

Well Name: NAILED IT FED COM	Well Location: T26S / R30E / SEC 36 / LOT 3 / 32.0007189 / -103.837378	County or Parish/State: EDDY / NM
Well Number: 212H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138850	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546854	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

NMOCD - JAG

Notice of Intent

Sundry ID: 2633358

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 09/09/2021	Time Sundry Submitted: 08:21
Date proposed operation will begin: 09/09/2021	

**Procedure Description:** Tap Rock Operating would like to request a change in the casing design for the Nailed It Fed Com 212H production pipe. Tap Rock would like to change the production casing from 5 inch 18 lb P-110 W-521 to 5.5 inch 20 lb P-110 W-441 in the lateral portion of the well. Please see the attached casing spec and casing table for more information.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- 5.5\_20\_P110\_IC\_W441\_20210909082043.pdf
- Nailed\_It\_212\_Casing\_Table\_20210311\_20210909081957.pdf

<b>Well Name:</b> NAILED IT FED COM	<b>Well Location:</b> T26S / R30E / SEC 36 / LOT 3 / 32.0007189 / -103.837378	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 212H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM138850	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001546854	<b>Well Status:</b> Drilling Well	<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.

<b>Operator Electronic Signature:</b> BILL RAMSEY	<b>Signed on:</b> SEP 09, 2021 08:19 AM
<b>Name:</b> TAP ROCK OPERATING LLC	
<b>Title:</b> Regulatory Analyst	
<b>Street Address:</b> 523 PARK POINT DRIVE SUITE 200	
<b>City:</b> GOLDEN	<b>State:</b> CO
<b>Phone:</b> (720) 360-4028	
<b>Email address:</b> BRAMSEY@TAPRK.COM	

Field Representative

<b>Representative Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

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> 09/27/2021
<b>Signature:</b> Chris Walls	

**NAILED IT FED COM 212H**

Section	Hole Size	Casing Size	Standard	Tapered	Top MD	Bottom MD	Top TVD	BTM TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	13 3/8	API	No	0	908	0	908	J-55	54.5	BUTT	1.13	1.15	1.6
1st Intermediate	12 1/4	9 5/8	API	No	0	3690	0	3686	J-55	40	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	API	No	0	3390	0	3386	P-110	29.7	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	NON API	Yes	3390	10507	3386	10497	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	0	10307	0	10297	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	10307	15447	10297	11186	P-110	20	W-441	1.13	1.15	1.6

Section	Drilled Interval			Casing Size	Standard	Tapered	Casing Set Depths				Casing Details					
	Hole Size	Top	Btm				Top MD	Bottom MD	Top TVD	BTM TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	0	918	13 3/8	API	No	0	908	0	908	J-55	54.5	BUTT	1.13	1.15	1.6
Intermediate	9 7/8	918	8000	7 5/8	API	No	0	7700	0	7691	P-110	29.7	BUTT	1.13	1.15	1.6
	8 3/4	8000	10517	7 5/8	NON API	Yes	7700	10507	7691	10497	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	10517	15447	5 1/2	NON API	No	0	10307	0	10297	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4			5 1/2	NON API	No	10307	15447	10297	11186	P-110	20	W-441	1.13	1.15	1.6

**\*OPTION TO RUN 3 STRING OR 4 STRING DESIGN**

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	428	1.65	706	13.5	100%	C	5% NCI + LCM
	Tail	508	412	1.35	556	14.8	100%	C	5% NCI + LCM
1st Intermediate	Lead	0	700	2.18	1525	12.7	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	2952	287	1.33	381	14.8	65%	C	5% NaCl + LCM
2nd Intermediate	Lead	3390	289	2.87	830	11.5	35%	TXI	Fluid Loss + Dispersant + Retarder + LCM
	Tail	9507	87	1.56	136	13.2	35%	H	Fluid Loss + Dispersant + Retarder + LCM
Production	Tail	10007	446	1.71	763	14.2	25%	H	Fluid Loss + Dispersant + Retarder + LCM

Name		Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface		Lead	0	428	1.65	706	13.5	100%	C	5% NCI + LCM
		Tail	508	422	1.35	570	14.8	100%	C	5% NCI + LCM
Intermediate	Stage 1	Lead	0	1285	2.4	3085	11.5	65%	C	Fluid Loss + Dispersant + Retarder + LCM
		Tail	9507	106	1.56	166	13.2	65%	C	Fluid Loss + Dispersant + Retarder + LCM
	Stage 2	Primary	0	536	2.4	1286	11.5	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
		DVT	3640							
Production		Primary	10007	446	1.71	763	14.2	25%	H	Fluid Loss + Dispersant + Retarder + LCM

**\*OPTION TO RUN DV TOOL IF NECESSARY**

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	908	FW Spud Mud	8.30	28	NC
Intermediate	908	3690	Brine Water	10.00	30-32	NC
Intermediate 2	3690	10507	FW/Cut Brine	9.00	30-32	NC
Production	10507	15447	Oil Base Mud	11.50	50-70	<10

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	908	FW Gel	8.30	28	NC
Intermediate	908	10517	Brine Water	10.00	30-32	NC
Production	10517	15447	Oil Base Mud	11.50	50-70	<10



## 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 52230

**CONDITIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 52230
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
jagarcia	None	10/6/2021