

Well Name: NAILED IT FED COM	Well Location: T26S / R30E / SEC 36 / LOT 4 / 32.0009915 / -103.8423323	County or Parish/State: EDDY / NM
Well Number: 215H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138850	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546857	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 Other
Date Sundry Submitted: 04/12/2021	Time Sundry Submitted: 12:33
Date proposed operation will begin: 04/12/2021	

Procedure Description: Tap Rock would like to alter the casing plan for the Nailed it Fed Com 215H. 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 10517 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

- Nailed_It_215_Casing_Table_20210311_20210412123326.pdf
- 7.625_29.7_P110ICY_W441_20210311153637_20210412123326.pdf

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LOT 4 / 32.0009915 / -103.8423323

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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 12:33 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: 04/30/2021

Signature: Chris Walls

NAILED IT FED COM 215H

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	897	0	897	J-55	54.5	BUTT	1.13	1.15	1.6
1st Intermediate	12 1/4	9 5/8	API	No	0	3687	0	3675	J-55	40	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	API	No	0	3387	0	3375	P-110	29.7	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	NON API	Yes	3387	10517	3375	10477	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	0	10317	0	10277	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4	5	NON API	No	10317	15459	10277	11158	P-110	18	W-521	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	907	13 3/8	API	No	0	897	0	897	J-55	54.5	BUTT	1.13	1.15	1.6
Intermediate	9 7/8	907	8000	7 5/8	API	No	0	7700	0	7672	P-110	29.7	BUTT	1.13	1.15	1.6
	8 3/4	8000	10527	7 5/8	NON API	Yes	7700	10517	7672	10477	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	10527	15459	5 1/2	NON API	No	0	10317	0	10277	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4			5	NON API	No	10317	15459	10277	11158	P-110	18	W-521	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	419	1.65	691	13.5	100%	C	5% NCI + LCM
	Tail	497	412	1.35	556	14.8	100%	C	5% NCI + LCM
1st Intermediate	Lead	0	699	2.18	1524	12.7	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	2950	286	1.33	381	14.8	65%	C	5% NaCl + LCM
2nd Intermediate	Lead	3387	290	2.87	831	11.5	35%	TXI	Fluid Loss + Dispersant + Retarder + LCM
	Tail	9517	87	1.56	136	13.2	35%	H	Fluid Loss + Dispersant + Retarder + LCM
Production	Tail	10017	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	419	1.65	691	13.5	100%	C	5% NCI + LCM
		Tail	497	422	1.35	570	14.8	100%	C	5% NCI + LCM
Intermediate	Stage 1	Lead	0	1286	2.4	3087	11.5	65%	C	Fluid Loss + Dispersant + Retarder + LCM
		Tail	9517	106	1.56	166	13.2	65%	C	Fluid Loss + Dispersant + Retarder + LCM
	Stage 2	Primary	0	535	2.4	1285	11.5	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	DVT	3637								
Production		Primary	10017	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	897	FW Spud Mud	8.30	28	NC
Intermediate	897	3687	Brine Water	10.00	30-32	NC
Intermediate 2	3687	10517	FW/Cut Brine	9.00	30-32	NC
Production	10517	15459	Oil Base Mud	11.50	50-70	<10

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	897	FW Gel	8.30	28	NC
Intermediate	897	10527	Brine Water	10.00	30-32	NC
Production	10527	15459	Oil Base Mud	11.50	50-70	<10

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

COMMENTS

Action 26747

COMMENTS

Operator: TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401		523 Park Point Drive	OGRID: 372043	Action Number: 26747	Action Type: C-103A
Created By	Comment			Comment Date	
kpickford	KP GEO Review 5/5/2021			05/05/2021	

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CONDITIONS

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CONDITIONS OF APPROVAL

Operator: TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401		523 Park Point Drive	OGRID: 372043	Action Number: 26747	Action Type: C-103A
OCD Reviewer kpickford	Condition Adhere to previous NMOCD Conditions of Approval				