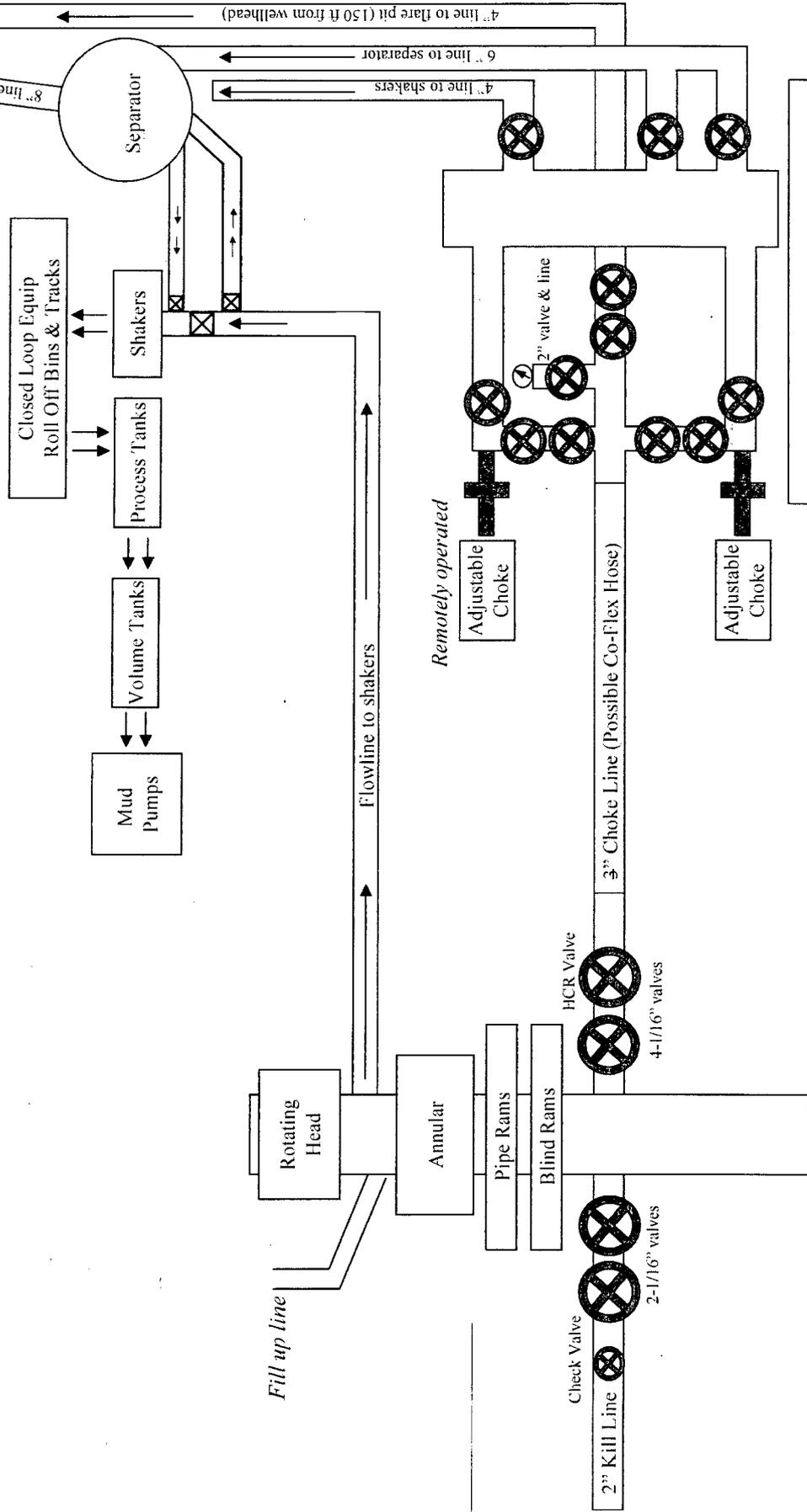


# 13-5/8" 3M BOPE & Closed Loop Equipment Schematic

RECEIVED  
APR 21 2016  
HOPE ( )



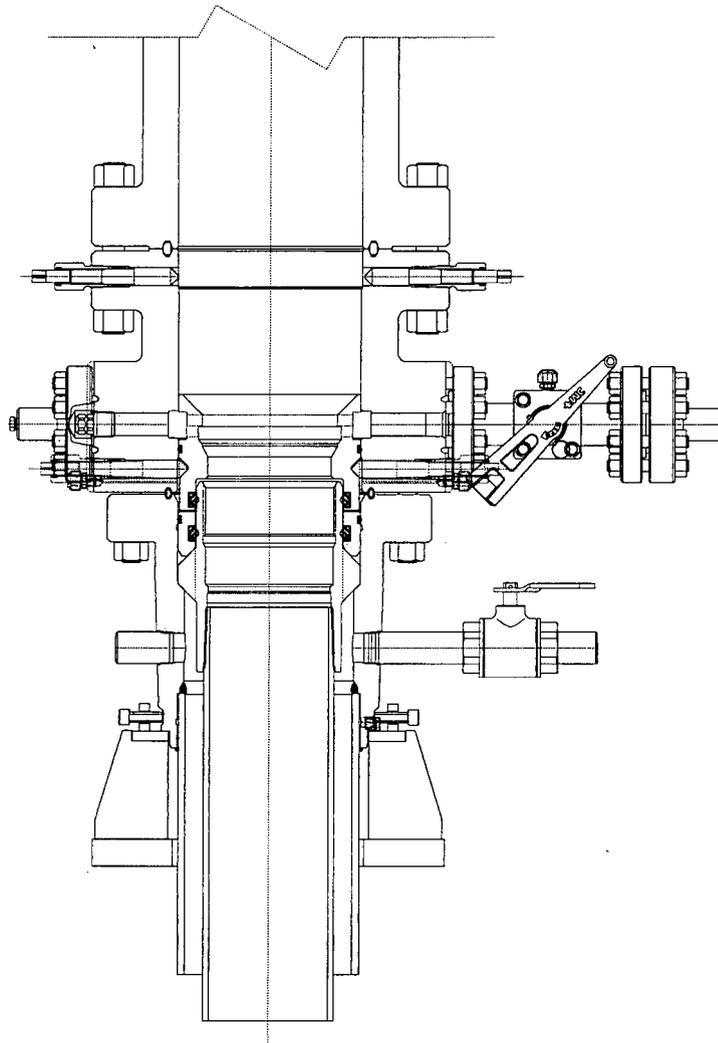
Note: all valves & lines on choke manifold are 3" unless otherwise noted. Exact manifold configuration may vary.

APR 22 2016

## **NOTES REGARDING BLOWOUT PREVENTERS**

Devon Energy Production Company, L.P.  
**Cotton Draw Unit 281H**

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 3000psi 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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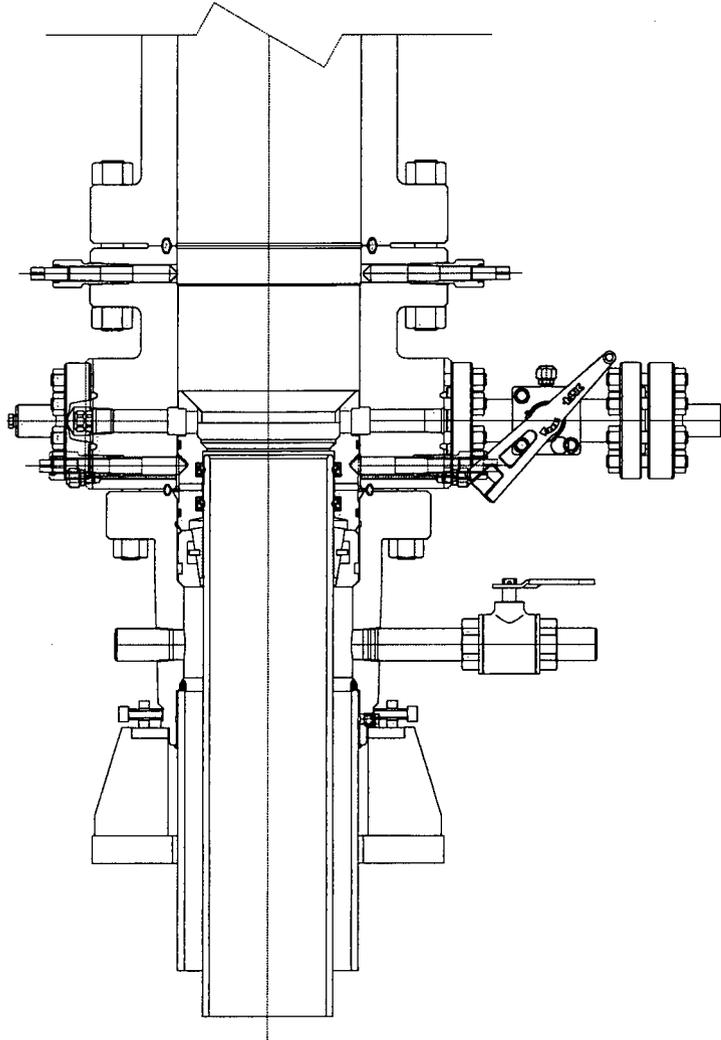
REVISIONS	DESCRIPTION
A 05-08-13	
B 1-22-14	
C 5-13-14	

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

DRAWN BY	
K. VUJ	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  
DM100161771-2A



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



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.

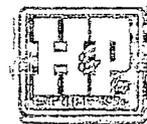
Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

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)



RIG 212



**QUALITY DOCUMENT**

**PHOENIX RUBBER INDUSTRIAL LTD.**

6728 Szeged, Budapesti út 10, Hungary • H-6701 Szeged, P. O. Box 152  
 Phone: (3662) 556-737 • Fax: (3662) 558-738

SALES & MARKETING: H-1092 Budapest, Ráday u. 42-44, Hungary • H-1440 Budapest, P. O. Box 26  
 Phone: (361) 456-4200 • Fax: (361) 217-2972, 456-4273 • www.taurusermerge.hu

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  <p style="text-align: center;">See attachment. (1 page)</p>				
↑ 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:	Inspector	Quality Control		
29. April, 2002.		PHOENIX RUBBER Industrial Ltd. <i>Handwritten Signature</i> Hose Inspection and VESSELS TUBING CONTROL PHOENIX RUBBER S.C.		

14094-65

40920-0-00015 N800C

8	GNL +0.000	0	14.00
	RDL +0.000	0	14.00
	BL 11044	00	14.00
7	GNL +0.000	0	13.15
	RDL +0.000	0	13.15
	BL 11047	00	13.15
6	GNL +0.000	0	13.15
	RDL +0.000	0	13.15
	BL 11050	00	13.15
5	GNL +0.000	0	13.00
	RDL +0.000	0	13.00
	BL 11056	00	13.00
4			
3			
2			

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

VERIFIED TRUE CO.  
 PHOENIX RUBBER CO.

