

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
HIGH LIFE FED	213H	3001554531	NMNM91507	NMNM91507	TAP ROCK
HIGH LIFE FED	202H	3001554526	NMNM91507	NMNM91507	TAP ROCK
HIGH LIFE FED	204H	3001554529	NMNM91507	NMNM91507	TAP ROCK

Notice of Intent

Sundry ID: 2821330

Type of Submission: Notice of Intent

Date Sundry Submitted: 11/07/2024

Date proposed operation will begin: 12/04/2024

Type of Action: APD Change

Time Sundry Submitted: 09:37

Procedure Description: Tap Rock would like to alter the production casing for the three wells listed from the previously approved 6 inch 24.5 lb P-110 to a 5.5 inch 20 lb P-110 production casing. Attached are updated casing tables, updated cement tables, and the casing spec sheet for each well. No other changes are being made to the wells listed.

NOI Attachments

Procedure Description

- High_Life_Fed_Com_Casing_Change_Sundry_20241106_20241107093627.pdf
- 5.5_20_P110_TXP_20241107093559.pdf

Operator

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

Operator Electronic Signature: BILL RAMSEY

Signed on: NOV 07, 2024 09:36 AM

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 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: 11/22/2024

Signature: Chris Walls

5.5", 20#, P-110, TXP connection (modified buttress connection that provides a torque rating of nearly 24000ft-lbs)

TXP® BTC

SHARE

EXPORT DATA

PRINT

Outside Diameter5.500 in.

Min. Wall Thickness87.5%

DriftAPI Standard

TypeCasing

GradeP110

Connection OD OptionREGULAR

Clear Filters

Compare

Request Info

CONNECTION INFORMATION

> Blanking Dimensions

> Connection's Page

> Brochure

> Datasheet Manual

PIPE BODY DATA

GEOMETRY

Nominal OD	5.500 in.	Nominal Weight	20 lbs/ft	Drift	4.653 in.
Nominal ID	4.778 in.	Wall Thickness	0.361 in.	Plain End Weight	19.83 lbs/ft
OD Tolerance	API				

PERFORMANCE

Body Yield Strength	641 x1000 lbs	Internal Yield	12640 psi	SMYS	110000 psi
Collapse	11100 psi				

CONNECTION DATA

GEOMETRY

Connection OD	6.100 in.	Coupling Length	9.450 in.	Connection ID	4.766 in.
Make-up Loss	4.204 in.	Threads per in	5	Connection OD Option	REGULAR

PERFORMANCE

Tension Efficiency	100.0 %	Joint Yield Strength	641.000 x1000 lbs	Internal Pressure Capacity ^[1]	12640.000 psi
Compression Efficiency	100 %	Compression Strength	641.000 x1000 lbs	Max. Allowable Bending	92 °/100 ft
External Pressure Capacity	11100.000 psi				

MAKE-UP TORQUES

Minimum	11270 ft-lbs	Optimum	12520 ft-lbs	Maximum	13770 ft-lbs
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OPERATION LIMIT TORQUES

Operating Torque	21500 ft-lbs	Yield Torque	23900 ft-lbs		
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High Life Fed Com #202H

API# 30-015-54526

Casing Table

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	14 3/4	0	350	11 3/4	API	No	0	350	0	350	J-55	42	BUTT	1.13	1.15	1.6
Intermediate	11	350	1,513	8 5/8	API	No	0	1,513	0	1,513	J-55	32	BUTT	1.13	1.15	1.6
Production	7 7/8	1,513	23,803	5 1/2	NON API	No	0	23,803	0	8,530	P-110	20	TXP	1.13	1.15	1.6

Cement Table

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Tail	0	366	1.33	486	14.8	100%	C	5% NCI + LCM
Intermediate	Lead	0	144	2.7	388	11.0	75%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	1013	124	1.33	165	14.8	30%	C	5% NaCl + LCM
Production	Lead	1313	391	3.35	1311	10.5	20%	C	Fluid Loss + Dispersant + Retarder + LCM
	Tail	7638	2847	1.63	4641	13.2	20%	H	Fluid Loss + Dispersant + Retarder + LCM

High Life Fed Com #204H

API# 30-015-54529

Casing Table

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	14 3/4	0	350	11 3/4	API	No	0	350	0	350	J-55	42	BUTT	1.13	1.15	1.6
Intermediate	11	350	1,499	8 5/8	API	No	0	1,499	0	1,495	J-55	32	BUTT	1.13	1.15	1.6
Production	7 7/8	1,499	23,834	5 1/2	NON API	No	0	23,834	0	8,538	P-110	20	TXP	1.13	1.15	1.6

Cement Table

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Tail	0	366	1.33	486	14.8	100%	C	5% NCI + LCM
Intermediate	Lead	0	141	2.7	381	11.0	75%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	999	124	1.33	165	14.8	30%	C	5% NaCl + LCM
Production	Lead	1299	394	3.35	1320	10.5	20%	C	Fluid Loss + Dispersant + Retarder + LCM
	Tail	7669	2853	1.63	4650	13.2	20%	H	Fluid Loss + Dispersant + Retarder + LCM

High Life Fed Com #213H

API# 30-015-54531

Casing Table

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	14 3/4	0	350	11 3/4	API	No	0	350	0	350	J-55	42	BUTT	1.13	1.15	1.6
Intermediate	11	350	1,499	8 5/8	API	No	0	1,499	0	1,495	J-55	32	BUTT	1.13	1.15	1.6
Production	7 7/8	1,499	23,870	5 1/2	NON API	No	0	23,870	0	8,589	P-110	20	TXP	1.13	1.15	1.6

Cement Table

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Tail	0	366	1.33	486	14.8	100%	C	5% NCI + LCM
Intermediate	Lead	0	141	2.7	381	11.0	75%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	999	124	1.33	165	14.8	30%	C	5% NaCl + LCM
Production	Lead	1299	399	3.35	1337	10.5	20%	C	Fluid Loss + Dispersant + Retarder + LCM
	Tail	7752	2858	1.63	4658	13.2	20%	H	Fluid Loss + Dispersant + Retarder + LCM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 406171

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 406171
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	12/6/2024