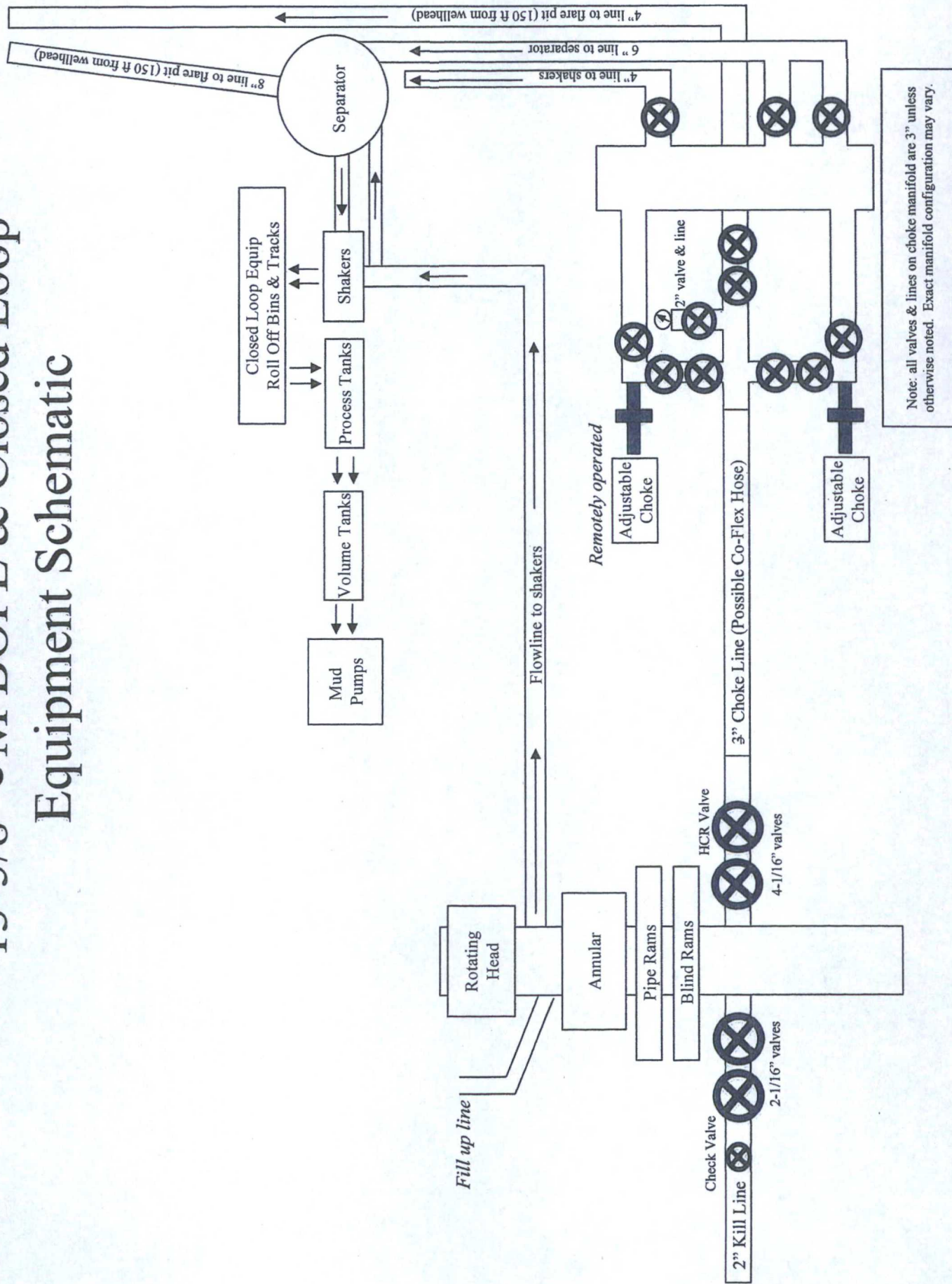


HOBBS OCD**MAY 16 2016****RECEIVED****NOTES REGARDING BLOWOUT PREVENTERS**

Devon Energy Production Company, L.P.
Blue Krait 23 Fed 2H

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 5000psi working pressure.
4. All fittings will be flanged.
5. A fill bore safety valve tested to a minimum of 5000psi 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.

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

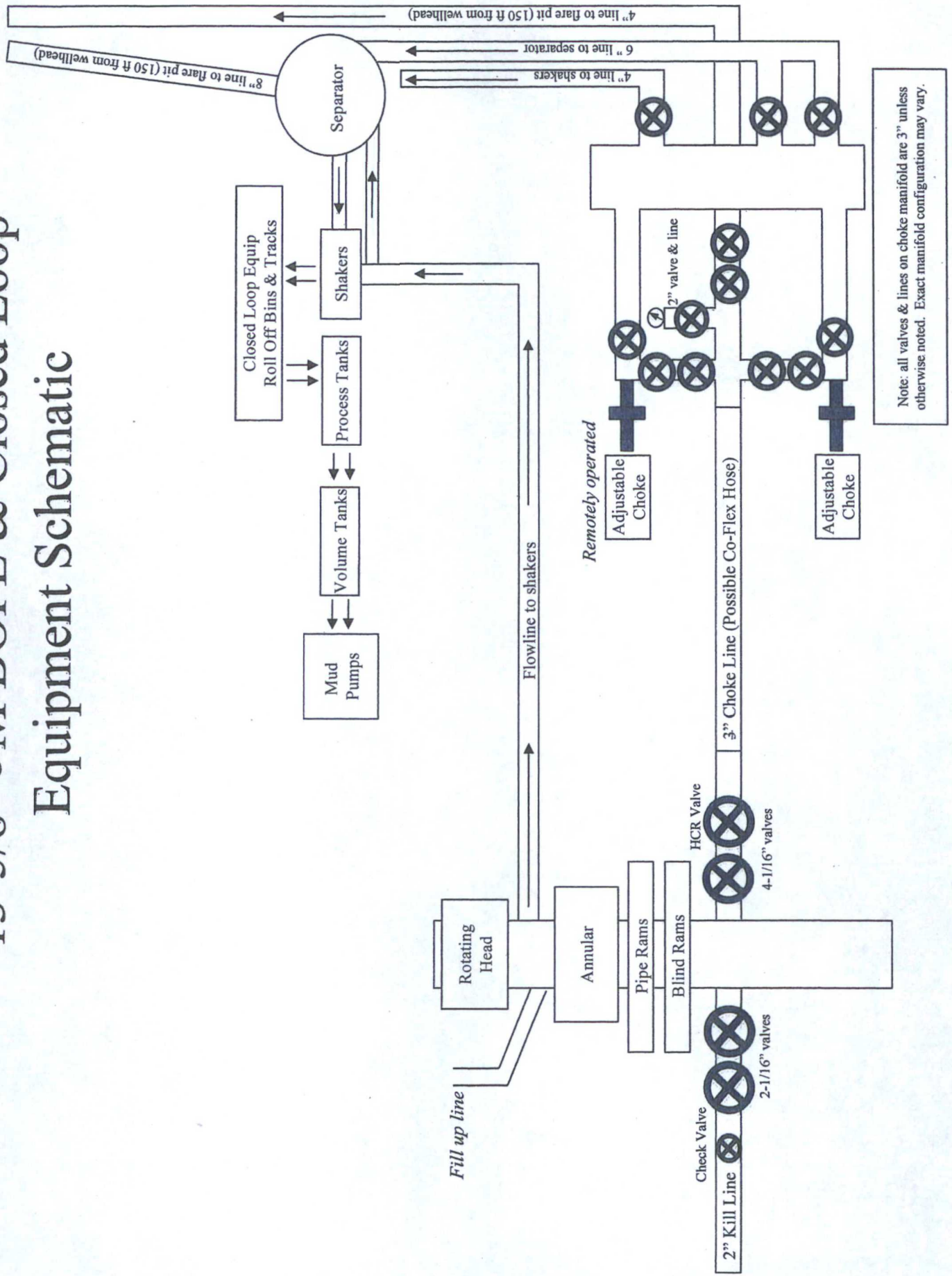


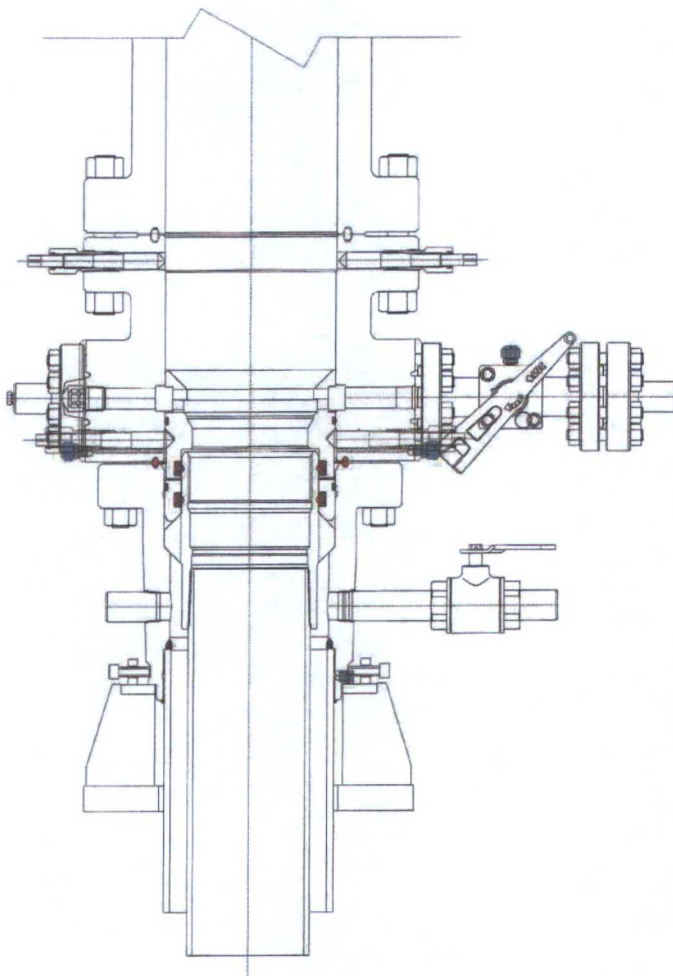
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Blue Krait 23 Fed 2H

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





PRIMARY MODE

DEVON ENERGY

ARTESIA

S.E.N.M

13 3/8 X 9 5/8

QUOTE LAYOUT
F18648
REF: DM100161737
DM100151315

PRIVATE AND CONFIDENTIAL

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.

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

REVISIONS

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

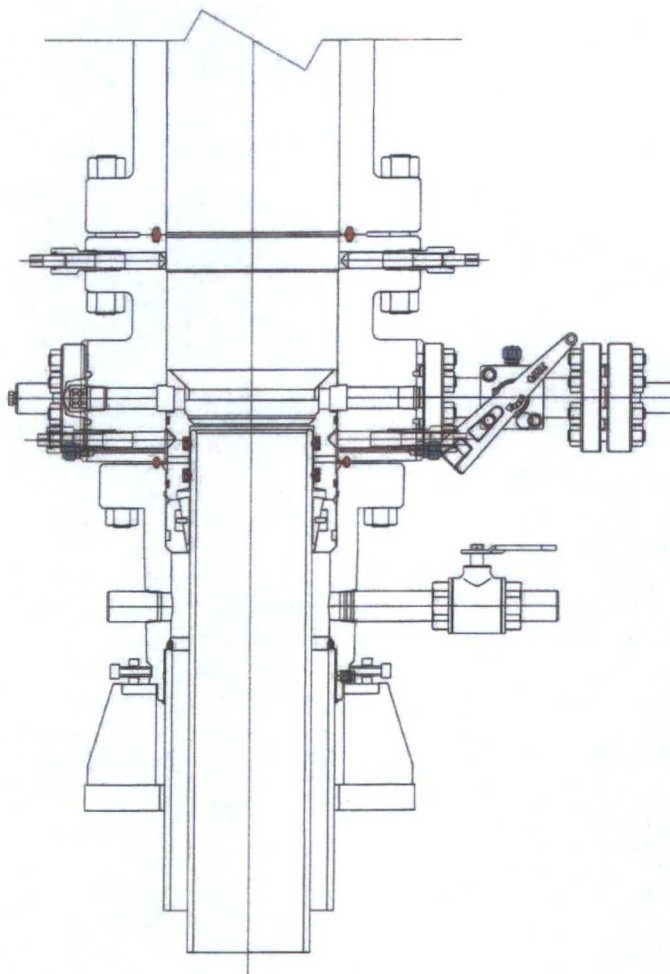
DESCRIPTION

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
DM100161771-2A



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



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 Brittonmoore Park Drive,
Houston, TX 77041
Phone: +1 (832) 327-0141
Fax: +1 (832) 327-0148
www.contitechbeattie.com





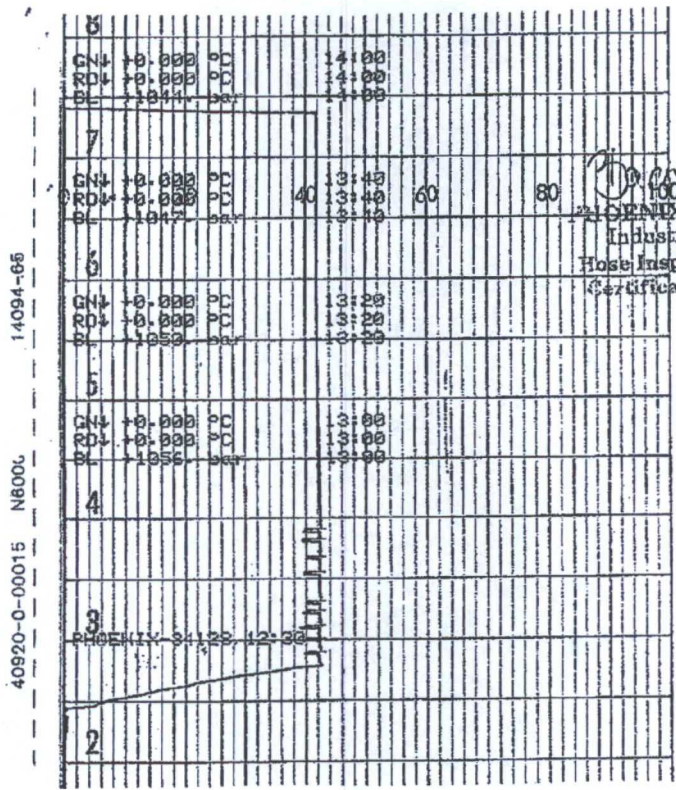
QUALITY DOCUMENT

**PHOENIX RUBBER
INDUSTRIAL LTD. ■**

* 6728 Szeged, Budapesti út 10. Hungary • H-6701 Szeged, P. O. Box 152
phone: (3662) 566-737 • Fax: (3662) 566-738

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.taurusemerge.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 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 PHOENIX RUBBER Industrial Ltd. Hose Inspection and Pressure Testing		




 PHOENIX RUBBER
 Industrial Ltd.
 Hose Inspection and
 Certification Dept.

VERIFIED TRUE CO.
 PHOENIX RUBBER CO.

Replacement

HOBBS OCD

MAY 16 2016

RECEIVED

WESTERN DIVISION

PBNM

Dzurisin

Blue Krait 23 Fed 2H

Wellbore #1

Plan: Plan 1

Standard Planning Report

14 April, 2016

Devon Energy

Planning Report

Database: EDM r5000 US Production
 Company: WESTERN DIVISION
 Project: PBNM
 Site: Dzurisin
 Well: Blue Krait 23 Fed 2H
 Wellbore: Wellbore #1
 Design: Plan 1

Local Co-ordinate Reference: Well Blue Krait 23 Fed 2H
 TVD Reference: 1 @ 3581.10ft
 MD Reference: 1 @ 3581.10ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project	PBNM		
Map System:	Flat Earth	System Datum:	Mean Sea Level
Geo Datum:	WGS 1984		
Map Zone:	No Conversions		

Site	Dzurisin				
Site Position:		Northing:	429,922.27 usft	Latitude:	32.180535
From:	Map	Easting:	725,391.41 usft	Longitude:	-103.738424
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.00 °

Well	Blue Krait 23 Fed 2H					
Well Position	+N/-S	6,155.42 ft	Northing:	436,077.68 usft	Latitude:	32.196399
	+E/-W	59,725.90 ft	Easting:	785,117.19 usft	Longitude:	-103.545244
Position Uncertainty		0.00 ft	Wellhead Elevation:	3,579.01 ft	Ground Level:	3,556.10 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	4/14/2016	0.00	0.00	0

Design	Plan 1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	356.61	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10,702.53	0.00	0.00	10,702.53	0.00	0.00	0.00	0.00	0.00	0.00	
11,452.53	90.00	356.61	11,180.00	476.63	-28.21	12.00	12.00	0.00	356.61	Bottom HoleLocation
11,453.11	90.00	356.61	11,180.00	477.21	-28.24	0.01	-0.01	0.00	0.00	
15,699.78	90.00	356.61	11,180.00	4,716.46	-279.14	0.00	0.00	0.00	0.00	
15,729.42	90.00	356.61	11,180.00	4,746.05	-280.89	0.01	0.00	-0.01	-88.90	Bottom HoleLocation

Devon Energy
Planning Report

Database: EDM r5000 US Production
Company: WESTERN DIVISION
Project: PBNM
Site: Dzurisin
Well: Blue Krait 23 Fed 2H
Wellbore: Wellbore #1
Design: Plan 1

Local Co-ordinate Reference: Well Blue Krait 23 Fed 2H
TVD Reference: 1 @ 3581.10ft
MD Reference: 1 @ 3581.10ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

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5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
10,600.00	0.00	0.00	10,600.00	0.00	0.00	0.00	0.00	0.00	0.00
10,702.53	0.00	0.00	10,702.53	0.00	0.00	0.00	0.00	0.00	0.00

Devon Energy

Planning Report

Database: EDM r5000 US Production
 Company: WESTERN DIVISION
 Project: PBNM
 Site: Dzurisin
 Well: Blue Krait 23 Fed 2H
 Wellbore: Wellbore #1
 Design: Plan 1

Local Co-ordinate Reference: Well Blue Krait 23 Fed 2H
 TVD Reference: 1 @ 3581.10ft
 MD Reference: 1 @ 3581.10ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,725.00	2.70	356.61	10,724.99	0.53	-0.03	0.53	12.00	12.00	0.00
10,750.00	5.70	356.61	10,749.92	2.35	-0.14	2.36	12.00	12.00	0.00
10,775.00	8.70	356.61	10,774.72	5.48	-0.32	5.49	12.00	12.00	0.00
10,800.00	11.70	356.61	10,799.32	9.90	-0.59	9.91	12.00	12.00	0.00
10,825.00	14.70	356.61	10,823.66	15.59	-0.92	15.62	12.00	12.00	0.00
10,850.00	17.70	356.61	10,847.67	22.55	-1.33	22.59	12.00	12.00	0.00
10,875.00	20.70	356.61	10,871.27	30.76	-1.82	30.81	12.00	12.00	0.00
10,900.00	23.70	356.61	10,894.42	40.19	-2.38	40.26	12.00	12.00	0.00
10,925.00	26.70	356.61	10,917.04	50.81	-3.01	50.90	12.00	12.00	0.00
10,950.00	29.70	356.61	10,939.07	62.60	-3.70	62.71	12.00	12.00	0.00
10,975.00	32.70	356.61	10,960.45	75.52	-4.47	75.66	12.00	12.00	0.00
11,000.00	35.70	356.61	10,981.13	89.55	-5.30	89.71	12.00	12.00	0.00
11,025.00	38.70	356.61	11,001.04	104.63	-6.19	104.82	12.00	12.00	0.00
11,050.00	41.70	356.61	11,020.13	120.74	-7.15	120.95	12.00	12.00	0.00
11,075.00	44.70	356.61	11,038.36	137.82	-8.16	138.06	12.00	12.00	0.00
11,100.00	47.70	356.61	11,055.66	155.83	-9.22	156.10	12.00	12.00	0.00
11,125.00	50.70	356.61	11,071.99	174.72	-10.34	175.02	12.00	12.00	0.00
11,150.00	53.70	356.61	11,087.32	194.43	-11.51	194.77	12.00	12.00	0.00
11,175.00	56.70	356.61	11,101.58	214.92	-12.72	215.30	12.00	12.00	0.00
11,200.00	59.70	356.61	11,114.76	236.13	-13.98	236.54	12.00	12.00	0.00
11,225.00	62.70	356.61	11,126.80	258.00	-15.27	258.45	12.00	12.00	0.00
11,250.00	65.70	356.61	11,137.68	280.46	-16.60	280.95	12.00	12.00	0.00
11,275.00	68.70	356.61	11,147.37	303.47	-17.96	304.00	12.00	12.00	0.00
11,300.00	71.70	356.61	11,155.84	326.94	-19.35	327.52	12.00	12.00	0.00
11,325.00	74.70	356.61	11,163.07	350.83	-20.76	351.45	12.00	12.00	0.00
11,350.00	77.70	356.61	11,169.03	375.06	-22.20	375.72	12.00	12.00	0.00
11,375.00	80.70	356.61	11,173.72	399.58	-23.65	400.27	12.00	12.00	0.00
11,400.00	83.70	356.61	11,177.11	424.30	-25.11	425.04	12.00	12.00	0.00
11,425.00	86.70	356.61	11,179.20	449.16	-26.58	449.95	12.00	12.00	0.00
11,450.00	89.70	356.61	11,179.99	474.10	-28.06	474.93	12.00	12.00	0.00
11,452.53	90.00	356.61	11,180.00	476.63	-28.21	477.47	12.00	12.00	0.00
11,453.11	90.00	356.61	11,180.00	477.21	-28.24	478.04	0.01	-0.01	0.00
11,500.00	90.00	356.61	11,180.00	524.02	-31.01	524.93	0.00	0.00	0.00
11,600.00	90.00	356.61	11,180.00	623.84	-36.92	624.93	0.00	0.00	0.00
11,700.00	90.00	356.61	11,180.00	723.67	-42.83	724.93	0.00	0.00	0.00
11,800.00	90.00	356.61	11,180.00	823.49	-48.74	824.93	0.00	0.00	0.00
11,900.00	90.00	356.61	11,180.00	923.32	-54.65	924.93	0.00	0.00	0.00
12,000.00	90.00	356.61	11,180.00	1,023.14	-60.55	1,024.93	0.00	0.00	0.00
12,100.00	90.00	356.61	11,180.00	1,122.97	-66.46	1,124.93	0.00	0.00	0.00
12,200.00	90.00	356.61	11,180.00	1,222.79	-72.37	1,224.93	0.00	0.00	0.00
12,300.00	90.00	356.61	11,180.00	1,322.62	-78.28	1,324.93	0.00	0.00	0.00
12,400.00	90.00	356.61	11,180.00	1,422.45	-84.19	1,424.93	0.00	0.00	0.00
12,500.00	90.00	356.61	11,180.00	1,522.27	-90.09	1,524.93	0.00	0.00	0.00
12,600.00	90.00	356.61	11,180.00	1,622.10	-96.00	1,624.93	0.00	0.00	0.00
12,700.00	90.00	356.61	11,180.00	1,721.92	-101.91	1,724.93	0.00	0.00	0.00
12,800.00	90.00	356.61	11,180.00	1,821.75	-107.82	1,824.93	0.00	0.00	0.00
12,900.00	90.00	356.61	11,180.00	1,921.57	-113.73	1,924.93	0.00	0.00	0.00
13,000.00	90.00	356.61	11,180.00	2,021.40	-119.63	2,024.93	0.00	0.00	0.00
13,100.00	90.00	356.61	11,180.00	2,121.22	-125.54	2,124.93	0.00	0.00	0.00
13,200.00	90.00	356.61	11,180.00	2,221.05	-131.45	2,224.93	0.00	0.00	0.00
13,300.00	90.00	356.61	11,180.00	2,320.87	-137.36	2,324.93	0.00	0.00	0.00
13,400.00	90.00	356.61	11,180.00	2,420.70	-143.27	2,424.93	0.00	0.00	0.00
13,500.00	90.00	356.61	11,180.00	2,520.52	-149.17	2,524.93	0.00	0.00	0.00
13,600.00	90.00	356.61	11,180.00	2,620.35	-155.08	2,624.93	0.00	0.00	0.00

Devon Energy

Planning Report

Database: EDM r5000 US Production
 Company: WESTERN DIVISION
 Project: PBNM
 Site: Dzurisin
 Well: Blue Krait 23 Fed 2H
 Wellbore: Wellbore #1
 Design: Plan 1

Local Co-ordinate Reference: Well Blue Krait 23 Fed 2H
 TVD Reference: 1 @ 3581.10ft
 MD Reference: 1 @ 3581.10ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,700.00	90.00	356.61	11,180.00	2,720.17	-160.99	2,724.93	0.00	0.00	0.00
13,800.00	90.00	356.61	11,180.00	2,820.00	-166.90	2,824.93	0.00	0.00	0.00
13,900.00	90.00	356.61	11,180.00	2,919.83	-172.81	2,924.93	0.00	0.00	0.00
14,000.00	90.00	356.61	11,180.00	3,019.65	-178.71	3,024.93	0.00	0.00	0.00
14,100.00	90.00	356.61	11,180.00	3,119.48	-184.62	3,124.93	0.00	0.00	0.00
14,200.00	90.00	356.61	11,180.00	3,219.30	-190.53	3,224.93	0.00	0.00	0.00
14,300.00	90.00	356.61	11,180.00	3,319.13	-196.44	3,324.93	0.00	0.00	0.00
14,400.00	90.00	356.61	11,180.00	3,418.95	-202.35	3,424.93	0.00	0.00	0.00
14,500.00	90.00	356.61	11,180.00	3,518.78	-208.26	3,524.93	0.00	0.00	0.00
14,600.00	90.00	356.61	11,180.00	3,618.60	-214.16	3,624.93	0.00	0.00	0.00
14,700.00	90.00	356.61	11,180.00	3,718.43	-220.07	3,724.93	0.00	0.00	0.00
14,800.00	90.00	356.61	11,180.00	3,818.25	-225.98	3,824.93	0.00	0.00	0.00
14,900.00	90.00	356.61	11,180.00	3,918.08	-231.89	3,924.93	0.00	0.00	0.00
15,000.00	90.00	356.61	11,180.00	4,017.90	-237.80	4,024.93	0.00	0.00	0.00
15,100.00	90.00	356.61	11,180.00	4,117.73	-243.70	4,124.93	0.00	0.00	0.00
15,200.00	90.00	356.61	11,180.00	4,217.55	-249.61	4,224.93	0.00	0.00	0.00
15,300.00	90.00	356.61	11,180.00	4,317.38	-255.52	4,324.93	0.00	0.00	0.00
15,400.00	90.00	356.61	11,180.00	4,417.20	-261.43	4,424.93	0.00	0.00	0.00
15,500.00	90.00	356.61	11,180.00	4,517.03	-267.34	4,524.93	0.00	0.00	0.00
15,600.00	90.00	356.61	11,180.00	4,616.86	-273.24	4,624.93	0.00	0.00	0.00
15,699.78	90.00	356.61	11,180.00	4,716.46	-279.14	4,724.71	0.00	0.00	0.00
15,729.42	90.00	356.61	11,180.00	4,746.05	-280.89	4,754.35	0.01	0.00	-0.01

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Bottom HoleLocation	0.00	0.00	11,180.00	4,746.05	-280.89	440,823.72	784,836.30	32.209450	-103.546039
- plan hits target center									
- Point									