

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**

Form C-101  
August 1, 2011

Permit 399504

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                          |                                              |                               |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>Coterra Energy Operating Co.<br>6001 Deauville Blvd<br>Midland, TX 79706 |                                              | 2. OGRID Number<br>215099     |
|                                                                                                          |                                              | 3. API Number<br>30-025-55400 |
| 4. Property Code<br>336378                                                                               | 5. Property Name<br>TRES EQUIS 5 8 STATE COM | 6. Well No.<br>152H           |

**7. Surface Location**

|               |              |                 |              |              |                  |               |                   |               |               |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot Idn<br>3 | Feet From<br>327 | N/S Line<br>N | Feet From<br>1698 | E/W Line<br>W | County<br>Lea |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**8. Proposed Bottom Hole Location**

|               |              |                 |              |              |                  |               |                   |               |               |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>N | Section<br>8 | Township<br>24S | Range<br>33E | Lot Idn<br>N | Feet From<br>100 | N/S Line<br>S | Feet From<br>2310 | E/W Line<br>W | County<br>Lea |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**9. Pool Information**

|                            |       |
|----------------------------|-------|
| TRIPLE X;BONE SPRING, WEST | 96674 |
|----------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                         |                                    |
|---------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>3656 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>20479 | 18. Formation<br>1st Bone Spring Sand  | 19. Contractor          | 20. Spud Date<br>12/1/2025         |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 48               | 1372          | 843             | 0             |
| Int1 | 12.25     | 9.625       | 40               | 5115          | 1253            | 0             |
| Prod | 8.75      | 5.5         | 20               | 20479         | 3681            | 4915          |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular    | 5000             | 5000          |              |
| Double Ram | 10000            | 10000         |              |
| Pipe       | 10000            | 10000         |              |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <p>23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br/>I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.<br/><b>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.</b></p> <p>Signature:</p> | <p><b>OIL CONSERVATION DIVISION</b></p>                    |
| Printed Name: Electronically filed by Phillip Levasseur                                                                                                                                                                                                                                                                                                                                                                                                            | Approved By: Jeffrey Harrison                              |
| Title: Regulatory Compliance Manager                                                                                                                                                                                                                                                                                                                                                                                                                               | Title: Petroleum Specialist III                            |
| Email Address: phillip.levasseur@coterra.com                                                                                                                                                                                                                                                                                                                                                                                                                       | Approved Date: 10/31/2025      Expiration Date: 10/31/2027 |
| Date: 10/28/2025      Phone: 412-759-4585                                                                                                                                                                                                                                                                                                                                                                                                                          | Conditions of Approval Attached                            |

|                                                          |                                                                                                            |                                     |                      |                                                       |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------|-------------------------------------------------------|
| C-102<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><b>30-025-55400</b>                                                                                                                      | Pool Code 96674                               | Pool Name Triple X; Bone Spring, West                                                                                                                  |
| Property Code<br><b>336378</b>                                                                                                                         | Property Name<br>TRES EQUIS 5 8 STATE COM     | Well Number<br>152H                                                                                                                                    |
| OGRID No. 215099                                                                                                                                       | Operator Name<br>COTERRA ENERGY OPERATING CO. | Ground Level Elevation<br>3656.1'                                                                                                                      |
| Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                               | Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

**Surface Location**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>327 NORTH | Ft. from E/W<br>1698 WEST | Latitude (NAD 83)<br>32.253044° | Longitude (NAD 83)<br>-103.597394° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

**Bottom Hole Location**

|         |              |                 |              |     |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>N | Section<br>8 | Township<br>24S | Range<br>33E | Lot | Ft. from N/S<br>100 SOUTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.225203° | Longitude (NAD 83)<br>-103.595417° | County<br>LEA |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

|                                                      |                                   |                                                                                                               |                                     |                         |
|------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|
| Dedicated Acres<br>319.79                            | Infill or Defining Well<br>Infill | Defining Well API<br>30-025-53707                                                                             | Overlapping Spacing Unit (Y/N)<br>N | Consolidation Code<br>C |
| Order Numbers. Tres Equis 352H Com Agreement - NMSLO |                                   | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                     |                         |

**Kick Off Point (KOP)**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>100 NORTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.253666° | Longitude (NAD 83)<br>-103.595413° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

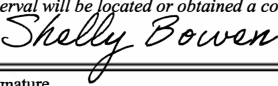
**First Take Point (FTP)**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>100 NORTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.253666° | Longitude (NAD 83)<br>-103.595413° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

**Last Take Point (LTP)**

|         |              |                 |              |     |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>N | Section<br>8 | Township<br>24S | Range<br>33E | Lot | Ft. from N/S<br>100 SOUTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.225203° | Longitude (NAD 83)<br>-103.595417° | County<br>LEA |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

|                                                |                                                                                                    |                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|
| Unitized Area or Area of Uniform Interest<br>Y | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: 3656.1 |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br><i>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.</i><br><br><i>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.</i><br><br>10/7/2025<br>Signature _____ Date _____<br>Shelly Bowen<br>Printed Name _____<br>shelly.bowen@coterra.com<br>Email Address _____ | <b>SURVEYOR CERTIFICATIONS</b><br><br><i>I hereby certify that the well location shown on this plat was plotted from the 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.</i><br><br><br>Signature and Seal of Professional Surveyor _____<br>23782 September 16, 2025<br>Certificate Number _____ Date of Survey _____ |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

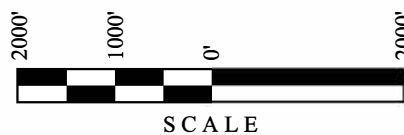
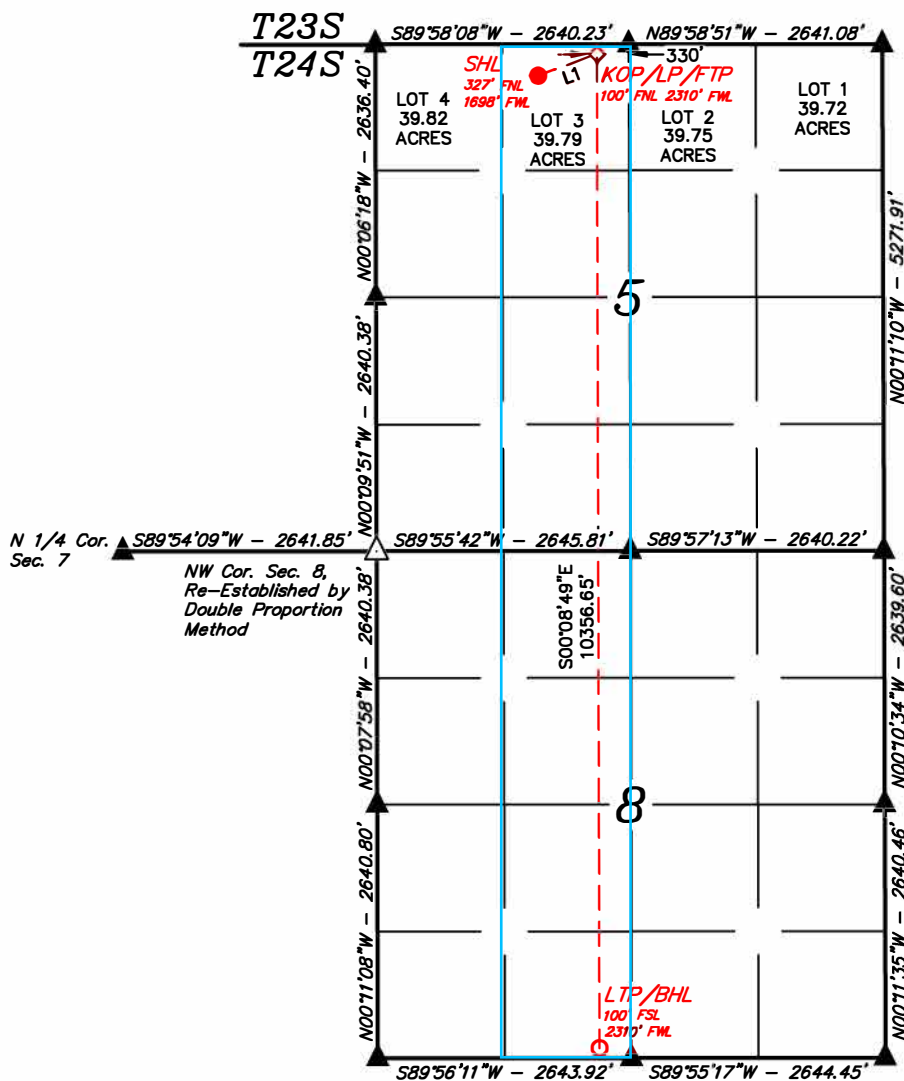
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                           |                     |                             |            |
|-------------------------------------------|---------------------|-----------------------------|------------|
| Property Name<br>TRES EQUIS 5 8 STATE COM | Well Number<br>152H | Drawn By<br>T.I.R. 09-25-25 | Revised By |
|-------------------------------------------|---------------------|-----------------------------|------------|

- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED.  
(Not Set on Ground.)

**NOTE:**

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)



| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | N69°35'13"E | 652.91' |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°15'10.96" (32.253044°)      |
| LONGITUDE = -103°35'50.62" (-103.597394°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°15'10.51" (32.252921°)      |
| LONGITUDE = -103°35'48.89" (-103.596914°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 456570.63' E: 768843.83'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 456511.54' E: 727660.06'               |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (KOP/LP/FTP)</b>                |
| LATITUDE = 32°15'13.20" (32.253666°)      |
| LONGITUDE = -103°35'43.49" (-103.595413°) |
| <b>NAD 27 (KOP/LP/FTP)</b>                |
| LATITUDE = 32°15'12.75" (32.253542°)      |
| LONGITUDE = -103°35'41.76" (-103.594933°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 456800.88' E: 769454.68'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 456741.78' E: 728270.92'               |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (LTP/BHL)</b>                   |
| LATITUDE = 32°13'30.73" (32.225203°)      |
| LONGITUDE = -103°35'43.50" (-103.595417°) |
| <b>NAD 27 (LTP/BHL)</b>                   |
| LATITUDE = 32°13'30.29" (32.225079°)      |
| LONGITUDE = -103°35'41.78" (-103.594938°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 446446.25' E: 769524.63'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 446387.42' E: 728340.41'               |

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

Form APD Comments  
Permit 399504

PERMIT COMMENTS

|                                                                                                                 |                         |                                         |
|-----------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------|
| Operator Name and Address:<br>Coterra Energy Operating Co. [215099]<br>6001 Deauville Blvd<br>Midland, TX 79706 |                         | API Number:<br>30-025-55400             |
|                                                                                                                 |                         | Well:<br>TRES EQUIS 5 8 STATE COM #152H |
| Created By                                                                                                      | Comment                 | Comment Date                            |
| jeffrey.harrison                                                                                                | Infill to 30-025-53707. | 10/31/2025                              |

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

Form APD Conditions

Permit 399504

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                                 |                                         |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Operator Name and Address:<br>Coterra Energy Operating Co. [215099]<br>6001 Deauville Blvd<br>Midland, TX 79706 | API Number:<br>30-025-55400             |
|                                                                                                                 | Well:<br>TRES EQUIS 5 8 STATE COM #152H |

| OCD Reviewer     | Condition                                                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| jeffrey.harrison | Cement is required to circulate on both surface and intermediate1 strings of casing.                                                                                                                                                                                  |
| jeffrey.harrison | If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.                                                                                                                                                            |
| jeffrey.harrison | A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.                                                                                                                                                                                                |
| jeffrey.harrison | Notify the OCD 24 hours prior to casing & cement.                                                                                                                                                                                                                     |
| jeffrey.harrison | File As Drilled C-102 and a directional Survey with C-104 completion packet.                                                                                                                                                                                          |
| jeffrey.harrison | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string. |
| jeffrey.harrison | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.                  |
| jeffrey.harrison | No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.                                                                                                      |
| jeffrey.harrison | All logs run on the well must be submitted to NMOCD.                                                                                                                                                                                                                  |



## Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25 Anti-Collision Summary Report

**Analysis Date-24hr Time:** October 23, 2025 - 02:53 PM ( UTC 0 )  
**Client:** COTERRA  
**Field:** NM Lea County (NAD 83)  
**Structure:** Coterra - Tres Equis 5-8 State Pad Lot 3  
**Slot:** Tres Equis 5-8 State Com 152H  
**Well:** Tres Equis 5-8 State Com 152H  
**Borehole:** Tres Equis 5-8 State Com 152H  
**Scan MD Range:** 0.00ft ~ 20479.05ft

**Analysis Method:** 3D Least Distance  
**Reference Trajectory:** Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25  
**Depth Interval:** Every 10.00 Measured Depth (ft)  
**Rule Set:** NAL Procedure: D&M AntiCollision Standard S002  
**Min Pts:** Absolute minima indicated.  
**Engine Version:** 2025.1.0.1  
**Database \ Project:** Tres Equis 5-8 State Com 152H-COTERRA

**Trajectory Error Model:** ISCWSA Rev 4 \*\*\* 3-D 95 % Confidence 2.7955 sigma

### Offset Trajectories Summary

#### Offset Selection Criteria

Bounding box scan: minimum Ct-Ct separation <= 2000ft  
 Definitive Surveys - Definitive Plans - Definitive surveys exclude definitive plans  
 Selection filters: - All Non-Def Surveys when no Def-Survey is set in a borehole - All Non-Def Plans when no Def-Plan is set in a borehole

26 out of 34 are selected

| Offset Trajectory | Separation |          |          | Allow<br>Dev. (ft) | Sep.<br>Fact. | Breaking<br>Rule | Reference Trajectory |          | Risk Level |       |       | Alert |
|-------------------|------------|----------|----------|--------------------|---------------|------------------|----------------------|----------|------------|-------|-------|-------|
|                   | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                    |               |                  | MD (ft)              | TVD (ft) | Alert      | Minor | Major |       |

Results highlighted in red: Sep-Factor <= 1.5

Result highlighted in boxed, red and bold: all local minima indicated.

30-025-40570 - EATA FAJITA STATE 2H - Gyro+MWD to 15410ft - A (DefinitiveSurvey) - **Fail Major**

|                |               |                |                |             |  |          |                 |                 |           |           |           |             |
|----------------|---------------|----------------|----------------|-------------|--|----------|-----------------|-----------------|-----------|-----------|-----------|-------------|
| 9822.52        | 32.81         | 9819.13        | 9789.71        | 6943.12     |  |          | 0.00            | 0.00            |           |           |           | Surface     |
| 9822.40        | 32.81         | 9819.01        | 9789.59        | 6942.32     |  |          | 23.00           | 23.00           |           |           |           | WRP         |
| <b>9821.84</b> | 32.81         | 9816.33        | <b>9789.04</b> | 2778.00     |  |          | 420.00          | 420.00          |           |           |           | MinPts      |
| 9822.96        | 32.81         | <b>9809.04</b> | 9790.15        | 823.01      |  |          | 1290.00         | 1290.00         |           |           |           | MinPt-EOU   |
| <b>9821.81</b> | 32.81         | 9804.45        | <b>9789.00</b> | 629.25      |  |          | 1640.00         | 1640.00         |           |           |           | MinPts      |
| 9822.09        | 32.81         | <b>9804.20</b> | 9789.28        | 608.72      |  |          | 1700.00         | 1699.98         |           |           |           | MinPt-EOU   |
| <b>913.97</b>  | 196.70        | 782.34         | 717.27         | 7.01        |  |          | 15660.00        | 10305.03        |           |           |           | MinPt-CtCt  |
| 913.98         | 196.85        | <b>782.24</b>  | 717.13         | 7.01        |  |          | 15670.00        | 10304.97        |           |           |           | MinPt-EOU   |
| 914.09         | 196.99        | 782.27         | <b>717.10</b>  | 7.00        |  |          | 15680.00        | 10304.90        |           |           |           | MinPt-ADP   |
| 914.31         | 197.12        | 782.40         | 717.20         | <b>7.00</b> |  |          | 15690.00        | 10304.84        |           |           |           | MinPt-SF    |
| <b>914.10</b>  | 196.43        | 782.64         | 717.67         | 7.02        |  |          | 15930.00        | 10303.35        |           |           |           | MinPt-CtCt  |
| 914.10         | 196.48        | <b>782.61</b>  | 717.62         | 7.02        |  |          | 15940.00        | 10303.28        |           |           |           | MinPt-EOU   |
| 914.13         | 196.52        | 782.62         | <b>717.61</b>  | 7.02        |  |          | 15950.00        | 10303.22        |           |           |           | MinPt-ADP   |
| 914.63         | 196.71        | 782.99         | 717.92         | <b>7.02</b> |  |          | 15990.00        | 10302.97        |           |           |           | MinPt-SF    |
| <b>915.35</b>  | 198.90        | 782.25         | 716.45         | 6.94        |  |          | 16550.00        | 10299.48        |           |           |           | MinPt-CtCt  |
| 915.40         | 199.08        | <b>782.18</b>  | 716.31         | 6.94        |  |          | 16570.00        | 10299.36        |           |           |           | MinPt-EOU   |
| 915.54         | 199.26        | 782.20         | <b>716.28</b>  | 6.93        |  |          | 16590.00        | 10299.23        |           |           |           | MinPt-ADP   |
| <b>911.07</b>  | 203.99        | 774.58         | 707.09         | 6.74        |  |          | 17190.00        | 10295.49        |           |           |           | MinPt-CtCt  |
| <b>910.87</b>  | 206.20        | 772.91         | 704.67         | 6.66        |  |          | 17420.00        | 10294.06        |           |           |           | MinPt-CtCt  |
| 911.01         | 206.61        | <b>772.77</b>  | 704.40         | 6.65        |  |          | 17460.00        | 10293.81        |           |           |           | MinPt-EOU   |
| 911.27         | 206.91        | 772.83         | <b>704.36</b>  | 6.64        |  |          | 17490.00        | 10293.63        |           |           |           | MinPt-ADP   |
| 912.53         | 208.60        | <b>772.96</b>  | 703.93         | 6.60        |  |          | 17660.00        | 10292.57        |           |           |           | MinPt-EOU   |
| <b>912.99</b>  | 209.90        | 772.56         | 703.09         | 6.56        |  |          | 17780.00        | 10291.82        |           |           |           | MinPt-CtCt  |
| 913.18         | 210.51        | <b>772.34</b>  | 702.67         | 6.54        |  |          | 17830.00        | 10291.51        |           |           |           | MinPt-EOU   |
| 913.50         | 210.88        | 772.41         | <b>702.62</b>  | 6.53        |  |          | 17860.00        | 10291.32        |           |           |           | MinPt-ADP   |
| 921.78         | 214.97        | <b>777.97</b>  | 706.81         | 6.47        |  |          | 18170.00        | 10289.39        |           |           |           | MinPt-EOU   |
| 922.27         | 215.54        | 778.07         | <b>706.73</b>  | 6.45        |  |          | 18210.00        | 10289.14        |           |           |           | MinPt-ADP   |
| <b>926.55</b>  | 221.00        | 778.72         | 705.56         | 6.32        |  |          | 18570.00        | 10286.90        |           |           |           | MinPt-CtCt  |
| <b>924.88</b>  | 227.56        | 772.67         | 697.31         | 6.13        |  |          | 18970.00        | 10284.40        |           |           |           | MinPt-CtCt  |
| <b>925.23</b>  | 229.82        | 771.52         | 695.41         | 6.07        |  |          | 19100.00        | 10283.59        |           |           |           | MinPt-CtCt  |
| 925.58         | 230.84        | <b>771.18</b>  | 694.74         | 6.04        |  |          | 19160.00        | 10283.22        |           |           |           | MinPt-EOU   |
| 926.00         | 231.35        | 771.27         | <b>694.65</b>  | 6.03        |  |          | 19190.00        | 10283.03        |           |           |           | MinPt-ADP   |
| 927.33         | 232.60        | 771.77         | 694.74         | <b>6.01</b> |  |          | 19260.00        | 10282.60        |           |           |           | MinPt-SF    |
| 566.06         | 172.45        | 450.60         | 393.61         | 4.95        |  | OSF 5.00 | 19640.00        | 10280.23        | OSF<=5.00 |           |           | Enter Alert |
| <b>230.65</b>  | <b>230.80</b> | <b>76.28</b>   | <b>-0.15</b>   | <b>1.50</b> |  | OSF 1.50 | <b>20030.00</b> | <b>10277.80</b> |           | OSF<=1.50 |           | Enter Minor |
| <b>179.28</b>  | <b>270.27</b> | <b>-1.40</b>   | <b>-90.99</b>  | <b>0.99</b> |  | OSF 1.00 | <b>20150.00</b> | <b>10277.05</b> |           |           | OSF<=1.00 | Enter Major |
| <b>177.11</b>  | <b>273.27</b> | <b>-5.57</b>   | <b>-96.16</b>  | <b>0.97</b> |  | OSF 1.00 | <b>20177.79</b> | <b>10276.88</b> |           |           |           | MinPt-CtCt  |
| 177.13         | <b>273.33</b> | <b>-5.59</b>   | <b>-96.20</b>  | <b>0.97</b> |  | OSF 1.00 | <b>20180.00</b> | <b>10276.86</b> |           |           |           | MinPts      |
| 180.02         | 271.42        | -1.43          | -91.40         | 0.99        |  | OSF 1.00 | <b>20210.00</b> | <b>10276.68</b> |           |           | OSF>1.00  | Exit Major  |
| <b>233.51</b>  | <b>235.99</b> | <b>75.68</b>   | <b>-2.48</b>   | <b>1.48</b> |  | OSF 1.50 | <b>20330.00</b> | <b>10275.93</b> |           | OSF>1.50  |           | Exit Minor  |
| 349.40         | 200.52        | 215.23         | 148.89         | 2.62        |  | OSF 5.00 | 20479.05        | 10275.00        |           |           |           | TD          |

Coterra Tres Equis 5-8 State Com 212H Rev0 kFc 23Oct25 (DefinitivePlan) - **Fail Minor**

|               |               |               |               |             |  |             |                |                |           |           |              |             |
|---------------|---------------|---------------|---------------|-------------|--|-------------|----------------|----------------|-----------|-----------|--------------|-------------|
| 20.00         | 16.40         | 16.71         | 3.60          | 9.36        |  | CtCt 15.00m | 0.00           | 0.00           |           |           | CtCt<=15.00m | Enter Alert |
| 20.00         | 16.40         | 16.71         | 3.60          | 9.36        |  | CtCt 15.00m | 23.00          | 23.00          |           |           |              | WRP         |
| 20.00         | 20.00         | <b>6.24</b>   | <b>0.01</b>   | <b>1.50</b> |  | OSF 5.00    | 1290.00        | 1290.00        |           |           |              | MinPts      |
| <b>20.00</b>  | <b>20.14</b>  | <b>6.25</b>   | <b>-0.14</b>  | <b>1.49</b> |  | OSF 1.50    | <b>1320.00</b> | <b>1320.00</b> |           | OSF<=1.50 |              | Enter Minor |
| <b>20.00</b>  | <b>24.31</b>  | <b>3.47</b>   | <b>-4.30</b>  | <b>1.22</b> |  | OSF 1.50    | <b>1600.00</b> | <b>1600.00</b> |           |           |              | MinPt-CtCt  |
| 20.14         | <b>24.75</b>  | <b>3.32</b>   | <b>-4.61</b>  | <b>1.21</b> |  | OSF 1.50    | <b>1630.00</b> | <b>1630.00</b> |           |           |              | MinPt-EOU   |
| <b>20.25</b>  | <b>24.90</b>  | <b>3.33</b>   | <b>-4.64</b>  | <b>1.21</b> |  | OSF 1.50    | <b>1640.00</b> | <b>1640.00</b> |           |           |              | MinPt-SF    |
| <b>20.40</b>  | <b>25.05</b>  | <b>3.37</b>   | <b>-4.65</b>  | <b>1.21</b> |  | OSF 1.50    | <b>1650.00</b> | <b>1650.00</b> |           |           |              | MinPt-ADP   |
| <b>27.17</b>  | <b>27.41</b>  | <b>8.57</b>   | <b>-0.24</b>  | <b>1.49</b> |  | OSF 1.50    | <b>1810.00</b> | <b>1809.81</b> |           | OSF>1.50  |              | Exit Minor  |
| 231.99        | 70.48         | 184.68        | 161.51        | 4.99        |  | OSF 5.00    | 4560.00        | 4527.26        | OSF>5.00  |           |              | Exit Alert  |
| 467.01        | 140.84        | 372.78        | 326.16        | 5.00        |  | OSF 5.00    | 9390.00        | 9338.10        | OSF<=5.00 |           |              | Enter Alert |
| <b>466.75</b> | <b>147.58</b> | <b>368.03</b> | <b>319.17</b> | <b>4.77</b> |  | OSF 5.00    | 9930.00        | 9876.84        |           |           |              | MinPt-CtCt  |
| 466.82        | <b>147.85</b> | <b>367.93</b> | <b>318.97</b> | <b>4.76</b> |  | OSF 5.00    | 9960.00        | 9905.81        |           |           |              | MinPt-EOU   |
| 466.97        | 148.03        | 367.95        | <b>318.94</b> | <b>4.75</b> |  | OSF 5.00    | 9980.00        | 9924.88        |           |           |              | MinPt-ADP   |
| 468.16        | 148.60        | 368.76        | 319.56        | <b>4.75</b> |  | OSF 5.00    | 10040.00       | 9980.65        |           |           |              | MinPt-SF    |
| 499.61        | 151.16        | 398.51        | 348.45        | <b>4.98</b> |  | OSF 5.00    | 10280.00       | 10172.03       | OSF>5.00  |           |              | Exit Alert  |
| 841.86        | 130.77        | 754.35        | 711.09        | <b>9.72</b> |  |             | 10940.00       | 10334.44       |           |           |              | MinPt-SF    |
| 889.20        | 267.70        | 710.41        | 621.51        | 5.00        |  | OSF 5.00    | 17370.00       | 10294.37       | OSF<=5.00 |           |              | Enter Alert |
| 895.90        | 359.19        | <b>656.11</b> | <b>536.70</b> | <b>3.75</b> |  | OSF 5.00    | 20479.05       | 10275.00       |           |           |              | MinPts      |

Coterra Tres Equis 5-8 State Com 302H Rev0 kFc 23Oct25 (DefinitivePlan) - **Warning Alert**

| Offset Trajectory                                                                                          | Separation |          |          | Allow Dev. (ft) | Sep. Fact. | Breaking Rule | Reference Trajectory |          | Risk Level   |           |            | Alert       |         |
|------------------------------------------------------------------------------------------------------------|------------|----------|----------|-----------------|------------|---------------|----------------------|----------|--------------|-----------|------------|-------------|---------|
|                                                                                                            | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                 |            |               | MD (ft)              | TVD (ft) | Alert        | Minor     | Major      |             |         |
|                                                                                                            | 39.99      | 32.39    | 36.70    | 7.60            | 19.35      | CtCt 15.00m   | 0.00                 | 0.00     | CtCt<=15.00m |           |            | Enter Alert |         |
|                                                                                                            | 39.99      | 32.39    | 36.70    | 7.60            | 19.35      | CtCt 15.00m   | 23.00                | 23.00    |              |           |            | WRP         |         |
|                                                                                                            | 39.99      | 32.39    | 26.23    | 7.60            | 3.10       | OSF 5.00      | 1290.00              | 1290.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 39.99      | 32.39    | 23.46    | 7.60            | 2.51       | OSF 5.00      | 1600.00              | 1600.00  |              |           |            | MinPts      |         |
|                                                                                                            | 40.13      | 32.39    | 23.31    | 7.74            | 2.47       | OSF 5.00      | 1630.00              | 1630.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 41.01      | 32.39    | 23.69    | 8.62            | 2.45       | OSF 5.00      | 1680.00              | 1679.99  |              |           |            | MinPt-SF    |         |
|                                                                                                            | 106.73     | 32.89    | 84.48    | 73.84           | 4.97       | OSF 5.00      | 2190.00              | 2186.43  |              | OSF>5.00  |            | Exit Alert  |         |
|                                                                                                            | 651.88     | 73.77    | 602.37   | 578.11          | 13.41      |               | 4840.00              | 4803.82  |              |           |            | MinPt-SF    |         |
|                                                                                                            | 852.54     | 147.87   | 753.64   | 704.67          | 8.70       |               | 9970.00              | 9915.37  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 852.62     | 148.18   | 753.51   | 704.44          | 8.68       |               | 10010.00             | 9953.05  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 852.69     | 148.26   | 753.52   | 704.42          | 8.67       |               | 10020.00             | 9962.32  |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 855.66     | 149.22   | 755.86   | 706.45          | 8.65       |               | 10140.00             | 10067.53 |              |           | MinPt-SF   |             |         |
|                                                                                                            | 1355.06    | 119.07   | 1275.35  | 1235.99         | 17.20      |               | 11360.00             | 10331.82 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 1379.93    | 355.40   | 1142.67  | 1024.53         | 5.84       |               | 20479.05             | 10275.00 |              |           | MinPts     |             |         |
| Coterra Tres Equis 5-8 State Com 151H Rev0 kFc 23Oct25 (DefinitivePlan) - Warning Alert                    |            |          |          |                 |            |               |                      |          |              |           |            |             |         |
|                                                                                                            | 59.99      | 32.81    | 56.71    | 27.18           | 29.35      |               | 0.00                 | 0.00     | OSF<=5.00    |           |            | Surface     |         |
|                                                                                                            | 59.99      | 32.81    | 56.71    | 27.18           | 29.35      |               | 23.00                | 23.00    |              |           |            | WRP         |         |
|                                                                                                            | 59.99      | 32.81    | 46.93    | 27.18           | 4.98       | OSF 5.00      | 1220.00              | 1220.00  |              |           |            | Enter Alert |         |
|                                                                                                            | 59.99      | 32.81    | 46.23    | 27.18           | 4.71       | OSF 5.00      | 1290.00              | 1290.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 59.99      | 32.81    | 43.46    | 27.18           | 3.80       | OSF 5.00      | 1600.00              | 1600.00  |              |           |            | MinPts      |         |
|                                                                                                            | 60.02      | 32.81    | 43.40    | 27.22           | 3.77       | OSF 5.00      | 1610.00              | 1610.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 61.16      | 32.81    | 44.05    | 28.35           | 3.73       | OSF 5.00      | 1660.00              | 1660.00  |              | OSF>5.00  |            | MinPt-SF    |         |
|                                                                                                            | 92.95      | 32.81    | 73.43    | 60.14           | 4.96       | OSF 5.00      | 1920.00              | 1919.33  |              |           |            | Exit Alert  |         |
|                                                                                                            | 1111.39    | 72.22    | 1062.91  | 1039.17         | 23.38      |               | 4780.00              | 4744.56  |              |           |            | MinPt-SF    |         |
|                                                                                                            | 1537.98    | 146.63   | 1439.89  | 1391.34         | 15.83      |               | 9794.44              | 9742.54  |              |           |            | MinPt-SF    |         |
|                                                                                                            | 1319.82    | 364.71   | 1076.36  | 955.12          | 5.44       |               | 20470.00             | 10275.06 |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 1319.82    | 364.94   | 1076.20  | 954.89          | 5.44       |               | 20479.05             | 10275.00 |              |           | MinPts     |             |         |
| 30-025-40675 - TRES EQUIS 5 STATE 2 - Gyro+MWD to 15178ft - P (DefinitiveSurvey) - Warning Alert           |            |          |          |                 |            |               |                      |          |              |           |            |             |         |
|                                                                                                            | 289.51     | 32.81    | 286.12   | 256.70          | 203.68     |               | 0.00                 | 0.00     |              | OSF<=5.00 |            |             | Surface |
|                                                                                                            | 288.94     | 32.81    | 285.55   | 256.13          | 202.86     |               | 23.00                | 23.00    |              |           |            |             | WRP     |
|                                                                                                            | 282.20     | 32.81    | 267.99   | 249.39          | 22.91      |               | 1290.00              | 1290.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 136.69     | 42.44    | 107.81   | 94.25           | 4.98       | OSF 5.00      | 2800.00              | 2788.92  |              |           |            | Enter Alert |         |
|                                                                                                            | 78.33      | 54.77    | 41.23    | 23.56           | 2.17       | OSF 5.00      | 3552.55              | 3532.20  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 78.52      | 55.36    | 41.02    | 23.16           | 2.15       | OSF 5.00      | 3590.00              | 3569.19  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 78.76      | 55.67    | 41.06    | 23.10           | 2.14       | OSF 5.00      | 3610.00              | 3588.95  |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 80.35      | 57.14    | 41.67    | 23.21           | 2.13       | OSF 5.00      | 3710.00              | 3687.72  | OSF>5.00     |           |            | MinPt-SF    |         |
|                                                                                                            | 260.70     | 79.48    | 207.18   | 181.22          | 4.99       | OSF 5.00      | 5280.00              | 5238.41  |              |           |            | Exit Alert  |         |
|                                                                                                            | 379.83     | 105.39   | 309.03   | 274.44          | 5.47       |               | 7050.00              | 6998.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 380.05     | 110.76   | 305.67   | 269.29          | 5.20       |               | 7420.00              | 7368.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 379.79     | 115.15   | 302.48   | 264.64          | 5.00       | OSF 5.00      | 7720.00              | 7668.10  | OSF<=5.00    |           |            | Enter Alert |         |
|                                                                                                            | 377.18     | 123.03   | 294.62   | 254.15          | 4.64       | OSF 5.00      | 8260.00              | 8208.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 377.82     | 124.87   | 294.03   | 252.94          | 4.58       | OSF 5.00      | 8390.00              | 8338.10  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 379.01     | 126.30   | 294.28   | 252.71          | 4.54       | OSF 5.00      | 8490.00              | 8438.10  |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 384.36     | 136.52   | 292.81   | 247.84          | 4.26       | OSF 5.00      | 9180.00              | 9128.10  |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 384.93     | 141.28   | 290.20   | 243.65          | 4.12       | OSF 5.00      | 9510.00              | 9458.10  |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 385.38     | 141.82   | 290.30   | 243.56          | 4.11       | OSF 5.00      | 9550.00              | 9498.10  |              |           | MinPt-ADP  |             |         |
|                                                                                                            | 307.36     | 148.73   | 207.67   | 158.64          | 3.12       | OSF 5.00      | 10330.00             | 10203.45 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 307.39     | 148.83   | 207.63   | 158.55          | 3.12       | OSF 5.00      | 10340.00             | 10209.32 | OSF>5.00     |           | MinPts     |             |         |
|                                                                                                            | 498.66     | 152.67   | 396.34   | 345.99          | 4.94       | OSF 5.00      | 10750.00             | 10331.13 |              |           | Exit Alert |             |         |
|                                                                                                            | 913.76     | 117.05   | 835.19   | 796.71          | 11.85      |               | 11700.00             | 10329.70 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 914.03     | 117.83   | 834.94   | 796.20          | 11.78      |               | 11760.00             | 10329.33 |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 914.34     | 118.23   | 834.97   | 796.10          | 11.74      |               | 11790.00             | 10329.14 |              |           | MinPt-ADP  |             |         |
|                                                                                                            | 914.83     | 123.65   | 831.89   | 791.18          | 11.22      |               | 12120.00             | 10327.09 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 914.13     | 127.83   | 828.42   | 786.31          | 10.84      |               | 12360.00             | 10325.59 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 914.78     | 131.32   | 826.73   | 783.46          | 10.55      |               | 12560.00             | 10324.35 |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 916.51     | 133.52   | 827.00   | 782.99          | 10.40      |               | 12680.00             | 10323.60 |              |           | MinPt-ADP  |             |         |
|                                                                                                            | 921.68     | 141.86   | 826.60   | 779.82          | 9.83       |               | 13090.00             | 10321.04 |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 924.44     | 147.48   | 825.62   | 776.96          | 9.48       |               | 13350.00             | 10319.42 |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 926.04     | 149.39   | 825.95   | 776.65          | 9.38       |               | 13440.00             | 10318.86 |              |           | MinPt-ADP  |             |         |
|                                                                                                            | 929.31     | 159.30   | 822.61   | 770.01          | 8.82       |               | 13820.00             | 10316.49 |              |           | MinPt-CtCt |             |         |
|                                                                                                            | 932.69     | 170.18   | 818.73   | 762.50          | 8.28       |               | 14250.00             | 10313.81 |              |           | MinPt-EOU  |             |         |
|                                                                                                            | 935.25     | 180.33   | 814.53   | 754.92          | 7.83       |               | 14630.00             | 10311.45 |              |           | MinPts     |             |         |
|                                                                                                            | 5926.96    | 168.93   | 5813.83  | 5758.02         | 53.08      |               | 20479.05             | 10275.00 |              |           | TD         |             |         |
| 30-025-40675-0100 - TRES EQUIS 5 STATE 2 ST01 - Gyro+MWD to 10485ft - P (DefinitiveSurvey) - Warning Alert |            |          |          |                 |            |               |                      |          |              |           |            |             |         |
|                                                                                                            | 289.51     | 32.81    | 286.12   | 256.70          | 203.68     |               | 0.00                 | 0.00     | OSF<=5.00    |           |            | Surface     |         |
|                                                                                                            | 288.94     | 32.81    | 285.55   | 256.13          | 202.86     |               | 23.00                | 23.00    |              |           |            | WRP         |         |
|                                                                                                            | 282.20     | 32.81    | 267.99   | 249.39          | 22.91      |               | 1290.00              | 1290.00  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 136.69     | 42.44    | 107.81   | 94.25           | 4.98       | OSF 5.00      | 2800.00              | 2788.92  |              |           |            | Enter Alert |         |
|                                                                                                            | 78.33      | 54.77    | 41.23    | 23.56           | 2.17       | OSF 5.00      | 3552.55              | 3532.20  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 78.52      | 55.36    | 41.02    | 23.16           | 2.15       | OSF 5.00      | 3590.00              | 3569.19  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 78.76      | 55.67    | 41.06    | 23.10           | 2.14       | OSF 5.00      | 3610.00              | 3588.95  |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 80.35      | 57.14    | 41.67    | 23.21           | 2.13       | OSF 5.00      | 3710.00              | 3687.72  |              | OSF>5.00  |            | MinPt-SF    |         |
|                                                                                                            | 241.27     | 73.91    | 191.46   | 167.36          | 4.97       | OSF 5.00      | 5050.00              | 5011.24  |              |           |            | Exit Alert  |         |
|                                                                                                            | 498.13     | 103.22   | 428.78   | 394.91          | 7.33       |               | 7890.00              | 7838.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 491.92     | 112.03   | 416.69   | 379.89          | 6.66       |               | 8630.00              | 8578.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 482.25     | 125.04   | 398.35   | 357.21          | 5.84       |               | 9670.00              | 9618.10  |              |           |            | MinPt-CtCt  |         |
|                                                                                                            | 482.40     | 125.56   | 398.15   | 356.83          | 5.82       |               | 9720.00              | 9668.10  |              |           |            | MinPt-EOU   |         |
|                                                                                                            | 482.53     | 125.72   | 398.17   | 356.80          | 5.81       |               | 9740.00              | 9668.10  |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 438.27     | 128.43   | 352.11   | 309.84          | 5.16       |               | 10310.00             | 10191.29 |              |           |            | MinPts      |         |
|                                                                                                            | 438.35     | 128.52   | 352.13   | 309.83          | 5.16       |               | 10320.00             | 10197.44 |              |           |            | MinPt-ADP   |         |
|                                                                                                            | 438.57     | 128.61   | 352.29   | 309.96          | 5.16       |               | 10330.00             | 10203.45 |              |           |            | MinPt-SF    |         |
|                                                                                                            | 10153.01   | 145.37   | 10055.60 | 10007.64        | 105.84     |               | 20479.05             | 10275.00 |              |           |            | TD          |         |
| Coterra Tres Equis 5-8 State 352H - Corrected MWD to 22391ft (DefinitiveSurvey) - Warning Alert            |            |          |          |                 |            |               |                      |          |              |           |            |             |         |
|                                                                                                            | 152.30     | 32.81    | 149.60   | 119.49          | 106.76     |               | 0.00                 | 0.00     |              |           | MinPts     |             |         |
|                                                                                                            | 152.31     | 32.81    | 149.61   | 119.50          | 106.77     |               | 23.00                | 23.00    |              |           | WRP        |             |         |
|                                                                                                            | 125.26     | 32.81    | 108.22   | 92.45           | 7.74       |               | 1695.10              | 1695.08  |              |           | MinPts     |             |         |
|                                                                                                            | 125.37     | 32.81    | 108.08   | 92.56           | 7.63       |               | 1720.00              | 1719.96  |              |           | MinPt-EOU  |             |         |

| Offset Trajectory                                                                                 | Separation |          |          | Allow Dev. (ft) | Sep. Fact. | Breaking Rule | Reference Trajectory |          | Risk Level |       |       | Alert       |
|---------------------------------------------------------------------------------------------------|------------|----------|----------|-----------------|------------|---------------|----------------------|----------|------------|-------|-------|-------------|
|                                                                                                   | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                 |            |               | MD (ft)              | TVD (ft) | Alert      | Minor | Major |             |
| 158.69                                                                                            | 46.71      |          | 127.22   | 111.98          | 5.17       |               | 3140.00              | 3124.73  |            |       |       | MinPt-EOU   |
| 159.60                                                                                            | 48.68      |          | 126.82   | 110.92          | 4.99       | OSF 5.00      | 3270.00              | 3253.13  | OSF<=5.00  |       |       | Enter Alert |
| 151.08                                                                                            | 66.48      |          | 106.44   | 84.61           | 3.44       | OSF 5.00      | 4420.00              | 4388.99  |            |       |       | MinPt-CtCt  |
| 152.44                                                                                            | 73.77      |          | 102.93   | 78.67           | 3.12       | OSF 5.00      | 4890.00              | 4853.20  |            |       |       | MinPt-CtCt  |
| 133.20                                                                                            | 98.25      |          | 67.37    | 34.95           | 2.04       | OSF 5.00      | 6510.00              | 6458.10  |            |       |       | MinPt-CtCt  |
| 133.40                                                                                            | 98.87      |          | 67.16    | 34.53           | 2.03       | OSF 5.00      | 6560.00              | 6508.10  |            |       |       | MinPt-EOU   |
| 133.60                                                                                            | 99.11      |          | 67.20    | 34.49           | 2.03       | OSF 5.00      | 6580.00              | 6528.10  |            |       |       | MinPt-ADP   |
| 136.25                                                                                            | 102.33     |          | 67.70    | 33.92           | 2.00       | OSF 5.00      | 6810.00              | 6758.10  |            |       |       | MinPt-EOU   |
| 139.79                                                                                            | 106.46     |          | 68.48    | 33.32           | 1.97       | OSF 5.00      | 7110.00              | 7058.10  |            |       |       | MinPt-ADP   |
| 155.75                                                                                            | 121.98     |          | 74.10    | 33.77           | 1.92       | OSF 5.00      | 8210.00              | 8158.10  |            |       |       | MinPt-EOU   |
| 156.53                                                                                            | 122.93     |          | 74.25    | 33.61           | 1.91       | OSF 5.00      | 8280.00              | 8228.10  |            |       |       | MinPt-ADP   |
| 160.08                                                                                            | 126.16     |          | 75.64    | 33.91           | 1.91       | OSF 5.00      | 8510.00              | 8458.10  |            |       |       | MinPt-SF    |
| 173.98                                                                                            | 145.34     |          | 76.76    | 28.64           | 1.80       | OSF 5.00      | 9860.00              | 9807.96  |            |       |       | MinPt-CtCt  |
| 174.09                                                                                            | 145.69     |          | 76.64    | 28.40           | 1.79       | OSF 5.00      | 9900.00              | 9847.51  |            |       |       | MinPt-EOU   |
| 174.17                                                                                            | 145.78     |          | 76.66    | 28.39           | 1.79       | OSF 5.00      | 9910.00              | 9857.32  |            |       |       | MinPts      |
| 504.71                                                                                            | 152.83     |          | 402.50   | 351.89          | 4.98       | OSF 5.00      | 10600.00             | 10309.05 | OSF>5.00   |       |       | Exit Alert  |
| 1941.87                                                                                           | 118.40     |          | 1862.61  | 1823.47         | 24.79      |               | 12100.00             | 10327.21 |            |       |       | MinPt-CtCt  |
| 1942.02                                                                                           | 118.88     |          | 1862.44  | 1823.14         | 24.70      |               | 12140.00             | 10326.96 |            |       |       | MinPt-EOU   |
| 1942.21                                                                                           | 119.11     |          | 1862.47  | 1823.09         | 24.65      |               | 12160.00             | 10326.84 |            |       |       | MinPt-ADP   |
| 1954.29                                                                                           | 128.66     |          | 1868.19  | 1825.63         | 22.95      |               | 12660.00             | 10323.72 |            |       |       | MinPt-EOU   |
| 1955.17                                                                                           | 138.61     |          | 1862.44  | 1816.56         | 21.30      |               | 13090.00             | 10321.04 |            |       |       | MinPt-CtCt  |
| 1954.76                                                                                           | 144.46     |          | 1858.13  | 1810.30         | 20.43      |               | 13340.00             | 10319.48 |            |       |       | MinPt-CtCt  |
| 1955.34                                                                                           | 159.21     |          | 1848.87  | 1796.13         | 18.53      |               | 13940.00             | 10315.75 |            |       |       | MinPt-CtCt  |
| 1955.58                                                                                           | 159.82     |          | 1848.70  | 1795.76         | 18.46      |               | 13980.00             | 10315.50 |            |       |       | MinPt-EOU   |
| 1955.84                                                                                           | 160.12     |          | 1848.77  | 1795.72         | 18.43      |               | 14000.00             | 10315.37 |            |       |       | MinPt-ADP   |
| 1961.33                                                                                           | 167.00     |          | 1849.67  | 1794.33         | 17.71      |               | 14240.00             | 10313.88 |            |       |       | MinPt-CtCt  |
| 1961.71                                                                                           | 168.10     |          | 1849.32  | 1793.61         | 17.60      |               | 14300.00             | 10313.50 |            |       |       | MinPt-EOU   |
| 1962.33                                                                                           | 168.84     |          | 1849.44  | 1793.49         | 17.53      |               | 14340.00             | 10313.25 |            |       |       | MinPt-ADP   |
| 1962.77                                                                                           | 171.85     |          | 1847.87  | 1790.92         | 17.22      |               | 14420.00             | 10312.76 |            |       |       | MinPt-CtCt  |
| 1963.20                                                                                           | 173.13     |          | 1847.45  | 1790.07         | 17.10      |               | 14490.00             | 10312.32 |            |       |       | MinPt-EOU   |
| 1963.67                                                                                           | 173.68     |          | 1847.56  | 1789.99         | 17.05      |               | 14520.00             | 10312.13 |            |       |       | MinPt-ADP   |
| 1980.37                                                                                           | 249.94     |          | 1813.42  | 1730.43         | 11.93      |               | 17130.00             | 10295.87 |            |       |       | MinPt-CtCt  |
| 1980.91                                                                                           | 251.38     |          | 1813.00  | 1729.54         | 11.86      |               | 17200.00             | 10295.43 |            |       |       | MinPt-EOU   |
| 1981.43                                                                                           | 251.98     |          | 1813.11  | 1729.45         | 11.84      |               | 17230.00             | 10295.25 |            |       |       | MinPt-ADP   |
| 1984.17                                                                                           | 261.75     |          | 1809.34  | 1722.42         | 11.41      |               | 17520.00             | 10293.44 |            |       |       | MinPt-CtCt  |
| 1984.50                                                                                           | 262.72     |          | 1809.02  | 1721.78         | 11.37      |               | 17570.00             | 10293.13 |            |       |       | MinPt-EOU   |
| 1984.96                                                                                           | 263.29     |          | 1809.10  | 1721.67         | 11.35      |               | 17600.00             | 10292.94 |            |       |       | MinPt-ADP   |
| 1986.22                                                                                           | 269.40     |          | 1806.29  | 1716.82         | 11.09      |               | 17770.00             | 10291.88 |            |       |       | MinPt-CtCt  |
| 1986.38                                                                                           | 269.90     |          | 1806.12  | 1716.48         | 11.07      |               | 17800.00             | 10291.69 |            |       |       | MinPt-EOU   |
| 1986.63                                                                                           | 270.22     |          | 1806.15  | 1716.41         | 11.06      |               | 17820.00             | 10291.57 |            |       |       | MinPt-ADP   |
| 1991.53                                                                                           | 280.65     |          | 1804.10  | 1710.88         | 10.68      |               | 18130.00             | 10289.64 |            |       |       | MinPt-CtCt  |
| 1991.63                                                                                           | 281.07     |          | 1803.93  | 1710.56         | 10.66      |               | 18160.00             | 10289.45 |            |       |       | MinPt-EOU   |
| 1991.73                                                                                           | 281.20     |          | 1803.94  | 1710.53         | 10.66      |               | 18170.00             | 10289.39 |            |       |       | MinPt-ADP   |
| 1999.26                                                                                           | 283.35     |          | 1810.04  | 1715.92         | 10.62      |               | 18350.00             | 10288.27 |            |       |       | MinPt-SF    |
| 2011.01                                                                                           | 295.05     |          | 1813.99  | 1715.97         | 10.25      |               | 18630.00             | 10286.52 |            |       |       | MinPt-EOU   |
| 2016.96                                                                                           | 304.36     |          | 1813.72  | 1712.60         | 9.97       |               | 18930.00             | 10284.65 |            |       |       | MinPt-EOU   |
| 2025.16                                                                                           | 329.67     |          | 1805.05  | 1695.49         | 9.24       |               | 19710.00             | 10279.79 |            |       |       | MinPt-CtCt  |
| 2027.77                                                                                           | 353.45     |          | 1791.81  | 1674.32         | 8.63       |               | 20470.00             | 10275.06 |            |       |       | MinPt-CtCt  |
| 2027.81                                                                                           | 353.50     |          | 1791.81  | 1674.30         | 8.62       |               | 20479.05             | 10275.00 |            |       |       | MinPts      |
| 30-025-40818 - TRES EQUIS 5 STATE 2Y - Gyro+MWD to 15531ft - P (DefinitiveSurvey) - Warning Alert |            |          |          |                 |            |               |                      |          |            |       |       |             |
| 439.00                                                                                            | 32.81      |          | 435.60   | 406.19          | 308.96     |               | 0.00                 | 0.00     |            |       |       | Surface     |
| 438.91                                                                                            | 32.81      |          | 435.52   | 406.11          | 308.75     |               | 23.00                | 23.00    |            |       |       | WRP         |
| 429.46                                                                                            | 32.81      |          | 415.18   | 396.65          | 34.76      |               | 1290.00              | 1290.00  |            |       |       | MinPt-EOU   |
| 187.87                                                                                            | 57.68      |          | 148.83   | 130.19          | 4.99       | OSF 5.00      | 3760.00              | 3737.10  | OSF<=5.00  |       |       | Enter Alert |
| 150.97                                                                                            | 70.10      |          | 103.65   | 80.87           | 3.27       | OSF 5.00      | 4502.36              | 4470.33  |            |       |       | MinPt-CtCt  |
| 151.30                                                                                            | 71.17      |          | 103.27   | 80.13           | 3.23       | OSF 5.00      | 4570.00              | 4537.14  |            |       |       | MinPt-EOU   |
| 151.81                                                                                            | 71.79      |          | 103.37   | 80.02           | 3.21       | OSF 5.00      | 4610.00              | 4576.65  |            |       |       | MinPt-ADP   |
| 153.91                                                                                            | 73.15      |          | 104.56   | 80.76           | 3.20       | OSF 5.00      | 4700.00              | 4665.54  |            |       |       | MinPt-SF    |
| 295.30                                                                                            | 103.61     |          | 225.69   | 191.69          | 4.32       | OSF 5.00      | 6880.00              | 6828.10  |            |       |       | MinPt-EOU   |
| 290.84                                                                                            | 128.71     |          | 204.49   | 162.12          | 3.41       | OSF 5.00      | 8600.00              | 8548.10  |            |       |       | MinPt-CtCt  |
| 189.91                                                                                            | 148.61     |          | 90.30    | 41.30           | 1.92       | OSF 5.00      | 10310.00             | 10191.29 |            |       |       | MinPts      |
| 190.02                                                                                            | 148.75     |          | 90.31    | 41.27           | 1.92       | OSF 5.00      | 10320.00             | 10197.44 |            |       |       | MinPts      |
| 505.16                                                                                            | 153.06     |          | 402.58   | 352.10          | 4.99       | OSF 5.00      | 10810.00             | 10334.50 | OSF>5.00   |       |       | Exit Alert  |
| 798.90                                                                                            | 101.07     |          | 730.98   | 697.83          | 12.03      |               | 11220.00             | 10332.70 |            |       |       | MinPt-EOU   |
| 800.40                                                                                            | 103.71     |          | 730.72   | 696.69          | 11.74      |               | 11440.00             | 10331.32 |            |       |       | MinPt-EOU   |
| 800.49                                                                                            | 103.80     |          | 730.75   | 696.69          | 11.73      |               | 11450.00             | 10331.26 |            |       |       | MinPt-ADP   |
| 821.06                                                                                            | 116.07     |          | 743.18   | 704.99          | 10.73      |               | 12190.00             | 10326.65 |            |       |       | MinPt-CtCt  |
| 823.46                                                                                            | 122.54     |          | 741.27   | 700.92          | 10.19      |               | 12500.00             | 10324.72 |            |       |       | MinPt-EOU   |
| 824.13                                                                                            | 123.33     |          | 741.41   | 700.79          | 10.13      |               | 12540.00             | 10324.47 |            |       |       | MinPt-ADP   |
| 855.86                                                                                            | 151.77     |          | 754.18   | 704.09          | 8.53       |               | 13640.00             | 10317.62 |            |       |       | MinPt-CtCt  |
| 856.66                                                                                            | 154.13     |          | 753.40   | 702.52          | 8.40       |               | 13740.00             | 10316.99 |            |       |       | MinPt-EOU   |
| 858.13                                                                                            | 155.87     |          | 753.71   | 702.25          | 8.32       |               | 13810.00             | 10316.56 |            |       |       | MinPt-ADP   |
| 871.19                                                                                            | 188.82     |          | 744.81   | 682.37          | 6.96       |               | 14870.00             | 10309.95 |            |       |       | MinPt-CtCt  |
| 871.71                                                                                            | 190.85     |          | 743.98   | 680.86          | 6.89       |               | 14950.00             | 10309.45 |            |       |       | MinPts      |
| 5605.17                                                                                           | 168.92     |          | 5492.06  | 5436.25         | 50.21      |               | 20479.05             | 10275.00 |            |       |       | TD          |
| 30-025-45516 - HEMLOCK 32 STATE 704H - MWD to 17475ft - A (DefinitiveSurvey) - Warning Alert      |            |          |          |                 |            |               |                      |          |            |       |       |             |
| 673.53                                                                                            | 32.81      |          | 670.14   | 640.72          | 474.78     |               | 0.00                 | 0.00     |            |       |       | MinPts      |
| 673.57                                                                                            | 32.81      |          | 670.17   | 640.76          | 474.69     |               | 23.00                | 23.00    |            |       |       | WRP         |
| 279.26                                                                                            | 84.99      |          | 222.06   | 194.27          | 4.99       | OSF 5.00      | 5320.00              | 5277.91  | OSF<=5.00  |       |       | Enter Alert |
| 165.32                                                                                            | 150.89     |          | 64.19    | 14.43           | 1.65       | OSF 5.00      | 9794.97              | 9743.07  |            |       |       | MinPt-CtCt  |
| 165.33                                                                                            | 150.93     |          | 64.17    | 14.40           | 1.64       | OSF 5.00      | 9800.00              | 9748.10  |            |       |       | MinPts      |
| 512.89                                                                                            | 155.24     |          | 408.86   | 357.65          | 4.99       | OSF 5.00      | 10470.00             | 10272.10 | OSF>5.00   |       |       | Exit Alert  |
| 10513.02                                                                                          | 167.00     |          | 10401.18 | 10346.02        | 95.27      |               | 20479.05             | 10275.00 |            |       |       | TD          |
| 30-025-46755 - HEMLOCK 32 STATE 204H - MWD to 14786ft - A (DefinitiveSurvey) - Warning Alert      |            |          |          |                 |            |               |                      |          |            |       |       |             |
| 755.14                                                                                            | 32.81      |          | 751.75   | 722.33          | 532.47     |               | 0.00                 | 0.00     |            |       |       | MinPts      |
| 755.15                                                                                            | 32.81      |          | 751.75   | 722.34          | 532.31     |               | 23.00                | 23.00    |            |       |       | WRP         |
| 755.49                                                                                            | 32.81      |          | 751.88   | 722.68          | 391.57     |               | 210.00               | 210.00   |            |       |       | MinPt-EOU   |
| 755.67                                                                                            | 32.81      |          | 746.98   | 722.86          | 112.36     |               | 740.00               | 740.00   |            |       |       | MinPts      |

| Offset Trajectory                                                                                   | Separation |          |          | Allow<br>Dev. (ft) | Sep.<br>Fact. | Breaking<br>Rule | Reference Trajectory |          | Risk Level |       |       | Alert       |
|-----------------------------------------------------------------------------------------------------|------------|----------|----------|--------------------|---------------|------------------|----------------------|----------|------------|-------|-------|-------------|
|                                                                                                     | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                    |               |                  | MD (ft)              | TVD (ft) | Alert      | Minor | Major |             |
|                                                                                                     | 304.31     | 92.49    | 242.11   | 211.82             | 5.00          | OSF 5.00         | 5920.00              | 5870.53  | OSF<=5.00  |       |       | Enter Alert |
|                                                                                                     | 242.89     | 110.40   | 168.75   | 132.49             | 3.33          | OSF 5.00         | 7140.00              | 7088.10  |            |       |       | MinPt-CtCt  |
|                                                                                                     | 243.42     | 111.59   | 168.49   | 131.83             | 3.30          | OSF 5.00         | 7230.00              | 7178.10  |            |       |       | MinPt-EOU   |
|                                                                                                     | 232.02     | 140.38   | 137.90   | 91.64              | 2.49          | OSF 5.00         | 9254.83              | 9202.94  |            |       |       | MinPt-CtCt  |
|                                                                                                     | 232.08     | 140.55   | 137.84   | 91.52              | 2.49          | OSF 5.00         | 9270.00              | 9218.10  |            |       |       | MinPt-EOU   |
|                                                                                                     | 232.18     | 140.67   | 137.86   | 91.51              | 2.49          | OSF 5.00         | 9280.00              | 9228.10  |            |       |       | MinPt-ADP   |
|                                                                                                     | 232.32     | 140.78   | 137.93   | 91.54              | 2.49          | OSF 5.00         | 9290.00              | 9238.10  |            |       |       | MinPt-SF    |
|                                                                                                     | 416.96     | 128.27   | 330.91   | 288.69             | 4.92          | OSF 5.00         | 9930.00              | 9876.84  | OSF>5.00   |       |       | Exit Alert  |
|                                                                                                     | 10560.35   | 160.04   | 10453.16 | 10400.31           | 99.90         |                  | 20479.05             | 10275.00 |            |       |       | TD          |
| 30-025-41057 - HEARTTHROB BSX STATE 2H - Gyro+MWD to 15824ft - A (DefinitiveSurvey) - Warning Alert |            |          |          |                    |               |                  |                      |          |            |       |       |             |
|                                                                                                     | 10435.44   | 32.81    | 10432.04 | 10402.63           | 7376.47       |                  | 0.00                 | 0.00     |            |       |       | Surface     |
|                                                                                                     | 10435.30   | 32.81    | 10431.91 | 10402.49           | 7375.44       |                  | 23.00                | 23.00    |            |       |       | WRP         |
|                                                                                                     | 10435.19   | 32.81    | 10431.78 | 10402.38           | 7325.52       |                  | 70.00                | 70.00    |            |       |       | MinPts      |
|                                                                                                     | 10435.19   | 32.81    | 10431.78 | 10402.39           | 7274.36       |                  | 90.00                | 90.00    |            |       |       | MinPt-EOU   |
|                                                                                                     | 10435.33   | 32.81    | 10431.77 | 10402.52           | 6600.42       |                  | 160.00               | 160.00   |            |       |       | MinPt-EOU   |
|                                                                                                     | 10439.60   | 32.81    | 10431.09 | 10406.80           | 1596.73       |                  | 780.00               | 780.00   |            |       |       | MinPt-EOU   |
|                                                                                                     | 10443.07   | 32.81    | 10429.19 | 10410.27           | 876.96        |                  | 1290.00              | 1290.00  |            |       |       | MinPt-EOU   |
|                                                                                                     | 10441.03   | 32.81    | 10425.16 | 10408.22           | 739.98        |                  | 1640.00              | 1640.00  |            |       |       | MinPts      |
|                                                                                                     | 10441.16   | 32.81    | 10425.01 | 10408.35           | 725.54        |                  | 1680.00              | 1679.99  |            |       |       | MinPt-EOU   |
|                                                                                                     | 10683.48   | 109.32   | 10610.06 | 10574.16           | 148.77        |                  | 7600.00              | 7548.10  |            |       |       | MinPt-CtCt  |
|                                                                                                     | 10679.63   | 123.26   | 10596.92 | 10556.37           | 131.67        |                  | 8590.00              | 8538.10  |            |       |       | MinPt-CtCt  |
|                                                                                                     | 701.47     | 214.05   | 558.27   | 487.42             | 4.94          | OSF 5.00         | 20250.00             | 10276.43 | OSF<=5.00  |       |       | Enter Alert |
|                                                                                                     | 553.33     | 247.05   | 388.13   | 306.28             | 3.37          | OSF 5.00         | 20479.05             | 10275.00 |            |       |       | MinPts      |
| 30-025-42487 - EATA FAJITA STATE 13H - Gyro+MWD to 14250ft - A (DefinitiveSurvey) - Warning Alert   |            |          |          |                    |               |                  |                      |          |            |       |       |             |
|                                                                                                     | 10048.46   | 32.81    | 10045.07 | 10015.65           | 7102.88       |                  | 0.00                 | 0.00     |            |       |       | Surface     |
|                                                                                                     | 10048.33   | 32.81    | 10044.94 | 10015.52           | 7101.92       |                  | 23.00                | 23.00    |            |       |       | WRP         |
|                                                                                                     | 10048.23   | 32.81    | 10044.82 | 10015.42           | 7053.82       |                  | 70.00                | 70.00    |            |       |       | MinPts      |
|                                                                                                     | 10048.23   | 32.81    | 10044.82 | 10015.42           | 7004.56       |                  | 90.00                | 90.00    |            |       |       | MinPt-EOU   |
|                                                                                                     | 10050.64   | 32.81    | 10043.24 | 10017.83           | 1853.63       |                  | 660.00               | 660.00   |            |       |       | MinPt-EOU   |
|                                                                                                     | 5412.50    | 144.89   | 5315.37  | 5267.61            | 56.65         |                  | 9690.00              | 9638.10  |            |       |       | MinPt-CtCt  |
|                                                                                                     | 5412.53    | 145.01   | 5315.32  | 5267.52            | 56.60         |                  | 9710.00              | 9658.10  |            |       |       | MinPts      |
|                                                                                                     | 715.39     | 203.46   | 579.24   | 511.92             | 5.30          |                  | 15530.00             | 10305.84 |            |       |       | MinPt-SF    |
|                                                                                                     | 714.25     | 203.11   | 578.34   | 511.14             | 5.30          |                  | 15630.00             | 10305.22 |            |       |       | MinPt-SF    |
|                                                                                                     | 711.97     | 202.27   | 576.62   | 509.70             | 5.31          |                  | 15910.00             | 10303.47 |            |       |       | MinPt-SF    |
|                                                                                                     | 711.93     | 202.25   | 576.59   | 509.68             | 5.31          |                  | 15930.00             | 10303.35 |            |       |       | MinPts      |
|                                                                                                     | 711.92     | 202.24   | 576.59   | 509.68             | 5.31          |                  | 15940.32             | 10303.28 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 712.93     | 202.28   | 577.57   | 510.64             | 5.31          |                  | 16070.00             | 10302.47 |            |       |       | MinPt-SF    |
|                                                                                                     | 718.94     | 203.89   | 582.51   | 515.05             | 5.32          |                  | 17050.00             | 10296.37 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 719.09     | 204.41   | 582.32   | 514.68             | 5.30          |                  | 17100.00             | 10296.06 |            |       |       | MinPt-EOU   |
|                                                                                                     | 719.29     | 204.63   | 582.37   | 514.66             | 5.30          |                  | 17120.00             | 10295.93 |            |       |       | MinPt-ADP   |
|                                                                                                     | 720.59     | 205.31   | 583.22   | 515.28             | 5.29          |                  | 17190.00             | 10295.49 |            |       |       | MinPt-SF    |
|                                                                                                     | 726.59     | 207.04   | 588.07   | 519.56             | 5.29          |                  | 17420.00             | 10294.06 |            |       |       | MinPt-SF    |
|                                                                                                     | 735.15     | 209.70   | 594.85   | 525.45             | 5.29          |                  | 17780.00             | 10291.82 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 736.34     | 212.54   | 594.14   | 523.79             | 5.22          |                  | 18030.00             | 10290.26 |            |       |       | MinPt-EOU   |
|                                                                                                     | 737.13     | 213.52   | 594.28   | 523.61             | 5.20          |                  | 18110.00             | 10289.76 |            |       |       | MinPt-ADP   |
|                                                                                                     | 737.60     | 214.90   | 593.83   | 522.70             | 5.17          |                  | 18240.00             | 10288.95 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 730.50     | 220.16   | 583.23   | 510.34             | 5.00          |                  | 18640.00             | 10286.46 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 730.51     | 220.32   | 583.12   | 510.18             | 5.00          | OSF 5.00         | 18650.00             | 10286.40 | OSF<=5.00  |       |       | Enter Alert |
|                                                                                                     | 730.67     | 220.80   | 582.97   | 509.87             | 4.99          | OSF 5.00         | 18680.00             | 10286.21 |            |       |       | MinPts      |
|                                                                                                     | 718.86     | 226.51   | 567.35   | 492.35             | 4.78          | OSF 5.00         | 19030.00             | 10284.03 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 719.10     | 227.19   | 567.14   | 491.91             | 4.77          | OSF 5.00         | 19060.00             | 10283.84 |            |       |       | MinPt-EOU   |
|                                                                                                     | 720.81     | 229.44   | 567.35   | 491.37             | 4.73          | OSF 5.00         | 19180.00             | 10283.09 |            |       |       | MinPt-ADP   |
|                                                                                                     | 730.80     | 234.35   | 574.07   | 496.46             | 4.70          | OSF 5.00         | 19420.00             | 10281.60 |            |       |       | MinPt-SF    |
|                                                                                                     | 819.33     | 247.22   | 654.02   | 572.12             | 4.99          | OSF 5.00         | 20140.00             | 10277.11 | OSF>5.00   |       |       | Exit Alert  |
|                                                                                                     | 933.72     | 245.76   | 769.37   | 687.95             | 5.72          |                  | 20479.05             | 10275.00 |            |       |       | TD          |
| 30-025-41774 - EATA FAJITA STATE 6H - Gyro+MWD to 19372ft - A (DefinitiveSurvey) - Warning Alert    |            |          |          |                    |               |                  |                      |          |            |       |       |             |
|                                                                                                     | 9691.31    | 244.75   | 9527.48  | 9446.56            | 59.87         |                  | 0.00                 | 0.00     |            |       |       | Surface     |
|                                                                                                     | 9668.52    | 244.88   | 9504.61  | 9423.64            | 59.69         |                  | 23.00                | 23.00    |            |       |       | WRP         |
|                                                                                                     | 1139.17    | 342.99   | 909.97   | 796.18             | 5.00          | OSF 5.00         | 8790.00              | 8738.10  | OSF<=5.00  |       |       | Enter Alert |
|                                                                                                     | 742.19     | 449.27   | 442.14   | 292.92             | 2.48          | OSF 5.00         | 9654.21              | 9602.31  |            |       |       | MinPts      |
|                                                                                                     | 742.21     | 449.29   | 442.14   | 292.92             | 2.48          | OSF 5.00         | 9660.00              | 9608.10  |            |       |       | MinPt-SF    |
|                                                                                                     | 1011.19    | 354.30   | 774.45   | 656.89             | 4.29          | OSF 5.00         | 11570.00             | 10330.51 |            |       |       | MinPt-ADP   |
|                                                                                                     | 1010.84    | 353.88   | 774.39   | 656.96             | 4.30          | OSF 5.00         | 11590.00             | 10330.39 |            |       |       | MinPt-EOU   |
|                                                                                                     | 1004.18    | 345.47   | 773.33   | 658.71             | 4.37          | OSF 5.00         | 11780.00             | 10329.21 |            |       |       | MinPt-SF    |
|                                                                                                     | 1001.94    | 344.20   | 771.97   | 657.73             | 4.38          | OSF 5.00         | 11860.00             | 10328.71 |            |       |       | MinPt-ADP   |
|                                                                                                     | 1001.71    | 343.92   | 771.93   | 657.79             | 4.38          | OSF 5.00         | 11880.00             | 10328.58 |            |       |       | MinPt-EOU   |
|                                                                                                     | 1000.26    | 340.58   | 772.71   | 659.68             | 4.42          | OSF 5.00         | 11980.00             | 10327.96 |            |       |       | MinPt-ADP   |
|                                                                                                     | 999.58     | 339.73   | 772.60   | 659.85             | 4.43          | OSF 5.00         | 12020.00             | 10327.71 |            |       |       | MinPt-EOU   |
|                                                                                                     | 994.57     | 328.62   | 774.99   | 665.95             | 4.55          | OSF 5.00         | 12400.00             | 10325.34 |            |       |       | MinPt-ADP   |
|                                                                                                     | 994.34     | 328.36   | 774.94   | 665.98             | 4.56          | OSF 5.00         | 12420.00             | 10325.22 |            |       |       | MinPt-EOU   |
|                                                                                                     | 994.16     | 327.79   | 775.13   | 666.37             | 4.56          | OSF 5.00         | 12460.00             | 10324.97 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 1011.45    | 304.61   | 807.87   | 706.83             | 5.00          | OSF 5.00         | 13330.00             | 10319.55 | OSF>5.00   |       |       | Exit Alert  |
|                                                                                                     | 1009.47    | 299.03   | 809.61   | 710.44             | 5.08          |                  | 13510.00             | 10318.43 |            |       |       | MinPt-ADP   |
|                                                                                                     | 1008.84    | 298.27   | 809.50   | 710.57             | 5.09          |                  | 13550.00             | 10318.18 |            |       |       | MinPt-EOU   |
|                                                                                                     | 1005.20    | 282.77   | 816.18   | 722.42             | 5.35          |                  | 14090.00             | 10314.81 |            |       |       | MinPt-ADP   |
|                                                                                                     | 1003.81    | 281.23   | 815.82   | 722.58             | 5.37          |                  | 14180.00             | 10314.25 |            |       |       | MinPt-EOU   |
|                                                                                                     | 1003.32    | 278.82   | 816.94   | 724.50             | 5.42          |                  | 14310.00             | 10313.44 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 993.99     | 270.32   | 813.28   | 723.67             | 5.54          |                  | 14600.00             | 10311.63 |            |       |       | MinPt-ADP   |
|                                                                                                     | 979.54     | 260.78   | 805.19   | 718.77             | 5.66          |                  | 15030.00             | 10308.95 |            |       |       | MinPt-ADP   |
|                                                                                                     | 978.42     | 259.42   | 804.97   | 719.00             | 5.68          |                  | 15100.00             | 10308.52 |            |       |       | MinPt-EOU   |
|                                                                                                     | 975.96     | 254.62   | 805.71   | 721.34             | 5.77          |                  | 15350.00             | 10306.96 |            |       |       | MinPt-CtCt  |
|                                                                                                     | 969.84     | 247.16   | 804.56   | 722.68             | 5.91          |                  | 15740.00             | 10304.53 |            |       |       | MinPt-ADP   |
|                                                                                                     | 962.08     | 243.46   | 799.28   | 718.62             | 5.95          |                  | 15950.00             | 10303.22 |            |       |       | MinPt-SF    |
|                                                                                                     | 957.68     | 242.49   | 795.52   | 715.18             | 5.95          |                  | 16100.00             | 10302.29 |            |       |       | MinPt-SF    |
|                                                                                                     | 957.44     | 242.41   | 795.34   | 715.04             | 5.95          |                  | 16130.00             | 10302.10 |            |       |       | MinPt-ADP   |
|                                                                                                     | 957.42     | 242.38   | 795.33   | 715.04             | 5.95          |                  | 16140.00             | 10302.04 |            |       |       | MinPts      |
|                                                                                                     | 969.20     | 234.50   | 812.37   | 734.70             | 6.23          |                  | 17150.00             | 10295.74 |            |       |       | MinPt-SF    |
|                                                                                                     | 969.18     | 234.49   | 812.35   | 734.69             | 6.23          |                  | 17160.00             | 10295.68 |            |       |       | MinPts      |

| Offset Trajectory                                                                      | Separation     |          |                | Allow          | Sep. Fact.    | Breaking Rule | Reference Trajectory |          | Risk Level |       |       | Alert      |
|----------------------------------------------------------------------------------------|----------------|----------|----------------|----------------|---------------|---------------|----------------------|----------|------------|-------|-------|------------|
|                                                                                        | Ct-Ct (ft)     | MAS (ft) | EOU (ft)       |                |               |               | MD (ft)              | TVD (ft) | Alert      | Minor | Major |            |
|                                                                                        | <b>969.18</b>  | 234.48   | 812.36         | 734.70         | 6.23          |               | 17170.00             | 10295.62 |            |       |       | MinPt-CiCt |
|                                                                                        | 967.87         | 232.95   | <b>812.06</b>  | <b>734.91</b>  | 6.26          |               | 17360.00             | 10294.44 |            |       |       | MinPts     |
|                                                                                        | 963.03         | 231.90   | 807.93         | 731.13         | <b>6.26</b>   |               | 17540.00             | 10293.31 |            |       |       | MinPt-SF   |
|                                                                                        | <b>955.89</b>  | 231.64   | 800.96         | 724.25         | 6.22          |               | 17840.00             | 10291.44 |            |       |       | MinPt-CiCt |
|                                                                                        | 955.91         | 231.71   | <b>800.93</b>  | 724.20         | 6.22          |               | 17850.00             | 10291.38 |            |       |       | MinPt-EOU  |
|                                                                                        | 955.96         | 231.78   | 800.94         | <b>724.18</b>  | 6.22          |               | 17860.00             | 10291.32 |            |       |       | MinPt-ADP  |
|                                                                                        | 957.26         | 232.28   | 801.90         | 724.97         | <b>6.21</b>   |               | 17930.00             | 10290.88 |            |       |       | MinPt-SF   |
|                                                                                        | 960.29         | 232.02   | 805.11         | <b>728.27</b>  | 6.24          |               | 18040.00             | 10290.20 |            |       |       | MinPt-ADP  |
|                                                                                        | 961.77         | 232.72   | 806.13         | 729.05         | <b>6.23</b>   |               | 18140.00             | 10289.58 |            |       |       | MinPt-SF   |
|                                                                                        | <b>961.79</b>  | 232.93   | 806.00         | 728.86         | 6.22          |               | 18280.00             | 10288.70 |            |       |       | MinPt-CiCt |
|                                                                                        | 961.92         | 233.26   | <b>805.91</b>  | 728.66         | 6.22          |               | 18320.00             | 10288.45 |            |       |       | MinPt-EOU  |
|                                                                                        | 962.06         | 233.42   | 805.95         | <b>728.64</b>  | 6.21          |               | 18340.00             | 10288.33 |            |       |       | MinPt-ADP  |
|                                                                                        | 962.95         | 233.97   | 806.47         | 728.98         | <b>6.20</b>   |               | 18410.00             | 10287.89 |            |       |       | MinPt-SF   |
|                                                                                        | <b>954.34</b>  | 238.04   | 795.15         | 716.30         | 6.04          |               | 18930.00             | 10284.65 |            |       |       | MinPt-CiCt |
|                                                                                        | <b>954.42</b>  | 239.55   | 794.22         | 714.87         | 6.00          |               | 19070.00             | 10283.78 |            |       |       | MinPt-CiCt |
|                                                                                        | 954.60         | 240.05   | <b>794.07</b>  | 714.55         | 5.99          |               | 19100.00             | 10283.59 |            |       |       | MinPt-EOU  |
|                                                                                        | 954.73         | 240.21   | 794.09         | <b>714.52</b>  | 5.99          |               | 19110.00             | 10283.53 |            |       |       | MinPt-ADP  |
|                                                                                        | 959.08         | 241.99   | 797.26         | 717.09         | <b>5.97</b>   |               | 19230.00             | 10282.78 |            |       |       | MinPt-SF   |
|                                                                                        | 1218.17        | 252.98   | 1049.01        | 965.18         | 7.26          |               | 20479.05             | 10275.00 |            |       |       | TD         |
| Coterra Tres Equis 5-8 State Com 301H Rev0 kFc 23Oct25 (DefinitivePlan) - Pass         |                |          |                |                |               |               |                      |          |            |       |       |            |
|                                                                                        | 79.98          | 32.81    | 76.70          | 47.18          | 39.34         |               | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                        | 79.98          | 32.81    | 76.70          | 47.18          | 39.34         |               | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                        | <b>79.98</b>   | 32.81    | 71.03          | <b>47.18</b>   | 10.26         |               | 800.00               | 800.00   |            |       |       | MinPts     |
|                                                                                        | 80.19          | 32.81    | <b>70.85</b>   | 47.38          | 9.81          |               | 840.00               | 840.00   |            |       |       | MinPt-EOU  |
|                                                                                        | 92.93          | 32.81    | 80.95          | 60.12          | <b>8.57</b>   |               | 1120.00              | 1120.00  |            |       |       | MinPt-SF   |
|                                                                                        | <b>2048.90</b> | 150.26   | 1948.40        | 1898.64        | 20.58         |               | 10080.00             | 10016.43 |            |       |       | MinPt-CiCt |
|                                                                                        | 2048.97        | 150.45   | <b>1948.34</b> | 1898.52        | 20.55         |               | 10110.00             | 10042.39 |            |       |       | MinPt-EOU  |
|                                                                                        | 2049.02        | 150.52   | 1948.35        | <b>1898.51</b> | 20.54         |               | 10120.00             | 10050.86 |            |       |       | MinPt-ADP  |
|                                                                                        | 2057.67        | 151.98   | 1956.03        | 1905.70        | <b>20.43</b>  |               | 10360.00             | 10220.63 |            |       |       | MinPt-SF   |
|                                                                                        | <b>2297.37</b> | 145.61   | 2199.97        | 2151.76        | 23.82         |               | 11260.00             | 10332.45 |            |       |       | MinPt-CiCt |
|                                                                                        | 2311.41        | 363.21   | <b>2068.94</b> | <b>1948.20</b> | <b>9.57</b>   |               | 20479.05             | 10275.00 |            |       |       | MinPts     |
| Coterra Tres Equis 5-8 State Com 211H Rev0 kFc 23Oct25 (DefinitivePlan) - Pass         |                |          |                |                |               |               |                      |          |            |       |       |            |
|                                                                                        | 99.98          | 32.81    | 96.70          | 67.18          | 49.34         |               | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                        | 99.98          | 32.81    | 96.70          | 67.18          | 49.34         |               | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                        | <b>99.98</b>   | 32.81    | 92.94          | <b>67.18</b>   | 17.15         |               | 600.00               | 600.00   |            |       |       | MinPts     |
|                                                                                        | 100.19         | 32.81    | <b>92.78</b>   | 67.38          | 16.15         |               | 640.00               | 640.00   |            |       |       | MinPt-EOU  |
|                                                                                        | 126.75         | 32.81    | 115.41         | 93.94          | <b>12.48</b>  |               | 1060.00              | 1060.00  |            |       |       | MinPt-SF   |
|                                                                                        | <b>2003.17</b> | 151.29   | 1901.98        | 1851.88        | 19.98         |               | 10370.00             | 10226.07 |            |       |       | MinPt-CiCt |
|                                                                                        | 2003.19        | 151.35   | <b>1901.96</b> | 1851.84        | 19.97         |               | 10380.00             | 10231.36 |            |       |       | MinPt-EOU  |
|                                                                                        | 2003.25        | 151.41   | 1901.98        | <b>1851.84</b> | 19.97         |               | 10390.00             | 10236.50 |            |       |       | MinPt-ADP  |
|                                                                                        | 2007.78        | 152.07   | 1906.08        | 1855.72        | <b>19.92</b>  |               | 10520.00             | 10289.15 |            |       |       | MinPt-SF   |
|                                                                                        | <b>2058.00</b> | 149.19   | 1958.21        | 1908.81        | 20.82         |               | 11050.00             | 10333.75 |            |       |       | MinPt-CiCt |
|                                                                                        | 2062.41        | 361.90   | <b>1820.82</b> | <b>1700.51</b> | <b>8.57</b>   |               | 20479.05             | 10275.00 |            |       |       | MinPts     |
| Coterra Tres Equis 5-8 State 402H - Corrected MWD to 22626ft (DefinitiveSurvey) - Pass |                |          |                |                |               |               |                      |          |            |       |       |            |
|                                                                                        | <b>170.85</b>  | 32.81    | <b>168.15</b>  | <b>138.04</b>  | <b>119.88</b> |               | 0.00                 | 0.00     |            |       |       | MinPts     |
|                                                                                        | 170.86         | 32.81    | 168.15         | 138.05         | 119.88        |               | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                        | 173.65         | 32.81    | <b>160.22</b>  | 140.84         | 14.19         |               | 1290.00              | 1290.00  |            |       |       | MinPt-EOU  |
|                                                                                        | <b>173.65</b>  | 32.81    | 160.33         | <b>140.84</b>  | 14.09         |               | 1300.00              | 1300.00  |            |       |       | MinPts     |
|                                                                                        | <b>173.39</b>  | 32.81    | 157.11         | <b>140.58</b>  | 11.27         |               | 1610.00              | 1610.00  |            |       |       | MinPts     |
|                                                                                        | 173.49         | 32.81    | <b>157.02</b>  | 140.68         | 11.14         |               | 1630.00              | 1630.00  |            |       |       | MinPt-EOU  |
|                                                                                        | 187.63         | 32.81    | 168.67         | 154.82         | <b>10.38</b>  |               | 1890.00              | 1889.50  |            |       |       | MinPt-SF   |
|                                                                                        | 401.10         | 57.95    | 362.14         | 343.15         | <b>10.54</b>  |               | 3910.00              | 3885.26  |            |       |       | MinPt-SF   |
|                                                                                        | 513.47         | 76.66    | 462.03         | 436.81         | <b>10.16</b>  |               | 5130.00              | 5090.25  |            |       |       | MinPt-SF   |
|                                                                                        | <b>635.02</b>  | 114.11   | 558.62         | 520.91         | 8.41          |               | 7680.00              | 7628.10  |            |       |       | MinPt-CiCt |
|                                                                                        | <b>634.32</b>  | 124.05   | 551.30         | 510.28         | 7.72          |               | 8370.00              | 8318.10  |            |       |       | MinPt-CiCt |
|                                                                                        | 639.01         | 137.79   | <b>546.82</b>  | 501.22         | 7.00          |               | 9330.00              | 9278.10  |            |       |       | MinPt-EOU  |
|                                                                                        | 642.39         | 144.24   | <b>545.90</b>  | <b>498.15</b>  | 6.72          |               | 9794.44              | 9742.54  |            |       |       | MinPts     |
|                                                                                        | 643.08         | 145.25   | <b>545.92</b>  | 497.83         | 6.68          |               | 9940.00              | 9886.54  |            |       |       | MinPt-EOU  |
|                                                                                        | 643.25         | 145.48   | 545.94         | <b>497.77</b>  | 6.67          |               | 9970.00              | 9915.37  |            |       |       | MinPt-ADP  |
|                                                                                        | 645.27         | 146.36   | 547.36         | 498.90         | <b>6.65</b>   |               | 10080.00             | 10016.43 |            |       |       | MinPt-SF   |
|                                                                                        | <b>2355.42</b> | 134.56   | 2265.39        | 2220.86        | 26.44         |               | 12550.00             | 10324.41 |            |       |       | MinPt-CiCt |
|                                                                                        | <b>2357.66</b> | 147.60   | 2258.93        | 2210.05        | 24.11         |               | 13190.00             | 10320.42 |            |       |       | MinPt-CiCt |
|                                                                                        | 2358.71        | 151.18   | <b>2257.59</b> | 2207.53        | 23.55         |               | 13370.00             | 10319.30 |            |       |       | MinPt-EOU  |
|                                                                                        | 2359.42        | 152.03   | 2257.74        | <b>2207.39</b> | 23.42         |               | 13420.00             | 10318.99 |            |       |       | MinPt-ADP  |
|                                                                                        | 2364.79        | 157.44   | <b>2259.50</b> | 2207.35        | 22.66         |               | 13650.00             | 10317.55 |            |       |       | MinPt-EOU  |
|                                                                                        | <b>2362.59</b> | 179.64   | 2242.50        | 2182.95        | 19.83         |               | 14510.00             | 10312.19 |            |       |       | MinPt-CiCt |
|                                                                                        | <b>2352.36</b> | 197.28   | 2220.51        | 2155.08        | 17.97         |               | 15180.00             | 10308.02 |            |       |       | MinPt-CiCt |
|                                                                                        | 2360.00        | 217.32   | <b>2214.79</b> | 2142.67        | 16.36         |               | 15930.00             | 10303.35 |            |       |       | MinPt-EOU  |
|                                                                                        | 2364.44        | 224.01   | <b>2214.77</b> | 2140.43        | 15.90         |               | 16170.00             | 10301.85 |            |       |       | MinPt-EOU  |
|                                                                                        | 2365.04        | 224.66   | 2214.94        | <b>2140.38</b> | 15.85         |               | 16200.00             | 10301.66 |            |       |       | MinPt-ADP  |
|                                                                                        | <b>2370.69</b> | 233.87   | 2214.45        | 2136.82        | 15.26         |               | 16480.00             | 10299.92 |            |       |       | MinPt-CiCt |
|                                                                                        | 2371.73        | 236.87   | <b>2213.49</b> | 2134.86        | 15.08         |               | 16610.00             | 10299.11 |            |       |       | MinPt-EOU  |
|                                                                                        | 2374.04        | 239.59   | 2213.98        | <b>2134.45</b> | 14.92         |               | 16720.00             | 10298.42 |            |       |       | MinPt-ADP  |
|                                                                                        | <b>2374.84</b> | 243.89   | 2211.91        | 2130.94        | 14.66         |               | 16820.00             | 10297.80 |            |       |       | MinPt-CiCt |
|                                                                                        | <b>2373.55</b> | 254.88   | 2203.30        | 2118.66        | 14.02         |               | 17190.00             | 10295.49 |            |       |       | MinPt-CiCt |
|                                                                                        | <b>2371.54</b> | 269.74   | 2191.39        | 2101.80        | 13.23         |               | 17690.00             | 10292.38 |            |       |       | MinPt-CiCt |
|                                                                                        | 2372.54        | 273.08   | <b>2190.16</b> | 2099.46        | 13.07         |               | 17830.00             | 10291.51 |            |       |       | MinPt-EOU  |
|                                                                                        | 2378.26        | 284.55   | <b>2188.24</b> | 2093.72        | 12.58         |               | 18210.00             | 10289.14 |            |       |       | MinPt-EOU  |
|                                                                                        | 2379.38        | 285.89   | 2188.46        | <b>2093.49</b> | 12.52         |               | 18270.00             | 10288.77 |            |       |       | MinPt-ADP  |
|                                                                                        | 2390.42        | 295.35   | 2193.20        | <b>2095.08</b> | 12.18         |               | 18600.00             | 10286.71 |            |       |       | MinPt-ADP  |
|                                                                                        | <b>2389.41</b> | 313.43   | 2180.14        | 2075.99        | 11.47         |               | 19130.00             | 10283.41 |            |       |       | MinPt-CiCt |
|                                                                                        | 2389.72        | 314.35   | <b>2179.82</b> | 2075.37        | 11.43         |               | 19180.00             | 10283.09 |            |       |       | MinPt-EOU  |
|                                                                                        | 2391.32        | 317.03   | <b>2179.64</b> | 2074.29        | 11.34         |               | 19280.00             | 10282.47 |            |       |       | MinPt-EOU  |
|                                                                                        | 2393.19        | 320.15   | <b>2179.43</b> | 2073.04        | 11.24         |               | 19380.00             | 10281.85 |            |       |       | MinPt-EOU  |
|                                                                                        | 2393.79        | 320.82   | 2179.58        | <b>2072.97</b> | 11.22         |               | 19410.00             | 10281.66 |            |       |       | MinPt-ADP  |
|                                                                                        | <b>2401.96</b> | 342.61   | 2173.22        | 2059.35        | 10.54         |               | 20070.00             | 10277.55 |            |       |       | MinPt-CiCt |
|                                                                                        | 2402.56        | 344.57   | <b>2172.52</b> | 2057.99        | 10.48         |               | 20160.00             | 10276.99 |            |       |       | MinPt-EOU  |

| Offset Trajectory                                                                                 | Separation |          |          | Allow<br>Dev. (ft) | Sep.<br>Fact. | Breaking<br>Rule | Reference Trajectory |          | Risk Level |       |       | Alert      |
|---------------------------------------------------------------------------------------------------|------------|----------|----------|--------------------|---------------|------------------|----------------------|----------|------------|-------|-------|------------|
|                                                                                                   | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                    |               |                  | MD (ft)              | TVD (ft) | Alert      | Minor | Major |            |
|                                                                                                   | 2403.50    | 347.90   | 2171.24  | 2055.60            | 10.39         |                  | 20240.00             | 10276.49 |            |       |       | MinPt-CtCt |
|                                                                                                   | 2406.03    | 353.29   | 2170.17  | 2052.74            | 10.24         |                  | 20450.00             | 10275.18 |            |       |       | MinPt-EOU  |
|                                                                                                   | 2406.61    | 354.14   | 2170.19  | 2052.47            | 10.22         |                  | 20479.05             | 10275.00 |            |       |       | MinPts     |
| 30-025-46754 - HEMLOCK 32 STATE 203H - MWD to 14496ft - A (DefinitiveSurvey) - Pass               |            |          |          |                    |               |                  |                      |          |            |       |       |            |
|                                                                                                   | 745.69     | 32.81    | 742.30   | 712.88             | 525.79        |                  | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                                   | 745.67     | 32.81    | 742.28   | 712.87             | 525.58        |                  | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                                   | 739.19     | 32.81    | 724.97   | 706.38             | 60.26         |                  | 1290.00              | 1290.00  |            |       |       | MinPt-EOU  |
|                                                                                                   | 466.68     | 84.11    | 410.07   | 382.57             | 8.46          |                  | 5375.36              | 5332.60  |            |       |       | MinPt-CtCt |
|                                                                                                   | 467.05     | 85.25    | 409.68   | 381.80             | 8.35          |                  | 5450.00              | 5406.32  |            |       |       | MinPt-EOU  |
|                                                                                                   | 467.17     | 85.40    | 409.70   | 381.77             | 8.33          |                  | 5460.00              | 5416.19  |            |       |       | MinPt-ADP  |
|                                                                                                   | 476.04     | 88.14    | 416.74   | 387.90             | 8.22          |                  | 5650.00              | 5603.86  |            |       |       | MinPt-SF   |
|                                                                                                   | 620.21     | 128.34   | 534.12   | 491.88             | 7.32          |                  | 8440.00              | 8388.10  |            |       |       | MinPt-CtCt |
|                                                                                                   | 620.33     | 128.70   | 533.99   | 491.63             | 7.30          |                  | 8470.00              | 8418.10  |            |       |       | MinPt-EOU  |
|                                                                                                   | 620.43     | 128.82   | 534.01   | 491.61             | 7.30          |                  | 8480.00              | 8428.10  |            |       |       | MinPt-ADP  |
|                                                                                                   | 635.01     | 137.19   | 543.01   | 497.82             | 7.01          |                  | 9080.00              | 9028.10  |            |       |       | MinPt-SF   |
|                                                                                                   | 10573.97   | 160.14   | 10466.71 | 10413.84           | 99.97         |                  | 20479.05             | 10275.00 |            |       |       | TD         |
| 30-025-45523 - HEMLOCK 32 STATE 703H - MWD to 17405ft - A (DefinitiveSurvey) - Pass               |            |          |          |                    |               |                  |                      |          |            |       |       |            |
|                                                                                                   | 667.82     | 32.81    | 664.43   | 635.01             | 470.74        |                  | 0.00                 | 0.00     |            |       |       | MinPts     |
|                                                                                                   | 667.84     | 32.81    | 664.45   | 635.04             | 470.64        |                  | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                                   | 521.32     | 59.90    | 480.80   | 461.42             | 13.40         |                  | 3850.00              | 3826.00  |            |       |       | MinPt-CtCt |
|                                                                                                   | 521.74     | 61.19    | 480.36   | 460.55             | 13.12         |                  | 3930.00              | 3905.01  |            |       |       | MinPt-EOU  |
|                                                                                                   | 522.27     | 61.83    | 480.47   | 460.44             | 13.00         |                  | 3970.00              | 3944.52  |            |       |       | MinPt-ADP  |
|                                                                                                   | 544.15     | 73.73    | 494.41   | 470.42             | 11.30         |                  | 4720.00              | 4685.29  |            |       |       | MinPt-CtCt |
|                                                                                                   | 544.29     | 74.19    | 494.24   | 470.09             | 11.24         |                  | 4750.00              | 4714.93  |            |       |       | MinPt-EOU  |
|                                                                                                   | 544.53     | 74.50    | 494.28   | 470.04             | 11.19         |                  | 4770.00              | 4734.68  |            |       |       | MinPt-ADP  |
|                                                                                                   | 561.70     | 78.54    | 508.80   | 483.16             | 10.92         |                  | 5060.00              | 5021.11  |            |       |       | MinPt-SF   |
|                                                                                                   | 779.34     | 140.24   | 685.31   | 639.10             | 8.42          |                  | 9300.00              | 9248.10  |            |       |       | MinPt-EOU  |
|                                                                                                   | 777.94     | 147.18   | 679.28   | 630.76             | 8.00          |                  | 9810.00              | 9758.10  |            |       |       | MinPt-CtCt |
|                                                                                                   | 777.96     | 147.25   | 679.25   | 630.71             | 8.00          |                  | 9820.00              | 9768.09  |            |       |       | MinPt-EOU  |
|                                                                                                   | 778.01     | 147.32   | 679.26   | 630.69             | 7.99          |                  | 9830.00              | 9778.08  |            |       |       | MinPt-ADP  |
|                                                                                                   | 780.38     | 148.06   | 681.13   | 632.32             | 7.98          |                  | 9930.00              | 9876.84  |            |       |       | MinPt-SF   |
|                                                                                                   | 10533.52   | 165.87   | 10422.44 | 10367.65           | 96.11         |                  | 20479.05             | 10275.00 |            |       |       | TD         |
| 30-025-40702 - CABO BLANCO STATE 1H - Gyro+MWD to 15472ft - A (DefinitiveSurvey) - Pass           |            |          |          |                    |               |                  |                      |          |            |       |       |            |
|                                                                                                   | 1277.70    | 32.81    | 1274.30  | 1244.89            | 901.91        |                  | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                                   | 1277.66    | 32.81    | 1274.27  | 1244.85            | 901.44        |                  | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                                   | 1265.84    | 32.81    | 1251.53  | 1233.03            | 102.46        |                  | 1290.00              | 1290.00  |            |       |       | MinPt-EOU  |
|                                                                                                   | 701.37     | 97.27    | 635.98   | 604.09             | 10.97         |                  | 6400.00              | 6348.10  |            |       |       | MinPt-CtCt |
|                                                                                                   | 700.38     | 112.92   | 624.56   | 587.46             | 9.42          |                  | 7490.00              | 7438.10  |            |       |       | MinPt-CtCt |
|                                                                                                   | 701.16     | 115.79   | 623.43   | 585.37             | 9.19          |                  | 7690.00              | 7638.10  |            |       |       | MinPt-EOU  |
|                                                                                                   | 701.76     | 116.50   | 623.55   | 585.26             | 9.14          |                  | 7740.00              | 7688.10  |            |       |       | MinPt-ADP  |
|                                                                                                   | 705.89     | 120.26   | 625.18   | 585.63             | 8.90          |                  | 8000.00              | 7948.10  |            |       |       | MinPt-EOU  |
|                                                                                                   | 657.75     | 148.55   | 558.19   | 509.21             | 6.70          |                  | 10299.87             | 10184.92 |            |       |       | MinPt-CtCt |
|                                                                                                   | 657.75     | 148.55   | 558.19   | 509.21             | 6.70          |                  | 10300.00             | 10185.01 |            |       |       | MinPts     |
|                                                                                                   | 657.81     | 148.58   | 558.22   | 509.23             | 6.70          |                  | 10310.00             | 10191.29 |            |       |       | MinPt-SF   |
|                                                                                                   | 997.65     | 127.58   | 912.06   | 870.07             | 11.86         |                  | 11220.00             | 10332.70 |            |       |       | MinPt-CtCt |
|                                                                                                   | 997.72     | 127.79   | 911.99   | 869.93             | 11.84         |                  | 11240.00             | 10332.57 |            |       |       | MinPt-EOU  |
|                                                                                                   | 997.80     | 127.90   | 912.00   | 869.90             | 11.83         |                  | 11250.00             | 10332.51 |            |       |       | MinPt-ADP  |
|                                                                                                   | 1002.41    | 132.17   | 913.75   | 870.24             | 11.50         |                  | 11490.00             | 10331.01 |            |       |       | MinPt-ADP  |
|                                                                                                   | 1035.30    | 154.12   | 932.05   | 881.18             | 10.16         |                  | 12400.00             | 10325.34 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1036.71    | 158.18   | 930.75   | 878.53             | 9.91          |                  | 12560.00             | 10324.35 |            |       |       | MinPt-EOU  |
|                                                                                                   | 1038.92    | 160.73   | 931.26   | 878.19             | 9.77          |                  | 12660.00             | 10323.72 |            |       |       | MinPt-ADP  |
|                                                                                                   | 1037.61    | 180.94   | 916.48   | 856.67             | 8.66          |                  | 13310.00             | 10319.67 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1024.94    | 205.46   | 887.46   | 819.48             | 7.53          |                  | 14020.00             | 10315.25 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1024.63    | 223.01   | 875.46   | 801.62             | 6.93          |                  | 14460.00             | 10312.51 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1025.48    | 225.46   | 874.67   | 800.02             | 6.86          |                  | 14550.00             | 10311.95 |            |       |       | MinPt-EOU  |
|                                                                                                   | 1026.39    | 226.51   | 874.89   | 799.88             | 6.83          |                  | 14590.00             | 10311.70 |            |       |       | MinPt-ADP  |
|                                                                                                   | 1043.34    | 240.24   | 882.68   | 803.10             | 6.55          |                  | 14990.00             | 10309.20 |            |       |       | MinPt-SF   |
|                                                                                                   | 5634.54    | 171.77   | 5519.53  | 5462.78            | 49.63         |                  | 20479.05             | 10275.00 |            |       |       | TD         |
| 30-025-47140 - HEARTTHROB 17 STATE 204H - IFR1 to 14522ft - A (DefinitiveSurvey) - Pass           |            |          |          |                    |               |                  |                      |          |            |       |       |            |
|                                                                                                   | 10957.97   | 32.81    | 10954.57 | 10925.16           | 7745.87       |                  | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                                   | 10957.84   | 32.81    | 10954.45 | 10925.03           | 7744.93       |                  | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                                   | 10954.40   | 32.81    | 10948.63 | 10921.60           | 2889.41       |                  | 470.00               | 470.00   |            |       |       | MinPts     |
|                                                                                                   | 10956.19   | 32.81    | 10947.20 | 10923.38           | 1563.22       |                  | 850.00               | 850.00   |            |       |       | MinPt-EOU  |
|                                                                                                   | 10494.07   | 125.73   | 10409.71 | 10368.34           | 126.81        |                  | 8100.00              | 8048.10  |            |       |       | MinPt-CtCt |
|                                                                                                   | 10494.61   | 127.28   | 10409.22 | 10367.34           | 125.25        |                  | 8250.00              | 8198.10  |            |       |       | MinPt-EOU  |
|                                                                                                   | 10495.42   | 128.24   | 10409.39 | 10367.18           | 124.31        |                  | 8340.00              | 8288.10  |            |       |       | MinPt-ADP  |
|                                                                                                   | 10534.91   | 143.91   | 10438.44 | 10391.01           | 111.04        |                  | 9560.00              | 9508.10  |            |       |       | MinPts     |
|                                                                                                   | 10543.37   | 145.19   | 10446.04 | 10398.18           | 110.13        |                  | 9794.44              | 9742.54  |            |       |       | MinPt-SF   |
|                                                                                                   | 787.96     | 225.75   | 636.97   | 562.22             | 5.26          |                  | 20479.05             | 10275.00 |            |       |       | MinPts     |
| 30-025-40571-0100 - EATA FAJITA STATE 3H ST01 - Gyro+MWD to 15640ft - A (DefinitiveSurvey) - Pass |            |          |          |                    |               |                  |                      |          |            |       |       |            |
|                                                                                                   | 10154.39   | 32.81    | 10151.00 | 10121.58           | 7177.74       |                  | 0.00                 | 0.00     |            |       |       | Surface    |
|                                                                                                   | 10154.27   | 32.81    | 10150.87 | 10121.46           | 7176.94       |                  | 23.00                | 23.00    |            |       |       | WRP        |
|                                                                                                   | 10154.18   | 32.81    | 10150.78 | 10121.37           | 7128.21       |                  | 70.00                | 70.00    |            |       |       | MinPts     |
|                                                                                                   | 10154.19   | 32.81    | 10150.78 | 10121.38           | 7105.37       |                  | 80.00                | 80.00    |            |       |       | MinPt-EOU  |
|                                                                                                   | 10157.56   | 32.81    | 10151.18 | 10124.75           | 2308.00       |                  | 550.00               | 550.00   |            |       |       | MinPt-EOU  |
|                                                                                                   | 10163.77   | 32.81    | 10149.90 | 10130.97           | 853.94        |                  | 1290.00              | 1290.00  |            |       |       | MinPt-EOU  |
|                                                                                                   | 10162.72   | 32.81    | 10145.23 | 10129.91           | 646.07        |                  | 1650.00              | 1650.00  |            |       |       | MinPts     |
|                                                                                                   | 10163.56   | 32.81    | 10144.62 | 10130.75           | 591.36        |                  | 1790.00              | 1789.86  |            |       |       | MinPt-EOU  |
|                                                                                                   | 1290.54    | 255.58   | 1119.65  | 1034.95            | 7.61          |                  | 15640.00             | 10305.15 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1290.55    | 255.70   | 1119.58  | 1034.85            | 7.61          |                  | 15650.00             | 10305.09 |            |       |       | MinPt-EOU  |
|                                                                                                   | 1290.64    | 255.81   | 1119.60  | 1034.83            | 7.60          |                  | 15660.00             | 10305.03 |            |       |       | MinPt-ADP  |
|                                                                                                   | 1290.81    | 255.91   | 1119.71  | 1034.91            | 7.60          |                  | 15670.00             | 10304.97 |            |       |       | MinPt-SF   |
|                                                                                                   | 1295.39    | 247.88   | 1129.64  | 1047.51            | 7.88          |                  | 16060.00             | 10302.54 |            |       |       | MinPt-CtCt |
|                                                                                                   | 1296.18    | 238.51   | 1136.67  | 1057.67            | 8.19          |                  | 16840.00             | 10297.68 |            |       |       | MinPt-SF   |
|                                                                                                   | 1296.04    | 238.47   | 1136.56  | 1057.57            | 8.19          |                  | 16860.00             | 10297.55 |            |       |       | MinPt-ADP  |

| Offset Trajectory | Separation |          |          | Allow Dev. (ft) | Sep. Fact. | Breaking Rule | Reference Trajectory |          | Risk Level |       |       | Alert      |
|-------------------|------------|----------|----------|-----------------|------------|---------------|----------------------|----------|------------|-------|-------|------------|
|                   | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                 |            |               | MD (ft)              | TVD (ft) | Alert      | Minor | Major |            |
| 1296.01           | 238.43     | 1136.55  | 1057.58  | 8.20            |            |               | 16870.00             | 10297.49 |            |       |       | MinPt-EOU  |
| 1287.91           | 236.29     | 1129.89  | 1051.63  | 8.22            |            |               | 17250.00             | 10295.12 |            |       |       | MinPts     |
| 1286.17           | 235.65     | 1128.57  | 1050.52  | 8.23            |            |               | 17450.00             | 10293.87 |            |       |       | MinPt-CtCt |
| 1286.18           | 235.69     | 1128.56  | 1050.49  | 8.23            |            |               | 17460.00             | 10293.81 |            |       |       | MinPts     |
| 1286.60           | 235.84     | 1128.88  | 1050.77  | 8.23            |            |               | 17510.00             | 10293.50 |            |       |       | MinPt-SF   |
| 1291.37           | 235.59     | 1133.80  | 1055.77  | 8.27            |            |               | 17780.00             | 10291.82 |            |       |       | MinPt-SF   |
| 1295.22           | 236.24     | 1137.23  | 1058.99  | 8.27            |            |               | 18020.00             | 10290.32 |            |       |       | MinPt-SF   |
| 1299.00           | 237.14     | 1140.41  | 1061.86  | 8.26            |            |               | 18320.00             | 10288.45 |            |       |       | MinPt-CtCt |
| 1299.10           | 237.47     | 1140.29  | 1061.63  | 8.25            |            |               | 18360.00             | 10288.20 |            |       |       | MinPt-EOU  |
| 1299.25           | 237.64     | 1140.32  | 1061.61  | 8.24            |            |               | 18380.00             | 10288.08 |            |       |       | MinPt-ADP  |
| 1317.39           | 243.61     | 1154.48  | 1073.78  | 8.15            |            |               | 18990.00             | 10284.28 |            |       |       | MinPt-SF   |
| 1350.31           | 249.34     | 1183.59  | 1100.97  | 8.16            |            |               | 19440.00             | 10281.47 |            |       |       | MinPt-SF   |
| 963.63            | 277.31     | 778.26   | 686.32   | 5.23            |            |               | 20387.24             | 10275.57 |            |       |       | MinPt-CtCt |
| 963.71            | 277.51     | 778.20   | 686.20   | 5.23            |            |               | 20400.00             | 10275.49 |            |       |       | MinPts     |
| 964.18            | 277.77     | 778.50   | 686.41   | 5.23            |            |               | 20420.00             | 10275.37 |            |       |       | MinPt-SF   |
| 967.99            | 278.09     | 782.10   | 689.90   | 5.24            |            |               | 20479.05             | 10275.00 |            |       |       | TD         |

## 30-025-40571 - EATA FAJITA STATE 3H - Gyro to 12236ft - A (DefinitiveSurvey) - Pass

|          |        |          |          |         |  |  |          |          |  |  |  |            |
|----------|--------|----------|----------|---------|--|--|----------|----------|--|--|--|------------|
| 10154.39 | 32.81  | 10151.00 | 10121.58 | 7177.74 |  |  | 0.00     | 0.00     |  |  |  | Surface    |
| 10154.27 | 32.81  | 10150.87 | 10121.46 | 7176.94 |  |  | 23.00    | 23.00    |  |  |  | WRP        |
| 10154.18 | 32.81  | 10150.78 | 10121.37 | 7128.21 |  |  | 70.00    | 70.00    |  |  |  | MinPts     |
| 10154.19 | 32.81  | 10150.78 | 10121.38 | 7105.37 |  |  | 80.00    | 80.00    |  |  |  | MinPt-EOU  |
| 10157.56 | 32.81  | 10151.18 | 10124.75 | 2308.00 |  |  | 550.00   | 550.00   |  |  |  | MinPt-EOU  |
| 10163.77 | 32.81  | 10149.90 | 10130.97 | 853.94  |  |  | 1290.00  | 1290.00  |  |  |  | MinPt-EOU  |
| 10162.72 | 32.81  | 10145.23 | 10129.91 | 646.07  |  |  | 1650.00  | 1650.00  |  |  |  | MinPts     |
| 10163.56 | 32.81  | 10144.62 | 10130.75 | 591.36  |  |  | 1790.00  | 1789.86  |  |  |  | MinPt-EOU  |
| 10194.74 | 44.39  | 10164.56 | 10150.35 | 358.62  |  |  | 2810.00  | 2798.79  |  |  |  | MinPts     |
| 10200.81 | 49.00  | 10167.55 | 10151.80 | 323.84  |  |  | 3090.00  | 3075.35  |  |  |  | MinPts     |
| 10213.52 | 61.55  | 10171.90 | 10151.97 | 256.19  |  |  | 3940.00  | 3914.89  |  |  |  | MinPt-EOU  |
| 10214.36 | 62.55  | 10172.08 | 10151.81 | 251.99  |  |  | 4020.00  | 3993.91  |  |  |  | MinPt-ADP  |
| 10304.46 | 97.77  | 10238.74 | 10206.69 | 160.72  |  |  | 6320.00  | 6268.12  |  |  |  | MinPt-ADP  |
| 10313.35 | 115.74 | 10235.65 | 10197.61 | 135.53  |  |  | 7590.00  | 7538.10  |  |  |  | MinPt-EOU  |
| 10303.82 | 133.21 | 10214.48 | 10170.61 | 117.43  |  |  | 8770.00  | 8718.10  |  |  |  | MinPt-CtCt |
| 10301.93 | 144.70 | 10204.92 | 10157.22 | 107.98  |  |  | 9570.00  | 9518.10  |  |  |  | MinPt-CtCt |
| 10302.31 | 146.17 | 10204.32 | 10156.13 | 106.89  |  |  | 9700.00  | 9648.10  |  |  |  | MinPt-EOU  |
| 10302.78 | 146.74 | 10204.41 | 10156.04 | 106.47  |  |  | 9770.00  | 9718.10  |  |  |  | MinPt-ADP  |
| 963.63   | 277.31 | 778.26   | 686.32   | 5.23    |  |  | 20387.24 | 10275.57 |  |  |  | MinPt-CtCt |
| 963.71   | 277.51 | 778.20   | 686.20   | 5.23    |  |  | 20400.00 | 10275.49 |  |  |  | MinPts     |
| 964.18   | 277.77 | 778.50   | 686.41   | 5.23    |  |  | 20420.00 | 10275.37 |  |  |  | MinPt-SF   |
| 967.99   | 278.09 | 782.10   | 689.90   | 5.24    |  |  | 20479.05 | 10275.00 |  |  |  | TD         |

## 30-025-48387 - HEARTTHROB 17 STATE 102H - IFR1 to 14376ft - A (DefinitiveSurvey) - Pass

|          |        |          |          |         |  |  |          |          |  |  |  |            |
|----------|--------|----------|----------|---------|--|--|----------|----------|--|--|--|------------|
| 10957.48 | 32.81  | 10954.09 | 10924.67 | 7745.54 |  |  | 0.00     | 0.00     |  |  |  | Surface    |
| 10957.35 | 32.81  | 10953.96 | 10924.54 | 7744.56 |  |  | 23.00    | 23.00    |  |  |  | WRP        |
| 10957.24 | 32.81  | 10953.84 | 10924.43 | 7692.07 |  |  | 70.00    | 70.00    |  |  |  | MinPts     |
| 10957.25 | 32.81  | 10953.83 | 10924.44 | 7638.36 |  |  | 90.00    | 90.00    |  |  |  | MinPt-EOU  |
| 10957.52 | 32.81  | 10953.81 | 10924.71 | 6329.84 |  |  | 200.00   | 200.00   |  |  |  | MinPt-EOU  |
| 10959.02 | 32.81  | 10954.13 | 10926.21 | 3766.87 |  |  | 400.00   | 400.00   |  |  |  | MinPt-EOU  |
| 10959.71 | 32.81  | 10954.15 | 10926.90 | 3064.28 |  |  | 480.00   | 480.00   |  |  |  | MinPt-EOU  |
| 10467.95 | 116.04 | 10390.05 | 10351.90 | 137.20  |  |  | 7260.00  | 7208.10  |  |  |  | MinPt-CtCt |
| 10468.90 | 120.01 | 10388.36 | 10348.89 | 132.61  |  |  | 7600.00  | 7548.10  |  |  |  | MinPt-EOU  |
| 10471.14 | 122.62 | 10388.86 | 10348.52 | 129.78  |  |  | 7820.00  | 7768.10  |  |  |  | MinPt-ADP  |
| 10539.63 | 143.61 | 10443.36 | 10396.03 | 111.32  |  |  | 9794.44  | 9742.54  |  |  |  | MinPt-SF   |
| 1043.91  | 224.40 | 893.81   | 819.51   | 7.01    |  |  | 20479.05 | 10275.00 |  |  |  | MinPts     |

## 30-025-47139 - HEARTTHROB 17 STATE 203H - IFR1 to 14489ft - A (DefinitiveSurvey) - Pass

|          |        |          |          |         |  |  |          |          |  |  |  |            |
|----------|--------|----------|----------|---------|--|--|----------|----------|--|--|--|------------|
| 10958.52 | 32.81  | 10955.12 | 10925.71 | 7746.26 |  |  | 0.00     | 0.00     |  |  |  | Surface    |
| 10958.39 | 32.81  | 10955.00 | 10925.58 | 7745.32 |  |  | 23.00    | 23.00    |  |  |  | WRP        |
| 10958.28 | 32.81  | 10954.88 | 10925.48 | 7692.80 |  |  | 70.00    | 70.00    |  |  |  | MinPts     |
| 10959.32 | 32.81  | 10954.63 | 10926.51 | 4043.37 |  |  | 370.00   | 370.00   |  |  |  | MinPt-EOU  |
| 10959.62 | 32.81  | 10954.63 | 10926.81 | 3639.98 |  |  | 410.00   | 410.00   |  |  |  | MinPt-EOU  |
| 10961.39 | 32.81  | 10954.58 | 10928.59 | 2266.59 |  |  | 620.00   | 620.00   |  |  |  | MinPt-EOU  |
| 10962.75 | 32.81  | 10954.40 | 10929.94 | 1718.82 |  |  | 780.00   | 780.00   |  |  |  | MinPt-EOU  |
| 10769.10 | 47.39  | 10736.92 | 10721.71 | 353.95  |  |  | 2750.00  | 2739.53  |  |  |  | MinPt-CtCt |
| 10725.83 | 70.31  | 10678.37 | 10655.52 | 234.67  |  |  | 4290.00  | 4260.58  |  |  |  | MinPt-CtCt |
| 10513.61 | 124.43 | 10430.12 | 10389.18 | 128.39  |  |  | 8080.00  | 8028.10  |  |  |  | MinPt-CtCt |
| 10514.16 | 125.99 | 10429.63 | 10388.17 | 126.79  |  |  | 8230.00  | 8178.10  |  |  |  | MinPt-EOU  |
| 10514.57 | 126.50 | 10429.70 | 10388.07 | 126.27  |  |  | 8280.00  | 8228.10  |  |  |  | MinPt-ADP  |
| 10577.69 | 142.38 | 10482.24 | 10435.32 | 112.70  |  |  | 9794.44  | 9742.54  |  |  |  | MinPt-SF   |
| 1095.09  | 238.99 | 935.27   | 856.11   | 6.91    |  |  | 20479.05 | 10275.00 |  |  |  | MinPts     |

## 30-025-42506 - EATA FAJITA STATE 12H - MWD to 14092ft - A (DefinitiveSurvey) - Pass

|          |        |          |          |         |  |  |          |          |  |  |  |            |
|----------|--------|----------|----------|---------|--|--|----------|----------|--|--|--|------------|
| 10152.81 | 32.81  | 10149.42 | 10120.00 | 7176.68 |  |  | 0.00     | 0.00     |  |  |  | Surface    |
| 10152.67 | 32.81  | 10149.27 | 10119.86 | 7175.50 |  |  | 23.00    | 23.00    |  |  |  | WRP        |
| 5524.56  | 149.57 | 5424.31  | 5374.99  | 55.99   |  |  | 9650.00  | 9598.10  |  |  |  | MinPt-CtCt |
| 5524.61  | 149.69 | 5424.28  | 5374.92  | 55.95   |  |  | 9670.00  | 9618.10  |  |  |  | MinPt-EOU  |
| 5524.66  | 149.75 | 5424.29  | 5374.91  | 55.93   |  |  | 9680.00  | 9628.10  |  |  |  | MinPt-ADP  |
| 5526.54  | 150.07 | 5425.95  | 5376.47  | 55.82   |  |  | 9794.44  | 9742.54  |  |  |  | MinPt-SF   |
| 1328.68  | 269.38 | 1148.60  | 1059.30  | 7.43    |  |  | 15510.00 | 10305.96 |  |  |  | MinPt-SF   |
| 1327.05  | 268.47 | 1147.57  | 1058.58  | 7.45    |  |  | 15620.00 | 10305.28 |  |  |  | MinPt-SF   |
| 1327.02  | 268.46 | 1147.55  | 1058.56  | 7.45    |  |  | 15630.00 | 10305.22 |  |  |  | MinPts     |
| 1327.01  | 268.45 | 1147.55  | 1058.57  | 7.45    |  |  | 15640.00 | 10305.15 |  |  |  | MinPt-CtCt |
| 1333.23  | 256.65 | 1161.63  | 1076.58  | 7.83    |  |  | 16180.00 | 10301.79 |  |  |  | MinPts     |
| 1308.45  | 250.12 | 1141.20  | 1058.33  | 7.89    |  |  | 16700.00 | 10298.55 |  |  |  | MinPt-SF   |
| 1306.20  | 249.62 | 1139.28  | 1056.57  | 7.89    |  |  | 16840.00 | 10297.68 |  |  |  | MinPt-SF   |
| 1306.11  | 249.59 | 1139.21  | 1056.52  | 7.89    |  |  | 16870.00 | 10297.49 |  |  |  | MinPts     |
| 1320.31  | 242.85 | 1157.91  | 1077.46  | 8.20    |  |  | 17800.00 | 10291.69 |  |  |  | MinPt-CtCt |
| 1320.37  | 243.06 | 1157.83  | 1077.31  | 8.19    |  |  | 17830.00 | 10291.51 |  |  |  | MinPt-EOU  |
| 1320.42  | 243.13 | 1157.84  | 1077.30  | 8.19    |  |  | 17840.00 | 10291.44 |  |  |  | MinPt-ADP  |
| 1320.50  | 243.17 | 1157.89  | 1077.33  | 8.19    |  |  | 17850.00 | 10291.38 |  |  |  | MinPt-SF   |

| Offset Trajectory                                                                   | Separation |          |          | Allow<br>Dev. (ft) | Sep.<br>Fact. | Breaking<br>Rule | Reference Trajectory |          | Risk Level |       |       | Alert      |
|-------------------------------------------------------------------------------------|------------|----------|----------|--------------------|---------------|------------------|----------------------|----------|------------|-------|-------|------------|
|                                                                                     | Ct-Ct (ft) | MAS (ft) | EOU (ft) |                    |               |                  | MD (ft)              | TVD (ft) | Alert      | Minor | Major |            |
| 1320.01                                                                             |            | 242.63   | 1157.76  | 1077.38            | 8.20          |                  | 18110.00             | 10289.76 |            |       |       | MinPt-SF   |
| 1319.97                                                                             |            | 242.59   | 1157.75  | 1077.38            | 8.20          |                  | 18120.00             | 10289.70 |            |       |       | MinPts     |
| 1312.18                                                                             |            | 243.65   | 1149.24  | 1068.52            | 8.12          |                  | 18490.00             | 10287.39 |            |       |       | MinPt-CtCt |
| 1312.19                                                                             |            | 243.76   | 1149.15  | 1068.43            | 8.12          |                  | 18500.00             | 10287.33 |            |       |       | MinPts     |
| 1298.83                                                                             |            | 247.41   | 1133.39  | 1051.42            | 7.91          |                  | 19098.20             | 10283.60 |            |       |       | MinPt-CtCt |
| 1299.12                                                                             |            | 248.20   | 1133.16  | 1050.92            | 7.89          |                  | 19140.00             | 10283.34 |            |       |       | MinPt-EOU  |
| 1299.27                                                                             |            | 248.38   | 1133.19  | 1050.89            | 7.89          |                  | 19150.00             | 10283.28 |            |       |       | MinPt-ADP  |
| 1309.53                                                                             |            | 251.84   | 1141.13  | 1057.69            | 7.84          |                  | 19360.00             | 10281.97 |            |       |       | MinPt-SF   |
| 1579.91                                                                             |            | 258.84   | 1406.85  | 1321.07            | 9.20          |                  | 20479.05             | 10275.00 |            |       |       | TD         |
| 30-025-46753 - HEMLOCK 32 STATE 202H - MWD to 14813ft - A (DefinitiveSurvey) - Pass |            |          |          |                    |               |                  |                      |          |            |       |       |            |
| 1325.23                                                                             |            | 32.81    | 1321.84  | 1292.43            | 935.52        |                  | 0.00                 | 0.00     |            |       |       | MinPts     |
| 1325.25                                                                             |            | 32.81    | 1321.86  | 1292.44            | 935.49        |                  | 23.00                | 23.00    |            |       |       | WRP        |
| 1324.15                                                                             |            | 34.51    | 1300.56  | 1289.64            | 60.57         |                  | 2220.22              | 2216.27  |            |       |       | MinPt-CtCt |
| 1324.84                                                                             |            | 36.39    | 1299.99  | 1288.45            | 57.31         |                  | 2350.00              | 2344.46  |            |       |       | MinPt-EOU  |
| 1326.12                                                                             |            | 38.02    | 1300.18  | 1288.09            | 54.78         |                  | 2460.00              | 2453.10  |            |       |       | MinPt-ADP  |
| 1332.97                                                                             |            | 44.34    | 1302.82  | 1288.63            | 46.90         |                  | 2870.00              | 2858.06  |            |       |       | MinPt-EOU  |
| 1327.07                                                                             |            | 55.46    | 1289.51  | 1271.62            | 37.02         |                  | 3580.00              | 3559.31  |            |       |       | MinPt-CtCt |
| 1327.22                                                                             |            | 56.19    | 1289.17  | 1271.03            | 36.53         |                  | 3630.00              | 3608.70  |            |       |       | MinPt-EOU  |
| 1327.55                                                                             |            | 56.59    | 1289.24  | 1270.97            | 36.27         |                  | 3656.47              | 3634.85  |            |       |       | MinPt-ADP  |
| 1330.73                                                                             |            | 59.38    | 1290.56  | 1271.35            | 34.60         |                  | 3830.00              | 3806.24  |            |       |       | MinPt-EOU  |
| 1330.97                                                                             |            | 59.66    | 1290.61  | 1271.30            | 34.43         |                  | 3850.00              | 3826.00  |            |       |       | MinPt-ADP  |
| 1372.53                                                                             |            | 91.94    | 1310.69  | 1280.58            | 22.77         |                  | 5920.00              | 5870.53  |            |       |       | MinPt-CtCt |
| 1326.58                                                                             |            | 139.01   | 1233.37  | 1187.57            | 14.47         |                  | 9260.00              | 9208.10  |            |       |       | MinPt-CtCt |
| 1326.71                                                                             |            | 139.46   | 1233.20  | 1187.25            | 14.42         |                  | 9300.00              | 9248.10  |            |       |       | MinPt-EOU  |
| 1326.89                                                                             |            | 139.69   | 1233.22  | 1187.20            | 14.40         |                  | 9320.00              | 9268.10  |            |       |       | MinPt-ADP  |
| 1329.30                                                                             |            | 140.75   | 1234.93  | 1188.55            | 14.31         |                  | 9430.00              | 9378.10  |            |       |       | MinPt-SF   |
| 10658.47                                                                            |            | 163.89   | 10548.71 | 10494.58           | 98.44         |                  | 20479.05             | 10275.00 |            |       |       | TD         |



Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25 Proposal Geodetic Report

Def Plan

|                               |                                                                     |                                   |                              |
|-------------------------------|---------------------------------------------------------------------|-----------------------------------|------------------------------|
| Report Date:                  | October 23, 2025 - 02:52 PM ( UTC 0 )                               | Survey / DLS Computation:         | Minimum Curvature / Lubinski |
| Client:                       | COTERRA                                                             | Vertical Section Azimuth:         | 179.610 (GRID North)         |
| Field:                        | NM Lea County (NAD 83)                                              | Vertical Section Origin:          | 0.000 ft, 0.000 ft           |
| Structure / Slot:             | Coterra - Tres Equis 5-8 State Pad Lot 3 / Tres Equis 5-8 State Com | TVD Reference Datum:              | RKB                          |
| Well:                         | Tres Equis 5-8 State Com 152H                                       | TVD Reference Elevation:          | 3679.100 ft above MSL        |
| Borehole:                     | Tres Equis 5-8 State Com 152H                                       | Seabed / Ground Elevation:        | 3656.100 ft above MSL        |
| UBHI / API#:                  | Unknown / Unknown                                                   | Magnetic Declination:             | 6.057°                       |
| Survey Name:                  | Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25              | Total Gravity Field Strength:     | 998.4383mgm (9.80665 Bases)  |
| Survey Date:                  | October 22, 2025                                                    | Gravity Model:                    | GARM                         |
| Tort / AHD / DDI / ERD Ratio: | 111.762' / 11038.855 ft / 6.388 / 1.068                             | Total Magnetic Field Strength:    | 47180.472 nT                 |
| Coordinate Reference System:  | NAD83 New Mexico State Plane, Eastern Zone, US Feet                 | Magnetic Dip Angle:               | 59.731°                      |
| Location Lat / Long:          | 32°15'10.9608"N, 103°35'50.6187"W                                   | Declination Date:                 | October 23, 2025             |
| Location Grid NIE YX:         | N 456570.630 RUS, E 768843.830 RUS                                  | Magnetic Declination Model:       | HOGM 2025                    |
| CRS Grid Convergence Angle:   | 0.393°                                                              | North Reference:                  | Grid North                   |
| Grid Scale Factor:            | 0.99996837(Applied)                                                 | Grid Convergence Used:            | 0.393°                       |
| Version / Patch:              | 2025.1.0.1                                                          | Total Corr Mag North->Grid North: | 5.664°                       |
|                               |                                                                     | Local Coord Referenced To:        | Well Head                    |

| Comments                                              | MD (ft)   | Incl (°) | Azim (°) | TVD (ft)  | TVDSS (ft) | VSEC (ft) | NS (ft)    | EW (ft) | Northing (RUS) | Eastings (RUS) | Latitude (°) | Longitude (°) | DLS (°/100ft) | BR (°/100ft) | TR (°/100ft) |
|-------------------------------------------------------|-----------|----------|----------|-----------|------------|-----------|------------|---------|----------------|----------------|--------------|---------------|---------------|--------------|--------------|
| SHL [327FNL, 1698FWL]                                 | 0.00      | 0.00     | 0.00     | 0.00      | -3.679.10  | 0.00      | 0.00       | 0.00    | 456,570.63     | 768,843.83     | 32.25304447  | -103.59739409 | 0.00          | 0.00         | 0.00         |
| Nudge, Build 2"/100ft                                 | 1,600.00  | 0.00     | 65.00    | 1,600.00  | -2,079.10  | 0.00      | 0.00       | 0.00    | 456,570.63     | 768,843.83     | 32.25304447  | -103.59739409 | 0.00          | 0.00         | 0.00         |
| Hold                                                  | 2,050.00  | 9.00     | 65.00    | 2,048.15  | -1,630.95  | -14.69    | 14.91      | 31.97   | 456,585.54     | 768,875.79     | 32.25308483  | -103.59729037 | 2.00          | 2.00         | 0.00         |
| Turn 2"/100ft                                         | 3,620.00  | 9.00     | 65.00    | 3,598.82  | -80.28     | -116.97   | 118.70     | 254.56  | 456,689.33     | 769,098.38     | 32.25336593  | -103.59656810 | 0.00          | 0.00         | 0.00         |
| Hold                                                  | 3,690.32  | 9.00     | 74.00    | 3,668.28  | -10.82     | -120.74   | 122.54     | 264.83  | 456,693.17     | 769,108.65     | 32.25337629  | -103.59653480 | 2.00          | -0.01        | 12.80        |
| Drop 2"/100ft                                         | 5,967.64  | 9.00     | 74.00    | 5,917.59  | 2,238.49   | -216.55   | 220.69     | 607.13  | 456,791.31     | 769,450.94     | 32.25363959  | -103.59542545 | 0.00          | 0.00         | 0.00         |
| Hold                                                  | 6,417.44  | 0.00     | 74.00    | 6,365.54  | 2,686.44   | -226.03   | 230.40     | 641.00  | 456,801.02     | 769,484.81     | 32.25366564  | -103.59531567 | 2.00          | -2.00        | 0.00         |
| KOP: Build 10"/100ft                                  | 9,794.44  | 0.00     | 74.00    | 9,742.54  | 6,063.44   | -226.03   | 230.40     | 641.00  | 456,801.02     | 769,484.81     | 32.25366564  | -103.59531567 | 0.00          | 0.00         | 0.00         |
| Build 5"/100ft                                        | 10,544.44 | 75.00    | 181.61   | 10,295.97 | 6,616.87   | 198.38    | -194.10    | 629.07  | 456,376.54     | 769,472.88     | 32.25249911  | -103.59536370 | 10.00         | 10.00        | 0.00         |
| Landing Point                                         | 10,851.64 | 90.36    | 181.61   | 10,335.00 | 6,655.90   | 501.97    | -497.76    | 620.53  | 456,072.88     | 769,464.34     | 32.25160462  | -103.59539806 | 5.00          | 5.00         | 0.00         |
| Turn 2"/100ft                                         | 10,951.64 | 90.36    | 181.61   | 10,334.37 | 6,655.27   | 601.91    | -597.72    | 617.72  | 455,972.93     | 769,461.53     | 32.25138993  | -103.59540937 | 0.00          | 0.00         | 0.00         |
| Hold                                                  | 11,051.63 | 90.36    | 179.61   | 10,333.74 | 6,654.64   | 701.89    | -697.71    | 616.66  | 455,872.95     | 769,460.47     | 32.25111514  | -103.59541504 | 2.00          | 0.00         | -2.00        |
| Tres Equis 5-8 State Com 152H - BHL [100FSL, 2310FWL] | 20,479.05 | 90.36    | 179.61   | 10,275.00 | 6,595.90   | 10,129.12 | -10,124.72 | 680.82  | 446,446.25     | 769,524.63     | 32.22520302  | -103.59541699 | 0.00          | 0.00         | 0.00         |

|                     |                                                   |      |                  |            |               |                  |                      |                                |                   |               |                                                  |
|---------------------|---------------------------------------------------|------|------------------|------------|---------------|------------------|----------------------|--------------------------------|-------------------|---------------|--------------------------------------------------|
| Survey Type:        | Def Plan                                          |      |                  |            |               |                  |                      |                                |                   |               |                                                  |
| Survey Error Model: | ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma |      |                  |            |               |                  |                      |                                |                   |               |                                                  |
| Survey Program:     |                                                   |      |                  |            |               |                  |                      |                                |                   |               |                                                  |
|                     | Description                                       | Part | MD From (ft)     | MD To (ft) | EOU Freq (ft) | Hole Size (in)   | Casing Diameter (in) | Expected Max Inclination (deg) | Survey Tool Code  | Vendor / Tool | Borehole / Survey                                |
|                     |                                                   | 1    | 0.000            | 9,700.000  | 1/100.000     | 5 – 12.25 – 8.75 | 3.375 – 9.625 – 7    |                                | A001Mb_MWD        |               | Tres Equis 5-8 State Com 152H / Coterra Tres Equ |
|                     |                                                   | 1    | 9,700.000        | 20,479.051 | 1/100.000     | 8.75 – 6         | 7 – 5                |                                | A008Mb_MWD+FR1+MS |               | Tres Equis 5-8 State Com 152H / Coterra Tres Equ |
| EOU Geometry:       |                                                   |      |                  |            |               |                  |                      |                                |                   |               |                                                  |
| End MD (ft)         | Hole Size (in)                                    |      | Casing Size (in) |            | Name          |                  |                      |                                |                   |               |                                                  |
| 1,365.000           | 17.500                                            |      | 13.375           |            |               |                  |                      |                                |                   |               |                                                  |
| 4,999.000           | 12.250                                            |      | 9.625            |            |               |                  |                      |                                |                   |               |                                                  |
| 11,816.000          | 8.750                                             |      | 7.000            |            |               |                  |                      |                                |                   |               |                                                  |
| 20,479.051          | 6.000                                             |      | 5.000            |            |               |                  |                      |                                |                   |               |                                                  |



Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25 Proposal Geodetic

Report  
Def Plan

Report Date: October 23, 2025 - 02:53 PM ( UTC 0 )  
Client: COTERRA  
Field: NM Lea County (NAD 83)  
Structure / Slot: Coterra - Tres Equis 5-8 State Pad Lot 3 / Tres Equis 5-8 State Com  
Well: Tres Equis 5-8 State Com 152H  
Borehole: Tres Equis 5-8 State Com 152H  
UBH / API#: Unknown / Unknown  
Survey Name: Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25  
Survey Date: October 23, 2025  
Tort / AHD / DDI / ERD Ratio: 111.762' / 11038.855 ft / 6.388' / 1.068  
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet  
Location Lat / Long: 32°15'10.96008"N, 103°35'50.61872"W  
Location Grid N/E Y/X: N 456570.630 RJUS, E 768843.830 RJUS  
CRS Grid Convergence Angle: 0.393"  
Grid Scale Factor: 0.99996837(Applied)  
Version / Patch: 2025.1.0.1

Survey / DLS Computation: Minimum Curvature / Lubinski  
Vertical Section Azimuth: 179.610 (°GRD North)  
Vertical Section Origin: 0.000 ft, 0.000 ft  
TVD Reference Datum: RKB  
TVD Reference Elevation: 3679.100 ft above MSL  
Sealed / Ground Elevation: 3656.100 ft above MSL  
Magnetic Declination: 6.057"  
Total Gravity Field Strength: 996.4383mgn (9.80665 Based)  
Gravity Model: GARM  
Total Magnetic Field Strength: 47180.472 nT  
Magnetic Dip Angle: 59.731°  
Declination Date: October 23, 2025  
Magnetic Declination Model: HDGM 2025  
North Reference: Grid North  
Grid Convergence Used: 0.393"  
Total Corr Mag North->Grid North: 5.664'  
Local Coord Referenced To: Well Head

| Comments                | MD<br>(ft) | Incl<br>(°) | Azim<br>(°) | TVD<br>(ft) | TVDSS<br>(ft) | VSEC<br>(ft) | NS<br>(ft) | EW<br>(ft) | Northing<br>(RUS) | Easting<br>(RUS) | Latitude<br>(°) | Longitude<br>(°) | DLS<br>(°/100ft) | BR<br>(°/100ft) | TR<br>(°/100ft) |
|-------------------------|------------|-------------|-------------|-------------|---------------|--------------|------------|------------|-------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|
| SHL [327°FNL, 1698°FWL] | 0.00       | 0.00        | 0.00        | 0.00        | -3.679.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    |                  |                 |                 |
|                         | 100.00     | 0.00        | 65.00       | 100.00      | -3.579.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 200.00     | 0.00        | 65.00       | 200.00      | -3.479.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 300.00     | 0.00        | 65.00       | 300.00      | -3.379.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 400.00     | 0.00        | 65.00       | 400.00      | -3.279.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 500.00     | 0.00        | 65.00       | 500.00      | -3.179.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 600.00     | 0.00        | 65.00       | 600.00      | -3.079.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 700.00     | 0.00        | 65.00       | 700.00      | -2.979.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 800.00     | 0.00        | 65.00       | 800.00      | -2.879.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 900.00     | 0.00        | 65.00       | 900.00      | -2.779.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
| Rustler                 | 1,000.00   | 0.00        | 65.00       | 1,000.00    | -2.679.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,100.00   | 0.00        | 65.00       | 1,100.00    | -2.579.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,200.00   | 0.00        | 65.00       | 1,200.00    | -2.479.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,247.00   | 0.00        | 65.00       | 1,247.00    | -2.432.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,300.00   | 0.00        | 65.00       | 1,300.00    | -2.379.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,352.00   | 0.00        | 65.00       | 1,352.00    | -2.327.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,400.00   | 0.00        | 65.00       | 1,400.00    | -2.279.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,496.00   | 0.00        | 65.00       | 1,496.00    | -2.183.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,500.00   | 0.00        | 65.00       | 1,500.00    | -2.179.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
|                         | 1,600.00   | 0.00        | 65.00       | 1,600.00    | -2.079.10     | 0.00         | 0.00       | 0.00       | 456,570.63        | 768,843.83       | 32.25304447     | -103.59739409    | 0.00             | 0.00            | 0.00            |
| Nudge, Build 2°/100ft   | 1,700.00   | 2.00        | 65.00       | 1,699.98    | -1.979.12     | -0.73        | 1.54       | 1.44       | 768,945.41        | 32.25304646      | -103.59738896   | 2.00             | 2.00             | 0.00            |                 |
|                         | 1,764.09   | 3.28        | 65.00       | 1,764.00    | -1.915.10     | -1.96        | 1.99       | 4.26       | 456,572.62        | 768,848.09       | 32.25304984     | -103.59738027    | 2.00             | 2.00            | 0.00            |
|                         | 1,800.00   | 4.00        | 65.00       | 1,799.84    | -1.879.26     | -2.91        | 2.95       | 6.32       | 456,573.58        | 768,850.15       | 32.25305245     | -103.59737357    | 2.00             | 2.00            | 0.00            |
|                         | 1,900.00   | 6.00        | 65.00       | 1,899.45    | -1.779.65     | -6.54        | 6.63       | 14.22      | 456,577.26        | 768,858.05       | 32.25306243     | -103.59734794    | 2.00             | 2.00            | 0.00            |
|                         | 2,000.00   | 8.00        | 65.00       | 1,998.70    | -1.680.40     | -11.61       | 11.78      | 25.27      | 456,582.41        | 768,869.10       | 32.25307638     | -103.59731210    | 2.00             | 2.00            | 0.00            |
|                         | 2,050.00   | 9.00        | 65.00       | 2,048.15    | -1.630.95     | -14.69       | 14.91      | 31.97      | 456,585.54        | 768,875.79       | 32.25308483     | -103.59729037    | 2.00             | 2.00            | 0.00            |
|                         | 2,100.00   | 9.00        | 65.00       | 2,097.54    | -1.581.56     | -17.95       | 18.21      | 39.05      | 456,588.84        | 768,882.88       | 32.25309379     | -103.59726736    | 0.00             | 0.00            | 0.00            |
|                         | 2,200.00   | 9.00        | 65.00       | 2,196.30    | -1.482.80     | -24.46       | 24.82      | 53.23      | 456,595.45        | 768,897.06       | 32.25311169     | -103.59722136    | 0.00             | 0.00            | 0.00            |
|                         | 2,300.00   | 9.00        | 65.00       | 2,295.07    | -1.384.03     | -30.97       | 31.43      | 67.41      | 456,602.06        | 768,911.24       | 32.25312959     | -103.59717536    | 0.00             | 0.00            | 0.00            |
|                         | 2,400.00   | 9.00        | 65.00       | 2,393.84    | -1.285.26     | -37.49       | 38.05      | 81.59      | 456,608.67        | 768,925.42       | 32.25314750     | -103.59712935    | 0.00             | 0.00            | 0.00            |
| Hold                    | 2,500.00   | 9.00        | 65.00       | 2,492.61    | -1.186.49     | -44.00       | 44.66      | 95.77      | 456,615.28        | 768,939.59       | 32.25316540     | -103.59708335    | 0.00             | 0.00            | 0.00            |
|                         | 2,600.00   | 9.00        | 65.00       | 2,591.38    | -1.087.72     | -50.52       | 51.27      | 109.94     | 456,621.90        | 768,953.77       | 32.25318331     | -103.59703734    | 0.00             | 0.00            | 0.00            |
|                         | 2,700.00   | 9.00        | 65.00       | 2,690.15    | -988.95       | -57.03       | 57.88      | 124.12     | 456,628.51        | 768,967.95       | 32.25320121     | -103.59699134    | 0.00             | 0.00            | 0.00            |
|                         | 2,800.00   | 9.00        | 65.00       | 2,788.92    | -890.18       | -63.55       | 64.49      | 138.30     | 456,635.12        | 768,982.12       | 32.25321912     | -103.59694533    | 0.00             | 0.00            | 0.00            |
|                         | 2,900.00   | 9.00        | 65.00       | 2,887.69    | -791.41       | -70.06       | 71.10      | 152.48     | 456,641.73        | 768,996.30       | 32.25323702     | -103.59689933    | 0.00             | 0.00            | 0.00            |
|                         | 3,000.00   | 9.00        | 65.00       | 2,986.46    | -692.64       | -76.58       | 77.71      | 166.65     | 456,648.34        | 769,010.48       | 32.25325492     | -103.59685333    | 0.00             | 0.00            | 0.00            |
|                         | 3,100.00   | 9.00        | 65.00       | 3,085.22    | -593.88       | -83.09       | 84.32      | 180.83     | 456,654.95        | 769,024.66       | 32.25327283     | -103.59680732    | 0.00             | 0.00            | 0.00            |
|                         | 3,200.00   | 9.00        | 65.00       | 3,183.99    | -495.11       | -89.61       | 90.93      | 195.01     | 456,661.56        | 769,038.83       | 32.25329073     | -103.59676132    | 0.00             | 0.00            | 0.00            |
|                         | 3,300.00   | 9.00        | 65.00       | 3,282.76    | -396.34       | -96.12       | 97.55      | 209.19     | 456,668.17        | 769,053.01       | 32.25330864     | -103.59671531    | 0.00             | 0.00            | 0.00            |
|                         | 3,400.00   | 9.00        | 65.00       | 3,381.53    | -297.57       | -102.63      | 104.16     | 223.37     | 456,674.78        | 769,067.19       | 32.25332654     | -103.59666931    | 0.00             | 0.00            | 0.00            |
| Turn 2°/100ft           | 3,500.00   | 9.00        | 65.00       | 3,480.30    | -198.80       | -109.15      | 110.77     | 237.54     | 456,681.39        | 769,081.37       | 32.25334444     | -103.59662330    | 0.00             | 0.00            | 0.00            |
|                         | 3,600.00   | 9.00        | 65.00       | 3,579.07    | -100.03       | -115.66      | 117.38     | 251.72     | 456,688.01        | 769,095.54       | 32.25336235     | -103.59657730    | 0.00             | 0.00            | 0.00            |
|                         | 3,620.00   | 9.00        | 65.00       | 3,598.82    | -80.28        | -116.97      | 118.70     | 254.56     | 456,689.33        | 769,098.38       | 32.25336993     | -103.59656810    | 0.00             | 0.00            | 0.00            |
|                         | 3,690.32   | 9.00        | 74.00       | 3,668.28    | -10.82        | -120.74      | 122.54     | 264.83     | 456,693.17        | 769,108.65       | 32.25337629     | -103.59653480    | 2.00             | -0.01           | 12.80           |
|                         | 3,700.00   | 9.00        | 74.00       | 3,677.84    | -1.26         | -121.14      | 122.96     | 266.28     | 456,693.58        | 769,110.10       | 32.25337741     | -103.59653008    | 0.00             | 0.00            | 0.00            |
|                         | 3,800.00   | 9.00        | 74.00       | 3,776.61    | 97.51         | -125.35      | 127.21     | 281.31     | 456,697.89        | 769,125.13       | 32.25338987     | -103.59648137    | 0.00             | 0.00            | 0.00            |
|                         | 3,900.00   | 9.00        | 74.00       | 3,875.38    | 196.28        | -129.56      | 131.58     | 296.34     | 456,702.20        | 769,140.16       | 32.25340053     | -103.59643265    | 0.00             | 0.00            | 0.00            |
|                         | 4,000.00   | 9.00        | 74.00       | 3,974.15    | 295.05        | -133.77      | 135.89     | 311.37     | 456,706.51        | 769,155.19       | 32.25341209     | -103.59638394    | 0.00             | 0.00            | 0.00            |
|                         | 4,100.00   | 9.00        | 74.00       | 4,072.92    | 393.82        | -137.97      | 140.20     | 326.41     | 456,710.82        | 769,170.22       | 32.25342366     | -103.59633523    | 0.00             | 0.00            | 0.00            |
|                         | 4,200.00   | 9.00        | 74.00       | 4,171.69    | 492.59        | -142.18      | 144.51     | 341.44     | 456,715.13        | 769,185.25       | 32.25343522     | -103.59628652    | 0.00             | 0.00            | 0.00            |
| Drop 2°/100ft           | 4,300.00   | 9.00        | 74.00       | 4,270.46    | 591.36        | -146.39      | 148.82     | 356.47     | 456,719.44        | 769,200.28       | 32.25344678     | -103.59623780    | 0.00             | 0.00            | 0.00            |
|                         | 4,400.00   | 9.00        | 74.00       | 4,369.23    | 690.13        | -150.59      | 153.13     | 371.50     | 456,723.75        | 769,215.32       | 32.25345834     | -103.59618909    | 0.00             | 0.00            | 0.00            |
|                         | 4,500.00   | 9.00        | 74.00       | 4,468.00    | 788.90        | -154.80      | 157.44     | 386.53     | 456,728.06        | 769,230.35       | 32.25346990     | -103.59614038    | 0.00             | 0.00            | 0.00            |
|                         | 4,600.00   | 9.00        | 74.00       | 4,566.77    | 887.67        | -159.01      | 161.75     | 401.56     | 456,732.37        | 769,245.38       | 32.25348147     | -103.59609167    | 0.00             | 0.00            | 0.00            |
|                         | 4,700.00   | 9.00        | 74.00       | 4,665.54    | 986.44        | -163.22      | 166.06     | 416.59     | 456,736.68        | 769,260.41       | 32.25349303     | -103.59604295    | 0.00             | 0.00            | 0.00            |
|                         | 4,800.00   | 9.00        | 74.00       | 4,764.31    | 1,085.21      | -167.42      | 170.37     | 431.62     | 456,740.99        | 769,275.44       | 32.25350459     | -103.59599424    | 0.00             | 0.00            | 0.00            |
|                         | 4,900.00   | 9.00        | 74.00       | 4,863.08    | 1,183.98      | -171.63      | 174.68     | 446.65     | 456,745.30        | 769,290.47       | 32.25351615     | -103.59594553    | 0.00             | 0.00            | 0.00            |
|                         | 5,000.00   | 9.00        | 74.00       | 4,961.85    | 1,282.75      | -175.84      | 178.99     | 461.68     | 456,749.61        | 769,305.50       | 32.25352771     | -103.59589682    | 0.00             | 0.00            | 0.00            |
|                         | 5,100.00   | 9.00        | 74.00       | 5,060.62    | 1,381.52      | -180.05      | 183.29     | 476.71     | 456,753.92        | 769,320.53       | 32.25353927     | -103.59584810    | 0.00             | 0.00            | 0.00            |
|                         | 5,124.68   | 9.00        | 74.00       | 5,085.00    | 1,405.50      | -181.08      | 184.36     | 480.42     | 456,754.7         |                  |                 |                  |                  |                 |                 |

| Comments             | MD<br>(ft) | Incl<br>(°) | Azim<br>(°) | TVD<br>(ft) | TVSSS<br>(ft) | VSEC<br>(ft) | NS<br>(ft) | EW<br>(ft) | Northing<br>(ftUS) | Easting<br>(ftUS) | Latitude<br>(°) | Longitude<br>(°) | DLS<br>(°/100ft) | BR<br>(°/100ft) | TR<br>(°/100ft) |
|----------------------|------------|-------------|-------------|-------------|---------------|--------------|------------|------------|--------------------|-------------------|-----------------|------------------|------------------|-----------------|-----------------|
| Bone Spring Lime     | 9,000.00   | 0.00        | 74.00       | 8,948.10    | 5,269.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,069.90   | 0.00        | 74.00       | 9,018.00    | 5,338.90      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,100.00   | 0.00        | 74.00       | 9,048.10    | 5,369.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,200.00   | 0.00        | 74.00       | 9,148.10    | 5,469.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
| Leonard              | 9,259.90   | 0.00        | 74.00       | 9,208.00    | 5,528.90      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,300.00   | 0.00        | 74.00       | 9,248.10    | 5,569.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,400.00   | 0.00        | 74.00       | 9,348.10    | 5,669.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
| Avalon               | 9,476.90   | 0.00        | 74.00       | 9,425.00    | 5,745.90      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,500.00   | 0.00        | 74.00       | 9,448.10    | 5,769.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,600.00   | 0.00        | 74.00       | 9,548.10    | 5,869.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,700.00   | 0.00        | 74.00       | 9,648.10    | 5,969.00      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
| KOP, Build 10°/100ft | 9,794.44   | 0.00        | 74.00       | 9,742.54    | 6,063.44      | -226.03      | 230.40     | 641.00     | 456,801.02         | 769,484.81        | 32.25366564     | -103.59531567    | 0.00             | 0.00            | 0.00            |
|                      | 9,800.00   | 0.56        | 181.61      | 9,748.10    | 6,069.00      | -226.00      | 230.37     | 641.00     | 456,801.00         | 769,484.81        | 32.25366557     | -103.59531568    | 10.00            | 10.00           | 0.00            |
|                      | 9,900.00   | 10.56       | 181.61      | 9,847.51    | 6,168.41      | -216.34      | 220.71     | 640.73     | 456,791.33         | 769,484.54        | 32.25363901     | -103.59531677    | 10.00            | 10.00           | 0.00            |
|                      | 10,000.00  | 20.56       | 181.61      | 9,943.72    | 6,264.62      | -189.57      | 193.93     | 639.98     | 456,764.56         | 769,483.78        | 32.25356543     | -103.59531980    | 10.00            | 10.00           | 0.00            |
|                      | 10,100.00  | 30.56       | 181.61      | 10,033.82   | 6,354.72      | -146.51      | 150.87     | 638.76     | 456,721.49         | 769,482.57        | 32.25344708     | -103.59532467    | 10.00            | 10.00           | 0.00            |
|                      | 10,200.00  | 40.56       | 181.61      | 10,115.07   | 6,435.97      | -88.47       | 92.81      | 637.13     | 456,663.44         | 769,480.94        | 32.25328754     | -103.59533124    | 10.00            | 10.00           | 0.00            |
|                      | 10,219.95  | 42.55       | 181.61      | 10,130.00   | 6,450.90      | -75.25       | 79.59      | 636.76     | 456,650.21         | 769,480.57        | 32.25325120     | -103.59533274    | 10.00            | 10.00           | 0.00            |
|                      | 10,300.00  | 50.56       | 181.61      | 10,185.01   | 6,505.91      | -17.21       | 21.54      | 635.13     | 456,592.17         | 769,478.94        | 32.25309168     | -103.59533930    | 10.00            | 10.00           | 0.00            |
|                      | 10,400.00  | 60.56       | 181.61      | 10,241.49   | 6,562.39      | 65.10        | -60.79     | 632.82     | 456,509.84         | 769,476.62        | 32.25286543     | -103.59534862    | 10.00            | 10.00           | 0.00            |
|                      | 10,500.00  | 70.56       | 181.61      | 10,282.82   | 6,603.72      | -155.97      | -151.68    | 630.26     | 456,418.96         | 769,474.07        | 32.25261567     | -103.59535890    | 10.00            | 10.00           | 0.00            |
| Build 5°/100ft       | 10,544.44  | 75.00       | 181.61      | 10,295.97   | 6,616.87      | -198.38      | -194.10    | 629.07     | 456,376.54         | 769,472.88        | 32.25249911     | -103.59536370    | 10.00            | 10.00           | 0.00            |
|                      | 10,600.00  | 77.78       | 181.61      | 10,309.05   | 6,629.95      | -252.34      | -248.07    | 627.55     | 456,322.57         | 769,471.36        | 32.25235078     | -103.59536981    | 5.00             | 5.00            | 0.00            |
|                      | 10,700.00  | 82.78       | 181.61      | 10,325.93   | 6,646.83      | -350.81      | -346.57    | 624.78     | 456,224.07         | 769,468.59        | 32.25208011     | -103.59538095    | 5.00             | 5.00            | 0.00            |
|                      | 10,800.00  | 87.78       | 181.61      | 10,334.16   | 6,655.06      | -450.38      | -446.16    | 621.98     | 456,124.49         | 769,465.79        | 32.25180644     | -103.59539222    | 5.00             | 5.00            | 0.00            |
|                      | 10,851.64  | 90.36       | 181.61      | 10,335.00   | 6,655.90      | -501.97      | -497.76    | 620.53     | 456,072.88         | 769,464.34        | 32.25166462     | -103.59539806    | 5.00             | 5.00            | 0.00            |
|                      | 10,900.00  | 90.36       | 181.61      | 10,334.69   | 6,655.59      | -550.31      | -546.10    | 619.17     | 456,024.54         | 769,462.98        | 32.25153177     | -103.59540353    | 0.00             | 0.00            | 0.00            |
| Turn 2°/100ft        | 10,951.64  | 90.36       | 181.61      | 10,334.37   | 6,655.31      | -601.91      | -597.72    | 617.72     | 455,972.93         | 769,461.53        | 32.25138993     | -103.59540937    | 0.00             | 0.00            | 0.00            |
|                      | 11,000.00  | 90.36       | 180.64      | 10,334.07   | 6,654.97      | -650.26      | -646.07    | 616.77     | 455,924.58         | 769,460.55        | 32.25125750     | -103.59541352    | 2.00             | 0.00            | -2.00           |
|                      | 11,051.63  | 90.36       | 179.61      | 10,333.74   | 6,654.64      | -701.89      | -697.71    | 616.66     | 455,872.95         | 769,460.47        | 32.25111514     | -103.59541504    | 2.00             | 0.00            | -2.00           |
|                      | 11,100.00  | 90.36       | 179.61      | 10,333.44   | 6,654.34      | -750.25      | -746.07    | 616.99     | 455,824.59         | 769,460.80        | 32.25098220     | -103.59541505    | 0.00             | 0.00            | 0.00            |
|                      | 11,200.00  | 90.36       | 179.61      | 10,332.82   | 6,653.72      | -850.25      | -846.06    | 617.67     | 455,724.59         | 769,461.48        | 32.25070734     | -103.59541507    | 0.00             | 0.00            | 0.00            |
|                      | 11,300.00  | 90.36       | 179.61      | 10,332.20   | 6,653.10      | -950.25      | -946.06    | 618.35     | 455,624.60         | 769,462.16        | 32.25043248     | -103.59541509    | 0.00             | 0.00            | 0.00            |
|                      | 11,400.00  | 90.36       | 179.61      | 10,331.57   | 6,652.47      | -1,050.25    | -1,046.06  | 619.03     | 455,524.61         | 769,462.84        | 32.25015762     | -103.59541511    | 0.00             | 0.00            | 0.00            |
|                      | 11,500.00  | 90.36       | 179.61      | 10,330.95   | 6,651.85      | -1,150.24    | -1,146.05  | 619.71     | 455,424.62         | 769,463.52        | 32.24988277     | -103.59541513    | 0.00             | 0.00            | 0.00            |
|                      | 11,600.00  | 90.36       | 179.61      | 10,330.33   | 6,651.23      | -1,250.24    | -1,246.05  | 620.39     | 455,324.62         | 769,464.20        | 32.24960791     | -103.59541515    | 0.00             | 0.00            | 0.00            |
|                      | 11,700.00  | 90.36       | 179.61      | 10,329.70   | 6,650.60      | -1,350.24    | -1,346.04  | 621.07     | 455,224.63         | 769,464.88        | 32.24933305     | -103.59541517    | 0.00             | 0.00            | 0.00            |
|                      | 11,800.00  | 90.36       | 179.61      | 10,329.08   | 6,649.98      | -1,450.24    | -1,446.04  | 621.75     | 455,124.64         | 769,465.56        | 32.24905819     | -103.59541520    | 0.00             | 0.00            | 0.00            |
|                      | 11,900.00  | 90.36       | 179.61      | 10,328.46   | 6,649.36      | -1,550.24    | -1,546.03  | 622.43     | 455,024.65         | 769,466.24        | 32.24878333     | -103.59541522    | 0.00             | 0.00            | 0.00            |
|                      | 12,000.00  | 90.36       | 179.61      | 10,327.83   | 6,648.73      | -1,650.23    | -1,646.03  | 623.11     | 454,924.65         | 769,466.92        | 32.24850847     | -103.59541524    | 0.00             | 0.00            | 0.00            |
|                      | 12,100.00  | 90.36       | 179.61      | 10,327.21   | 6,648.11      | -1,750.23    | -1,746.03  | 623.79     | 454,824.66         | 769,467.60        | 32.24823361     | -103.59541526    | 0.00             | 0.00            | 0.00            |
|                      | 12,200.00  | 90.36       | 179.61      | 10,326.59   | 6,647.49      | -1,850.23    | -1,846.02  | 624.48     | 454,724.67         | 769,468.28        | 32.24795876     | -103.59541528    | 0.00             | 0.00            | 0.00            |
|                      | 12,300.00  | 90.36       | 179.61      | 10,325.97   | 6,646.87      | -1,950.23    | -1,946.02  | 625.16     | 454,624.68         | 769,468.96        | 32.24768390     | -103.59541530    | 0.00             | 0.00            | 0.00            |
|                      | 12,400.00  | 90.36       | 179.61      | 10,325.34   | 6,646.24      | -2,050.23    | -2,046.01  | 625.84     | 454,524.69         | 769,469.65        | 32.24740904     | -103.59541532    | 0.00             | 0.00            | 0.00            |
|                      | 12,500.00  | 90.36       | 179.61      | 10,324.72   | 6,645.62      | -2,150.22    | -2,146.01  | 626.52     | 454,424.69         | 769,470.33        | 32.24713418     | -103.59541535    | 0.00             | 0.00            | 0.00            |
|                      | 12,600.00  | 90.36       | 179.61      | 10,324.10   | 6,645.00      | -2,250.22    | -2,246.00  | 627.20     | 454,324.70         | 769,471.01        | 32.24685932     | -103.59541537    | 0.00             | 0.00            | 0.00            |
|                      | 12,700.00  | 90.36       | 179.61      | 10,323.47   | 6,644.37      | -2,350.22    | -2,346.00  | 627.88     | 454,224.71         | 769,471.69        | 32.24658446     | -103.59541539    | 0.00             | 0.00            | 0.00            |
|                      | 12,800.00  | 90.36       | 179.61      | 10,322.85   | 6,643.75      | -2,450.22    | -2,446.00  | 628.56     | 454,124.72         | 769,472.37        | 32.24630960     | -103.59541541    | 0.00             | 0.00            | 0.00            |
|                      | 12,900.00  | 90.36       | 179.61      | 10,322.23   | 6,643.13      | -2,550.22    | -2,545.99  | 629.24     | 454,024.72         | 769,473.05        | 32.24603474     | -103.59541543    | 0.00             | 0.00            | 0.00            |
|                      | 13,000.00  | 90.36       | 179.61      | 10,321.60   | 6,642.50      | -2,650.22    | -2,645.99  | 629.92     | 453,924.73         | 769,473.73        | 32.24575989     | -103.59541545    | 0.00             | 0.00            | 0.00            |
|                      | 13,100.00  | 90.36       | 179.61      | 10,320.98   | 6,641.88      | -2,750.21    | -2,745.98  | 630.60     | 453,824.74         | 769,474.41        | 32.24548503     | -103.59541547    | 0.00             | 0.00            | 0.00            |
|                      | 13,200.00  | 90.36       | 179.61      | 10,320.36   | 6,641.26      | -2,850.21    | -2,845.98  | 631.28     | 453,724.75         | 769,475.09        | 32.2            |                  |                  |                 |                 |

| Comments                                                              | MD<br>(ft)     | Incl<br>(°)     | Azim<br>(°)      | TVD<br>(ft)      | TVDSS<br>(ft)      | VSEC<br>(ft)            | NS<br>(ft)                           | EW<br>(ft)         | Northing<br>(ftUS) | Easting<br>(ftUS)                                | Latitude<br>(°) | Longitude<br>(°) | DLS<br>(°/100ft) | BR<br>(°/100ft) | TR<br>(°/100ft) |
|-----------------------------------------------------------------------|----------------|-----------------|------------------|------------------|--------------------|-------------------------|--------------------------------------|--------------------|--------------------|--------------------------------------------------|-----------------|------------------|------------------|-----------------|-----------------|
| Survey Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma |                |                 |                  |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| Survey Program:                                                       |                |                 |                  |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| Description                                                           | Part           | MD From<br>(ft) | MD To<br>(ft)    | EOU Freq<br>(ft) | Hole Size<br>(in)  | Casing Diameter<br>(in) | Expected Max<br>Inclination<br>(deg) | Survey Tool Code   | Vendor / Tool      | Borehole / Survey                                |                 |                  |                  |                 |                 |
|                                                                       | 1              | 0.000           | 9,700.000        | 1/100.000        | 1.5 – 12.25 – 8.75 | 3.375 – 9.625 – 7       |                                      | A001Mb_MWD         |                    | Tres Equis 5-8 State Com 152H / Coterra Tres Equ |                 |                  |                  |                 |                 |
|                                                                       | 1              | 9,700.000       | 20,479.051       | 1/100.000        | 8.75 – 6           | 7 – 5                   |                                      | A008Mb_MWD+IFR1+MS |                    | Tres Equis 5-8 State Com 152H / Coterra Tres Equ |                 |                  |                  |                 |                 |
| EOU Geometry:                                                         |                |                 |                  |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| End MD (ft)                                                           | Hole Size (in) |                 | Casing Size (in) |                  | Name               |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| 1,365.000                                                             | 17.500         |                 | 13.375           |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| 4,999.000                                                             | 12.250         |                 | 9.625            |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| 11,816.000                                                            | 8.750          |                 | 7.000            |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |
| 20,479.051                                                            | 6.000          |                 | 5.000            |                  |                    |                         |                                      |                    |                    |                                                  |                 |                  |                  |                 |                 |



COTERRA

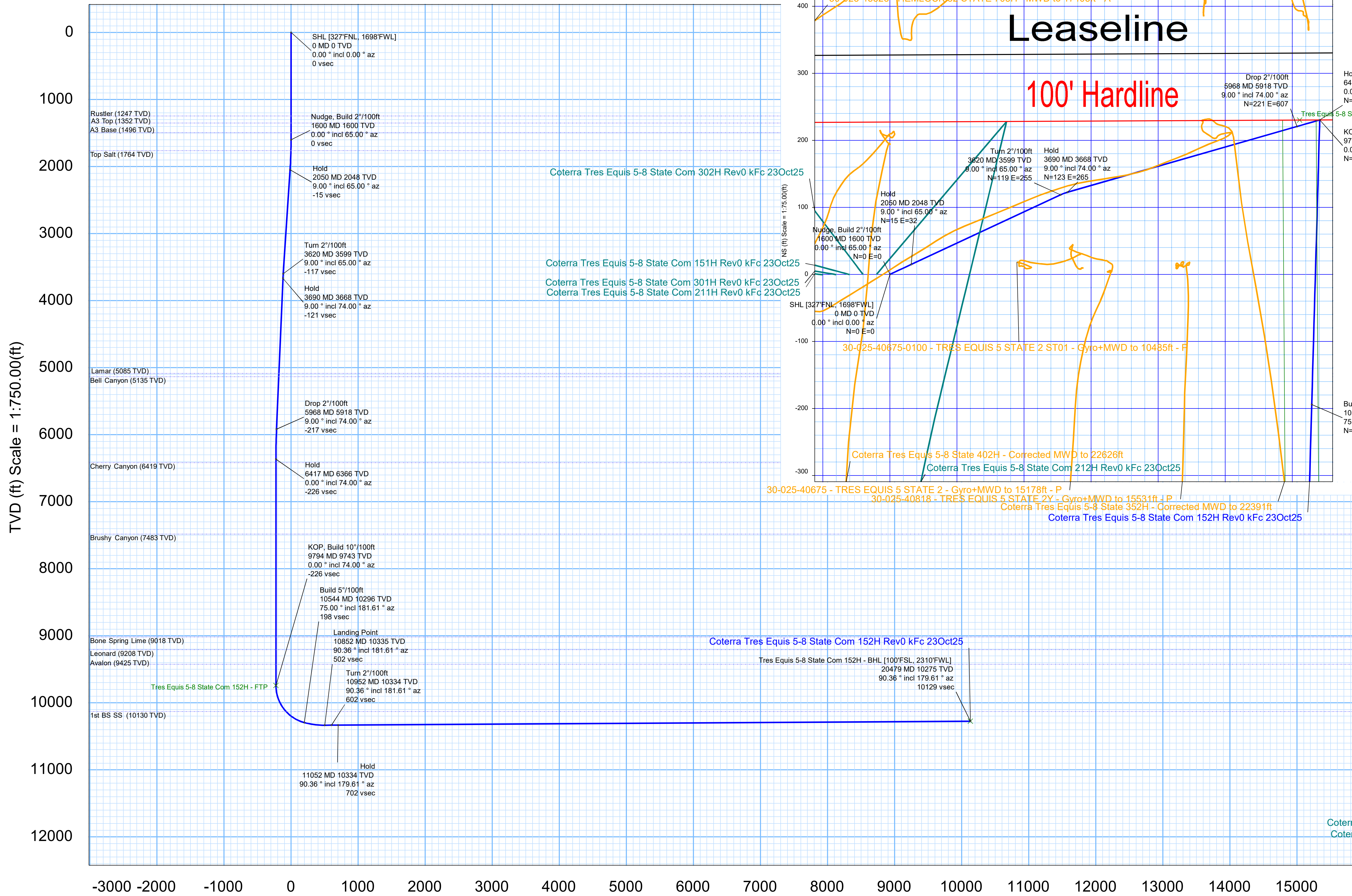
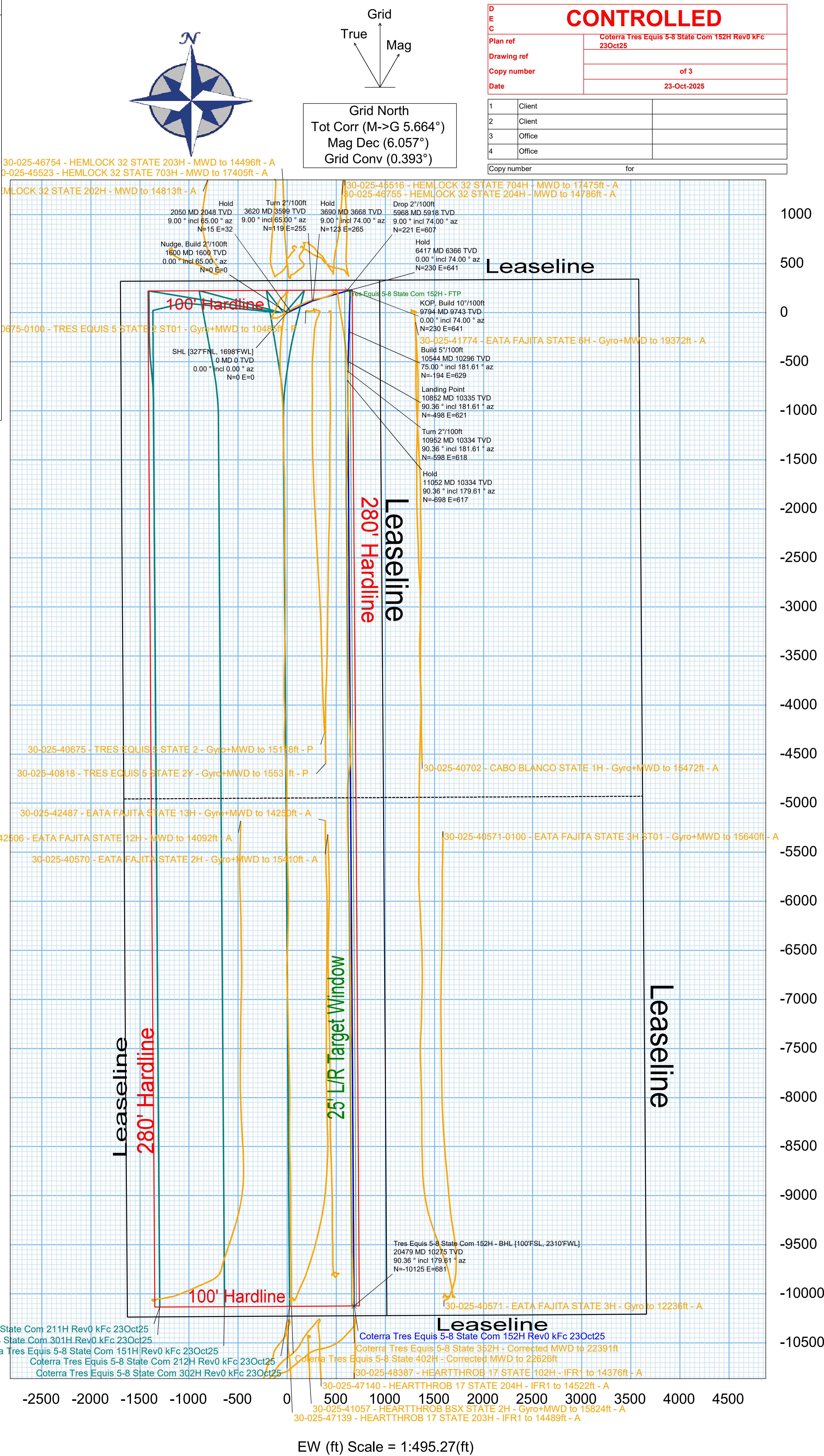
Rev0



|                               |                               |                        |                                          |
|-------------------------------|-------------------------------|------------------------|------------------------------------------|
| Borehole:                     | Well:                         | Field:                 | Structure:                               |
| Tres Equis 5-8 State Com 152H | Tres Equis 5-8 State Com 152H | NM Lea County (NAD 83) | Coterra - Tres Equis 5-8 State Pad Lot 3 |

|                               |           |      |             |                  |                            |      |                |                                                     |               |             |            |               |                      |                                                        |                             |
|-------------------------------|-----------|------|-------------|------------------|----------------------------|------|----------------|-----------------------------------------------------|---------------|-------------|------------|---------------|----------------------|--------------------------------------------------------|-----------------------------|
| Gravity & Magnetic Parameters |           |      |             | Surface Location |                            |      |                | NAD83 New Mexico State Plane, Eastern Zone, US Feet |               |             |            | Miscellaneous |                      |                                                        |                             |
| Model:                        | HDGM 2025 | Dip: | 59.731°     | Date:            | 23-Oct-2025                | Lat: | N 32 15 10.96  | Northing:                                           | 456570.63ftUS | Grid Conv:  | 0.3928°    | Slot:         | Tres Equis 5-8 State | TVD Ref:                                               | RKB (3679.100 ft above MSL) |
| MagDec:                       | 6.057°    | FS:  | 47180.472nT | Gravity FS:      | 998.438mgn (9.80665 Based) | Lon: | W 103 35 50.62 | Easting:                                            | 768843.83ftUS | Scale Fact: | 0.99996837 | Plan:         | Com 152H             | Coterra Tres Equis 5-8 State Com 152H Rev0 kFc 23Oct25 |                             |

| Critical Points                                         |          |       |        |          |          |           |           |       |  |
|---------------------------------------------------------|----------|-------|--------|----------|----------|-----------|-----------|-------|--|
| Critical Point                                          | MD       | INCL  | AZIM   | TVD      | VSEC     | N(+)/S(-) | E(+)/W(-) | DLS   |  |
| SHL [327°FNL, 1698°FWL]                                 | 0.00     | 0.00  | 0.00   | 0.00     | 0.00     | 0.00      | 0.00      | 0.00  |  |
| Rustler                                                 | 1247.00  | 0.00  | 65.00  | 1247.00  | 0.00     | 0.00      | 0.00      | 0.00  |  |
| A3 Top                                                  | 1352.00  | 0.00  | 65.00  | 1352.00  | 0.00     | 0.00      | 0.00      | 0.00  |  |
| A3 Base                                                 | 1496.00  | 0.00  | 65.00  | 1496.00  | 0.00     | 0.00      | 0.00      | 0.00  |  |
| Nudge, Build 2°/100ft                                   | 1600.00  | 0.00  | 65.00  | 1600.00  | 0.00     | 0.00      | 0.00      | 0.00  |  |
| Top Salt                                                | 1764.09  | 3.28  | 65.00  | 1764.00  | -1.96    | 1.99      | 4.26      | 2.00  |  |
| Hold                                                    | 2050.00  | 9.00  | 65.00  | 2048.15  | -14.69   | 14.91     | 31.97     | 2.00  |  |
| Turn 2°/100ft                                           | 3620.00  | 9.00  | 65.00  | 3598.82  | -116.97  | 118.70    | 254.56    | 0.00  |  |
| Hold                                                    | 3690.32  | 9.00  | 74.00  | 3668.28  | -120.74  | 122.54    | 264.83    | 2.00  |  |
| Lamar                                                   | 5124.68  | 9.00  | 74.00  | 5085.00  | -181.08  | 184.36    | 480.42    | 0.00  |  |
| Bell Canyon                                             | 5175.31  | 9.00  | 74.00  | 5135.00  | -183.21  | 186.54    | 488.03    | 0.00  |  |
| Drop 2°/100ft                                           | 5967.64  | 9.00  | 74.00  | 5917.59  | -216.55  | 220.69    | 607.13    | 0.00  |  |
| Hold                                                    | 6417.44  | 0.00  | 74.00  | 6365.54  | -226.03  | 230.40    | 641.00    | 2.00  |  |
| Cherry Canyon                                           | 6470.90  | 0.00  | 74.00  | 6419.00  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| Brushy Canyon                                           | 7534.90  | 0.00  | 74.00  | 7483.00  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| Bone Spring Lime                                        | 9069.90  | 0.00  | 74.00  | 9018.00  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| Leonard                                                 | 9259.90  | 0.00  | 74.00  | 9208.00  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| Avalon                                                  | 9476.90  | 0.00  | 74.00  | 9425.00  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| KOP, Build 10°/100ft                                    | 9794.44  | 0.00  | 74.00  | 9742.54  | -226.03  | 230.40    | 641.00    | 0.00  |  |
| 1st BS SS                                               | 10219.95 | 42.55 | 181.61 | 10130.00 | -75.25   | 79.59     | 636.76    | 10.00 |  |
| Build 5°/100ft                                          | 10544.44 | 75.00 | 181.61 | 10295.97 | 198.38   | -194.10   | 629.07    | 10.00 |  |
| Landing Point                                           | 10851.64 | 90.36 | 181.61 | 10335.00 | 501.97   | -497.76   | 620.53    | 5.00  |  |
| Turn 2°/100ft                                           | 10951.64 | 90.36 | 181.61 | 10334.37 | 601.91   | -597.72   | 617.72    | 0.00  |  |
| Hold                                                    | 11051.63 | 90.36 | 179.61 | 10333.74 | 701.89   | -697.71   | 616.66    | 2.00  |  |
| Tres Equis 5-8 State Com 152H - BHL [100°FSL, 2310°FWL] | 20479.05 | 90.36 | 179.61 | 10275.00 | 10129.12 | -10124.72 | 680.82    | 0.00  |  |



Vertical Section (ft) Azim = 179.61° Scale = 1:750.00(ft) Origin = 0N/-S, 0E/-W

EW (ft) Scale = 1:495.27(ft)

**1. Geological Formations**

TVD of target

Pilot Hole TD N/A

MD at TD

Deepest expected fresh water

| Formation                      | Depth (TVD) from KB | Water/Mineral Bearing/Target Zone | Hazards |
|--------------------------------|---------------------|-----------------------------------|---------|
| Rustler                        | 1247                | N/A                               |         |
| Top of Salt                    | 1764                | N/A                               |         |
| Base of Salt/Lamar             | 5085                | N/A                               |         |
| Top Delaware Sands/Bell Canyon | 5135                | N/A                               |         |
| Cherry Canyon                  | 6419                | N/A                               |         |
| Brushy Canyon                  | 7483                | N/A                               |         |
| Bone Spring Lime               | 9018                | N/A                               |         |
| Avalon                         | 9425                | Hydrocarbons                      |         |
| 1st Bone Spring Sand           | 10130               | Hydrocarbons                      |         |
| 1st Bone Spring Sand - Target  | 10335               | Hydrocarbons                      |         |

**2. Casing Program**

| Hole Size                 | Casing Depth From | Casing Depth To | Setting Depth TVD | Casing Size | Weight (lb/ft) | Grade  | Conn. | SF Collapse | SF Burst | SF Tension         |
|---------------------------|-------------------|-----------------|-------------------|-------------|----------------|--------|-------|-------------|----------|--------------------|
| 17 1/2                    | 0                 | 1372            | 1372              | 13-3/8"     | 48.00          | H-40   | ST&C  | 1.25        | 2.91     | 4.89               |
| 12 1/4                    | 0                 | 5115            | 5115              | 9-5/8"      | 40.00          | HCK-55 | LT&C  | 1.39        | 1.44     | 2.74               |
| 8 3/4                     | 0                 | 9794            | 9794              | 5-1/2"      | 20.00          | P-110  | BT&C  | 2.42        | 2.70     | 3.12               |
| 8 3/4                     | 9794              | 20479           | 10275             | 5-1/2"      | 20.00          | P-110  | BT&C  | 2.31        | 2.57     | 66.63              |
| BLM Minimum Safety Factor |                   |                 |                   |             |                |        |       | 1.125       | 1        | 1.6 Dry<br>1.8 Wet |

TVD was used on all calculations.

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

## Cimarex Energy Co., Tres Equis 5 8 State Com 152H

|                                                                                                                                                  | Y or N |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Is casing new? If used, attach certification as required in Onshore Order #1                                                                     | Y      |
| Does casing meet API specifications? If no, attach casing specification sheet.                                                                   | Y      |
| Is premium or uncommon casing planned? If yes attach casing specification sheet.                                                                 | N      |
| Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria). | Y      |
| Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?                | Y      |
| Is well located within Capitan Reef?                                                                                                             | N      |
| If yes, does production casing cement tie back a minimum of 50' above the Reef?                                                                  | N      |
| Is well within the designated 4 string boundary.                                                                                                 | N      |
| Is well located in SOPA but not in R-111-P?                                                                                                      | N      |
| If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?                                   | N      |
| Is well located in R-111-P and SOPA?                                                                                                             | N      |
| If yes, are the first three strings cemented to surface?                                                                                         | N      |
| Is 2nd string set 100' to 600' below the base of salt?                                                                                           | N      |
| Is well located in high Cave/Karst?                                                                                                              | N      |
| If yes, are there two strings cemented to surface?                                                                                               | N      |
| (For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?                                                           | N      |
| Is well located in critical Cave/Karst?                                                                                                          | N      |
| If yes, are there three strings cemented to surface?                                                                                             | N      |
| Is AC Report included?                                                                                                                           | Y      |

**3. Cementing Program**

| Casing       | # Sk | Wt.<br>lb/gal | Yld<br>ft <sup>3</sup> /sack | H <sub>2</sub> O<br>gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description                                                     |
|--------------|------|---------------|------------------------------|----------------------------|-----------------------------------|------------------------------------------------------------------------|
| Surface      | 665  | 13.50         | 1.72                         | 9.15                       | 15.5                              | Lead: Class C + Bentonite                                              |
|              | 178  | 14.80         | 1.34                         | 6.32                       | 9.5                               | Tail: Class C + LCM                                                    |
|              |      |               |                              |                            |                                   |                                                                        |
| Intermediate | 961  | 12.90         | 1.88                         | 9.65                       | 12                                | Lead: 35:65 (Poz:C) + Salt + Bentonite                                 |
|              | 292  | 14.80         | 1.34                         | 6.32                       | 9.5                               | Tail: Class C + LCM                                                    |
|              |      |               |                              |                            |                                   |                                                                        |
| Production   | 562  | 10.30         | 3.64                         | 22.18                      |                                   | Lead: Tuned Light + LCM                                                |
|              | 3119 | 14.20         | 1.30                         | 5.86                       | 14:30                             | Tail: 50:50 (Poz:H) + Salt + Bentonite + Fluid Loss + Dispersant + SMS |
|              |      |               |                              |                            |                                   |                                                                        |

| Casing String | TOC  | % Excess |
|---------------|------|----------|
| Surface       | 0    | 45       |
| Intermediate  | 0    | 51       |
| Production    | 4915 | 25       |

Cimarex request the ability to perform casing integrity tests after plug bump of cement job.

**4. Pressure Control Equipment**

| A variance is requested for the use of a diverter on the surface casing. See attached for schematic. |        |                 |            |    |                          |
|------------------------------------------------------------------------------------------------------|--------|-----------------|------------|----|--------------------------|
| BOP installed and tested before drilling which hole?                                                 | Size   | Min Required WP | Type       |    | Tested To                |
| 12 1/4                                                                                               | 13 5/8 | 10M             | Annular    | 5M | 100% of working pressure |
|                                                                                                      |        |                 | Blind Ram  |    | 10M                      |
|                                                                                                      |        |                 | Pipe Ram   |    |                          |
|                                                                                                      |        |                 | Double Ram | X  |                          |
|                                                                                                      |        |                 | Other      |    |                          |
| 8 3/4                                                                                                | 13 5/8 | 10M             | Annular    | X  | 100% of working pressure |
|                                                                                                      |        |                 | Blind Ram  |    | 10M                      |
|                                                                                                      |        |                 | Pipe Ram   | X  |                          |
|                                                                                                      |        |                 | Double Ram | X  |                          |
|                                                                                                      |        |                 | Other      |    |                          |

|   |                                                                                                                                                                                                                                                                                                               |  |  |  |  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| X | Formation integrity test will be performed per Onshore Order #2.<br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |  |  |  |  |
| X | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                               |  |  |  |  |
| N | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                         |  |  |  |  |

**5. Mud Program**

| Depth           | Type        | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-------------|--------------|-----------|------------|
| 0' to 1372'     | Fresh Water | 7.83 - 8.33  | 28        | N/C        |
| 1372' to 5115'  | Brine Water | 9.80 - 10.30 | 30-32     | N/C        |
| 5115' to 20479' | OBM         | 8.50 - 9.00  | 50-70     | N/C        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| What will be used to monitor the loss or gain of fluid? | PVT/Pason/Visual Monitoring |
|---------------------------------------------------------|-----------------------------|

**6. Logging and Testing Procedures**

| Logging, Coring and Testing |                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |
| X                           | No logs are planned based on well control or offset log information.                                                                                        |
|                             | Drill stem test?                                                                                                                                            |
|                             | Coring?                                                                                                                                                     |

| Additional Logs Planned | Interval |
|-------------------------|----------|
|-------------------------|----------|

**7. Drilling Conditions**

| Condition                  |          |
|----------------------------|----------|
| BH Pressure at deepest TVD | 4808 psi |
| Abnormal Temperature       | No       |

Hydrogen Sulfide (H<sub>2</sub>S) monitors will be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

|   |                                   |
|---|-----------------------------------|
| X | H <sub>2</sub> S is present       |
| X | H <sub>2</sub> S plan is attached |

**8. Other Facets of Operation****9. Wellhead**

1. The multi-bowl wellhead will be installed by a vendor representative. A copy of the installation instructions has been sent to the BLM field office.
2. A packoff will be installed after running and cementing the production casing. This packoff will be tested to 10K psi.

**BOPE Additional Information & Testing**

1. After running the first string of casing, a 10M BOP/BOPE system with 5M annular will be installed. BOPs will be tested according to Onshore Order #2. BOPE will be tested to full rated pressure (10K for all BOPE except the annular, which is tested to 5K). For the low test, the system will be tested to 250 psi.
2. All BOP equipment will be tested utilizing a conventional test plug.
3. A remote kill line is included in the BOPE system
4. All casing strings will be tested per Onshore Order #2, to 0.22 psi/ft or 1,500 psi, whichever is greater, not to exceed 70% of casing burst.
5. If well conditions dictate, conventional slips will be set and BOPE will be tested to appropriate pressures based on permitted pressure requirements.

**Additional Well Control Notes**

1. In the event wellbore pressure encroaches to the maximum rated pressure of the annular, primary pressure control will be switched to the higher rated components (i.e., switch from annular to pipe rams) – upper pipe rams will be closed, and the annular opened in order to not exceed maximum rated pressures.

Coterra: H2S Plan



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## H2S Drilling Operations Plan

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### Training

*All company and contract personnel admitted on location must be trained by a qualified H2S safety instructor to do the following:*

1. Characteristics of H2S
2. Physical effects and hazards
3. Principle and operation of H2S detectors, warning system, and briefing areas
4. Evacuation procedure, routes and first aid
5. Proper use of safety equipment & life support systems
6. Essential personnel meeting Medical Evaluation criteria will receive additional training on the proper use of 30 minute pressure demand air packs.

### H2S Detection and Alarm Systems

1. H2S sensors/detectors to be located on the drilling rig floor, in the base of the sub structure/cellar area, on the mud pits in the shale shaker area. Additional H2S detectors may be placed as deemed necessary
2. An audio alarm system will be installed on the derrick floor and in the top doghouse

### Windsock and/or wind streamers

1. Windsock at mudpit area should be high enough to be visible
2. Windsock on the rig floor and / or top of doghouse should be high enough to be visible

### Condition Flags & Signs

1. Warning signs on access road to location
2. Flags are to be displayed on sign at the entrance to location. Green flag indicates normal safe condition. Yellow flag indicates potential pressure and danger. Red flag indicates

## Coterra: H2S Plan

danger (H2S present in dangerous concentration). Only H2S trained and certified personnel admitted to location.

## Well Control Equipment

1. See the pressure control section of this submission.

## Communication

1. While working under masks, chalkboards will be used for communication
2. Hand signals will be used where chalk board is inappropriate.
3. Two way radio will be used to communicate off location in case emergency help is required. In most cases, cellular telephones will be available at most drilling foreman's trailer or living quarters.

## Drillstem Testing

1. No DSTs or cores are planned at this time
2. Drilling contractor supervisor will be required to be familiar with the effects that H2S has on tubular goods and other mechanical equipment.
3. If H2S is encountered, mud system will be altered if necessary to maintain control of the well. A mud gas separator will be brought into service along with H2S scavenger if necessary.

Coterra: H2S Plan

# H2S Contingency Plan

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## Emergency Procedures

In the event of an H2S release, the first responder(s) must:

1. Isolate the area and prevent entry by other persons into the 100 PPM ROE.
2. Evacuate any public places encompassed by the 100 PPM ROE.
3. Be equipped with H2S monitors and air packs in order to control the release.
4. Use the buddy system
5. Take precautions to avoid personal injury during this operation
6. Contact operator and/or local officials to aid in operation. See list of emergency contacts attached.
7. Have received training the detection of H2S, measures for protection against the gas, and equipment used for protection and emergency response

## Ignition of the Gas Source

1. Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

## Contacting Authorities

1. Coterra personnel must liaise with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours.
2. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Coterra's response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

Coterra: H2S Plan

# Emergency Contacts

## Coterra Energy

Charlie Pritchard: Drilling Operations Manager: 432 – 238 – 7084

Darrell Kelly: Vice President EHS: 281 – 589 – 5795

## Third Party

| PERMIAN REGION CONTACT NUMBERS |                                     |                  |              |                                    |              |
|--------------------------------|-------------------------------------|------------------|--------------|------------------------------------|--------------|
| CALL 911                       |                                     |                  |              |                                    |              |
| Air Ambulance Services         |                                     |                  |              |                                    |              |
|                                | Reeves County Medical - Pecos, TX   |                  | 432-447-3551 |                                    |              |
|                                | Aero Care - Midland, TX             |                  | 800-627-2376 |                                    |              |
|                                | Tri State Care Flight - Artesia, NM |                  | 800-800-0900 |                                    |              |
|                                | Air Methods - Hobbs, NM             |                  | 800-242-6199 |                                    |              |
| Fire / Police / Medical Care   |                                     |                  |              |                                    |              |
| Sheriff's Office               |                                     | Fire Departments |              | Hospital / Medical Care Facilities |              |
| Andrews County                 | 432-523-5545                        | Andrews          | 432-523-3111 | Permian Regional Med.              | 432-523-2200 |
| Reagan County                  | 325-884-2929                        | Big Lake         | 325-884-3650 | Reagan Memorial Hosp.              | 325-884-2561 |
| Howard County                  | 432-264-2244                        | Big Springs      | 432-264-2303 | Scenic Mountain Med Ctr            | 432-263-1211 |
| Terry County                   | 806-637-2212                        | Brownfield       | 806-637-6633 |                                    |              |
| Crane County                   | 432-558-3571                        | Crane            | 432-558-2361 | Crane Memorial Hosp.               | 432-558-3555 |
| Val Verde County               | 830-774-7513                        | Del Rio          | 830-774-8648 | Val Verde Regional Med.            | 830-775-8566 |
|                                |                                     | Denver City      | 806-592-3516 | Yoakum County Hospital             | 806-592-2121 |
| Pecos County                   | 432-336-3521                        | Ft Stockton      | 432-336-8525 |                                    |              |
| Glasscock County               | 432-354-2361                        | Garden City      |              |                                    |              |
| Winkler County                 | 432-586-3461                        | Kernit           | 432-586-2577 | Winkler County Memorial            | 432-586-5864 |
|                                |                                     | McCamey          | 432-652-8232 | McCamey Hospital                   | 432-652-8626 |
| Loving County                  | 432-377-2411                        | Mentone          |              |                                    |              |
| Irion County                   | 325-835-2551                        | Mertzon          |              |                                    |              |
| Ward County                    | 432-943-6703                        | Monahans         | 432-943-2211 | Ward Memorial Hospital             | 432-943-2511 |
| Ector County                   | 432-335-3050                        | Odessa           | 432-335-4650 | Odessa Regional Hosp.              | 432-582-8340 |
| Crocket County                 | 325-392-2661                        | Ozona            | 325-392-2626 |                                    |              |
| Reeves County                  | 432-445-4901                        | Pecos            | 505-757-6511 | Reeves County Hospital             | 432-447-3551 |
| Yoakum County                  | 806-456-2377                        | Plains           | 806-456-2288 |                                    |              |
| Garza County                   | 806-495-3595                        | Post             |              |                                    |              |
| Upton County                   | 432-693-2422                        | Rankin           |              |                                    |              |
| Coke County                    | 915-453-2717                        | Robert Lee       |              |                                    |              |
|                                |                                     | Roscoe           | 325-766-3931 |                                    |              |
| Hockley County                 | 806-894-3126                        | Levelland        | 806-894-3155 | Covenant Health                    | 806-894-4963 |
| Tom Green County               | 325-655-8111                        | San Angelo       | 325-657-4355 | San Angelo Comm. Med.              | 325-949-9511 |
| Gaines County                  | 432-758-9871                        | Seminole         | 432-758-3621 | Memorial Hospital                  | 432-758-5811 |
| Terrell County                 | 432-345-2525                        | Sanderson        |              |                                    |              |
| Scurry County                  | 325-573-3551                        | Snyder           | 325-573-3546 | DM Cogdell Memorial                | 325-573-6374 |
| Sterling County                | 325-378-4771                        | Sterling City    |              |                                    |              |
| Nolan County                   | 325-235-5471                        | Sweetwater       | 325-235-8130 | Rolling Plains Memorial            | 325-235-1701 |
| Culberson County               | 432-283-2060                        | Van Horn         |              | Culberson Hospital                 | 432-283-2760 |
| New Mexico                     |                                     |                  |              |                                    |              |
| Lea County                     | 505-396-3611                        | Knowles          | 505-392-7469 | Lea Reg Med Ctr                    | 575-492-5000 |
| Eddy County                    | 575-887-7551                        | Carlsbad         | 575-885-3125 | Carlsbad Medical                   | 575-887-4100 |
|                                |                                     | Artesia          | 575-746-5050 | Artesia Hospital                   | 575-748-3333 |
| Roosevelt County               | 575-356-4408                        |                  |              |                                    |              |
| Chaves County                  | 575-624-7590                        |                  |              |                                    |              |
| Ground Ambulance Services      |                                     |                  |              |                                    |              |
|                                | Reeves County Medical               |                  | Pecos, TX    |                                    | 432-447-3551 |

State of New Mexico  
Energy, Minerals and Natural Resources Department

Submit Electronically  
Via E-permitting

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

### **Section 1 – Plan Description** **Effective May 25, 2021**

**I. Operator:** Coterra Energy Operating Co. **OGRID:** 215099 **Date:** 10/7/25

**II. Type:** ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                     | API                   | ULSTR           | Footages | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|-------------------------------|-----------------------|-----------------|----------|-----------------------|-----------------------|----------------------------------|
| Tres Equis 5 8 State Com 152H | NENW Sec 5 T24S, R33E | 327FNL/ 1698FWL | 1333     | 2133                  | 2559                  |                                  |
|                               |                       |                 |          |                       |                       |                                  |

**IV. Central Delivery Point Name:** Tres Equis 5 CTB [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                     | API | Spud Date | TD Reached Date | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|-------------------------------|-----|-----------|-----------------|------------------------------|------------------------|-----------------------|
| Tres Equis 5 8 State Com 152H |     | 1/1/26    | 3/1/26          | 5/1/26                       | 6/1/26                 | 6/1/26                |
|                               |     |           |                 |                              |                        |                       |

**VI. Separation Equipment:** ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:** ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:** ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

## **Section 2 – Enhanced Plan**

### **EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

#### **IX. Anticipated Natural Gas Production:**

| Well | API | Anticipated Average Natural Gas Rate MCF/D | Anticipated Volume of Natural Gas for the First Year MCF |
|------|-----|--------------------------------------------|----------------------------------------------------------|
|      |     |                                            |                                                          |
|      |     |                                            |                                                          |

#### **X. Natural Gas Gathering System (NGGS):**

| Operator | System | ULSTR of Tie-in | Anticipated Gathering Start Date | Available Maximum Daily Capacity of System Segment Tie-in |
|----------|--------|-----------------|----------------------------------|-----------------------------------------------------------|
|          |        |                 |                                  |                                                           |
|          |        |                 |                                  |                                                           |

**XI. Map.** ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:** ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

### **Section 3 - Certifications**

**Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.** ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.** ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

### **Section 4 - Notices**

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

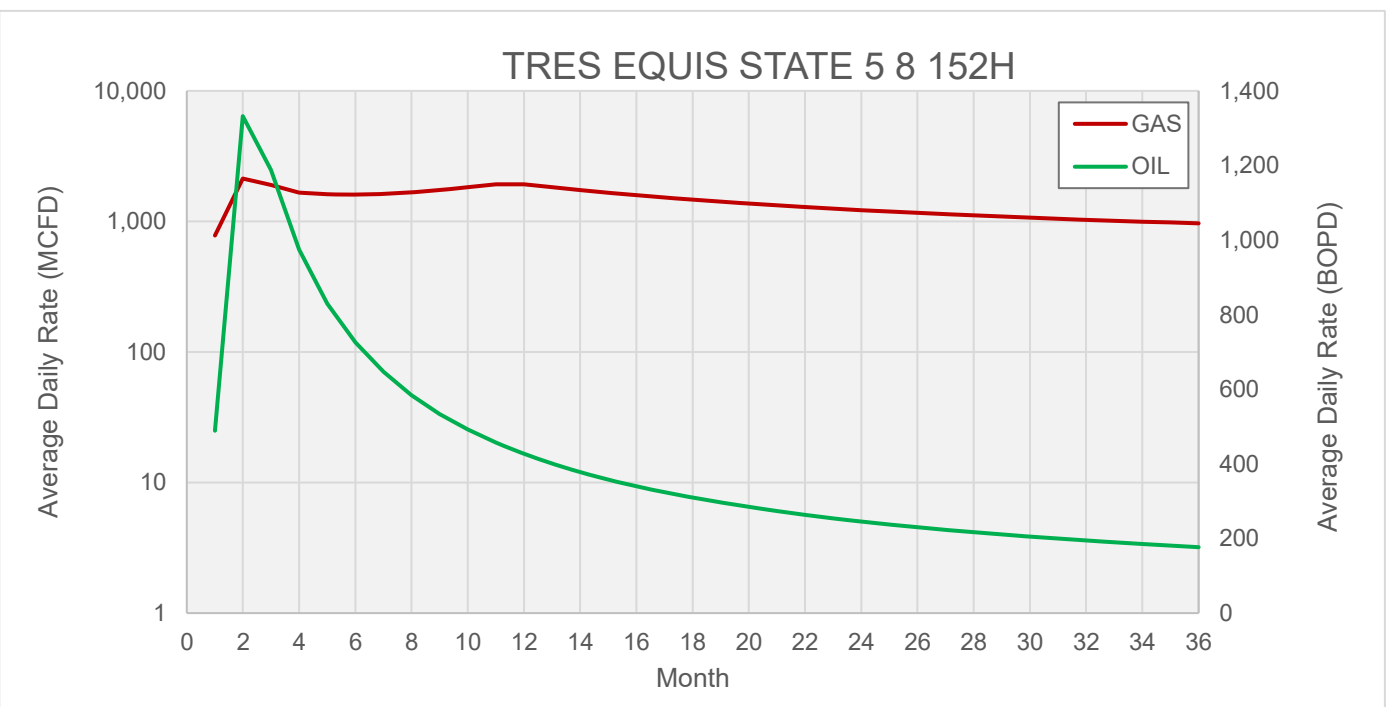
|                                                                                                  |                                                                        |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Signature:                                                                                       | <i>Shelly Bowen</i>                                                    |
| Printed Name:                                                                                    | <a href="#">Shelly Bowen</a>                                           |
| Title:                                                                                           | <a href="#">Sr. Regulatory Analyst</a>                                 |
| E-mail Address:                                                                                  | <a href="mailto:shelly.bowen@coterra.com">shelly.bowen@coterra.com</a> |
| Date:                                                                                            | 10/7/25                                                                |
| Phone:                                                                                           | <a href="#">432/620-1644</a>                                           |
| <b>OIL CONSERVATION DIVISION</b><br><b>(Only applicable when submitted as a standalone form)</b> |                                                                        |
| Approved By:                                                                                     |                                                                        |
| Title:                                                                                           |                                                                        |
| Approval Date:                                                                                   |                                                                        |
| Conditions of Approval:                                                                          |                                                                        |

***From State of New Mexico, Natural Gas Management Plan***

**VI. Separation Equipment:** Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**XEC Standard Response**

Standard facility gas process flow begins at the inlet separator. These vessels are designed based off of forecasted rates and residence times in accordance with, and often greater than, API 12J. The separated gas is then routed to an additional separation vessel (ie sales scrubber) in order to extract liquids that may have carried over or developed due to the decrease in pressure. The sales scrubber is sized based on API 521. From the sales scrubber, the gas leaves the facility and enters the gas midstream gathering network.



|        | TRES EQUIS STATE 5 8 152H | TRES EQUIS STATE 5 8 152H |
|--------|---------------------------|---------------------------|
| Labels | GAS MCFD                  | OIL BOPD                  |
| 1      | 782                       | 489                       |
| 2      | 2,133                     | 1,333                     |
| 3      | 1,901                     | 1,188                     |
| 4      | 1,662                     | 974                       |
| 5      | 1,612                     | 830                       |
| 6      | 1,604                     | 726                       |
| 7      | 1,626                     | 646                       |
| 8      | 1,672                     | 584                       |
| 9      | 1,738                     | 534                       |
| 10     | 1,823                     | 492                       |
| 11     | 1,926                     | 457                       |
| 12     | 1,927                     | 427                       |
| 13     | 1,824                     | 400                       |
| 14     | 1,734                     | 378                       |
| 15     | 1,655                     | 358                       |
| 16     | 1,585                     | 340                       |
| 17     | 1,522                     | 324                       |
| 18     | 1,465                     | 309                       |
| 19     | 1,415                     | 296                       |
| 20     | 1,368                     | 284                       |
| 21     | 1,326                     | 273                       |
| 22     | 1,288                     | 263                       |
| 23     | 1,252                     | 254                       |
| 24     | 1,220                     | 245                       |
| 25     | 1,190                     | 237                       |
| 26     | 1,162                     | 230                       |
| 27     | 1,136                     | 223                       |
| 28     | 1,112                     | 216                       |
| 29     | 1,089                     | 210                       |
| 30     | 1,068                     | 205                       |
| 31     | 1,048                     | 199                       |
| 32     | 1,030                     | 194                       |
| 33     | 1,012                     | 189                       |
| 34     | 996                       | 185                       |
| 35     | 980                       | 181                       |
| 36     | 966                       | 176                       |

## **Cimarex**

### **VII. Operational Practices**

Cimarex values the sustainable development of New Mexico's natural resources. Venting and flaring of natural gas is a source of waste in the industry, and Cimarex will ensure that its values are aligned with those of NMOCD. As such, Cimarex plans to take pointed steps to ensure compliance with Subsection A through F of 19.15.27.8 NMAC.

Specifically, below are the steps Cimarex will plan to follow under routine well commissioning and operations.

1. Capture or combust natural gas during drilling operations where technically feasible, using the best industry practices and control technologies.
  - a. All flares during these operations will be a minimum of 100ft away from the nearest surface-hole location.
2. All gas present during post-completion drill-out and flow back will be routed through separation equipment, and, if technically feasible, flare unsellable vapors rather than vent. Lastly, formal sales separator commissioning to process well-stream fluids and send gas to a gas flow line/collection system or use the gas for on-site fuel or beneficial usage, gas as soon as is safe and technically feasible.
3. Cimarex will ensure the flare or combustion equipment is properly sized to handle expected flow rates, ensure this equipment is equipped with an automatic or continuous ignition source, and ensure this equipment is designed for proper combustion efficiency.
4. If Cimarex must flare because gas is not meeting pipeline specifications, Cimarex will limit flaring to <60 days, analyze gas composition at least twice per week, and route gas into a gathering pipeline as soon as pipeline specifications are met.
5. Under routine production operations, Cimarex will not flare/vent unless:
  - a. Venting or flaring occurs due to an emergency or equipment malfunction.
  - b. Venting or flaring occurs as a result of unloading practices, and an operator is onsite (or within 30 minutes of drive time and posts contact information at the wellsite) until the end of unloading practice.
  - c. The venting or flaring occurs during automated plungerlift operations, in which case the Cimarex operator will work to optimize the plungerlift system to minimize venting/flaring.
  - d. The venting or flaring occurs during downhole well maintenance, in which case Cimarex will work to minimize venting or flaring operations to the extent that it does not pose a risk to safe operations.
  - e. The well is an exploratory well, the division has approved the well as an exploratory well, venting or flaring is limited to 12 months, as approved by the division, and venting/flaring does not cause Cimarex to breach its State-wide 98% gas capture requirement.
  - f. Venting or flaring occurs because the stock tanks or other low-pressure vessels are being gauged, sampled, or liquids are being loaded out.
  - g. The venting or flaring occurs because pressurized vessels are being maintained and are being blown-down or depressurized.
  - h. Venting or flaring occurs as a result of normal dehydration unit operations.

- i. Venting or flaring occurs as a result of bradenhead testing.
  - j. Venting or flaring occurs as a result of normal compressor operations, including general compressor operations, compressor engines and turbines.
  - k. Venting or flaring occurs as a result of a packer leakage test.
  - l. Venting or flaring occurs as a result of a production test lasting less than 24 hours unless otherwise approved by the division.
  - m. Venting or flaring occurs as a result of new equipment commissioning and is necessary to purge impurities from the pipeline or production equipment.
6. Cimarex will maintain its equipment in accordance with its Operations and Maintenance Program, to ensure venting or flaring events are minimized and that equipment is properly functioning.
7. Cimarex will install automatic tank gauging equipment on all production facilities constructed after May 25, 2021, to ensure minimal emissions from tank gauging practices.
8. By November 25, 2022, all Cimarex facilities equipped with flares or combustors will be equipped with continuous pilots or automatic igniters, and technology to ensure proper function, i.e. thermocouple, fire-eye, etc...
9. Cimarex will perform AVO (audio, visual, olfactory) facility inspections in accordance with NMOCD requirements. Specifically, Cimarex will:
  - a. Perform weekly inspections during the first year of production, and so long as production is greater than 60 MCFD.
  - b. If production is less than 60 MCFD, Cimarex will perform weekly AVO inspections when an operator is present on location, and inspections at least once per calendar month with at least 20 calendar days between inspections.
10. Cimarex will measure or estimate the volume of vented, flared or beneficially used natural gas, regardless of the reason or authorization for such venting or flaring.
11. On all facilities constructed after May 25, 2021, Cimarex will install metering where feasible and in accordance with available technology and best engineering practices, in an effort to measure how much gas could have been vented or flared.
  - a. In areas where metering is not technically feasible, such as low-pressure/low volume venting or flaring applications, engineering estimates will be used such that the methodology could be independently verified.
12. Cimarex will fulfill the division's requirements for reporting and filing of venting or flaring that exceeds 50 MCF in volume or last eight hours or more cumulatively within any 24-hour period.

## **VIII. Best Management Practices to minimize venting during active and planned maintenance**

Cimarex strives to ensure minimal venting occurs during active and planned maintenance activities. Below is a description of common maintenance practices, and the steps Cimarex takes to limit venting exposure.

- **Workovers:**
  - Always strive to kill well when performing downhole maintenance.
  - If vapors or trapped pressure is present and must be relieved then:
    - Initial blowdown to production facility:
      - Route vapors to LP flare if possible/applicable
    - Blowdown to portable gas buster tank:
      - Vent to existing or portable flare if applicable.
- **Stock tank servicing:**
  - Minimize time spent with thief hatches open.
  - When cleaning or servicing via manway, suck tank bottoms to ensure minimal volatiles exposed to atmosphere.
    - Connect vacuum truck to low pressure flare while cleaning bottoms to limit venting.
  - Isolate the vent lines and overflows on the tank being serviced from other tanks.
- **Pressure vessel/compressor servicing and associated blowdowns:**
  - Route to flare where possible.
  - Blow vessel down to minimum available pressure via pipeline, prior to venting vessel.
  - Preemptively changing anodes to reduce failures and extended corrosion related servicing.
  - When cleaning or servicing via manway, suck vessel bottoms to ensure minimal volatiles exposed to atmosphere.
- **Flare/combustor maintenance:**
  - Minimize downtime by coordinating with vendor and Cimarex staff travel logistics.
  - Utilizing preventative and predictive maintenance programs to replace high wear components before failure.
  - Because the flare/combustor is the primary equipment used to limit venting practices, ensure flare/combustor is properly maintained and fully operational at all times via routine maintenance, temperature telemetry, onsite visual inspections.

*The Cimarex expectation is to limit all venting exposure. Equipment that may not be listed on this document is still expected to be maintained and associated venting during such maintenance minimized.*

|                                                          |                                                                                                            |                                     |                                                       |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------|
| C-102<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                                                                                                                                                                                                                                                                                                    | Pool Code 96674                               | Pool Name Triple X; Bone Spring, West |
| Property Code                                                                                                                                                                                                                                                                                                 | Property Name<br>TRES EQUIS 5 8 STATE COM     | Well Number<br>152H                   |
| OGRID No. 215099                                                                                                                                                                                                                                                                                              | Operator Name<br>COTERRA ENERGY OPERATING CO. | Ground Level Elevation<br>3656.1'     |
| Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                               |                                       |

**Surface Location**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>327 NORTH | Ft. from E/W<br>1698 WEST | Latitude (NAD 83)<br>32.253044° | Longitude (NAD 83)<br>-103.597394° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

**Bottom Hole Location**

|         |              |                 |              |     |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>N | Section<br>8 | Township<br>24S | Range<br>33E | Lot | Ft. from N/S<br>100 SOUTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.225203° | Longitude (NAD 83)<br>-103.595417° | County<br>LEA |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

|                                                      |                                   |                                                                                                               |                                     |                         |
|------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|
| Dedicated Acres<br>319.79                            | Infill or Defining Well<br>Infill | Defining Well API<br>30-025-53707                                                                             | Overlapping Spacing Unit (Y/N)<br>N | Consolidation Code<br>C |
| Order Numbers. Tres Equis 352H Com Agreement - NMSLO |                                   | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                     |                         |

**Kick Off Point (KOP)**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>100 NORTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.253666° | Longitude (NAD 83)<br>-103.595413° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

**First Take Point (FTP)**

|         |              |                 |              |          |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>C | Section<br>5 | Township<br>24S | Range<br>33E | Lot<br>3 | Ft. from N/S<br>100 NORTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.253666° | Longitude (NAD 83)<br>-103.595413° | County<br>LEA |
|---------|--------------|-----------------|--------------|----------|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

**Last Take Point (LTP)**

|         |              |                 |              |     |                           |                           |                                 |                                    |               |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|
| UL<br>N | Section<br>8 | Township<br>24S | Range<br>33E | Lot | Ft. from N/S<br>100 SOUTH | Ft. from E/W<br>2310 WEST | Latitude (NAD 83)<br>32.225203° | Longitude (NAD 83)<br>-103.595417° | County<br>LEA |
|---------|--------------|-----------------|--------------|-----|---------------------------|---------------------------|---------------------------------|------------------------------------|---------------|

|                                                |                                                                                                    |                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|
| Unitized Area or Area of Uniform Interest<br>Y | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: 3656.1 |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br><i>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.</i><br><br><i>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.</i><br><br><i>Shelly Bowen</i><br>10/7/2025<br><br>Signature _____ Date _____<br><br>Shelly Bowen<br><br>Printed Name _____<br><br>shelly.bowen@coterra.com<br>Email Address _____ | <b>SURVEYOR CERTIFICATIONS</b><br><br><i>I hereby certify that the well location shown on this plat was plotted from the 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.</i><br><br><br><br>Signature and Seal of Professional Surveyor<br><br>23782 September 16, 2025<br><br>Certificate Number _____ Date of Survey _____ |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

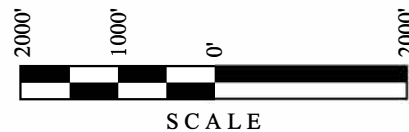
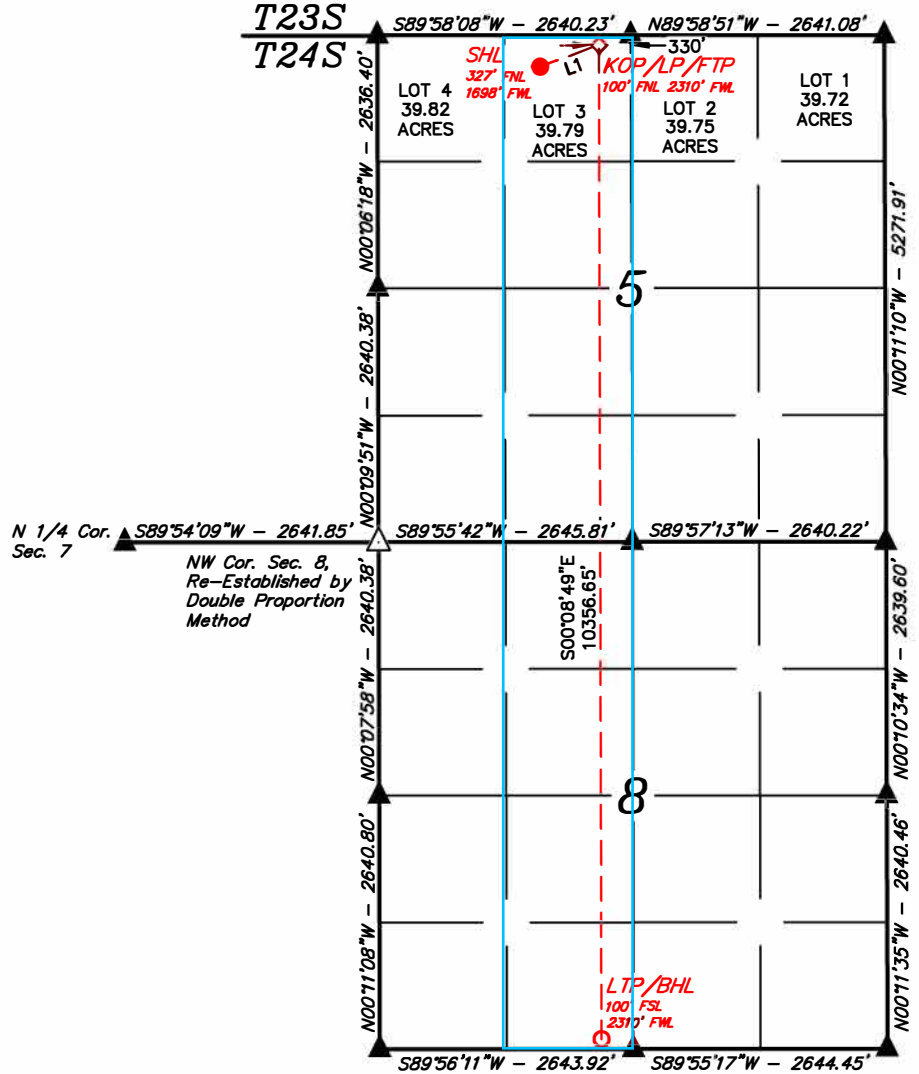
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

|                                           |                     |                             |            |
|-------------------------------------------|---------------------|-----------------------------|------------|
| Property Name<br>TRES EQUIS 5 8 STATE COM | Well Number<br>152H | Drawn By<br>T.I.R. 09-25-25 | Revised By |
|-------------------------------------------|---------------------|-----------------------------|------------|

- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED.  
(Not Set on Ground.)

**NOTE:**

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)



| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | N69°35'13"E | 652.91' |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°15'10.96" (32.253044°)      |
| LONGITUDE = -103°35'50.62" (-103.597394°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°15'10.51" (32.252921°)      |
| LONGITUDE = -103°35'48.89" (-103.596914°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 456570.63' E: 768843.83'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 456511.54' E: 727660.06'               |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (KOP/LP/FTP)</b>                |
| LATITUDE = 32°15'13.20" (32.253666°)      |
| LONGITUDE = -103°35'43.49" (-103.595413°) |
| <b>NAD 27 (KOP/LP/FTP)</b>                |
| LATITUDE = 32°15'12.75" (32.253542°)      |
| LONGITUDE = -103°35'41.76" (-103.594933°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 456800.88' E: 769454.68'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 456741.78' E: 728270.92'               |

|                                           |
|-------------------------------------------|
| <b>NAD 83 (LTP/BHL)</b>                   |
| LATITUDE = 32°13'30.73" (32.225203°)      |
| LONGITUDE = -103°35'43.50" (-103.595417°) |
| <b>NAD 27 (LTP/BHL)</b>                   |
| LATITUDE = 32°13'30.29" (32.225079°)      |
| LONGITUDE = -103°35'41.78" (-103.594938°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 446446.25' E: 769524.63'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 446387.42' E: 728340.41'               |