



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

# Well Completion Print

09/18/2023

|   |                                     |                             |  |
|---|-------------------------------------|-----------------------------|--|
| <b>Operator Name</b> TAP ROCK OPERATING LLC | <b>Well Name</b> CYPRESS 34 FEDERAL | <b>Well Number</b> 241H     | <b>US Well Number</b> 3001547263             |
| <b>SHL</b> NWNW Sec 34 23S 29E              | <b>County</b> EDDY                  | <b>State</b> NM             | <b>Lease Number(s)</b> NMNM086024, NMNM86024 |
| <b>Well Type</b> CONVENTIONAL GAS WELL      | <b>Well Status</b> Drilling Well    | <b>Agreement Name</b>       | <b>Agreement Number(s)</b>                   |
| <b>Allottee/Tribe Name</b>                  | <b>Well Pad Name</b> Cypress 34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                        |

## Section 1 - General

**Well Completion Report Id:** 77849**Submission Date:** 07-12-2021**BLM Office:** Carlsbad Field Office**User:** BILL RAMSEY**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM086024**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** NO**APD Operator:** TAP ROCK OPERATING LLC

## Section 2 - Well

**Field/Pool or Exploratory:****Pool Name:** Wolfcamp**Field Name:** Purple Sage**Well Type:** CONVENTIONAL GAS**Spud Date:** 03-08-2021**Date Total Measured Depth Reached:** 04-06-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

|  |  |                             |   |
|--|--|-----------------------------|---|
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| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

### Section 3 - Geologic

| Formation Name    | Lithology           | Describe Lithology | Elevation | TVD   | MD    | Mineral Resources | Describe Mineral |
|-------------------|---------------------|--------------------|-----------|-------|-------|-------------------|------------------|
| QUATERNARY        | OTHER               | None               | 3048      | 0     | 0     | NONE              |                  |
| RUSTLER ANHYDRITE | ANHYDRITE           |                    | 2750      | 298   | 298   | OTHER             | Salt             |
| TOP SALT          | SALT                |                    | 2691      | 357   | 357   | OTHER             | Salt             |
| BASE OF SALT      | SALT                |                    | 302       | 2746  | 2746  | OTHER             | Salt             |
| LAMAR             | LIMESTONE           |                    | 66        | 2982  | 2982  | NONE              |                  |
| BELL CANYON       | SANDSTONE           |                    | 34        | 3014  | 3014  | NATURAL GAS, OIL  |                  |
| CHERRY CANYON     | SANDSTONE           |                    | -928      | 3976  | 3976  | NATURAL GAS, OIL  |                  |
| BRUSHY CANYON     | SANDSTONE           |                    | -2108     | 5156  | 5167  | NATURAL GAS, OIL  |                  |
| BONE SPRING LIME  | LIMESTONE           |                    | -3774     | 6822  | 6834  | NATURAL GAS, OIL  |                  |
| AVALON SAND       | SANDSTONE           |                    | -4158     | 7206  | 7219  | NATURAL GAS, OIL  |                  |
| BONE SPRING 1ST   | SANDSTONE           |                    | -4736     | 7784  | 7798  | NATURAL GAS, OIL  |                  |
| BONE SPRING 2ND   | SANDSTONE           |                    | -5348     | 8396  | 8410  | NATURAL GAS, OIL  |                  |
| BONE SPRING 3RD   | SANDSTONE           |                    | -6677     | 9725  | 9740  | NATURAL GAS, OIL  |                  |
| WOLFCAMP          | SANDSTONE           |                    | -6952     | 10000 | 10016 | NATURAL GAS, OIL  |                  |
| WOLFCAMP          | OTHER,<br>SANDSTONE | A Lower            | -7146     | 10194 | 10210 | NATURAL GAS, OIL  |                  |

|  |  |                             |   |
|--|--|-----------------------------|---|
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| <b>SHL</b> NWNW Sec 34 23S<br>29E              | <b>County</b> EDDY                     | <b>State</b> NM             | <b>Lease Number(s)</b><br>NMNM086024, NMNM86024 |
| <b>Well Type</b><br>CONVENTIONAL GAS<br>WELL   | <b>Well Status</b> Drilling Well       | <b>Agreement Name</b>       | <b>Agreement Number(s)</b>                      |
| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

### Section 3 - Geologic

| Formation Name | Lithology           | Describe Lithology | Elevation | TVD   | MD    | Mineral Resources | Describe Mineral |
|----------------|---------------------|--------------------|-----------|-------|-------|-------------------|------------------|
| WOLFCAMP       | OTHER,<br>SANDSTONE | B                  | -7460     | 10508 | 10526 | NATURAL GAS, OIL  |                  |

### Completion and Completed

#### Completion Data

| Wellbore Code | Completion Code | Interval Number | Case Number | Lease Number | Well Completion Type | Describe Well Completion Type | Completion Status | Date Completed | Date First Produced | Formation | Interval Top (MD) | Interval Bottom (MD) | Interval Perforated? | Perforation Size | Number of Holes | Status of Interval |
|---------------|-----------------|-----------------|-------------|--------------|----------------------|-------------------------------|-------------------|----------------|---------------------|-----------|-------------------|----------------------|----------------------|------------------|-----------------|--------------------|
| 00            | S1              | 1               | NMNM86024   | NMNM86024    | NEW                  |                               | PGW               | 05-27-2021     | 06-04-2021          | WOLFCA MP | 10994             | 15834                | Y                    | .41              | 510             | OPEN               |

#### Treatment Data

| Wellbore Code | Completion Code | Interval Number | Interval Treated? | Treatment Type | Totle Fluid (bbbs) | Total Proppant (lbs) | Treatment Remarks                                 |
|---------------|-----------------|-----------------|-------------------|----------------|--------------------|----------------------|---|
| 00            | S1              | 1               | Y                 | ACID FRAC      | 206786             |                      | 17 stage frac with 9,417,610 lbs of 100 mesh sand |

|  |  |                             |   |
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| <b>Well Type</b><br>CONVENTIONAL GAS<br>WELL   | <b>Well Status</b> Drilling Well       | <b>Agreement Name</b>       | <b>Agreement Number(s)</b>                      |
| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

Production Data

| Wellbore Code | Completion Code | Interval Number | API Oil Gravity | Gas Gravity | Production Method | Describe Production | Disposition of Gas | Describe Disposition |
|---------------|-----------------|-----------------|-----------------|-------------|-------------------|---------------------|--------------------|----------------------|
| 00            | S1              | 1               |                 |             | FLOWS FROM WELL   |                     | SOLD               |                      |

Test Data

| Wellbore Code | Completion Code | Interval Number | Test Date  | Hours Tested | 24-Hour Rate Oil (bbls) | 24-Hour Rate Gas (MCF) | 24-Hour Rate Water(BWPD) | Gas-Oil Ratio (SCF/Bbl) | Choke Size | Tubing Pressure | Tubing Pressure Shut-In (psi) | Casing Pressure (psi) |
|---------------|-----------------|-----------------|------------|--------------|-------------------------|------------------------|--------------------------|-------------------------|------------|-----------------|-------------------------------|-----------------------|
| 00            | S1              | 1               | 06/20/2021 | 24           | 1033                    | 6591                   | 3077                     | 6380                    | 35/64      | 0               | 0                             | 2400                  |

Well Location

|                                 |                               |                            |
|---------------------------------|-------------------------------|----------------------------|
| <b>Survey Type:</b> RECTANGULAR | <b>Survey Number:</b> 11401   |                            |
| <b>Datum:</b> NAD83             | <b>Vertical Datum:</b> NAVD88 | <b>Reference Datum:</b> GL |

| Aliquot/Lot/Tract | Section | Range | Township | EW-Indicator | EW-Foot | NS-Indicator | NS-Foot | Plug Type | Plug MD (ft) | Plug TVD (ft) | Lease Number | Lease Type | TVD (ft) | MD (ft) | Elevation (MSL) | Longitude | Latitude | County | Meridian | State |
|-------------------|---------|-------|----------|--------------|---------|--------------|---------|-----------|--------------|---------------|--------------|------------|----------|---------|-----------------|-----------|----------|--------|----------|-------|
|-------------------|---------|-------|----------|--------------|---------|--------------|---------|-----------|--------------|---------------|--------------|------------|----------|---------|-----------------|-----------|----------|--------|----------|-------|

|  |  |                             |   |
|--|--|-----------------------------|---|
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| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

|                   | State      | Meridian             | County | Latitude   | Longitude    | Elevation (MSL) | MD (ft) | TVD (ft) | Lease Type | Lease Number | Plug TVD (ft) | Plug MD (ft) | Plug Type | NS-Foot | NS-Indicator | EW-Foot | EW-Indicator | Township | Range | Section | Aliquot/Lot/Tract |
|-------------------|------------|----------------------|--------|------------|--------------|-----------------|---------|----------|------------|--------------|---------------|--------------|-----------|---------|--------------|---------|--------------|----------|-------|---------|-------------------|
| SHL               | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2677732 | -103.980447  | 3048            | N/A     | N/A      | FEDERAL    | NMNM086024   |               |              |           | 298     | FNL          | 226     | FWL          | 23S      | 29E   | 34      | NWNW              |
| KOP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2683167 | -103.9800152 | -7605           | 10670   | 10653    | FEDERAL    | NMNM086024   |               |              |           | 100     | FNL          | 362     | FWL          | 23S      | 29E   | 34      | NWNW              |
| PPP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2683167 | -103.9800152 | -7605           | 10670   | 10653    | FEDERAL    | NMNM086024   |               |              |           | 100     | FNL          | 362     | FWL          | 23S      | 29E   | 34      | NWNW              |
| EXIT Well bore 00 | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2543082 | -103.9800234 | -7931           | 15911   | 10979    | FEDERAL    | NMNM086024   |               |              |           | 100     | FSL          | 295     | FWL          | 23S      | 29E   | 34      | SWSW              |
| BHL Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2541235 | -103.9800188 | -7938           | 15980   | 10986    | FEDERAL    | NMNM086024   |               |              |           | 33      | FSL          | 296     | FWL          | 23S      | 29E   | 34      | SWSW              |

### Casing, Liner and Tubing

|  |  |                             |   |
|--|--|-----------------------------|---|
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| <b>Well Type</b><br>CONVENTIONAL GAS<br>WELL   | <b>Well Status</b> Drilling Well       | <b>Agreement Name</b>       | <b>Agreement Number(s)</b>                      |
| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

### Casing and Liner

| Wellbore Code | Casing String Type | Hole Size | Top Setting Depth (MD) | Bottom Setting Depth (MD) | Casing Size | Wt(lbs/ft) | Casing Grade | Describe Other Casing Grade | Joint | Other Joint | Amount Pulled (ft) |
|---------------|--------------------|-----------|------------------------|---------------------------|-------------|------------|--------------|-----------------------------|-------|-------------|--------------------|
| 00            | SURFACE            | 17.5      | 0                      | 385                       | 13.375      | 54.5       | J-55         |                             | BUTT  |             |                    |
| 00            | INTERMEDIATE       | 12.25     | 0                      | 3154                      | 9.625       | 40         | J-55         |                             | BUTT  |             |                    |
| 00            | PRODUCT ION        | 6.75      | 0                      | 10015                     | 5.5         | 20         | P-110        |                             | OTHER | TXP         |                    |
| 00            | INTERMEDIATE       | 8.75      | 0                      | 10270                     | 7.625       | 29.7       | P-110        |                             | OTHER | W-441       |                    |
| 00            | PRODUCT ION        | 6.75      | 10015                  | 15966                     | 5.0         | 18         | P-110        |                             | BUTT  | W-521       |                    |

### Cementing

| Wellbore Code | Casing String Type | Stage Tool Depth | Cement Lead Type | Cement Lead Qty (sks) | Cement Lead Yield (cu.ft/sks) | Cement Lead Top (MD) | Cement Tail Type | Cement Tail Qty (sks) | Cement Tail Yield(cu.ft/sks) | Cement Tail Top (MD) | Total (Lead + Tail) Cement Slurry Volume |
|---------------|--------------------|------------------|------------------|-----------------------|-------------------------------|----------------------|------------------|-----------------------|------------------------------|----------------------|--|
| 00            | SURFACE            |                  | None             | 0                     | 0                             | 0                    | Class C          | 525                   | 1.35                         | 0                    | 126.2                                    |
| 00            | INTERMEDIATE       |                  | Class C          | 648                   | 1.74                          | 0                    | Class C          | 604                   | 1.33                         | 2100                 | 343.9                                    |
| 00            | PRODUCT ION        |                  | None             | 0                     | 0                             | 0                    |                  |                       |                              |                      | 0  |
| 00            | INTERMEDIATE       |                  | Class C          | 632                   | 2.23                          | 0                    | Class C          | 154                   | 1.35                         | 9281                 | 288                                      |
| 00            | PRODUCT ION        |                  | None             | 0                     | 0                             | 0                    | Class C          | 539                   | 1.32                         | 9700                 | 126.7                                    |

|  |  |                             |   |
|--|--|-----------------------------|---|
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| <b>Allottee/Tribe Name</b>                     | <b>Well Pad Name</b> Cypress<br>34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                           |

Tubing

| Wellbore<br>Code | Tubing<br>Size | Describe<br>Other | Tubing<br>Setting Depth<br>(MD/ft) | Packer<br>Depth<br>(MD/ft) | Tubing<br>Weight | Tubing<br>Grade | Describe<br>Other | Tubing<br>Coupling | Describe<br>Other |
|------------------|----------------|-------------------|------------------------------------|----------------------------|------------------|-----------------|-------------------|--------------------|-------------------|
| 00               |                |                   |                                    |                            |                  |                 |                   |                    |                   |

Logs

| Wellbore Code | Log Upload | Was Well<br>Cored? | Was DST Run? | Directional<br>Survey? | Geologic Report | Wellbore<br>Diagram |
|---------------|------------|--------------------|--------------|------------------------|-----------------|---------------------|
| 00            | YES        | NO                 | NO           | YES                    | NO              | NO                  |

|   |                                     |                             |  |
|---|-------------------------------------|-----------------------------|--|
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| <b>Allottee/Tribe Name</b>                  | <b>Well Pad Name</b> Cypress 34     | <b>Well Pad Number</b> W2W2 | <b>ID</b> 10400055634                        |

### Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

**Name:** TAP ROCK OPERATING LLC

**Signed By:** BILL RAMSEY

**Title:** Regulatory Analyst

**Signed on:** 08/17/2023

**Street Address:** 523 PARK POINT DRIVE SUITE 200

**City:** GOLDEN

**State:** CO

**Zip:** 80401

**Phone:** (720)360-4028

**Email address:** BRAMSEY@TAPRK.COM

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

### Attachments

TAPROCK\_PERMIAN\_CYPRESS\_34\_FED\_COM\_241H\_CURVE\_AND\_LATERAL\_FINAL\_20210712111603.pdf

Cypress\_34\_Federal\_241H\_Final\_Surveys\_20210712111614.pdf

Cypress\_34\_Federal\_241H\_C\_102\_As\_Drilled\_20210519\_20210712111614.pdf

Reporting\_\_\_Schematic\_\_\_Wellhead\_and\_Christmas\_Tree\_\_\_2023\_03\_0\_20230306132927.pdf



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

General Information  
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 267414

**ACKNOWLEDGMENTS**

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                     |
|  | Action Number:<br>267414                            |
|  | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

**ACKNOWLEDGMENTS**

|                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.   |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.   |
| <input type="checkbox"/>            | I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |

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 267414

CONDITIONS

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                     |
|  | Action Number:<br>267414                            |
|  | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| plmartinez | None      | 2/12/2025      |