Form 3160-5 (August 2007) DF	UNITED STATES EPARTMENT OF THE INT	ERIOR		FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010
SUNDRY	UREAU OF LAND MANAGE	MENT	5. Lease S NMLC	Serial No.
Do not use thi abandoned we	is form for proposals to dr. II. Use form 3160-3 (APD)	for such proposal	6. If India	an, Allottee or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruction	ons on reverse side.	7. If Unit	or CA/Agreement, Name and/or No.
1. Type of Well	her	NOV	8. Well Na BATTL	ame and No. LE AXE 27 FEDERAL COM 2H
2. Name of Operator CONOCOPHILLIPS	Contact: AS E-Mail: ashley.bergen	HLEY BERGEN REC	EIVED 9. API W	ell No. -025-42894
3a. Address P.O. BOX 51810 MIDLAND, TX 79710	3 F	 b. Phone No. (include area code Ph: 432-688-6938) 10. Field WOLF	and Pool, or Exploratory FCAMP
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)		11. Count	ty or Parish, and State
Sec 27 T26S R32E Mer NMP	NENE 283FNL 245FEL	/	LEAC	COUNTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF	NOTICE, REPORT, C	OR OTHER DATA
TYPE OF SUBMISSION		TYPE O	F ACTION	
Notice of Intent	Acidize	Deepen	Production (Start/F	Resume) 🔲 Water Shut-Off
C Culture of Information	□ Alter Casing	Fracture Treat	Reclamation	□ Well Integrity
U Subsequent Report	Casing Repair	New Construction	Recomplete	Change to Original A
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Aban Water Disposal	don PD
1st intermediate string will be The well above is planned to s - Spudder Rig and Skid Opera program - BOP/BOPE and Choke Man - Coreflex Choke Line Test Ce - Spudder Rig Specifications/I - Premium Connection Spec S - Wellhead Schematic	set with a 10 3/4" casing size spud 11/17/15. Please see th ations Description which inclu ifold Schematic ertificate _ayout Sheets	e at approximately 4000'. ne following attachments: udes the proposed casing	and cementing	
14. I hereby certify that the foregoing is	s true and correct. Electronic Submission #321	733 verified by the BLM We	II Information System	
Name (Printed/Typed) ASHLEY	BERGEN	Title REGU	ATORY SPECIALIST	
Signature (Electronic)	Submission)	Date 10/27/2	2015	
	THIS SPACE FOR	FEDERAL OR STATE	OFFICE USE	2
American Du		Title		Date
Conditions of approval, if any, are attache vertify that the applicant holds legal or equivich would entitle the applicant to condu-	d. Approval of this notice does not uitable title to those rights in the su act operations thereon.	t warrant or bject lease Office	1	Ch Dane
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crin statements or representations as to	me for any person knowingly an any matter within its jurisdiction	l willfully to make to any do	epartment or agency of the United
		and the second		18 18 19 19 19 19 19 19 19 19 19 19 19 19 19

Sundry Notice Request ConocoPhillips Company <u>Red Hills West; Wolfcamp</u> Battle Axe 27 Federal COM 2H

Lea County, New Mexico

ConocoPhillips Company respectfully requests to amend the approved permit to pre-set the surface and intermediate casings. The reasons would be to improve time and cost savings.

1. Spudder Rig and Skid Operations:

Precision Drilling #822 Rig will be used to drill the surface hole and intermediate hole (to set 1st intermediate casing string). BLM will be contacted / notified 24 hours prior to commencing spudder rig operations and expected to take 10-12 days for a dual pad.

Surface casing and intermediate casing will be preset on all the wells on the same pad. Both hole sections will be drilled, cased and cemented according to casing program based on the approved permit. All casing strings will be tested in accordance to the rules and regulations per Onshore Order.

The wellhead will be nippled up and tested as soon as 13-3/8" surface casing is cut off after the applicable WOC time has been reached. Prior to drilling out the 13-3/8" surface casing, ConocoPhillips shall nipple up a 3M BOPE & choke arrangement with 5M components and test to the rated working pressure of a 3M BOPE system as it is subjected to the maximum anticipated surface pressure 1,500 psi (0.33 psi/ft pressure gradient assuming fully evacuated) per Onshore Order 2. The pressure test to MASP and 50% for annular shall be performed with a test plug after installing the 13-5/8" casing head and nippling up the 3M BOPE system prior to drilling out the 13-3/8" surface casing.

A blind flange cap of the same pressure rating as the wellhead will be secured to seal the wellbore on all casing strings. Pressure will be monitored via flanged port tied to a needle valve and pressure gauge to monitor pressures on each wellhead section and a means for intervention will be maintained while the drilling rig is not over the well.

The drilling operation will re-commence with a big Drilling Rig (H&P Flex 3 rig type) and a BOP stack based on the approved permit will be nippled up and tested on the wellhead before drilling operations resumes on each well. The rig will skid between each well until each well's section has been drilled in this possible order:

- 1. Move-in PD822 to Battle Axe 27 Federal COM 1H
- 2. Drill and pre-set Surface & Intermediate Casing
- 3. Skid to Battle Axe 27 Federal COM 2H
- 4. Drill and pre-set Surface & Intermediate Casing
- 5. Move-in H&P Flex 3 rig to Battle Axe 27 Federal COM 1H
- 6. Drill, Set & Cement Intermediate2 Casing
- 7. Skid to Battle Axe 27 Federal COM 2H
- 8. Drill, Set & Cement Intermediate2 Casing
- 9. Drill, Set & Cement Production Casing
- 10. Skid to Battle Axe 27 Federal COM 1H
- 11. Drill, Set & Cement Production Casing

Rig move in to drill will depend on rig availability and APD approval date. Once "Spudder Rigs" has performed pre-set surface and intermediate, the "Big Drilling Rig" shall return to each well to drill the remain sections per conditions of approval.

2. Proposed Casing and Cementing Program – Option to Preset 10-3/4" Casing at Delaware

ConocoPhillips Company respectfully requests the option to Preset 10-3/4" 45.5# J-55 TSH-W511 (Flushed Connection) Casing. The intent of the 10-3/4" intermediate casing and cementing program is to drill 9-7/8" hole and run 7-5/8" 29.7# P-110 BTC, later on, thus would improve time and cost savings.

All Tubulars used for this design will be new	. A multi-bowl system will be utilized.	Option to Preset 10-3/4"	' will be as follows:
---	---	--------------------------	-----------------------

Hole Size	Casing				Thread &		Depth	Depth	BOPE
(in)	(in)	Wt/Ft	Grade	Connection	Cplg OD	Depth (ft)	(ftTVD)	(ftMD)	System
17 1/2	13 3/8	54.5	J-55	BTC	14.375	0-950	950	950	N/A
12 1/4	10-3/4	45.5	J-55	Tenaris W511	10.75	0-4000	4000	4000	3M
9-7/8	7 5/8	29.7	P-110	BTC	7.752	0-12000	11900	12000	5M
6 3/4	5	18	P-110	Tenaris Blue/TXP	5.720	0-19300	12085	19300	10M

Minimum casing design factors: Burst 1.0, Collapse 1.125, Tensile Strength 1.6 Dry / 1.0 Buoyant

Hole Size (in)	Casing (in)	Burst	Collapse	Tension	Minimum Clearance	
17 1/2	13 3/8	5.94	2.46	19.2	1.5625	
12 1/4	10-3/4	1.64	**2.82	2.10	0.75	
9-7/8	7-5/8	1.7	**2.48	2.10	0.6875	**COP Collapse Design
6 3/4	5	1.58	1.53	3.39	0.515	Mud drop to hydrostatic column equilibrium with pore pressure of lost circulation zone.

		Volume (sx)	Туре	Weight (ppg)	Yield (ft3/sx)	Water (Gal/sx)	Excess	Cement Top
	Lead	530	Class C	13.6	1.73	10.88	>100%	Surface
Surface	Tail	310	Class C	14.8	1.35	6.39	>100%	650ft
Additives (BWOB):	4% Extende	er, 2% CaCl2, 0.	125 lb/sx LCM, 0).2% Anti-Foam				
	Lead	690	Tuned Light	11.9	1.91	11.85	>100%	Surface
Intermediate 1	Tail	140	Class C	14.8	1.33	8.23	>100%	3500ft
Additives (BWOB):	4% Extende	er, 2% CaCl2, 0	.125 lb/sx LCM,	0.2% Anti-Foam				
	Lead	900	Tuned Light	9.7	2.44	9.116	>30%	Surface
Intermediate 2	Tail	140	TXI	13.2	1.53	7.474	>30%	12000ft
Additives (BWOB):	0.4% Dispe	rsant, 1 lb/sx S	alt, 0.1% Retarde	er, 0.5% Fluid Loss,	3 lb/sx LCM			
	Lead							
Production	Tail	750	Class H	15	1.14	3.216	>35%	11400ft
Additives (BWOB):	0.4% Retar	der. 0.2% Anti-	foam, 0.7 Anti-g	elling, 0.4% Fluid Lo	oss. 2% Expand	ing Agent, 5.0%	Silica	

2. Pressure Control Equipment:

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Туре	-	Tested to:
12-1/4"	13-5/8"	3М	Annular	X	50% of working pressure
			Blind Ram		
			Pipe Ram		1 500
			Double Ram	х	± 1,500 psi
			Other*		

*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

X	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
x	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
Х	A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. • Provide description here
	See attached schematic.
Att	achments:

- Attachment # 4 Premium Connection Spec Sheets
- Attachment # 5 Wellhead Schematic

Sundry request proposed 19 October 2015 by: James Chen, P.E. Drilling Engineer | ConocoPhillips Permian Shale Office Phone: 281.206.5244 Cell Phone: 832.768.1647

Sundry of Change - ConocoPhillips Company: October 19, 2015



- Item Description
 - 1 Rotating Head, 13-5/8"
 - 2A Fill up Line and Valve
 - 2B Flow Line (10")
 - 2C Shale Shakers and Solids Settling Tank
 - 2D Cuttings Bins for Zero Discharge
 - 2E Rental Mud Gas Separator with vent line to flare and return line to mud system
 - 3 Annular BOP (13-5/8", 5M)
 - 4 Double Ram (13-5/8", 5M, equipped with Blind Rams and Pipe Rams)
 - 5 Kill Line (2" flexible hose, 3000 psi WP)
 - 6 Kill Line Valve, Inner (3-1/8", 3000 psi WP)
 - 7 Kill Line Valve, Outer (3-1/8", 3000 psi WP)
 - 8 Kill Line Check Valve (2-1/16", 3000 psi WP
 - 9 Choke Line (5M Stainless Steel Coflex Line, 3-1/8" 3M API Type 6B, 3000 psi WP)
 - 10 Choke Line Valve, Inner (3-1/8", 3000 psi WP)
 - 11 Choke Line Valve, Outer, (Hydraulically operated, 3-1/8", 3000 psi WP)
 - 12 Spacer Spool (13-5/8", 5M)
 - 13 Casing Head (13-5/8" 5M)
 - 14 Ball Valve and Threaded Nipple on Casing Head Outlet, 2" 5M
 - 15 Surface Casing

James Chen, P.E. Drilling Engineer | ConocoPhillips Permian Shale Office Phone 281.206.5244 Cell Phone 832.768.1647

RELIANCE INDUSTRIAL

PAGE 01/01

A Industrial Products USA, Ltd. 2030 E. 8th Street, Suite B . Greeley, CO 80631 Ph: (970) 346-3751 • Fax: (970) 353-3168 • Toll Free: (866) 771-9739 ERTIFICA т E C Customer: PERCISION DRILLING Cert No .: 25279TO1 Date: 6/29/2912 P.O. #: 73011111 Invoice #: 25279 3 1/2" FIRE GUARD Material: Description: 2" X 30! FLOATING FLANGE Coupling 1: " Serial: " Quality: Coupling 2: FLANGE " Serial: " Quality: Working Pressure : 3000 Test Pressure: 4500 Duration (mins): 10 5000 an sha ki ta sa sa sa sa 4500 4000 103500 3000 \$2500 2000 £1500 1000 500 Statistics in the many set of the Augerta 0 12.00 0.00 2.00 4.00 6.00 8.00 10.00

Pressurized Time (mins)

Conducted By:

FLORES M. Test Technician

Acceptable

Not Acceptable



All Tees must be targeted

- Item Description
 - 1 Manual Adjustable Choke, 2-1/16", 3M
 - 2 Remote Controlled Hydraulically Operated Adjustable Choke, 2-1/16", 3M
 - 3 Gate Valve, 2-1/16" 5M
 - 4 Gate Valve, 2-1/16" 5M
 - 5 Gate Valve, 2-1/16" 5M
 - 6 Gate Valve, 2-1/16" 5M
 - 7 Gate Valve, 3-1/8" 3M
 - 8 Gate Valve, 2-1/16" 5M
 - 9 Gate Valve, 2-1/16" 5M
 - 10 Gate Valve, 2-1/16" 5M
 - 11 Gate Valve, 3-1/8" 3M
 - 12 Gate Valve, 2-1/16" 5M
 - 13 Pressure Gauge
 - 14 2" hammer union tie-in point for BOP Tester

We will test each valve to 3000 psi from the upstream side.

Submitted by: James Chen Drilling Engineer, Mid-Continent Business Unit, ConocoPhillips Company Date: 21-March-2013



Rig Inventory and Layout RIG 82255E

Active

Rig #	822	Rig Type	Super Single™ Electric
Superintendent	Johnny Ison	Operation Centre	Mid Continent
Category	Electric	Rig Type Code	SSE
Loads Winter (include boiler)	21	Class	Super Singles
Rated Vertical Depth (ft)	10000	Horse Power Range	1000 - 1200
Region	US Operations Group 1	Rig Locator Status	
Company	PDOS	Rig Phone Number	817-694-6797
		Plant Code	1505
Rated with Drill Pipe (in)	4 1/2		

DRAWWORKS

Mechanical/Electric	VFD	Auxiliary Brake	N/A
Drawworks	Alta-Rig ARS-1201-AC	Rated Power (hp)	1200
Drawworks Capacity (lbs)	320000	Number of lines	8
Drawworks Drive (Quantity)	Baylor CM628TUT (AC) (1)	Rating (hp) - Each Motor	1230

MAST

Mast Type	Single	Manufacturer	
Static Hook Load (lbs)	299000	Mast Clear Height (ft)	75'
Drill Line Size (in)	1	Number of lines	8
Drill Line SF=2 (lbs)	348300	Drill Line SF=3 (lbs)	232200

SUBSTRUCTURE

Substructure Type	Trailer	Manufacturer			
Floor Height (ft)	10' 10" - 12' 6"	Kelly Bushing to Ground (ft)			
Clear Height (ft)	8' 6" - 10' 2"				
Rotary Capacity (lbs)	299000	Setback Capacity (lbs)	No Limitation		
This Dis Tune in Eaulaned un	the Dine Arm				

This Rig Type is Equipped with a Pipe Arm

HOISTING AND ROTATING EQUIPMENT

Top Drive Model	Precision/Rostel PDCA50/70	Top Drive Capacity (tons)	150	
Rotary Table Model	Slip Table	Rotary Table Capacity (Ibs)	200000	
		Rotary Table Clearance (in)	20-1/2	
Power Wrench Model	W-N Apache 90-70	Maximum Diameter (in)	11-3/4	

RIG 822SSE

MUD PUMPS AND MUD SYSTEM

MUD PUMP 1

Manufacturer & Model	BPMMP - BSF-1000 (Triplex)	Rated Power (hp)	1000
Stroke (in)	10		
Mud Pump Drive (Quantity)	Baylor CM628TUT (AC) (1)	Rating (hp) - Each Motor	1230

MUD PUMP 2

Manufacturer & Model	BPMMP - BSF-1000 (Triplex)	Rated Power (hp)	1000
Stroke (in)	10		
Mud Pump Drive (Quantity)	Baylor CM628TUT (AC) (1)	Rating (hp) - Each Motor	1230

MUD SYSTEM

Mud Tank Total Volume (ыы	360	# of Mud Tanks	1
Premix Tank Volume (bbl)		Pill Tank Volume (bbl)	9.4
Trip Tank Volume (bbl)	15.7	TripTank Surface Area	18.3
Centrifugal Pump Quantity:	2	Centrifugal Pump Size	5x6
Shale Shaker Quantity	1	Shale Shaker	Brandt King Cobra Linear Motion
Atmospheric Degasser	Single - 30 in OD 3 in Inlet 8 in Vent Line		
Additional Information			

WELL CONTROL SYSTEM

Annular	Townsend Type-90	Pressure Rating (psi)	3000	
		Size (in)	11	
Rams				
Ram 1	Townsend T-82 - Single	Pressure Rating (psi)	3000	
		Size (in)	11	
Ram 2	Townsend T-82 - Single	Pressure Rating (psi)	3000	
		Size (in)	11	
Trim Type	Nace	BOP Additional Infomation		
Accumulator Manufacturer	E.C.S.	Remote Panel Type	Electric	
Accumulator Volume (gal-US)	84	# of Stations:	5	
Accumulator Pumps				
Choke Manifold Style (in)	2x3x2	Pressure Rating (psi)	3000	

Well control equipment listed is rig's normal inventory. Well control equipment is subject to change; Operator should confirm current configuration and specific requirements with the Precision Drilling Contracts Representative.

RIG 822SSE

ELECTRICAL POWER

Power Distribution Type 3 Diesel Electric Generators, each with Ross Hill 1402 Generator Bays powering 4 ABB ASC800 Drive Bays & Allen Bradley MCC

POWER GENERATION

Power Generators					
Quantity	2	Generator Drive	CAT C-32	Generator Rating (kW)	810
Quantity	1	Generator Drive	CAT C-18	Generator Rating (kW)	545

MISCELLANEOUS EQUIPMENT

Winterization	N/A	Boiler Rating (hp)	
Fuel Tank Qty	1	Total Fuel Tank Capacity (gal-US)	5200
Water Tank Qty	1	Total Water Tank Capacity (bbl)	375
Special Equipment	Hydraulic BOP I Substructure Lev	Handler, Hydraulic Catheads, Hydraulio eling Jacks	c Catwalk, Hydraulic Pipe Arm, Power Tong,

NOTES

TUBULARS

As the selection of tubulars is dependant on the planned well program, specific requirements are to be discussed with the contracts representative of Precision Drilling. Exact quantities and descriptions of the selected tubulars are available upon request.

RIG LAYOUT

RIG 822SSE



BOP LAYOUT

RIG 822SSE



NOTE: STACK SHOWN IN VERTICAL POSITION FOR CLARITY

STACK COMPONENTS REPRESENTED ARE SUBJECT TO AVAILABILITY, PLEASE CONFIRM WITH WELL CONTROL DEPARTMENT MANAGER. EQUIPMENT REPRESENTATION ONLY NOT DRAWN TO SCALE

PRECISION DRILLING

DATE: 2015/10/05 DWG No.: B0P-822-006 DWG BY : CTJ





13-3/8" x 10-3/4" x 7-5/8" x 5" 15M SH2/3STG Wellhead Assembly, With DSPA-DBLEBS and MTH-2FB Tubing Head

DRAWN	CDG	140CT15
APPRV	VJK	150CT15
FOR REFERENC	E ONLY	
DRAWING NO	o. 100	10485

For the latest performance data, always visit our website: www.tenaris.com

October 12 2015



Connection: Wedge 511[™] **Casing/Tubing**: CAS

Size: 10.750 in. Wall: 0.400 in. Weight: 45.50 lbs/ft Grade: J55 Min. Wall Thickness: 87.5 %

PIPE BODY DATA GEOMETRY Standard Drift Nominal OD 10.750 in. Nominal Weight 45.50 lbs/ft 9.794 in. Diameter Special Drift Nominal ID 9.950 in. Wall Thickness 0.400 in. 9.875 in. Diameter Plain End Weight 44.26 lbs/ft PERFORMANCE Body Yield 715 x 1000 lbs Internal Yield 3580 psi SMYS 55000 psi Strength Collapse 2090 psi

WEDGE 511[™] CONNECTION DATA

		GEOMET	RY		
Connection OD	10.750 in.	Connection ID	9.922 in.	Make-Up Loss	3.700 in.
Critical Section Area	7.671 sq. in.	Threads per in.	3.28		
		PERFORM	ANCE		
Tension Efficiency	59.0 %	Joint Yield Strength	422 x 1000 lbs	Internal Pressure Capacity	3360 psi
Compression Strength	505 x 1000 lbs	Compression Efficiency	70.6 %	Bending	14 °/100 ft
External Pressure Capacity	2090 psi				
		MAKE-UP TO	RQUES		
Minimum	11000 ft-lbs	Optimum	13200 ft-lbs	Maximum (*)	19300 ft-lbs
		OPERATIONAL LIN	IT TORQUES		
Operating Torque	49000 ft-lbs	Yield Torque	74000 ft-lbs		
		BLANKING DIM	ENSIONS		

http://premiumconnectiondata.tenaris.com/tsh_print.php?hWall=0.400&hSize=10.750&h... 10/12/2015

October 21 2014



Connection: Blue® Casing/Tubing: CAS Coupling Option: REGULAR

Size: 5.000 in. Wall: 0.362 in. Weight: 18.00 lbs/ft Grade: P110 Min. Wall Thickness: 87.5 %

		PIPE BODY	DATA		
		GEOMET	TRY		
Nominal OD	5.000 in.	Nominal Weight	18.00 lbs/ft	Standard Drift Diameter	4.151 in.
Nominal ID	4.276 in.	Wall Thickness	0.362 in.	Special Drift Diameter	N/A
Plain End Weight	17.95 lbs/ft				
		PERFORM	ANCE		
Body Yield Strength	580 x 1000 lbs	Internal Yield	13940 psi	SMYS	110000 psi
Collapse	13470 psi				
		BLUE® CONNEC	TION DATA		
tern other constants		GEOMET	TRY		
Connection OD	5.630 in.	Coupling Length	10.551 in.	Connection ID	4.264 in.
Critical Section Area	5.275 sq. in.	Make-Up Loss	4.579 in.	Threads per in.	5.00
		PERFORM	ANCE		
Tension Efficiency	100 %	Joint Yield Strength	580 x 1000 Ibs	Internal Pressure Capacity	13940 psi
Compression Efficiency	100 %	Compression Strength	580 x 1000 Ibs	Bending	101 °/100 f
External Pressure Capacity	13470 psi				
		MAKE-UP TO	DRQUES		
Minimum	6400 ft-lbs	Target	7110 ft-lbs	Maximum	7820 ft-lbs
		OPERATIONAL LI	MIT TORQUES	5	
Operating Torque	ASK	Yield Torque	17600 ft-lbs		
		SHOULDER T	ORQUES		
Minimum	1070 ft-lbs	Maximum	6040 ft-lbs		

http://premiumconnectiondata.tenaris.com/tsh_print.php?hWall=0.362&hSize=5.000&hG... 10/21/2014

December 18 2014



Connection: TenarisXP[™] BTC Casing/Tubing: CAS Coupling Option: REGULAR

Size: 5.000 in. Wall: 0.362 in. Weight: 18.00 lbs/ft Grade: P110 Min. Wall Thickness: 87.5 %

		PIPE BODY	DATA		
		GEOMET	RY		
Nominal OD	5.000 in.	Nominal Weight	18.00 lbs/ft	Standard Drift Diameter	4.151 in.
Nominal ID	4.276 in.	Wall Thickness	0.362 in.	Special Drift Diameter	N/A
Plain End Weight	17.95 lbs/ft				
		PERFORM	ANCE		
Body Yield Strength	580 x 1000 lbs	Internal Yield	13940 psi	SMYS	110000 psi
Collapse	13470 psi				
	TEM	ARISXP™ BTC CO	NNECTION D	ATA	
		GEOMET	RY	1	
Connection OD	5.720 in.	Coupling Length	9.325 in.	Connection ID	4.264 in.
Critical Section Area	5.275 sq. in.	Threads per in.	5.00	Make-Up Loss	4.141 in.
* 2		PERFORM	ANCE		
Tension Efficiency	100 %	Joint Yield Strength	580 x 1000 lbs	Internal Pressure Capacity ⁽¹⁾	13940 psi
Structural Compression Efficiency	100 %	Structural Compression Strength	580 x 1000 Ibs	Structural Bending ^(<u>2</u>)	101 °/100 ft
External Pressure Capacity	13470 psi				
	E	STIMATED MAKE-L	P TORQUES	3)	
Minimum	N/A ft-lbs	Target	N/A ft-lbs	Maximum	N/A ft-lbs
		OPERATIONAL LIN	IT TORQUES	5	
Operating Torque	ASK	Yield Torque	N/A ft-lbs		
		BLANKING DIM	ENSIONS		

Page 1 of 2

http://premiumconnectiondata.tenaris.com/tsh_print.php?hWall=0.362&hSize=5.000&hG... 12/18/2014