

|                                                                 |                                                                                                            |                      |                                                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024 |                                                       |
|                                                                 |                                                                                                            | Submittal<br>Type:   | <input checked="" type="checkbox"/> Initial Submittal |
|                                                                 |                                                                                                            |                      | <input type="checkbox"/> Amended Report               |
|                                                                 |                                                                                                            |                      | <input type="checkbox"/> As Drilled                   |

## WELL LOCATION INFORMATION

|                                                                                                                                                        |                                                |                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| API Number<br>30-015-57692                                                                                                                             | Pool Code<br>24720                             | Pool Name<br>Forty Niner Ridge; Bone Spring                                                                                                            |
| Property Code<br>336009                                                                                                                                | Property Name<br><b>THUNDERDOME FED COM</b>    | Well Number<br><b>523H</b>                                                                                                                             |
| OGRID No.<br><b>217817</b>                                                                                                                             | Operator Name<br><b>CONOCOPHILLIPS COMPANY</b> | Ground Level Elevation<br><b>3,260.19'</b>                                                                                                             |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |                                                | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |

## Surface Location

|                |                      |                        |                     |     |                                   |                                   |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>J</b> | Section<br><b>23</b> | Township<br><b>23S</b> | Range<br><b>30E</b> | Lot | Ft. from N/S<br><b>2,425' FSL</b> | Ft. from E/W<br><b>2,293' FEL</b> | Latitude<br><b>32.289871°</b> | Longitude<br><b>-103.850394°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------|

## Bottom Hole Location

|                |                      |                        |                     |     |                                |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|--------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>A</b> | Section<br><b>11</b> | Township<br><b>23S</b> | Range<br><b>30E</b> | Lot | Ft. from N/S<br><b>50' FNL</b> | Ft. from E/W<br><b>330' FEL</b> | Latitude<br><b>32.326636°</b> | Longitude<br><b>-103.844014°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|--------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

|                         |                                   |                                   |                                                                                                               |                           |
|-------------------------|-----------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------|
| Dedicated Acres<br>1600 | Infill or Defining Well<br>Infill | Defining Well API<br>Pending 504H | Overlapping Spacing Unit (Y/N)                                                                                | Consolidation Code<br>Com |
| Order Numbers.          |                                   |                                   | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                           |

## Kick Off Point (KOP)

|                |                      |                        |                     |     |                                   |                                   |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>J</b> | Section<br><b>23</b> | Township<br><b>23S</b> | Range<br><b>30E</b> | Lot | Ft. from N/S<br><b>2,425' FSL</b> | Ft. from E/W<br><b>2,293' FEL</b> | Latitude<br><b>32.289871°</b> | Longitude<br><b>-103.850394°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------|

## First Take Point (FTP)

|                |                      |                        |                     |     |                                   |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>H</b> | Section<br><b>23</b> | Township<br><b>23S</b> | Range<br><b>30E</b> | Lot | Ft. from N/S<br><b>2,540' FNL</b> | Ft. from E/W<br><b>330' FEL</b> | Latitude<br><b>32.290743°</b> | Longitude<br><b>-103.844044°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|-----------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

## Last Take Point (LTP)

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>A</b> | Section<br><b>11</b> | Township<br><b>23S</b> | Range<br><b>30E</b> | Lot | Ft. from N/S<br><b>100' FNL</b> | Ft. from E/W<br><b>330' FEL</b> | Latitude<br><b>32.326498°</b> | Longitude<br><b>-103.844014°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

|                                           |                                                                                                    |                         |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|

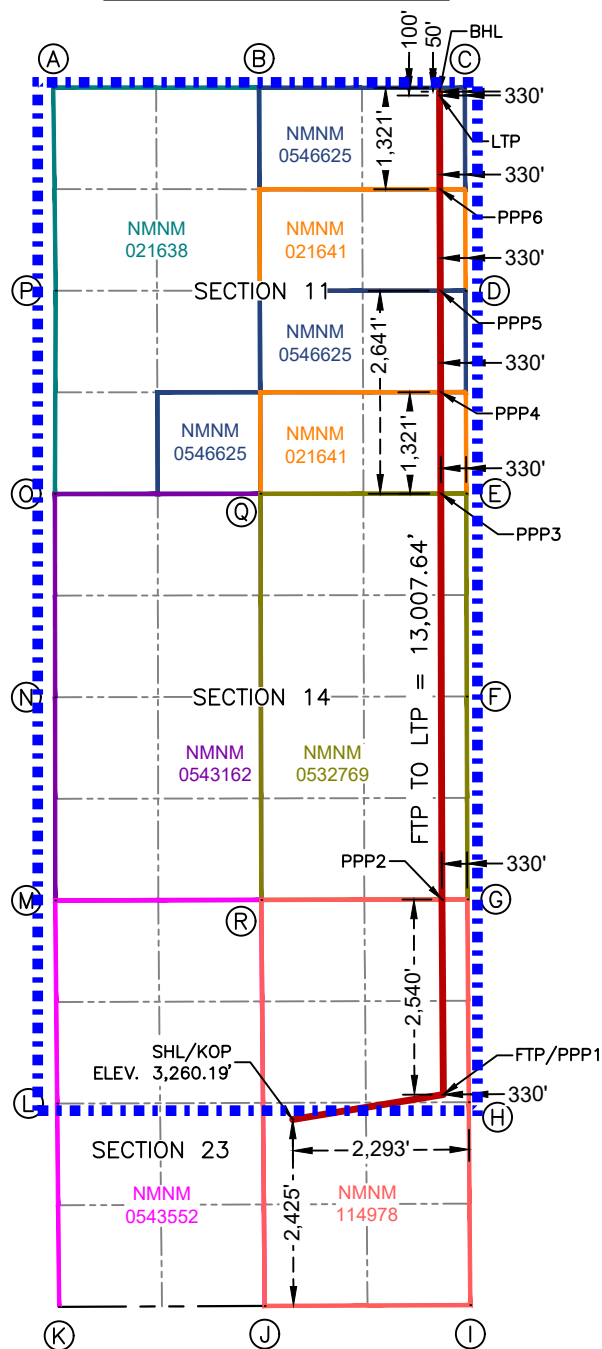
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                                    |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. |                   | <b>SURVEYOR CERTIFICATIONS</b><br><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br><br><br>Date: 2/24/2025 |                             |
| Signature<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date<br>9/17/2025 | Signature and Seal of Professional Surveyor                                                                                                                                                                                                                                                                                                                        |                             |
| Printed Name<br>Stan Wagner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Email Address     | Certificate Number<br>12177                                                                                                                                                                                                                                                                                                                                        | Date of Survey<br>2/24/2025 |

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

## ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

**THUNDERDOME FED COM 523H****SURFACE HOLE LOCATION  
& KICK-OFF POINT**

2,425' FSL & 2,293' FEL  
ELEV.=3,260.19'  
NAD 83 X = 690,570.85'  
NAD 83 Y = 469,523.91'  
NAD 83 LAT = 32.289871°  
NAD 83 LONG = -103.850394°

**PENETRATION POINT 5**  
2,641' FSL & 330' FEL

NAD 83 X = 692,493.23'  
NAD 83 Y = 480,315.21'  
NAD 83 LAT = 32.319510°  
NAD 83 LONG = -103.844014°

**FIRST TAKE POINT &  
PENETRATION POINT 1**  
2,540' FNL & 330' FEL

NAD 83 X = 692,531.56'  
NAD 83 Y = 469,849.93'  
NAD 83 LAT = 32.290743°  
NAD 83 LONG = -103.844044°

**PENETRATION POINT 6**  
1,321' FNL & 330' FEL

NAD 83 X = 692,487.04'  
NAD 83 Y = 481,636.33'  
NAD 83 LAT = 32.323142°  
NAD 83 LONG = -103.844014°

**PENETRATION POINT 2**  
0' FNL & 330' FEL

NAD 83 X = 692,514.23'  
NAD 83 Y = 472,389.89'  
NAD 83 LAT = 32.297725°  
NAD 83 LONG = -103.844063°

**LAST TAKE POINT**  
100' FNL & 330' FEL

NAD 83 X = 692,481.33'  
NAD 83 Y = 482,857.45'  
NAD 83 LAT = 32.326498°  
NAD 83 LONG = -103.844014°

**PENETRATION POINT 3**  
0' FNL & 330' FEL

NAD 83 X = 692,499.39'  
NAD 83 Y = 477,673.93'  
NAD 83 LAT = 32.312250°  
NAD 83 LONG = -103.844033°

**BOTTOM HOLE LOCATION**  
50' FNL & 330' FEL

NAD 83 X = 692,481.15'  
NAD 83 Y = 482,907.45'  
NAD 83 LAT = 32.326636°  
NAD 83 LONG = -103.844014°

**PENETRATION POINT 4**  
1,321' FSL & 330' FEL

NAD 83 X = 692,496.31'  
NAD 83 Y = 478,994.62'  
NAD 83 LAT = 32.315880°  
NAD 83 LONG = -103.844023°

**CORNER COORDINATES  
NEW MEXICO EAST - NAD 83**

|   |                                                  |   |                                                  |   |                                                    |   |                                                    |
|---|--------------------------------------------------|---|--------------------------------------------------|---|----------------------------------------------------|---|----------------------------------------------------|
| A | CALCULATED CORNER<br>N:482,961.73' E:687,453.38' | F | 1" MONUMENT<br>N:475,033.03' E:692,835.76'       | K | IRON ROD W/CAP<br>N:467,084.70' E:687,530.34'      | P | CALCULATED CORNER<br>N:480,315.52' E:687,485.82'   |
| B | IRON ROD W/CAP<br>N:482,959.45' E:690,132.18'    | G | IRON ROD W/CAP<br>N:472,390.77' E:692,844.23'    | L | IRON ROD W/CAP<br>N:469,732.12' E:687,504.28'      | Q | BENT IRON ROD W/CAP<br>N:477,671.15' E:690,152.19' |
| C | IRON ROD W/CAP<br>N:482,957.17' E:692,810.98'    | H | IRON ROD W/CAP<br>N:469,750.12' E:692,862.25'    | M | IRON ROD W/CAP<br>N:472,376.66' E:687,479.54'      | R | BENT IRON ROD W/CAP<br>N:472,383.64' E:690,161.18' |
| D | 1" MONUMENT<br>N:480,315.20' E:692,820.19'       | I | CALCULATED CORNER<br>N:467,108.30' E:692,881.70' | N | CALCULATED CORNER<br>N:475,022.92' E:687,477.28'   |   |                                                    |
| E | 1" MONUMENT<br>N:477,674.32' E:692,829.30'       | J | IRON ROD W/CAP<br>N:467,097.47' E:690,206.32'    | O | BENT IRON ROD W/CAP<br>N:477,669.34' E:687,475.07' |   |                                                    |

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

COMMENTS

Action 554388

COMMENTS

|                                                                                    |                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817                                     |
|                                                                                    | Action Number:<br>554388                             |
|                                                                                    | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

COMMENTS

| Created By       | Comment                                                                | Comment Date |
|------------------|------------------------------------------------------------------------|--------------|
| jeffrey.harrison | Pool correction for APD for 30-015-57692 THUNDERDOME FEDERAL COM #523H | 2/16/2026    |

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|------------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817                                     |
|                                                                                    | Action Number:<br>554388                             |
|                                                                                    | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By       | Condition                   | Condition Date |
|------------------|-----------------------------|----------------|
| jeffrey.harrison | Previous COA's still apply. | 2/16/2026      |