

|                              |                                                                         |                                   |
|------------------------------|-------------------------------------------------------------------------|-----------------------------------|
| Well Name: NAILED IT FED COM | Well Location: T26S / R30E / SEC 36 / LOT 3 / 32.0007189 / -103.8372974 | County or Parish/State: EDDY / NM |
| Well Number: 217H            | Type of Well: CONVENTIONAL GAS WELL                                     | Allottee or Tribe Name:           |
| Lease Number: NMNM138850     | Unit or CA Name:                                                        | Unit or CA Number:                |
| US Well Number: 3001546889   | 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: 12:37 |
| 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 217H. 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 10521 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\_217\_Casing\_Table\_20210311\_20210412123644.pdf
- 7.625\_29.7\_P110ICY\_W441\_20210311153757\_20210412123643.pdf

|                                     |                                                                                |                                          |
|-------------------------------------|--------------------------------------------------------------------------------|------------------------------------------|
| <b>Well Name:</b> NAILED IT FED COM | <b>Well Location:</b> T26S / R30E / SEC 36 / LOT 3 / 32.0007189 / -103.8372974 | <b>County or Parish/State:</b> EDDY / NM |
| <b>Well Number:</b> 217H            | <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> 3001546889   | <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.

|                                                       |                                         |
|-------------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> BILL RAMSEY     | <b>Signed on:</b> APR 12, 2021 12:37 PM |
| <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> 04/30/2021          |
| <b>Signature:</b> Chris Walls          |                                              |

**NAILED IT FED COM 217H**

| 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      | 3692      | 0       | 3686    | J-55  | 40     | BUTT   | 1.13     | 1.15  | 1.6     |
| 2nd Intermediate | 8 3/4     | 7 5/8       | API      | No      | 0      | 3392      | 0       | 3386    | P-110 | 29.7   | BUTT   | 1.13     | 1.15  | 1.6     |
| 2nd Intermediate | 8 3/4     | 7 5/8       | NON API  | Yes     | 3392   | 10521     | 3386    | 10507   | P-110 | 29.7   | W-441  | 1.13     | 1.15  | 1.6     |
| Production       | 6 3/4     | 5 1/2       | NON API  | No      | 0      | 10321     | 0       | 10307   | P-110 | 20     | TXP    | 1.13     | 1.15  | 1.6     |
| Production       | 6 3/4     | 5           | NON API  | No      | 10321  | 15459     | 10307   | 11196   | 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     | 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       | 7686    | P-110          | 29.7   | BUTT   | 1.13     | 1.15  | 1.6     |
|              | 8 3/4            | 8000  | 10531 | 7 5/8       | NON API  | Yes     | 7700              | 10521     | 7686    | 10507   | P-110          | 29.7   | W-441  | 1.13     | 1.15  | 1.6     |
| Production   | 6 3/4            | 10531 | 15459 | 5 1/2       | NON API  | No      | 0                 | 10321     | 0       | 10307   | P-110          | 20     | TXP    | 1.13     | 1.15  | 1.6     |
| Production   | 6 3/4            |       |       | 5           | NON API  | No      | 10321             | 15459     | 10307   | 11196   | 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      | 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  | 1526   | 12.7   | 65%    | C      | Bentonite + 1% CaCL2 + 8% NaCl + LCM     |
|                  | Tail | 2953   | 287   | 1.33  | 382    | 14.8   | 65%    | C      | 5% NaCl + LCM                            |
| 2nd Intermediate | Lead | 3392   | 290   | 2.87  | 831    | 11.5   | 35%    | TXI    | Fluid Loss + Dispersant + Retarder + LCM |
|                  | Tail | 9521   | 87    | 1.56  | 136    | 13.2   | 35%    | H      | Fluid Loss + Dispersant + Retarder + LCM |
| Production       | Tail | 10021  | 446   | 1.71  | 762    | 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     | 1286  | 2.4    | 3087   | 11.5   | 65%    | C                                        | Fluid Loss + Dispersant + Retarder + LCM |
|              |         | Tail    | 9521  | 106   | 1.56   | 166    | 13.2   | 65%    | C                                        | Fluid Loss + Dispersant + Retarder + LCM |
|              | Stage 2 | Primary | 0     | 536   | 2.4    | 1287   | 11.5   | 65%    | C                                        | Bentonite + 1% CaCL2 + 8% NaCl + LCM     |
|              |         | DVT     | 3642  |       |        |        |        |        |                                          |                                          |
| Production   | Primary | 10021   | 446   | 1.71  | 762    | 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   | 3692   | Brine Water  | 10.00      | 30-32 | NC         |
| Intermediate 2 | 3692  | 10521  | FW/Cut Brine | 9.00       | 30-32 | NC         |
| Production     | 10521 | 15459  | 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   | 10531  | Brine Water  | 10.00      | 30-32 | NC         |
| Production   | 10531 | 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 26748

## COMMENTS

|                                                                                  |                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>TAP ROCK OPERATING, LLC<br>523 Park Point Drive<br>Golden, CO 80401 | OGRID:<br>372043                                     |
|                                                                                  | Action Number:<br>26748                              |
|                                                                                  | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

## COMMENTS

| Created By | Comment                | Comment Date |
|------------|------------------------|--------------|
| kpickford  | KP GEO Review 5/5/2021 | 5/5/2021     |

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 26748

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|                                                                                  |                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>TAP ROCK OPERATING, LLC<br>523 Park Point Drive<br>Golden, CO 80401 | OGRID:<br>372043                                     |
|                                                                                  | Action Number:<br>26748                              |
|                                                                                  | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

**CONDITIONS**

| Created By | Condition                                       | Condition Date |
|------------|-------------------------------------------------|----------------|
| kpickford  | Adhere to previous NMOCD Conditions of Approval | 5/5/2021       |