

<b>Well Name:</b> TALCO STATE FED COM	<b>Well Location:</b> T26S / R35E / SEC 16 / NWNW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 222H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0448921A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002548612	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> TAP ROCK OPERATING LLC

**Notice of Intent**

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 04/12/2021

**Time Sundry Submitted:** 05:14

**Date proposed operation will begin:** 04/12/2021

**Procedure Description:** Tap Rock would like to alter the casing plan for the Talco State Fed Com 201H. Tap Rock is requesting permission to: • run one of the two options listed in the attached casing table - A three or four string design. • alter the second intermediate string from 7.625 inch 29.7 lb P-110 W-513 to 7.625 inch 29.7 P-110 W-441 casing. This casing will be run to 12455 ft MD. Casing spec has been attached. • alter the production casing string from 5.5 inch 20 lb P-110 TXP by 5.5 inch 18 lb P-110 W-521 to 5.5 inch 20 lb P-110 TXP by 5.5 inch 20 lb P-110 W-441 casing. This casing will be run from approximately 12255 ft to 23419 ft MD. Casing spec has been attached. • have the option of running a DV tool during cementing operations. If no DV tool is ran, we would like to cement the intermediate section in a single stage.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

Talco\_State\_Fed\_Com\_222H\_Sundry\_casing\_Table\_20210412\_20210412171344.pdf

5.5\_20\_P110\_IC\_W441\_20210412171344.pdf

7.625\_29.7\_P110ICY\_W441\_20210311154211\_20210412171344.pdf

<b>Well Name:</b> TALCO STATE FED COM	<b>Well Location:</b> T26S / R35E / SEC 16 / NWNW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 222H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0448921A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002548612	<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:** BILL RAMSEY **Signed on:** APR 12, 2021 05:14 PM

**Name:** TAP ROCK OPERATING LLC

**Title:** Regulatory Analyst

**Street Address:** 523 PARK POINT DRIVE SUITE 200

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

**Phone:** (720) 360-4028

**Email address:** BRAMSEY@TAPRK.COM

**Field Representative**

**Representative Name:**

**Street Address:**

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

**Phone:**

**Email address:**

**BLM Point of Contact**

<b>BLM POC Name:</b> CHRISTOPHER WALLS	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5752342234	<b>BLM POC Email Address:</b> cwalls@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 05/10/2021
<b>Signature:</b> Chris Walls	

<b>Well Name:</b> TALCO STATE FED COM	<b>Well Location:</b> T26S / R35E / SEC 16 / NWNW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 222H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0448921A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002548612	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> TAP ROCK OPERATING LLC

**Notice of Intent**

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 04/12/2021

**Time Sundry Submitted:** 05:14

**Date proposed operation will begin:** 04/12/2021

**Procedure Description:** Tap Rock would like to alter the casing plan for the Talco State Fed Com 201H. Tap Rock is requesting permission to: • run one of the two options listed in the attached casing table - A three or four string design. • alter the second intermediate string from 7.625 inch 29.7 lb P-110 W-513 to 7.625 inch 29.7 P-110 W-441 casing. This casing will be run to 12455 ft MD. Casing spec has been attached. • alter the production casing string from 5.5 inch 20 lb P-110 TXP by 5.5 inch 18 lb P-110 W-521 to 5.5 inch 20 lb P-110 TXP by 5.5 inch 20 lb P-110 W-441 casing. This casing will be run from approximately 12255 ft to 23419 ft MD. Casing spec has been attached. • have the option of running a DV tool during cementing operations. If no DV tool is ran, we would like to cement the intermediate section in a single stage.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

Talco\_State\_Fed\_Com\_222H\_Sundry\_casing\_Table\_20210412\_20210412171344.pdf

5.5\_20\_P110\_IC\_W441\_20210412171344.pdf

7.625\_29.7\_P110ICY\_W441\_20210311154211\_20210412171344.pdf

**Well Name:** TALCO STATE FED COM

**Well Location:** T26S / R35E / SEC 16 /  
NWNW /

**County or Parish/State:**

**Well Number:** 222H

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM0448921A

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3002548612

**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:** BILL RAMSEY

**Signed on:** APR 12, 2021 05:14 PM

**Name:** TAP ROCK OPERATING LLC

**Title:** Regulatory Analyst

**Street Address:** 523 PARK POINT DRIVE SUITE 200

**City:** GOLDEN

**State:** CO

**Phone:** (720) 360-4028

**Email address:** BRAMSEY@TAPRK.COM

**Field Representative**

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** CHRISTOPHER WALLS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234

**BLM POC Email Address:** cwalls@blm.gov

**Disposition:** Approved

**Disposition Date:** 05/10/2021

**Signature:** Chris Walls



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

- 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.



## Data Sheet

TH DS-19.0478 23 October 2019  
Rev 01

## 5.500" 20.00 lb/ft P110-IC TenarisHydril Wedge 441™



PIPE BODY DATA					
GEOMETRY					
Nominal OD	5.500 in.	Nominal Weight	20.00 lbs/ft	Standard Drift Diameter	4.653 in.
Nominal ID	4.778 in.	Wall Thickness	0.361 in.	Special Drift Diameter	N/A
Plain End Weight	19.83 lbs/ft				
PERFORMANCE					
Body Yield Strength	641 x 1000 lbs	Internal Yield	12640 psi	Collapse	12100 psi
CONNECTION DATA					
GEOMETRY					
Connection OD	5.852 in.	Connection ID	4.778 in.	Make-up Loss	3.780 in.
Coupling Length	8.214 in.	Threads per in.	3.40		
PERFORMANCE					
Tension Efficiency	81.5%	Joint Yield Strength	522 x 1000 lbs	Internal Yield	12640 psi
Compression Efficiency	81.5%	Compression Strength	522 x 1000 lbs	Collapse	12100 psi
Bending	75 °/100 ft				
MAKE-UP TORQUES					
Minimum	14000 ft-lbs	Optimum	15000 ft-lbs	Maximum	18000 ft-lbs
BUCK-ON TORQUES					
Minimum	21600 ft-lbs			Maximum	23100 ft-lbs
OPERATIONAL LIMIT TORQUES					
Operating Torque	25000 ft-lbs			Yield Torque	29000 ft-lbs

\*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 27552

**CONDITIONS OF APPROVAL**

Operator: TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	523 Park Point Drive	OGRID: 372043	Action Number: 27552	Action Type: C-103A
OCD Reviewer pkautz		Condition None		