

Well Name: YADA FED COM	Well Location: T24S / R35E / SEC 35 / SWSE / 32.1674791 / -103.3347884	County or Parish/State: LEA / NM
Well Number: 133H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138896	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548312	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: 09:15
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

Well Name: YADA FED COM	Well Location: T24S / R35E / SEC 35 / SWSE / 32.1674791 / -103.3347884	County or Parish/State: LEA / NM
Well Number: 133H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138896	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548312	Well Status: Approved Application for Permit to Drill	Operator: 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 09:15 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 ¹	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 ¹	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

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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: Orange

2nd Band: Orange

2nd Band: -

3rd Band: -

3rd Band: -

4th Band: -

Type Casing

PIPE BODY DATA

GEOMETRY

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

PERFORMANCE

Body Yield Strength	729 x1000 lbs	Internal Yield	14530 psi	SMYS	110000 psi
Collapse	14540 psi				

CONNECTION DATA

GEOMETRY

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

PERFORMANCE

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

MAKE-UP TORQUES

Minimum	8250 ft-lbs	Optimum	9170 ft-lbs	Maximum	10090 ft-lbs
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SHOULDER TORQUES

Minimum	1380 ft-lbs	Maximum	7790 ft-lbs		
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OPERATION LIMIT TORQUES

Operating Torque	19920 ft-lbs	Yield Torque	24900 ft-lbs		
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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[®]



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

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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

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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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 17539

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	372043	17539	C-103A
523 Park Point Drive			
OCD Reviewer	Condition		
pkautz	None		