

Well Name: YADA FED COM	Well Location: T24S / R35E / SEC 35 / SWSE / 32.1674104 / -103.3347905	County or Parish/State: LEA / NM
Well Number: 213H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138896	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548272	Well Status: Approved Application for Permit to Drill	Operator: TAP ROCK OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Casing
Date Sundry Submitted: 02/01/2021	Time Sundry Submitted: 09:29
Date proposed operation will begin: 02/01/2021	

**Procedure Description:** Tap Rock Operating, LLC is requesting permission to alter the casing plan for the above well. Tap Rock would like the option to run 7.625-inch 29.7 lb P110 W441 or 7.625-inch 29.7 lb P110 W513 intermediate casing. Tap Rock would also like to alter the production casing to 5.5-inch 23 lb P110S Blue by 5.5-inch 23 lb P110 W521 OR 5.5-inch 23 lb P110 W441.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Yada\_WC\_Sundry\_List\_20210201092933.pdf

<b>Well Name:</b> YADA FED COM	<b>Well Location:</b> T24S / R35E / SEC 35 / SWSE / 32.1674104 / -103.3347905	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 213H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM138896	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002548272	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> TAP ROCK OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

**Operator Electronic Signature:** RAMSEY **Signed on:** FEB 01, 2021 09:29 AM

**Name:** TAP ROCK OPERATING LLC

**Title:** Regulatory Analyst

**Street Address:** 602 PARK POINT DRIVE SUITE 200

**City:** GOLDEN **State:** CO

**Phone:** (720) 460-3316

**Email address:** NOT ENTERED

Field Representative

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

BLM Point of Contact

**BLM POC Name:** ALLISON MORENCY **BLM POC Title:** Contractor WO

**BLM POC Phone:** 2029127157 **BLM POC Email Address:** amorency@blm.gov

**Disposition:** Approved **Disposition Date:** 02/09/2021

**Signature:** Allison Morency

Tap Rock Operating, LLC is requesting permission to alter the drilling plans for the following wells. Tap Rock would like the option to run 7.625-inch 29.7 lb P110 W441 or 7.625-inch 29.7 lb P110 W513 intermediate casing. Tap Rock would also like to alter the production casing to 5.5-inch 23 lb P110S Blue by 5.5-inch 23 lb P110 W521 **OR** 5.5-inch 23 lb P110 W441.

**Well Name:**

**Yada Fed Com 131H**

API: 30-025-48355

SHL: 240 FSL, 926 FWL, Sec 35, T 24S, R 35E

32.1673817, -103.3438533

**Yada Fed Com 135H**

API: 30-025-48253

SHL: 215 FSL, 951 FWL, Sec 35, T 24S, R 35E

32.167313, -103.3437724

**Yada Fed Com 132H**

API: 30-025-48252

SHL: 238 FSL, 2203 FWL, Sec 35, T 24S, R 35E

32.1673762, -103.3397264

**Yada Fed Com 136H**

API: 30-025-48313

SHL: 250 FSL, 1523 FEL, Sec 35, T 24S, R 35E

32.1674086, -103.3347098

**Yada Fed Com 133H**

API: 30-025-48312

SHL: 276 FSL, 1548 FEL, Sec 35, T 24S, R 35E

32.1674791, -103.3347884

**Yada Fed Com 137H**

API: 30-025-48269

SHL: 213 FSL, 2228 FWL, Sec 35, T 24S, R 35E

32.1673073, -103.3396459

**Yada Fed Com 134H**

API: 30-025-48268

SHL: 267 FSL, 767 FEL, Sec 35, T 24S, R 35E

32.1674538, -103.3322672

**Yada Fed Com 138H**

API: 30-025-48270

SHL: 242 FSL, 743 FEL, Sec 35, T 24S, R 35E

32.1673851, -103.3321864

**Yada Fed Com 211H**

API: 30-025-48254

SHL: 215 FSL, 926 FWL, Sec 35, T 24S, R 35E

32.167313, -103.3438532

**Yada Fed Com 215H**

API: 30-025-48255

SHL: 240 FSL, 951 FWL, Sec 35, T 24S, R 35E

32.1673817, -103.3437725

**Yada Fed Com 212H**

API: 30-025-48271

SHL: 213 FSL, 2203 FWL, Sec 35, T 24S, R 35E

32.1673075, -103.3397267

**Yada Fed Com 216H**

API: 30-025-48274

SHL: 275 FSL, 1523 FEL, Sec 35, T 24S, R 35E

32.1674773, -103.3347076

**Yada Fed Com 213H**

API: 30-025-48272

SHL: 251 FSL, 1548 FEL, Sec 35, T 24S, R 35E

32.1674104, -103.3347905

**Yada Fed Com 217H**

API: 30-025-48275

SHL: 238 FSL, 2228 FWL, Sec 35, T 24S, R 35E

32.167376, -103.3396456

**Yada Fed Com 214H**

API: 30-025-48273

SHL: 242 FSL, 768 FEL, Sec 35, T 24S, R 35E

32.1673851, -103.3322672

**Yada Fed Com 218H**

API: 30-025-48276

SHL: 267 FSL, 742 FEL, Sec 35, T 24S, R 35E

32.1674538, -103.3321864



## Data Sheet

TH DS-20.0313 28 July 2020

Rev 01

## 7.625" 29.70 lb/ft P110-ICY TenarisHydril Wedge 441™



PIPE BODY DATA					
GEOMETRY					
Nominal OD	7.625 in.	Nominal Weight	29.70 lbs/ft	Standard Drift Diameter	6.750 in.
Nominal ID	6.875 in.	Wall Thickness	0.375 in.	Special Drift Diameter	N/A
Plain End Weight	29.06 lbs/ft				
PERFORMANCE					
Body Yield Strength	1068 x 1000 lbs	Internal Yield <sup>1</sup>	11070 psi	Collapse	7360 psi
CONNECTION DATA					
GEOMETRY					
Connection OD	7.900 in.	Connection ID	6.875 in.	Make-up Loss	3.750 in.
Coupling Length	8.666 in.	Threads per in.	3.43		
PERFORMANCE					
Tension Efficiency	75%	Joint Yield Strength	801 x 1000 lbs	Internal Yield <sup>1</sup>	11070 psi
Compression Efficiency	75%	Compression Strength	801 x 1000 lbs	Collapse	7360 psi
Bending	56 °/100 ft				
MAKE-UP TORQUES					
Minimum	22000 ft-lbs	Optimum	23000 ft-lbs	Maximum	26000 ft-lbs
BUCK-ON TORQUES					
Minimum	26000 ft-lbs			Maximum	28000 ft-lbs
OPERATIONAL LIMIT TORQUES					
Operating Torque	41600 ft-lbs			Yield Torque	49000 ft-lbs

\*If you need to use torque values that are higher than the maximum indicated, please contact a local Tenaris technical sales representative

1. Internal Yield Rating is based on 90% RBW

Important Note: In October 2019, TenarisHydril Wedge XP® 2.0 SL™ was renamed TenarisHydril Wedge 441™. Product dimensions and properties remain identical and both connections are fully interchangeable.

# Wedge 513®

Printed on: 01/30/2018



Outside Diameter	7.625 in.	Min. Wall Thickness	87.5%	(*) Grade P110	
Wall Thickness	0.375 in.	Connection OD Option	REGULAR	COUPLING	PIPE BODY
Grade	P110*	Drift	API Standard	Body: White	1st Band: White
		Type	Casing	1st Band: -	2nd Band: -
				2nd Band: -	3rd Band: -
				3rd Band: -	4th Band: -



GEOMETRY					
Nominal OD	7.625 in.	Nominal Weight	29.70 lbs/ft	Drift	6.75 in.
Nominal ID	6.875 in.	Wall Thickness	0.375 in.	Plain End Weight	29.06 lbs/ft
OD Tolerance	API				
PERFORMANCE					
Body Yield Strength	940 x1000 lbs	Internal Yield	9470 psi	SMYS	110000 psi
Collapse	5350 psi				
GEOMETRY					
Connection OD	7.625 in.	Connection ID	6.800 in.	Make-up Loss	4.420 in.
Threads per in	3.29	Connection OD Option	REGULAR		
PERFORMANCE					
Tension Efficiency	60.0 %	Joint Yield Strength	564.000 x1000 lbs	Internal Pressure Capacity	9470.000 psi
Compression Efficiency	75.2 %	Compression Strength	706.880 x1000 lbs	Max. Allowable Bending	39.6 °/100 ft
External Pressure Capacity	5350.000 psi				
MAKE-UP TORQUES					
Minimum	9000 ft-lbs	Optimum	10800 ft-lbs	Maximum	15800 ft-lbs
OPERATION LIMIT TORQUES					
Operating Torque	47000 ft-lbs	Yield Torque	70000 ft-lbs		

## Notes

This connection is fully interchangeable with:

Wedge 523® - 7.625 in. - 29.7 lbs/ft

Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For further information on concepts indicated in this datasheet, download the Datasheet Manual from [www.tenaris.com](http://www.tenaris.com)

Tenaris has issued this document for general information only, and the information in this document, including, without limitation, any pictures, drawings or designs ("Information") is not intended to constitute professional or any other type of advice or recommendation and is provided on an "as is" basis. No warranty is given. Tenaris has not independently verified any information –if any- provided by the user in connection with, or for the purpose of, the Information contained hereunder. The use of the Information is at user's own risk and Tenaris does not assume any responsibility or liability of any kind for any loss, damage or injury resulting from, or in connection with any Information contained hereunder or any use thereof. The Information in this document is subject to change or modification without notice. Tenaris's products and services are subject to Tenaris's standard terms and conditions or otherwise to the terms resulting from the respective contracts of sale or services, as the case may be, between petitioner and Tenaris. For more complete information please contact a Tenaris's representative or visit our website at [www.tenaris.com](http://www.tenaris.com) . ©Tenaris 2017. All rights reserved.

Blue®

Printed on: 10/24/2019

Outside Diameter **5.500 in.**Min. Wall Thickness **87.5%**(\*) Grade **P110-S**Wall Thickness **0.415 in.**Connection OD Option **REGULAR****COUPLING****PIPE BODY**Grade **P110-S\***Drift **API Standard**Body: **White**1st Band: **White**

1st Band:

2nd Band:

**Orange****Orange**

2nd Band: -

3rd Band: -

3rd Band: -

4th Band: -

Type **Casing****PIPE BODY DATA****GEOMETRY**

Nominal OD	<b>5.500 in.</b>	Nominal Weight	<b>23.00 lbs/ft</b>	Drift	<b>4.545 in.</b>
Nominal ID	<b>4.670 in.</b>	Wall Thickness	<b>0.415 in.</b>	Plain End Weight	<b>22.56 lbs/ft</b>
OD Tolerance	<b>API</b>				

**PERFORMANCE**

Body Yield Strength	<b>729 x1000 lbs</b>	Internal Yield	<b>14530 psi</b>	SMYS	<b>110000 psi</b>
Collapse	<b>14540 psi</b>				

**CONNECTION DATA****GEOMETRY**

Connection OD	<b>6.181 in.</b>	Coupling Length	<b>10.748 in.</b>	Connection ID	<b>4.695 in.</b>
Make-up Loss	<b>4.677 in.</b>	Threads per in	<b>5</b>	Connection OD Option	<b>REGULAR</b>

**PERFORMANCE**

Tension Efficiency	<b>100.0 %</b>	Joint Yield Strength	<b>729.000 x1000 lbs</b>	Internal Pressure Capacity	<b>14530.000 psi</b>
Compression Efficiency	<b>100 %</b>	Compression Strength	<b>729.000 x1000 lbs</b>	Max. Allowable Bending	<b>92 °/100 ft</b>
External Pressure Capacity	<b>14540.000 psi</b>	Coupling Face Load	<b>408000 lbs</b>		

**MAKE-UP TORQUES**

Minimum	<b>8250 ft-lbs</b>	Optimum	<b>9170 ft-lbs</b>	Maximum	<b>10090 ft-lbs</b>
---------	--------------------	---------	--------------------	---------	---------------------

**SHOULDER TORQUES**

Minimum	<b>1380 ft-lbs</b>	Maximum	<b>7790 ft-lbs</b>		
---------	--------------------	---------	--------------------	--	--

**OPERATION LIMIT TORQUES**

Operating Torque	<b>19920 ft-lbs</b>	Yield Torque	<b>24900 ft-lbs</b>		
------------------	---------------------	--------------	---------------------	--	--

**Notes**

This connection is fully interchangeable with:

Blue® - 5.5 in. - 15.5 / 17 / 20 / 26 / 26.8 / 28.4 / 29.7 / 32.6 / 35.3 lbs/ft

Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

Datasheet is also valid for Special Bevel option when applicable - except for Coupling Face Load, which will be reduced. Please contact a local Tenaris technical sales representative.



# Wedge 521<sup>®</sup>



Coupling	Pipe Body
Grade: P110-CY	Grade: P110-CY
Body: -	1st Band: White
1st Band: -	2nd Band: Grey
2nd Band: -	3rd Band: -
3rd Band: -	4th Band: -

Outside Diameter	5.500 in.	Wall Thickness	0.415 in.	Grade	P110-CY
Min. Wall Thickness	87.50 %	Drift	API Standard	Type	Casing
Connection OD Option	REGULAR				

## Pipe Body Data

Geometry				Performance	
Nominal OD	5.500 in.	Wall Thickness	0.415 in.	Body Yield Strength	729 x1000 lb
Nominal Weight	23 lb/ft	Plain End Weight	22.56 lb/ft	Min. Internal Yield Pressure	14,530 psi
Drift	4.545 in.	OD Tolerance	API	SMYS	110,000 psi
Nominal ID	4.670 in.			Collapse Pressure	14,540 psi

## Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	5.936 in.	Tension Efficiency	76.50 %	Minimum	7000 ft-lb
Connection ID	4.620 in.	Joint Yield Strength	557.69 x1000 lb	Optimum	8400 ft-lb
Make-up Loss	3.620 in.	Internal Pressure Capacity	14,530 psi	Maximum	12,300 ft-lb
Threads per inch	3.36	Compression Efficiency	89.60 %	Operation Limit Torques	
Connection OD Option	Regular	Compression Strength	653.18 x1000 lb	Operating Torque	21,000 ft-lb
		Max. Allowable Bending	70.40 °/100 ft	Yield Torque	32,000 ft-lb
		External Pressure Capacity	14,540 psi		

## Notes

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)

Tenaris has issued this document for general information only, and the information in this document, including, without limitation, any pictures, drawings or designs ("Information") is not intended to constitute professional or any other type of advice or recommendation and is provided on an "as is" basis. No warranty is given. Tenaris has not independently verified any information –if any- provided by the user in connection with, or for the purpose of, the Information contained hereunder. The use of the Information is at user's own risk and Tenaris does not assume any responsibility or liability of any kind for any loss, damage or injury resulting from, or in connection with any Information contained hereunder or any use thereof. The Information in this document is subject to change or modification without notice. Tenaris's products and services are subject to Tenaris's standard terms and conditions or otherwise to the terms resulting from the respective contracts of sale or services, as the case may be, between petitioner and Tenaris. For more complete information please contact a Tenaris's representative or visit our website at [www.tenaris.com](http://www.tenaris.com). ©Tenaris 2020. All rights reserved.



## 5.500" 23.00 lb/ft P110-CY TenarisHydril Wedge 441™



### Preliminary Special Data Sheet

TH DS-20.0503  
29 October 2020  
Rev 00

Nominal OD	5.500 in.	Wall Thickness	0.415 in.	Grade	P110-CY
Min Wall Thickness	87.5%	Type	CASING	Connection OD Option	REGULAR

#### Pipe Body Data

Geometry			Performance		
Nominal OD	5.500 in.	Nominal ID	4.670 in.	Body Yield Strength	729 x 1000 lbs
Nominal Weight	23.00 lbs/ft	Wall Thickness	0.415 in.	Internal Yield	14530 psi
Standard Drift Diameter	4.545 in.	Plain End Weight	22.56 lbs/ft	SMYS	110000 psi
Special Drift Diameter	N/A	OD Tolerance	API	Collapse Pressure	14540 psi

#### Connection Data

Geometry		Performance		Make-up Torques	
Connection OD	5.970 in.	Tension Efficiency	86%	Minimum	15000 ft-lbs
Connection ID	4.670 in.	Joint Yield Strength	627 x 1000 lbs	Optimum	16000 ft-lbs
Make-up Loss	3.775 in.	Internal Yield	14530 psi	Maximum	19200 ft-lbs
Threads per in.	3.40	Compression Efficiency	86%	Operational Limit Torques	
Connection OD Option	REGULAR	Compression Strength	627 x 1000 lbs	Operating Torque	33000 ft-lbs
Coupling Length	7.714 in.	Bending	79 °/100 ft	Yield Torque	39000 ft-lbs
		Collapse	14540 psi		

#### Notes

\*If you need to use torque values that are higher than the maximum indicated, please contact a local Tenaris technical sales representative

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 17549

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	372043	17549	C-103A
523 Park Point Drive			
OCD Reviewer	Condition		
pkautz	None		