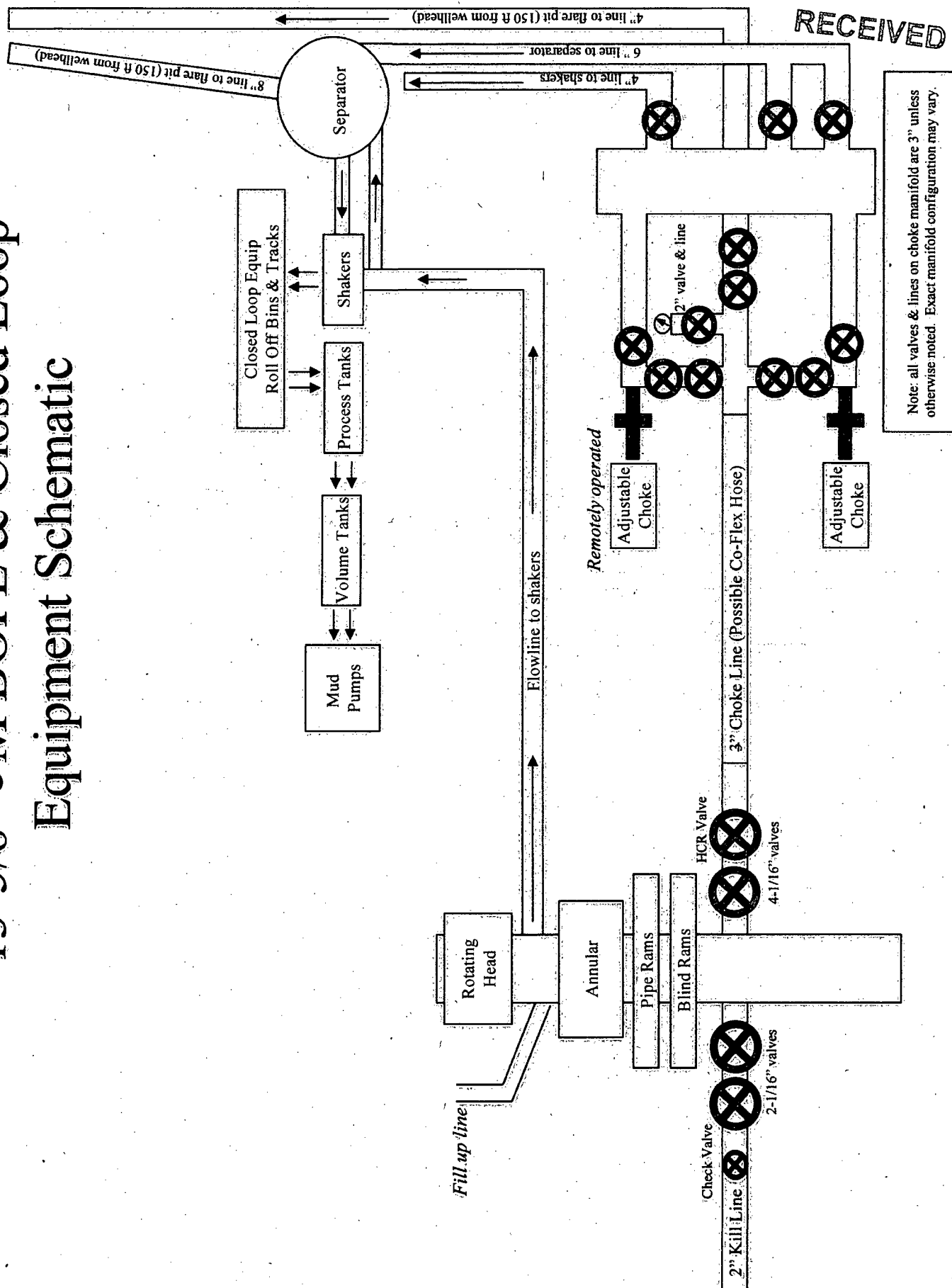


# 13-5/8" 5M BOPE & Closed Loop Equipment Schematic

HOBBS OCD

APR 29 2016

RECEIVED



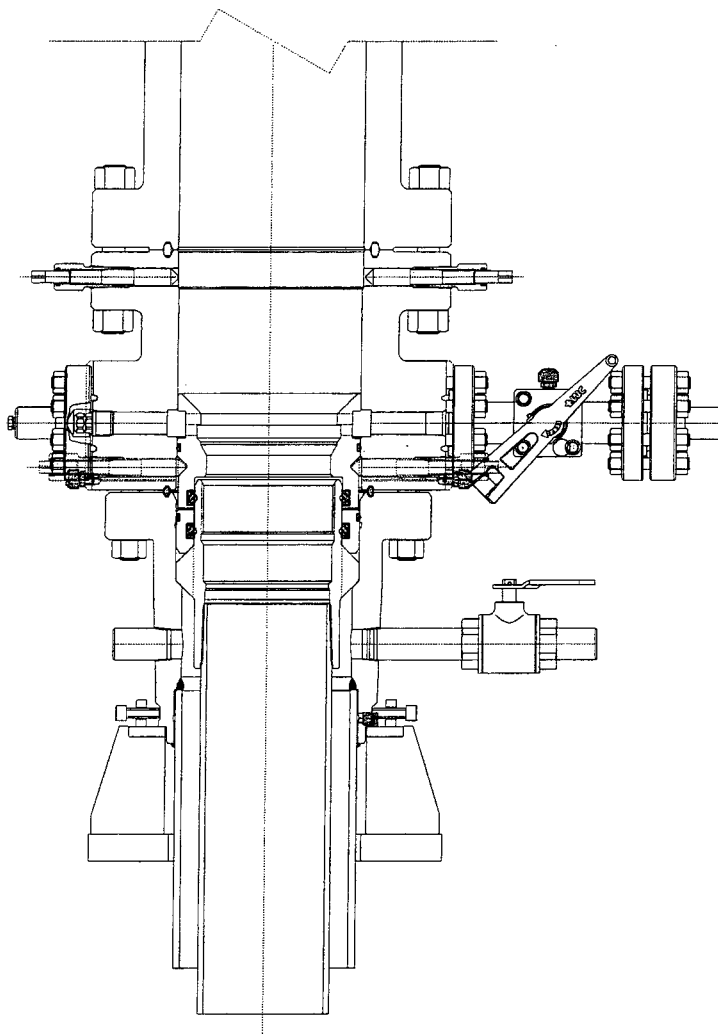
MAY 03 2016

## NOTES REGARDING BLOWOUT PREVENTERS

Devon Energy Production Company, L.P.

**BELL LAKE 24 FED 7H**

1. Drilling Nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated filings will be in operable condition to withstand a minimum of 3000psi working pressure.
4. All fittings will be flanged.
5. A fill bore safety valve tested to a minimum of <sup>5000</sup>~~3000~~psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a kelly cock attached to the kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.



PRIMARY MODE

DEVON ENERGY

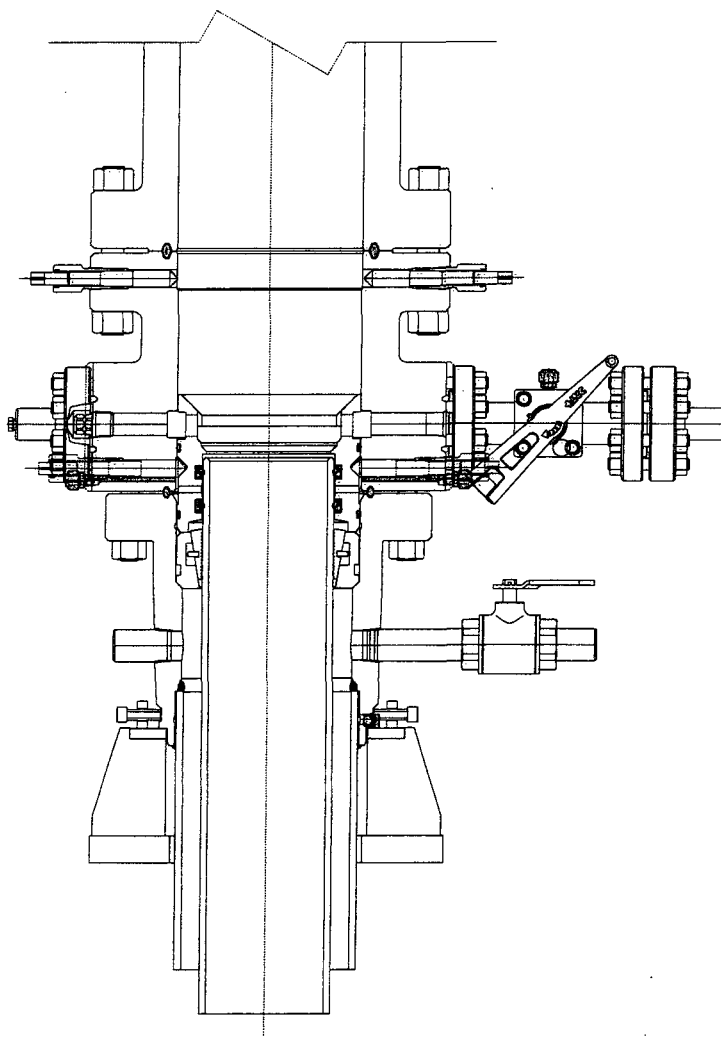
ARTESIA

S.E.N.M

13 3/8 X 9 5/8

QUOTE LAYOUT  
F18648  
REF: DM100161737  
DM100151315

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	A	05-08-13		K. VU	05-08-13	
	B	1-22-14		Z. MARQUEZ	05-08-13	
	C	5-13-14		K. TAHA	05-08-13	
			SURFACE WELLHEAD LAYOUT UNIHEAD, UH-1, SOW, DEVON ENERGY, ODESSA	APPROVED BY		DM100161771-2A
				R. HAMILTON	05-08-13	



CONTINGENCY MODE

DEVON ENERGY

ARTESIA

S.E.N.M

13 3/8 X 9 5/8

QUOTE LAYOUT  
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REVISIONS

DESCRIPTION

A	05-08-13
B	1-22-14
C	5-13-14

SURFACE WELLHEAD LAYOUT  
UNIHEAD, UH-1, SOW,  
DEVON ENERGY, ODESSA

DRAWN BY	
K. VU	05-08-13
DRAFTING REVIEW	
Z. MARQUEZ	05-08-13
DESIGN REVIEW	
K. TAHA	05-08-13
APPROVED BY	
R. HAMILTON	05-08-13

**FMC** Technologies

DRAWING NUMBER

DM100161771-2B



Fluid Technology

ContiTech Beattie Corp.  
Website: [www.contitechbeattie.com](http://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.

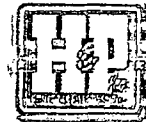
Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

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](http://www.contitechbeattie.com)





# QUALITY DOCUMENT

6728 Szeged, Budapesti út 10, Hungary • H-6701 Szeged, P. O. Box 152  
phone: (3682) 566-737 • Fax: (3682) 566-738

**SALES & MARKETING:** H-1092 Budapest, Róday u. 42-44, Hungary • H-1440 Budapest, P. O. Box 26  
Phone: (361) 458-4200 • Fax: (361) 217-2872, 458-4273 • [www.taurusemerge.hu](http://www.taurusemerge.hu)

## PHOENIX RUBBER

**INDUSTRIAL LTD.**

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°: 552	
PURCHASER: Phoenix Beattie Co.				P.O. N°: 1519FA-871	
PHOENIX RUBBER order N°: 170466		HOSE TYPE: 3" ID Choke and Kill Hose			
HOSE SERIAL N°: 34128		NOMINAL / ACTUAL LENGTH: 11,43 m			
W.P. 68,96 MPa 10000 psi		T.P. 103,4 MPa 15000 psi		Duration: 60 min.	
Pressure test with water at ambient temperature					
See attachment. (1 page)					
↑ 10 mm = 10 Min. → 10 mm = 25 MPa					
COUPLINGS					
Type	Serial N°	Quality	Heat N°		
3" coupling with 4 1/16" Flange end	720 719	AISI 4130	C7626		
		AISI 4130	47357		
API Spec 16 C 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 AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.					
Date:  29. April. 2002.	Inspector	Quality Control <b>PHOENIX RUBBER</b> Industrial Ltd. Hose Inspection and VERIFIED TRUE COPY			

14094-66

40920-0-00015 N800C

6	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00
7	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00
8	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00
9	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00
10	G4	10.000	0.00	14.00
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	B	10.000	0.00	14.00
11	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00
12	G4	10.000	0.00	14.00
	R4	10.000	0.00	14.00
	B	10.000	0.00	14.00

*[Signature]*  
**PHOENIX RUBBER**  
 Industrial Ltd.  
 Hose Inspection and  
 Certification Dept.

VERIFIED TRUE CO.  
 PHOENIX RUBBER CO.