

Well Name: CYPRESS 33 FED COM	Well Location: T23S / R29E / SEC 28 / SESE / 32.2687271 / -103.9846818	County or Parish/State: EDDY / NM
Well Number: 236H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM136211	Unit or CA Name:	Unit or CA Number:
US Well Number:	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: 02/09/2021	Time Sundry Submitted: 09:16
Date proposed operation will begin: 02/09/2021	

Procedure Description: Tap Rock Operating, LLC is requesting permission to alter the drilling plan for the attached 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 Second intermediate casing. Tap Rock would also like to alter the production casing from 5.5 inch 20 lb P110 TXP by 5-inch 18 lb P110 W521 to 5.5-inch 20 lb P110 TXP by 5.5-inch 20 lb P110 W441. Casing Specs for each request have been attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Cypress_33_Fed_Com_Sundry_List_Ext_20210209091556.pdf

Well Name: CYPRESS 33 FED COM	Well Location: T23S / R29E / SEC 28 / SESE / 32.2687271 / -103.9846818	County or Parish/State: EDDY / NM
Well Number: 236H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM136211	Unit or CA Name:	Unit or CA Number:
US Well Number:	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 09, 2021 09:16 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: 02/22/2021
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 from 5.5 inch 20 lb P110 TXP by 5-inch 18 lb P110 W521 to 5.5-inch 20 lb P110 TXP by 5.5-inch 20 lb P110 W441. Casing Specs have been attached.

Well Name:

Cypress 33 Fed Com 206H API: 30-015-47861 SHL: 14 FSL, 1444 FEL, Sec 28, T 23S, R 29E 32.2686340, -103.9858640	Cypress 33 Fed Com 232H API: 30-015-47868 SHL: 250 FNL, 1259 FWL, Sec 33, T 23S, R 29E 32.2678964, -103.9943262
Cypress 33 Fed Com 208H API: 30-015-47846 SHL: 23 FSL, 974 FEL, Sec 28, T 23S, R 29E 32.2686574, -103.9843423	Cypress 33 Fed Com 233H API: 30-015-47856 SHL: 14 FSL, 1364 FEL, Sec 28, T 23S, R 29E 32.2686333, -103.9856052
Cypress 33 Fed Com 211H API: 30-015-47878 SHL: 220 FNL, 446 FWL, Sec 33, T 23S, R 29E 32.2679716, -103.9969571	Cypress 33 Fed Com 234H API: 30-015-47881 SHL: 23 FSL, 1054 FEL, Sec 28, T 23S, R 29E 32.2686581, -103.9846012
Cypress 33 Fed Com 212H API: 30-015-47858 SHL: 226 FNL, 1339 FWL, Sec 33, T 23S, R 29E 32.2679644, -103.9940671	Cypress 33 Fed Com 235H API: 30-015-47864 SHL: 225 FNL, 1234 FWL, Sec 33, T 23S, R 29E 32.2679653, -103.9944069
Cypress 33 Fed Com 213H API: 30-015-47860 SHL: 11 FNL, 1444 FEL, Sec 33, T 23S, R 29E 32.2685653, -103.9858642	Cypress 33 Fed Com 236H API: 30-015-47859 SHL: 49 FSL, 1079 FEL, Sec 28, T 23S, R 29E 32.2687271, -103.9846818
Cypress 33 Fed Com 214H API: 30-015-47845 SHL: 48 FSL, 974 FEL, Sec 28, T 23S, R 29E 32.2687261, -103.9843421	Cypress 33 Fed Com 241H API: 30-015-47870 SHL: 220 FNL, 341 FWL, Sec 33, T 23S, R 29E 32.2679725, -103.9972968
Cypress 33 Fed Com 231H API: 30-015-47871 SHL: 220 FNL, 366 FWL, Sec 33, T 23S, R 29E 32.2679723, -103.9972160	Cypress 33 Fed Com 242H API: 30-015-47863 SHL: 225 FNL, 1259 FWL, Sec 33, T 23S, R 29E 32.2679651, -103.9943260

Well Name Cont.

Cypress 33 Fed Com 243H API: 30-015-47862 SHL: 11 FNL, 1364 FEL, Sec 33, T 23S, R 29E 32.2685646, -103.9856054	Cypress 33 Fed Com 245H API: 30-015-47869 SHL: 245 FNL, 366 FWL, Sec 33, T 23S, R 29E 32.2679035, -103.9972162
Cypress 33 Fed Com 244H API: 30-015-47844 SHL: 48 FSL, 1054 FEL, Sec 28, T 23S, R 29E 32.2687268, -103.9846009	Cypress 33 Fed Com 246H API: 30-015-47857 SHL: 11 FNL, 1339 FEL, Sec 33, T 23S, R 29E 32.2685643, -103.9855245



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.



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 18683

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	372043	18683	C-103A
523 Park Point Drive			

OCD Reviewer	Condition
jagarcia	None