: 1713											
PURCHASER: ContiTech Beattie Co.			P.O. N°: 002808												
CONTITECH ORDER N°: 426127		HOSE TYPE: 3" ID Choke and Kill Hose													
HOSE SERIAL N°: 53622		NOMINAL / ACTUAL LENGTH: 10,67 m													
W.P. 68,96 MPa 10000 psi		T.P. 103,4 MPa 15000 psi		Duration: 60 min.											
<p>Pressure test with water at ambient temperature</p> <p style="text-align: center;">See attachment. (1 page)</p> <p>↑ 10 mm = 10 Min. → 10 mm = 25 MPa</p> <table border="1"> <thead> <tr> <th>COUPLINGS Type</th> <th>Serial N°</th> <th>Quality</th> <th>Heat N°</th> </tr> </thead> <tbody> <tr> <td rowspan="2">3" coupling with 4 1/16" Flange end</td> <td rowspan="2">5503 2029</td> <td>AISI 4130</td> <td>N1590P</td> </tr> <tr> <td>AISI 4130</td> <td>27566</td> </tr> </tbody> </table>						COUPLINGS Type	Serial N°	Quality	Heat N°	3" coupling with 4 1/16" Flange end	5503 2029	AISI 4130	N1590P	AISI 4130	27566
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3" coupling with 4 1/16" Flange end	5503 2029	AISI 4130	N1590P												
		AISI 4130	27566												
INFOCHIP INSTALLED			API Spec 16 C Temperature rate:"B"												
All metal parts are flawless			Hose conform to NACE MR 01-75												
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: 25. August. 2008	Inspector		Quality Control ContiTech Rubber Industrial Kft. Quality Control Dept.  												



PRIMARY MODE

DEVON ENERGY

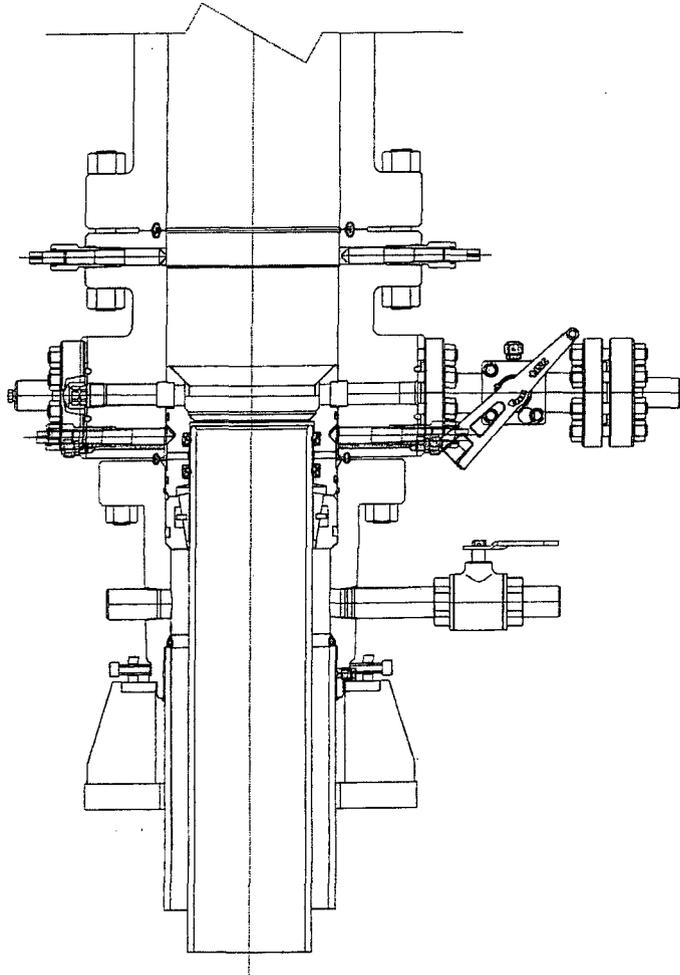
ARTESIA

S.E.N.M

13 3/8 X 9 5/8

QUOTE LAYOUT
F18648
REF: DM100161737
DM100151315

<p>PRIVATE AND CONFIDENTIAL</p> <p>THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED BY RECIPIENT PURSUANT TO AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED UPON DEMAND.</p> <p>MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES DESIGN AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON WITHOUT THE PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES</p>	<p>REVISIONS</p> <p>A 05-08-13</p> <p>B 1-22-14</p> <p>C 5-13-14</p>	<p>DESCRIPTION</p> <p>SURFACE WELLHEAD LAYOUT UNIHEAD, UH-1, SOW, DEVON ENERGY, ODESSA</p>	<p>DRAWN BY</p> <p>K. VU 05-08-13</p>	<p>FMC Technologies</p>
			<p>DRAFTING REVIEW</p> <p>Z. MARQUEZ 05-08-13</p>	
			<p>DESIGN REVIEW</p> <p>K. TAHA 05-08-13</p>	
			<p>APPROVED BY</p> <p>R. HAMILTON 05-08-13</p>	
			<p>DRAWING NUMBER</p> <p>DM100161771-2A</p>	



CONTINGENCY MODE

DEVON ENERGY
ARTESIA
S.E.N.M
13 3/8 X 9 5/8

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