

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. NMNM100555

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator  
COG OPERATING LLC

3a. Address 600 West Illinois Ave, Midland, TX 79701    3b. Phone No. (include area code)  
(432) 683-7443

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
SEC 31/T25S/R29E/NMP

7. If Unit of CA/Agreement, Name and/or No.  
WILD THING FEDERAL COM/NMNM106701829

8. Well Name and No.  
WILD THING FEDERAL COM/503H

9. API Well No. 3001556223

10. Field and Pool or Exploratory Area  
ROCK SPUR/BONE SPRING

11. Country or Parish, State  
EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

COG Operating LLC, respectfully requests approval for the following changes to original approved APD.

KOP Changes:  
FROM: 270' FSL and 2065' FWL Section 31. T25S. R29E.  
To: 377' FNL and 1507' FWL Section 6. T26S. R29E.  
C102 attached.

Formation and Dedicated Acres:  
Willow Lake; Bone Spring, Southeast: 319.77 Acres  
Rock Spur; Bone Spring: 1281.28 Acres  
C102 attached.

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) MAYTE REYES / Ph: (281) 293-1000	Title Regulatory Analyst
Signature (Electronic Submission)	Date 10/02/2025

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved	Title Petroleum Engineer	Date 10/09/2025
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CARLSBAD	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Additional Remarks

Drilling Changes:

Drilling program, directional plan, AC report and Tenaris data sheet attached.

### Location of Well

0. SHL: SESW / 270 FSL / 2065 FWL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 32.079687 / LONG: -104.025458 ( TVD: 0 feet, MD: 0 feet )

PPP: SESW / 100 FSL / 1507 FWL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 32.07922 / LONG: -104.027259 ( TVD: 8240 feet, MD: 8338 feet )

PPP: SESW / 1 FSL / 1507 FWL / TWSP: 25S / RANGE: 29E / SECTION: 30 / LAT: 32.093597 / LONG: -104.027266 ( TVD: 8390 feet, MD: 13354 feet )

BHL: NESW / 2590 FSL / 1508 FWL / TWSP: 25S / RANGE: 29E / SECTION: 19 / LAT: 32.115362 / LONG: -104.027369 ( TVD: 8390 feet, MD: 21379 feet )

CONFIDENTIAL

Well Name: WILD THING FEDERAL COM	Well Location: T25S / R29E / SEC 31 / SESW / 32.079687 / -104.025458	County or Parish/State: EDDY / NM
Well Number: 503H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100555	Unit or CA Name: WILD THING FEDERAL COM	Unit or CA Number: NMNM106701829
US Well Number: 3001556223	Operator: COG OPERATING LLC	

Notice of Intent

Sundry ID: 2864562

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 07/22/2025	Time Sundry Submitted: 09:30
Date proposed operation will begin: 07/22/2025	

**Procedure Description:** COG Operating LLC, respectfully requests approval for the following changes to original approved APD. KOP Changes: FROM: 270' FSL and 2065' FWL Section 31. T25S. R29E. To: 377' FNL and 1507' FWL Section 6. T26S. R29E. C102 attached. Formation and Dedicated Acres: Willow Lake; Bone Spring, Southeast: 319.77 Acres Rock Spur; Bone Spring: 1281.28 Acres C102 attached. Drilling Changes: Drilling program, directional plan, AC report and Tenaris data sheet attached.

NOI Attachments

Procedure Description

- COG\_Wild\_Thing\_Fed\_Com\_503H\_C\_102\_Willow\_Lake\_BS\_20251002145256.pdf
- COG\_Wild\_Thing\_Fed\_Com\_\_503H\_C\_102\_Rock\_Spur\_BS\_20251002145256.pdf
- WILD\_THING\_FEDERAL\_COM\_503H\_PWP0\_AC\_RPT\_20250722083324.pdf
- WILD\_THING\_FEDERAL\_COM\_503H\_WPlot\_20250722083322.pdf
- COG\_Wild\_Thing\_Federal\_Com\_503H\_Drilling\_Program\_20250722083324.pdf
- WILD\_THING\_FEDERAL\_COM\_503H\_PWP0\_PLAN\_RPT\_20250722083323.pdf

**Well Name:** WILD THING FEDERAL COM

**Well Location:** T25S / R29E / SEC 31 / SESW / 32.079687 / -104.025458

**County or Parish/State:** EDDY / NM

**Well Number:** 503H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM100555

**Unit or CA Name:** WILD THING FEDERAL COM

**Unit or CA Number:** NMNM106701829

**US Well Number:** 3001556223

**Operator:** COG OPERATING LLC

Conditions of Approval

Additional

Wild\_Thing\_Fed\_Com\_501H\_COA\_20251009082915.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature:** MAYTE REYES

**Signed on:** OCT 02, 2025 02:52 PM

**Name:** COG OPERATING LLC

**Title:** Regulatory Analyst

**Street Address:** 925 N ELDRIDGE PARKWAY

**City:** HOUSTON

**State:** TX

**Phone:** (281) 293-1000

**Email address:** MAYTE.X.REYES@CONOCOPHILLIPS.COM

Field

**Representative Name:** Robyn Russell

**Street Address:** 600 W. Illinois Ave.

**City:** Midland

**State:** TX

**Zip:** 79701

**Phone:** (432)685-4385

**Email address:** robyn.m.russell@cop.com

BLM Point of Contact

**BLM POC Name:** CHRISTOPHER WALLS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234

**BLM POC Email Address:** CWALLS@BLM.GOV

**Disposition:** Approved

**Disposition Date:** 10/09/2025

**Signature:** Chris Walls

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

## WELL LOCATION INFORMATION

API Number <b>30-015-56223</b>	Pool Code <b>52775</b>	Pool Name <b>Rock Spur; Bone Spring</b>
Property Code	Property Name <b>WILD THING FEDERAL COM</b>	Well Number <b>503H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>2,921.91'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>N</b>	<b>31</b>	<b>25S</b>	<b>29E</b>		<b>270' FSL</b>	<b>2,065' FWL</b>	<b>32.079687°</b>	<b>-104.025458°</b>	<b>EDDY</b>

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>K</b>	<b>19</b>	<b>25S</b>	<b>29E</b>		<b>2,590' FSL</b>	<b>1,508' FWL</b>	<b>32.115362°</b>	<b>-104.027369°</b>	<b>EDDY</b>

Dedicated Acres <b>1281.28</b>	Infill or Defining Well <b>Defining</b>	Defining Well API <b>30-015-56223</b>	Overlapping Spacing Unit (Y/N) <b>Y</b>	Consolidation Code <b>N/A</b>
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>C</b>	<b>6</b>	<b>26S</b>	<b>29E</b>		<b>377' FNL</b>	<b>1,507' FWL</b>	<b>32.077908°</b>	<b>-104.027253°</b>	<b>EDDY</b>

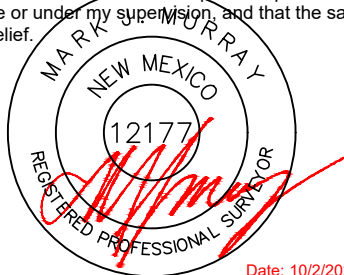
## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>N</b>	<b>31</b>	<b>25S</b>	<b>29E</b>		<b>100' FSL</b>	<b>1,507' FWL</b>	<b>32.079220°</b>	<b>-104.027259°</b>	<b>EDDY</b>

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>K</b>	<b>19</b>	<b>25S</b>	<b>29E</b>		<b>2,540' FSL</b>	<b>1,507' FWL</b>	<b>32.115225°</b>	<b>-104.027369°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest <b>COM</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>2,921.91'</b>
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<b>OPERATOR CERTIFICATIONS</b>  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.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Signature <b>Mayte Reyes</b>  Date <b>10/2/2025</b>		Signature and Seal of Professional Surveyor  	
Printed Name <b>Mayte Reyes</b>  Email Address <b>mayte.x.reyes@conocophillips.com</b>		Certificate Number <b>12177</b>	Date of Survey <b>10/2/2025</b>
		Revision Number <b>1</b>	

Date: 10/2/2025

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



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

**BOTTOM HOLE LOCATION**  
2,590' FSL & 1,508' FWL

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NAD 83 X = 636,064.16'  
NAD 83 Y = 405,839.45'  
NAD 83 LAT = 32.115362°  
NAD 83 LONG = -104.027369°

CORNER COORDINATES NEW MEXICO EAST - NAD 83	
A	IRON PIPE W/ BRASS CAP N:408,491.76' E:634,527.03'
B	IRON PIPE W/ BRASS CAP N:408,550.32' E:637,176.91'
C	IRON PIPE W/ BRASS CAP N:408,608.72' E:639,842.20'
D	IRON PIPE W/ BRASS CAP N:405,945.03' E:639,817.52'
E	IRON PIPE W/ BRASS CAP N:403,301.58' E:639,837.28'
F	IRON PIPE W/ BRASS CAP N:403,265.40' E:637,216.41'
G	IRON PIPE W/ BRASS CAP N:403,228.52' E:634,593.72'
H	IRON PIPE W/ BRASS CAP N:405,833.10' E:634,556.38'
I	IRON PIPE W/ BRASS CAP N:400,627.62' E:639,886.49'
J	IRON PIPE W/ BRASS CAP N:397,952.39' E:639,935.36'
K	IRON PIPE W/ BRASS CAP N:397,931.36' E:637,278.26'
L	IRON PIPE W/ BRASS CAP N:397,909.72' E:634,611.48'
M	IRON PIPE W/ BRASS CAP N:400,566.94' E:634,605.07'
N	IRON PIPE W/ BRASS CAP N:395,278.43' E:639,928.06'
O	IRON PIPE W/ BRASS CAP N:392,602.51' E:639,919.75'
P	IRON PIPE W/ BRASS CAP N:392,595.01' E:637,274.88'
Q	IRON PIPE W/ BRASS CAP N:392,587.40' E:634,628.88'
R	IRON PIPE W/ BRASS CAP N:395,253.80' E:634,619.28'

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

## WELL LOCATION INFORMATION

API Number <b>30-015-56223</b>	Pool Code <b>96217</b>	Pool Name <b>Willow Lake; Bone Spring, Southeast</b>
Property Code	Property Name <b>WILD THING FEDERAL COM</b>	Well Number <b>503H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>2,921.91'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>N</b>	<b>31</b>	<b>25S</b>	<b>29E</b>		<b>270' FSL</b>	<b>2,065' FWL</b>	<b>32.079687°</b>	<b>-104.025458°</b>	<b>EDDY</b>

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>K</b>	<b>19</b>	<b>25S</b>	<b>29E</b>		<b>2,590' FSL</b>	<b>1,508' FWL</b>	<b>32.115362°</b>	<b>-104.027369°</b>	<b>EDDY</b>

Dedicated Acres <b>319.77</b>	Infill or Defining Well <b>Defining</b>	Defining Well API <b>30-015-56223</b>	Overlapping Spacing Unit (Y/N) <b>Y</b>	Consolidation Code <b>N/A</b>
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>C</b>	<b>6</b>	<b>26S</b>	<b>29E</b>		<b>377' FNL</b>	<b>1,507' FWL</b>	<b>32.077908°</b>	<b>-104.027253°</b>	<b>EDDY</b>

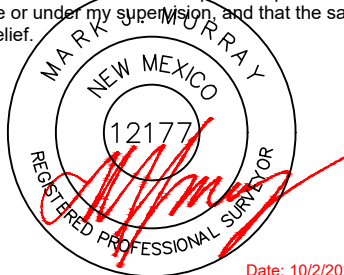
## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>N</b>	<b>31</b>	<b>25S</b>	<b>29E</b>		<b>100' FSL</b>	<b>1,507' FWL</b>	<b>32.079220°</b>	<b>-104.027259°</b>	<b>EDDY</b>

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>K</b>	<b>19</b>	<b>25S</b>	<b>29E</b>		<b>2,540' FSL</b>	<b>1,507' FWL</b>	<b>32.115225°</b>	<b>-104.027369°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest <b>COM</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>2,921.91'</b>
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<b>OPERATOR CERTIFICATIONS</b>  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.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Signature <b>Mayte Reyes</b>		Signature and Seal of Professional Surveyor 	
Date <b>10/2/2025</b>		Date: 10/2/2025	
Printed Name <b>Mayte Reyes</b>		Certificate Number <b>12177</b>	Date of Survey <b>10/2/2025</b>
Email Address <b>mayte.x.reyes@conocophillips.com</b>		Revision Number <b>1</b>	

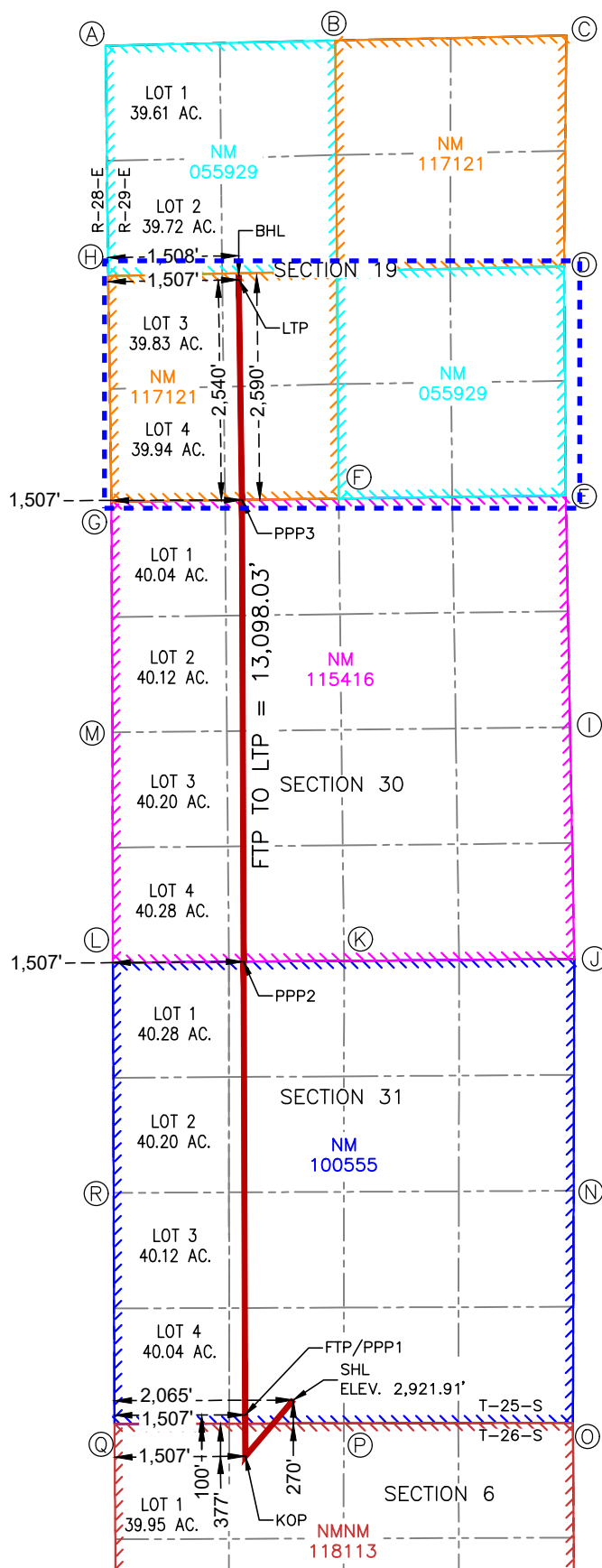
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



## ACREAGE DEDICATION PLATS

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

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



**SURFACE HOLE LOCATION**  
 270' FSL & 2,065' FWL  
 ELEV. = 2,921.91'  
 NAD 83 X = 636,692.90'  
 NAD 83 Y = 392,863.34'  
 NAD 83 LAT = 32.079687°  
 NAD 83 LONG = -104.025458°

**KICK-OFF POINT**  
 377' FNL & 1,507' FWL  
 NAD 83 X = 636,138.63'  
 NAD 83 Y = 392,214.74'  
 NAD 83 LAT = 32.077908°  
 NAD 83 LONG = -104.027253°

**FIRST TAKE POINT & PENETRATION POINT 1**  
 100' FSL & 1,507' FWL  
 NAD 83 X = 636,135.51'  
 NAD 83 Y = 392,691.73'  
 NAD 83 LAT = 32.079220°  
 NAD 83 LONG = -104.027259°

**PENETRATION POINT 2**  
 0' FSL & 1,507' FWL  
 NAD 83 X = 636,118.43'  
 NAD 83 Y = 397,921.95'  
 NAD 83 LAT = 32.093597°  
 NAD 83 LONG = -104.027266°

**PENETRATION POINT 3**  
 0' FSL & 1,507' FWL  
 NAD 83 X = 636,100.57'  
 NAD 83 Y = 403,249.71'  
 NAD 83 LAT = 32.108243°  
 NAD 83 LONG = -104.027275°

**LAST TAKE POINT**  
 2,540' FSL & 1,507' FWL  
 NAD 83 X = 636,064.17'  
 NAD 83 Y = 405,789.45'  
 NAD 83 LAT = 32.115225°  
 NAD 83 LONG = -104.027369°

**BOTTOM HOLE LOCATION**  
 2,590' FSL & 1,508' FWL  
 NAD 83 X = 636,064.16'  
 NAD 83 Y = 405,839.45'  
 NAD 83 LAT = 32.115362°  
 NAD 83 LONG = -104.027369°

CORNER COORDINATES NEW MEXICO EAST - NAD 83	
A	IRON PIPE W/ BRASS CAP N:408,491.76' E:634,527.03'
B	IRON PIPE W/ BRASS CAP N:408,550.32' E:637,176.91'
C	IRON PIPE W/ BRASS CAP N:408,608.72' E:639,842.20'
D	IRON PIPE W/ BRASS CAP N:405,945.03' E:639,817.52'
E	IRON PIPE W/ BRASS CAP N:403,301.58' E:639,837.28'
F	IRON PIPE W/ BRASS CAP N:403,265.40' E:637,216.41'
G	IRON PIPE W/ BRASS CAP N:403,228.52' E:634,593.72'
H	IRON PIPE W/ BRASS CAP N:405,833.10' E:634,556.38'
I	IRON PIPE W/ BRASS CAP N:400,627.62' E:639,886.49'
J	IRON PIPE W/ BRASS CAP N:397,952.39' E:639,935.36'
K	IRON PIPE W/ BRASS CAP N:397,931.36' E:637,278.26'
L	IRON PIPE W/ BRASS CAP N:397,909.72' E:634,611.48'
M	IRON PIPE W/ BRASS CAP N:400,566.94' E:634,605.07'
N	IRON PIPE W/ BRASS CAP N:395,278.43' E:639,928.06'
O	IRON PIPE W/ BRASS CAP N:392,602.51' E:639,919.75'
P	IRON PIPE W/ BRASS CAP N:392,595.01' E:637,274.88'
Q	IRON PIPE W/ BRASS CAP N:392,587.40' E:634,628.88'
R	IRON PIPE W/ BRASS CAP N:395,253.80' E:634,619.28'

# ConocoPhillips Company - Wild Thing Federal Com 503H

## 1. Geologic Formations

TVD of target	8,427' EOL	Pilot hole depth	NA
MD at TD:	21,913'	Deepest expected fresh water:	314'

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Quaternary Fill	Surface	Water	
Rustler	413	Water	
Top of Salt	806	Salt	
Base of Salt	2580	Salt	
Lamar	2767	Salt Water	
Bell Canyon	2818	Salt Water	
Cherry Canyon	3646	Oil/Gas	
Brushy Canyon	4901	Oil/Gas	
Bone Spring	6467	Oil/Gas	
1st Bone Spring Sand	7404	Oil/Gas	
2nd Bone Spring Sand	8256	Target	

## 2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
	From	To							
17.5"	0	550	13.375"	54.5	J55	BTC	4.49	2.41	30.33
12.25"	0	2700	9.625"	40	L80-IC	BTC	2.76	1.73	8.77
8.75"	0	7,850	5.5"	20	P110-ICY	TXP BTC	2.94	4.30	4.30
7.875"	7,850	21,913	5.5"	20	P110-ICY	TXP BTC	2.95	4.32	4.33
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface.

All casing strings will be tested in accordance with 43 CFR Part 3170 Subpart 3172

## ConocoPhillips Company - Wild Thing Federal Com 503H

	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.	Y
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?	
Is well within the designated 4 string boundary?	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

## ConocoPhillips Company - Wild Thing Federal Com 503H

## 3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft <sup>3</sup> / sack	H <sub>2</sub> O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	260	13.5	1.75	9.21	12	Lead: Class C
	170	14.8	1.35	6.8	8	Tail: Class C
Inter.	420	12.8	1.8	9.21	12	Lead: Class C
	350	14.8	1.34	6.52	8	Tail: Class C
Prod.	650	10.2	2.98	14.92	72	Lead: Tuned Light
	1740	13.2	1.42	7.45	19	Tail: Class H

Intermediate #1 Salt string cemented to surface. **Intermediate cement job to be performed offline.**  
Drill out to wait for 500PSI compressive strength.

Volumes subject to observed hole conditions and/or fluid caliper results.  
Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Surface	0'	50%
1 <sup>st</sup> Intermediate	0'	50%
Production	1,700'	0% OH in Lateral (KOP to EOL)

## ConocoPhillips Company - Wild Thing Federal Com 503H

## 4. Pressure Control Equipment

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.
Y	A variance is requested for the use of BOPE break testing on intermediate skids (in accordance with the 30 day full BOPE test requirements).

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	x	Tested to:
12-1/4"	13-5/8"	5M	Annular	x	2500 psi
			Blind Ram		5M
			Pipe Ram		
			Double Ram		
			Other*		
8-3/4" x 7-7/8"	13-5/8"	10M	Annular	x	50% testing pressure
			Blind Ram	x	10M
			Pipe Ram	x	
			Double Ram		
			Other*		

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR Part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Y	Formation integrity test will be performed per Onshore Order #2.
Y	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 43 CFR Part 3170 Subpart 3172.
Y	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?
N	A multibowl wellhead is being used. The BOP will be tested per 43 CFR Part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.

## ConocoPhillips Company - Wild Thing Federal Com 503H

## 5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	Surf. Shoe	FW Gel	8.6 - 8.8	28-34	N/C
Surf csg	9-5/8" Int shoe	Saturated Brine	9 - 10	28-34	N/C
9-5/8" Int shoe	Lateral TD	Cut Brine or OBM	8.6 - 9.5	28-34	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.	
Y	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.
Y	No Logs are planned based on well control or offset log information.
N	Drill stem test? If yes, explain.
N	Coring? If yes, explain.

Additional logs planned		Interval
N	Resistivity	Pilot Hole TD to ICP
N	Density	Pilot Hole TD to ICP
N	CBL	Production casing
Y	Mud log	Intermediate shoe to TD
N	PEX	



**ConocoPhillips Company - Wild Thing Federal Com 503H****7. Drilling Conditions**

Condition	Specify what type and where?
BH Pressure at deepest TVD	4165 psi at 8427' TVD
Abnormal Temperature	NO 145 Deg. F.

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

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 43 CFR Part 3170 Subpart 3176. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

N H<sub>2</sub>S is present

Y H<sub>2</sub>S Plan attached

**8. Other Facets of Operation**

Y	Is it a walking operation?
Y	Is casing pre-set?
Y	Is Pad Batch Drilled?

x	H <sub>2</sub> S Plan.
x	BOP & Choke Schematics.
x	Directional Plan



TXP® BTC



Coupling	Pipe Body
Grade: J55 (Casing)	Grade: J55 (Casing)
Body: Bright Green	1st Band: Bright Green
1st Band: White	2nd Band: -
2nd Band: -	3rd Band: -
3rd Band: -	4th Band: -
	5th Band: -
	6th Band: -

Outside Diameter	13.375 in.	Wall Thickness	0.380 in.	Grade	J55 (Casing)
Min. Wall Thickness	87.50 %	Pipe Body Drift	API Standard	Type	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry		Performance	
Nominal OD	13.375 in.	Wall Thickness	0.380 in.
Nominal Weight	54.50 lb/ft	Plain End Weight	52.79 lb/ft
Drift	12.459 in.	OD Tolerance	API
Nominal ID	12.615 in.		
		Body Yield Strength	853 x1000 lb
		Min. Internal Yield Pressure	2730 psi
		SMYS	55,000 psi
		Collapse Pressure	1130 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	14.375 in.	Tension Efficiency	100 %	Minimum	21,610 ft-lb
Coupling Length	10.825 in.	Joint Yield Strength	853 x1000 lb	Optimum	24,010 ft-lb
Connection ID	12.603 in.	Internal Pressure Capacity	2730 psi	Maximum	26,410 ft-lb
Make-up Loss	4.891 in.	Compression Efficiency	100 %		
Threads per inch	5	Compression Strength	853 x1000 lb	Operation Limit Torques	
Connection OD Option	Regular	Max. Allowable Bending	19 °/100 ft	Operating Torque	54,300 ft-lb
		External Pressure Capacity	1130 psi	Yield Torque	68,700 ft-lb

Notes

This connection is fully interchangeable with:  
TXP® BTC - 13.375 in. - 0.43 (61.00) / 0.48 (68.00) / 0.514 (72.00) in. (lb/ft)  
Connections with Dopeless® Technology are fully compatible with the same connection in its doped version  
Datasheet is also valid for Special Bevel option when applicable - except for Coupling Face Load, which will be reduced. Please contact a local Tenaris technical sales representative.  
Standard coupling design comes with optimized 20° bevel.

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)  
For further information on concepts indicated in this datasheet, download the Datasheet Manual from [www.tenaris.com](http://www.tenaris.com)

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TXP<sup>®</sup> BTC



Coupling	Pipe Body
Grade: L80-IC	Grade: L80-IC
Body: Red	1st Band: Red
1st Band: Brown	2nd Band: Brown
2nd Band: -	3rd Band: Pale Green
3rd Band: -	4th Band: -
	5th Band: -
	6th Band: -

Outside Diameter	9.625 in.	Wall Thickness	0.395 in.	Grade	L80-IC
Min. Wall Thickness	87.50 %	Pipe Body Drift	API Standard	Type	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	9.625 in.	Wall Thickness	0.395 in.	Body Yield Strength	916 x1000 lb
Nominal Weight	40.00 lb/ft	Plain End Weight	38.97 lb/ft	Min. Internal Yield Pressure	5750 psi
Drift	8.679 in.	OD Tolerance	API	SMYS	80,000 psi
Nominal ID	8.835 in.			Collapse Pressure	3870 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	10.625 in.	Tension Efficiency	100 %	Minimum	18,860 ft-lb
Coupling Length	10.825 in.	Joint Yield Strength	916 x1000 lb	Optimum	20,960 ft-lb
Connection ID	8.823 in.	Internal Pressure Capacity	5750 psi	Maximum	23,060 ft-lb
Make-up Loss	4.891 in.	Compression Efficiency	100 %	Operation Limit Torques	
Threads per inch	5	Compression Strength	916 x1000 lb	Operating Torque	35,600 ft-lb
Connection OD Option	Regular	Max. Allowable Bending	38 °/100 ft	Yield Torque	43,400 ft-lb
		External Pressure Capacity	3870 psi		

Notes

This connection is fully interchangeable with:  
TXP® BTC - 9.625 in. - 0.352 (36.00) / 0.435 (43.50) / 0.472 (47.00) / 0.545 (53.50) / 0.595 (58.40) in. (lb/ft)  
Connections with Dopeless® Technology are fully compatible with the same connection in its doped version  
Datasheet is also valid for Special Bevel option when applicable - except for Coupling Face Load, which will be reduced. Please contact a local Tenaris technical sales representative.  
Standard coupling design comes with optimized 20° bevel.

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)  
For further information on concepts indicated in this datasheet, download the Datasheet Manual from [www.tenaris.com](http://www.tenaris.com)

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TXP® BTC



Coupling	Pipe Body
Grade: P110-4CY	Grade: P110-4CY
Body: White	1st Band: White
1st Band: Pale Green	2nd Band: Pale Green
2nd Band: -	3rd Band: Pale Green
3rd Band: -	4th Band: -
	5th Band: -
	6th Band: -

Outside Diameter	5.500 in.	Wall Thickness	0.361 in.	Grade	P110-ICY
Min. Wall Thickness	87.50 %	Pipe Body Drift	API Standard	Type	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry		Performance	
Nominal OD	5.500 in.	Wall Thickness	0.361 in.
Nominal Weight	20.00 lb/ft	Plain End Weight	19.83 lb/ft
Drift	4.653 in.	OD Tolerance	API
Nominal ID	4.778 in.		
		Body Yield Strength	729 x1000 lb
		Min. Internal Yield Pressure	14,360 psi
		SMYS	125,000 psi
		Collapse Pressure	12,300 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	6.100 in.	Tension Efficiency	100 %	Minimum	11,540 ft-lb
Coupling Length	9.450 in.	Joint Yield Strength	729 x1000 lb	Optimum	12,820 ft-lb
Connection ID	4.766 in.	Internal Pressure Capacity	14,360 psi	Maximum	14,100 ft-lb
Make-up Loss	4.204 in.	Compression Efficiency	100 %		
Threads per inch	5	Compression Strength	729 x1000 lb	Operation Limit Torques	
Connection OD Option	Regular	Max. Allowable Bending	104 °/100 ft	Operating Torque	22,700 ft-lb
		External Pressure Capacity	12,300 psi	Yield Torque	25,250 ft-lb
		Coupling Face Load	343,000 lb		

Notes

This connection is fully interchangeable with:  
TXP® BTC - 5.5 in. - 0.275 (15.50) / 0.304 (17.00) / 0.415 (23.00) / 0.476 (26.00) in. (lb/ft)  
Connections with Dopeless® Technology are fully compatible with the same connection in its doped version  
Datasheet is also valid for Special Bevel option when applicable - except for Coupling Face Load, which will be reduced. Please contact a local Tennis technical sales representative.  
Standard coupling design comes with optimized 20° bevel.

For the latest performance data, always visit our website: [www.tennis.com](http://www.tennis.com)  
For further information on concepts indicated in this datasheet, download the Datasheet Manual from [www.tennis.com](http://www.tennis.com)

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Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. NMNM100555  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator  
COG OPERATING LLC

3a. Address 600 West Illinois Ave, Midland, TX 79701    3b. Phone No. (include area code) (432) 683-7443

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
SEC 31/T25S/R29E/NMP

7. If Unit of CA/Agreement, Name and/or No.  
WILD THING FEDERAL COM/NMNM106701829

8. Well Name and No.  
WILD THING FEDERAL COM/503H

9. API Well No. 3001556223

10. Field and Pool or Exploratory Area  
ROCK SPUR/BONE SPRING

11. Country or Parish, State  
EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

COG Operating LLC, respectfully requests approval for the following changes to original approved APD.

KOP Changes:  
FROM: 270' FSL and 2065' FWL Section 31. T25S. R29E.  
To: 377' FNL and 1507' FWL Section 6. T26S. R29E.  
C102 attached.

Formation and Dedicated Acres:  
Willow Lake; Bone Spring, Southeast: 319.77 Acres  
Rock Spur; Bone Spring: 1281.28 Acres  
C102 attached.

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) MAYTE REYES / Ph: (281) 293-1000	Title Regulatory Analyst
Signature (Electronic Submission)	Date 10/02/2025

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved	Title Petroleum Engineer	Date 10/09/2025
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CARLSBAD	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240



## Additional Information

### Additional Remarks

Drilling Changes:

Drilling program, directional plan, AC report and Tenaris data sheet attached.

### Location of Well

0. SHL: SESW / 270 FSL / 2065 FWL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 32.079687 / LONG: -104.025458 ( TVD: 0 feet, MD: 0 feet )

PPP: SESW / 100 FSL / 1507 FWL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 32.07922 / LONG: -104.027259 ( TVD: 8240 feet, MD: 8338 feet )

PPP: SESW / 1 FSL / 1507 FWL / TWSP: 25S / RANGE: 29E / SECTION: 30 / LAT: 32.093597 / LONG: -104.027266 ( TVD: 8390 feet, MD: 13354 feet )

BHL: NESW / 2590 FSL / 1508 FWL / TWSP: 25S / RANGE: 29E / SECTION: 19 / LAT: 32.115362 / LONG: -104.027369 ( TVD: 8390 feet, MD: 21379 feet )

CONFIDENTIAL

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (DBW)**

**WTF COM PROJECT**

**\_WILD THING FED COM 503H**

**OWB**

**Plan: PWP0**

## **Standard Planning Report**

**30 June, 2025**

## ConocoPhillips

## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

<b>Project</b>	ATLAS PROSPECT (DBW)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

Site		WTF COM PROJECT			
Site Position:		Northing:	397,873.03 usft	Latitude:	32° 5' 36.560 N
From:	Map	Easting:	596,088.55 usft	Longitude:	104° 1' 22.981 W
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	

Well		_WILD THING FED COM 503H				
Well Position	+N/-S	0.0 usft	Northing:	392,805.54 usft	Latitude:	32° 4' 46.426 N
	+E/-W	0.0 usft	Easting:	595,507.96 usft	Longitude:	104° 1' 29.899 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	2,922.0 usft
Grid Convergence:		0.16 °				

<b>Wellbore</b>	OWB				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2022	4/10/2023	6.62	59.66	47,408.97254676

<b>Design</b>	PWP0				
<b>Audit Notes:</b>					
<b>Version:</b>		<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	357.23	

<b>Plan Survey Tool Program</b>	<b>Date</b>	6/30/2025			
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.0	8,005.9 PWP0 (OWB)	r.5 MWD+IFR1		
			OWSG MWD + IFR1 rev.5		
2	8,005.9	21,913.2 PWP0 (OWB)	r.5 MWD+IFR1+SAG+FDIR		
			OWSG MWD + IFR1 + SAG +		

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Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _WILD THING FED COM 503H
Company:	DELAWARE BASIN WEST	TVD Reference:	GL @ 2922.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	GL @ 2922.0usft
Site:	WTF COM PROJECT	North Reference:	Grid
Well:	_WILD THING FED COM 503H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,510.7	10.21	220.53	1,508.0	-34.5	-29.5	2.00	2.00	0.00	220.53	
5,550.8	10.21	220.53	5,484.1	-579.0	-495.0	0.00	0.00	0.00	0.00	
6,572.1	0.00	0.01	6,500.0	-648.0	-554.0	1.00	-1.00	0.00	180.00	
8,016.6	0.00	0.01	7,944.5	-648.0	-554.0	0.00	0.00	0.00	0.01	
8,766.4	89.98	359.69	8,422.0	-170.7	-556.6	12.00	12.00	-0.04	359.69	
21,913.2	89.98	359.69	8,427.0	12,975.9	-628.4	0.00	0.00	0.00	0.00	

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## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
1,100.0	2.00	220.53	1,100.0	-1.3	-1.1	-1.3	2.00	2.00	0.00
1,200.0	4.00	220.53	1,199.8	-5.3	-4.5	-5.1	2.00	2.00	0.00
1,300.0	6.00	220.53	1,299.5	-11.9	-10.2	-11.4	2.00	2.00	0.00
1,400.0	8.00	220.53	1,398.7	-21.2	-18.1	-20.3	2.00	2.00	0.00
1,500.0	10.00	220.53	1,497.5	-33.1	-28.3	-31.7	2.00	2.00	0.00
1,510.7	10.21	220.53	1,508.0	-34.5	-29.5	-33.0	2.00	2.00	0.00
Start 4040.1 hold at 1510.7 MD									
1,600.0	10.21	220.53	1,595.9	-46.5	-39.8	-44.6	0.00	0.00	0.00
1,700.0	10.21	220.53	1,694.3	-60.0	-51.3	-57.5	0.00	0.00	0.00
1,800.0	10.21	220.53	1,792.7	-73.5	-62.8	-70.4	0.00	0.00	0.00
1,900.0	10.21	220.53	1,891.1	-87.0	-74.4	-83.3	0.00	0.00	0.00
2,000.0	10.21	220.53	1,989.5	-100.5	-85.9	-96.2	0.00	0.00	0.00
2,100.0	10.21	220.53	2,088.0	-113.9	-97.4	-109.1	0.00	0.00	0.00
2,200.0	10.21	220.53	2,186.4	-127.4	-108.9	-122.0	0.00	0.00	0.00
2,300.0	10.21	220.53	2,284.8	-140.9	-120.4	-134.9	0.00	0.00	0.00
2,400.0	10.21	220.53	2,383.2	-154.4	-132.0	-147.8	0.00	0.00	0.00
2,500.0	10.21	220.53	2,481.6	-167.8	-143.5	-160.7	0.00	0.00	0.00
2,600.0	10.21	220.53	2,580.0	-181.3	-155.0	-173.6	0.00	0.00	0.00
2,700.0	10.21	220.53	2,678.5	-194.8	-166.5	-186.5	0.00	0.00	0.00
2,800.0	10.21	220.53	2,776.9	-208.3	-178.1	-199.4	0.00	0.00	0.00
2,900.0	10.21	220.53	2,875.3	-221.7	-189.6	-212.3	0.00	0.00	0.00
3,000.0	10.21	220.53	2,973.7	-235.2	-201.1	-225.2	0.00	0.00	0.00
3,100.0	10.21	220.53	3,072.1	-248.7	-212.6	-238.1	0.00	0.00	0.00
3,200.0	10.21	220.53	3,170.5	-262.2	-224.1	-251.0	0.00	0.00	0.00
3,300.0	10.21	220.53	3,268.9	-275.7	-235.7	-263.9	0.00	0.00	0.00
3,400.0	10.21	220.53	3,367.4	-289.1	-247.2	-276.8	0.00	0.00	0.00
3,500.0	10.21	220.53	3,465.8	-302.6	-258.7	-289.7	0.00	0.00	0.00
3,600.0	10.21	220.53	3,564.2	-316.1	-270.2	-302.6	0.00	0.00	0.00
3,700.0	10.21	220.53	3,662.6	-329.6	-281.8	-315.5	0.00	0.00	0.00
3,800.0	10.21	220.53	3,761.0	-343.0	-293.3	-328.5	0.00	0.00	0.00
3,900.0	10.21	220.53	3,859.4	-356.5	-304.8	-341.4	0.00	0.00	0.00
4,000.0	10.21	220.53	3,957.9	-370.0	-316.3	-354.3	0.00	0.00	0.00
4,100.0	10.21	220.53	4,056.3	-383.5	-327.8	-367.2	0.00	0.00	0.00
4,200.0	10.21	220.53	4,154.7	-396.9	-339.4	-380.1	0.00	0.00	0.00
4,300.0	10.21	220.53	4,253.1	-410.4	-350.9	-393.0	0.00	0.00	0.00
4,400.0	10.21	220.53	4,351.5	-423.9	-362.4	-405.9	0.00	0.00	0.00
4,500.0	10.21	220.53	4,449.9	-437.4	-373.9	-418.8	0.00	0.00	0.00
4,600.0	10.21	220.53	4,548.3	-450.9	-385.5	-431.7	0.00	0.00	0.00
4,700.0	10.21	220.53	4,646.8	-464.3	-397.0	-444.6	0.00	0.00	0.00
4,800.0	10.21	220.53	4,745.2	-477.8	-408.5	-457.5	0.00	0.00	0.00
4,900.0	10.21	220.53	4,843.6	-491.3	-420.0	-470.4	0.00	0.00	0.00
5,000.0	10.21	220.53	4,942.0	-504.8	-431.5	-483.3	0.00	0.00	0.00

## ConocoPhillips

## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	10.21	220.53	5,040.4	-518.2	-443.1	-496.2	0.00	0.00	0.00
5,200.0	10.21	220.53	5,138.8	-531.7	-454.6	-509.1	0.00	0.00	0.00
5,300.0	10.21	220.53	5,237.3	-545.2	-466.1	-522.0	0.00	0.00	0.00
5,400.0	10.21	220.53	5,335.7	-558.7	-477.6	-534.9	0.00	0.00	0.00
5,500.0	10.21	220.53	5,434.1	-572.1	-489.2	-547.8	0.00	0.00	0.00
5,550.8	10.21	220.53	5,484.1	-579.0	-495.0	-554.4	0.00	0.00	0.00
Start Drop -1.00									
5,600.0	9.72	220.53	5,532.5	-585.5	-500.5	-560.6	1.00	-1.00	0.00
5,700.0	8.72	220.53	5,631.2	-597.6	-511.0	-572.2	1.00	-1.00	0.00
5,800.0	7.72	220.53	5,730.2	-608.5	-520.2	-582.6	1.00	-1.00	0.00
5,900.0	6.72	220.53	5,829.4	-618.1	-528.4	-591.8	1.00	-1.00	0.00
6,000.0	5.72	220.53	5,928.8	-626.3	-535.5	-599.7	1.00	-1.00	0.00
6,100.0	4.72	220.53	6,028.4	-633.2	-541.4	-606.3	1.00	-1.00	0.00
6,200.0	3.72	220.53	6,128.1	-638.8	-546.2	-611.7	1.00	-1.00	0.00
6,300.0	2.72	220.53	6,228.0	-643.1	-549.8	-615.7	1.00	-1.00	0.00
6,400.0	1.72	220.53	6,327.9	-646.0	-552.3	-618.6	1.00	-1.00	0.00
6,500.0	0.72	220.53	6,427.9	-647.7	-553.7	-620.1	1.00	-1.00	0.00
6,572.1	0.00	0.01	6,500.0	-648.0	-554.0	-620.4	1.00	-1.00	0.00
Start 1444.5 hold at 6572.1 MD									
6,600.0	0.00	0.00	6,527.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
6,700.0	0.00	0.00	6,627.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
6,800.0	0.00	0.00	6,727.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
6,900.0	0.00	0.00	6,827.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,000.0	0.00	0.00	6,927.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,100.0	0.00	0.00	7,027.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,200.0	0.00	0.00	7,127.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,300.0	0.00	0.00	7,227.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,400.0	0.00	0.00	7,327.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,500.0	0.00	0.00	7,427.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,600.0	0.00	0.00	7,527.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,700.0	0.00	0.00	7,627.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,800.0	0.00	0.00	7,727.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
7,900.0	0.00	0.00	7,827.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
8,000.0	0.00	0.00	7,927.9	-648.0	-554.0	-620.4	0.00	0.00	0.00
8,016.6	0.00	0.00	7,944.5	-648.0	-554.0	-620.4	0.00	0.00	0.00
Start DLS 12.00 TFO 359.69									
8,025.0	1.01	359.69	7,952.9	-647.9	-554.0	-620.4	12.00	12.00	0.00
8,050.0	4.01	359.69	7,977.9	-646.8	-554.0	-619.3	12.00	12.00	0.00
8,075.0	7.01	359.69	8,002.7	-644.4	-554.0	-616.9	12.00	12.00	0.00
8,100.0	10.01	359.69	8,027.5	-640.7	-554.0	-613.2	12.00	12.00	0.00
8,125.0	13.01	359.69	8,052.0	-635.8	-554.1	-608.2	12.00	12.00	0.00
8,150.0	16.01	359.69	8,076.2	-629.5	-554.1	-601.9	12.00	12.00	0.00
8,175.0	19.01	359.69	8,100.0	-622.0	-554.1	-594.4	12.00	12.00	0.00
8,200.0	22.01	359.69	8,123.4	-613.2	-554.2	-585.7	12.00	12.00	0.00
8,225.0	25.01	359.69	8,146.3	-603.2	-554.2	-575.7	12.00	12.00	0.00
8,250.0	28.01	359.69	8,168.7	-592.1	-554.3	-564.6	12.00	12.00	0.00
8,275.0	31.01	359.69	8,190.5	-579.8	-554.4	-552.3	12.00	12.00	0.00
8,300.0	34.01	359.69	8,211.5	-566.3	-554.4	-538.9	12.00	12.00	0.00
8,325.0	37.01	359.69	8,231.9	-551.8	-554.5	-524.4	12.00	12.00	0.00
8,350.0	40.01	359.69	8,251.4	-536.3	-554.6	-508.8	12.00	12.00	0.00
8,375.0	43.01	359.69	8,270.2	-519.7	-554.7	-492.3	12.00	12.00	0.00
8,400.0	46.01	359.69	8,288.0	-502.2	-554.8	-474.8	12.00	12.00	0.00
8,425.0	49.01	359.69	8,304.9	-483.7	-554.9	-456.3	12.00	12.00	0.00



## ConocoPhillips

## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,450.0	52.01	359.69	8,320.8	-464.5	-555.0	-437.1	12.00	12.00	0.00	
8,475.0	55.01	359.69	8,335.6	-444.4	-555.1	-417.0	12.00	12.00	0.00	
8,500.0	58.01	359.69	8,349.4	-423.5	-555.2	-396.2	12.00	12.00	0.00	
8,525.0	61.01	359.69	8,362.1	-402.0	-555.3	-374.6	12.00	12.00	0.00	
8,550.0	64.01	359.69	8,373.7	-379.8	-555.5	-352.5	12.00	12.00	0.00	
8,575.0	67.01	359.69	8,384.0	-357.1	-555.6	-329.8	12.00	12.00	0.00	
8,600.0	70.01	359.69	8,393.2	-333.8	-555.7	-306.5	12.00	12.00	0.00	
8,625.0	73.01	359.69	8,401.1	-310.1	-555.8	-282.8	12.00	12.00	0.00	
8,650.0	76.01	359.69	8,407.8	-286.0	-556.0	-258.8	12.00	12.00	0.00	
8,675.0	79.01	359.69	8,413.2	-261.6	-556.1	-234.4	12.00	12.00	0.00	
8,700.0	82.01	359.69	8,417.3	-236.9	-556.2	-209.8	12.00	12.00	0.00	
8,725.0	85.01	359.69	8,420.2	-212.1	-556.4	-184.9	12.00	12.00	0.00	
8,750.0	88.01	359.69	8,421.7	-187.2	-556.5	-160.0	12.00	12.00	0.00	
8,766.4	89.98	359.69	8,422.0	-170.7	-556.6	-143.6	12.00	12.00	0.00	
Start 13146.8 hold at 8766.4 MD										
8,800.0	89.98	359.69	8,422.0	-137.2	-556.8	-110.1	0.00	0.00	0.00	
8,900.0	89.98	359.69	8,422.0	-37.2	-557.3	-10.2	0.00	0.00	0.00	
9,000.0	89.98	359.69	8,422.1	62.8	-557.9	89.8	0.00	0.00	0.00	
9,100.0	89.98	359.69	8,422.1	162.8	-558.4	189.7	0.00	0.00	0.00	
9,200.0	89.98	359.69	8,422.1	262.8	-559.0	289.6	0.00	0.00	0.00	
9,300.0	89.98	359.69	8,422.2	362.8	-559.5	389.5	0.00	0.00	0.00	
9,400.0	89.98	359.69	8,422.2	462.8	-560.1	489.4	0.00	0.00	0.00	
9,500.0	89.98	359.69	8,422.2	562.8	-560.6	589.3	0.00	0.00	0.00	
9,600.0	89.98	359.69	8,422.3	662.8	-561.2	689.2	0.00	0.00	0.00	
9,700.0	89.98	359.69	8,422.3	762.8	-561.7	789.1	0.00	0.00	0.00	
9,800.0	89.98	359.69	8,422.4	862.8	-562.3	889.0	0.00	0.00	0.00	
9,900.0	89.98	359.69	8,422.4	962.8	-562.8	988.9	0.00	0.00	0.00	
10,000.0	89.98	359.69	8,422.4	1,062.8	-563.3	1,088.8	0.00	0.00	0.00	
10,100.0	89.98	359.69	8,422.5	1,162.8	-563.9	1,188.7	0.00	0.00	0.00	
10,200.0	89.98	359.69	8,422.5	1,262.8	-564.4	1,288.6	0.00	0.00	0.00	
10,300.0	89.98	359.69	8,422.6	1,362.8	-565.0	1,388.6	0.00	0.00	0.00	
10,400.0	89.98	359.69	8,422.6	1,462.8	-565.5	1,488.5	0.00	0.00	0.00	
10,500.0	89.98	359.69	8,422.6	1,562.8	-566.1	1,588.4	0.00	0.00	0.00	
10,600.0	89.98	359.69	8,422.7	1,662.8	-566.6	1,688.3	0.00	0.00	0.00	
10,700.0	89.98	359.69	8,422.7	1,762.8	-567.2	1,788.2	0.00	0.00	0.00	
10,800.0	89.98	359.69	8,422.7	1,862.8	-567.7	1,888.1	0.00	0.00	0.00	
10,900.0	89.98	359.69	8,422.8	1,962.8	-568.3	1,988.0	0.00	0.00	0.00	
11,000.0	89.98	359.69	8,422.8	2,062.8	-568.8	2,087.9	0.00	0.00	0.00	
11,100.0	89.98	359.69	8,422.9	2,162.8	-569.4	2,187.8	0.00	0.00	0.00	
11,200.0	89.98	359.69	8,422.9	2,262.8	-569.9	2,287.7	0.00	0.00	0.00	
11,300.0	89.98	359.69	8,422.9	2,362.8	-570.4	2,387.6	0.00	0.00	0.00	
11,400.0	89.98	359.69	8,423.0	2,462.8	-571.0	2,487.5	0.00	0.00	0.00	
11,500.0	89.98	359.69	8,423.0	2,562.8	-571.5	2,587.4	0.00	0.00	0.00	
11,600.0	89.98	359.69	8,423.0	2,662.8	-572.1	2,687.4	0.00	0.00	0.00	
11,700.0	89.98	359.69	8,423.1	2,762.8	-572.6	2,787.3	0.00	0.00	0.00	
11,800.0	89.98	359.69	8,423.1	2,862.8	-573.2	2,887.2	0.00	0.00	0.00	
11,900.0	89.98	359.69	8,423.2	2,962.8	-573.7	2,987.1	0.00	0.00	0.00	
12,000.0	89.98	359.69	8,423.2	3,062.8	-574.3	3,087.0	0.00	0.00	0.00	
12,100.0	89.98	359.69	8,423.2	3,162.8	-574.8	3,186.9	0.00	0.00	0.00	
12,200.0	89.98	359.69	8,423.3	3,262.8	-575.4	3,286.8	0.00	0.00	0.00	
12,300.0	89.98	359.69	8,423.3	3,362.8	-575.9	3,386.7	0.00	0.00	0.00	
12,400.0	89.98	359.69	8,423.4	3,462.8	-576.5	3,486.6	0.00	0.00	0.00	
12,500.0	89.98	359.69	8,423.4	3,562.8	-577.0	3,586.5	0.00	0.00	0.00	
12,600.0	89.98	359.69	8,423.4	3,662.8	-577.5	3,686.4	0.00	0.00	0.00	

## ConocoPhillips

## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,700.0	89.98	359.69	8,423.5	3,762.8	-578.1	3,786.3	0.00	0.00	0.00
12,800.0	89.98	359.69	8,423.5	3,862.8	-578.6	3,886.2	0.00	0.00	0.00
12,900.0	89.98	359.69	8,423.5	3,962.8	-579.2	3,986.2	0.00	0.00	0.00
13,000.0	89.98	359.69	8,423.6	4,062.8	-579.7	4,086.1	0.00	0.00	0.00
13,100.0	89.98	359.69	8,423.6	4,162.8	-580.3	4,186.0	0.00	0.00	0.00
13,200.0	89.98	359.69	8,423.7	4,262.8	-580.8	4,285.9	0.00	0.00	0.00
13,300.0	89.98	359.69	8,423.7	4,362.8	-581.4	4,385.8	0.00	0.00	0.00
13,400.0	89.98	359.69	8,423.7	4,462.8	-581.9	4,485.7	0.00	0.00	0.00
13,500.0	89.98	359.69	8,423.8	4,562.8	-582.5	4,585.6	0.00	0.00	0.00
13,600.0	89.98	359.69	8,423.8	4,662.8	-583.0	4,685.5	0.00	0.00	0.00
13,700.0	89.98	359.69	8,423.9	4,762.8	-583.6	4,785.4	0.00	0.00	0.00
13,800.0	89.98	359.69	8,423.9	4,862.8	-584.1	4,885.3	0.00	0.00	0.00
13,900.0	89.98	359.69	8,423.9	4,962.8	-584.6	4,985.2	0.00	0.00	0.00
14,000.0	89.98	359.69	8,424.0	5,062.8	-585.2	5,085.1	0.00	0.00	0.00
14,100.0	89.98	359.69	8,424.0	5,162.8	-585.7	5,185.1	0.00	0.00	0.00
14,200.0	89.98	359.69	8,424.0	5,262.8	-586.3	5,285.0	0.00	0.00	0.00
14,300.0	89.98	359.69	8,424.1	5,362.8	-586.8	5,384.9	0.00	0.00	0.00
14,400.0	89.98	359.69	8,424.1	5,462.8	-587.4	5,484.8	0.00	0.00	0.00
14,500.0	89.98	359.69	8,424.2	5,562.8	-587.9	5,584.7	0.00	0.00	0.00
14,600.0	89.98	359.69	8,424.2	5,662.8	-588.5	5,684.6	0.00	0.00	0.00
14,700.0	89.98	359.69	8,424.2	5,762.8	-589.0	5,784.5	0.00	0.00	0.00
14,800.0	89.98	359.69	8,424.3	5,862.8	-589.6	5,884.4	0.00	0.00	0.00
14,900.0	89.98	359.69	8,424.3	5,962.7	-590.1	5,984.3	0.00	0.00	0.00
15,000.0	89.98	359.69	8,424.4	6,062.7	-590.7	6,084.2	0.00	0.00	0.00
15,100.0	89.98	359.69	8,424.4	6,162.7	-591.2	6,184.1	0.00	0.00	0.00
15,200.0	89.98	359.69	8,424.4	6,262.7	-591.7	6,284.0	0.00	0.00	0.00
15,300.0	89.98	359.69	8,424.5	6,362.7	-592.3	6,383.9	0.00	0.00	0.00
15,400.0	89.98	359.69	8,424.5	6,462.7	-592.8	6,483.9	0.00	0.00	0.00
15,500.0	89.98	359.69	8,424.5	6,562.7	-593.4	6,583.8	0.00	0.00	0.00
15,600.0	89.98	359.69	8,424.6	6,662.7	-593.9	6,683.7	0.00	0.00	0.00
15,700.0	89.98	359.69	8,424.6	6,762.7	-594.5	6,783.6	0.00	0.00	0.00
15,800.0	89.98	359.69	8,424.7	6,862.7	-595.0	6,883.5	0.00	0.00	0.00
15,900.0	89.98	359.69	8,424.7	6,962.7	-595.6	6,983.4	0.00	0.00	0.00
16,000.0	89.98	359.69	8,424.7	7,062.7	-596.1	7,083.3	0.00	0.00	0.00
16,100.0	89.98	359.69	8,424.8	7,162.7	-596.7	7,183.2	0.00	0.00	0.00
16,200.0	89.98	359.69	8,424.8	7,262.7	-597.2	7,283.1	0.00	0.00	0.00
16,300.0	89.98	359.69	8,424.9	7,362.7	-597.8	7,383.0	0.00	0.00	0.00
16,400.0	89.98	359.69	8,424.9	7,462.7	-598.3	7,482.9	0.00	0.00	0.00
16,500.0	89.98	359.69	8,424.9	7,562.7	-598.9	7,582.8	0.00	0.00	0.00
16,600.0	89.98	359.69	8,425.0	7,662.7	-599.4	7,682.7	0.00	0.00	0.00
16,700.0	89.98	359.69	8,425.0	7,762.7	-599.9	7,782.7	0.00	0.00	0.00
16,800.0	89.98	359.69	8,425.0	7,862.7	-600.5	7,882.6	0.00	0.00	0.00
16,900.0	89.98	359.69	8,425.1	7,962.7	-601.0	7,982.5	0.00	0.00	0.00
17,000.0	89.98	359.69	8,425.1	8,062.7	-601.6	8,082.4	0.00	0.00	0.00
17,100.0	89.98	359.69	8,425.2	8,162.7	-602.1	8,182.3	0.00	0.00	0.00
17,200.0	89.98	359.69	8,425.2	8,262.7	-602.7	8,282.2	0.00	0.00	0.00
17,300.0	89.98	359.69	8,425.2	8,362.7	-603.2	8,382.1	0.00	0.00	0.00
17,400.0	89.98	359.69	8,425.3	8,462.7	-603.8	8,482.0	0.00	0.00	0.00
17,500.0	89.98	359.69	8,425.3	8,562.7	-604.3	8,581.9	0.00	0.00	0.00
17,600.0	89.98	359.69	8,425.3	8,662.7	-604.9	8,681.8	0.00	0.00	0.00
17,700.0	89.98	359.69	8,425.4	8,762.7	-605.4	8,781.7	0.00	0.00	0.00
17,800.0	89.98	359.69	8,425.4	8,862.7	-606.0	8,881.6	0.00	0.00	0.00
17,900.0	89.98	359.69	8,425.5	8,962.7	-606.5	8,981.6	0.00	0.00	0.00
18,000.0	89.98	359.69	8,425.5	9,062.7	-607.0	9,081.5	0.00	0.00	0.00

## ConocoPhillips

## Planning Report

<b>Database:</b>	EDT 17 Permian Prod	<b>Local Co-ordinate Reference:</b>	Well _WILD THING FED COM 503H
<b>Company:</b>	DELAWARE BASIN WEST	<b>TVD Reference:</b>	GL @ 2922.0usft
<b>Project:</b>	ATLAS PROSPECT (DBW)	<b>MD Reference:</b>	GL @ 2922.0usft
<b>Site:</b>	WTF COM PROJECT	<b>North Reference:</b>	Grid
<b>Well:</b>	_WILD THING FED COM 503H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,100.0	89.98	359.69	8,425.5	9,162.7	-607.6	9,181.4	0.00	0.00	0.00
18,200.0	89.98	359.69	8,425.6	9,262.7	-608.1	9,281.3	0.00	0.00	0.00
18,300.0	89.98	359.69	8,425.6	9,362.7	-608.7	9,381.2	0.00	0.00	0.00
18,400.0	89.98	359.69	8,425.7	9,462.7	-609.2	9,481.1	0.00	0.00	0.00
18,500.0	89.98	359.69	8,425.7	9,562.7	-609.8	9,581.0	0.00	0.00	0.00
18,600.0	89.98	359.69	8,425.7	9,662.7	-610.3	9,680.9	0.00	0.00	0.00
18,700.0	89.98	359.69	8,425.8	9,762.7	-610.9	9,780.8	0.00	0.00	0.00
18,800.0	89.98	359.69	8,425.8	9,862.7	-611.4	9,880.7	0.00	0.00	0.00
18,900.0	89.98	359.69	8,425.8	9,962.7	-612.0	9,980.6	0.00	0.00	0.00
19,000.0	89.98	359.69	8,425.9	10,062.7	-612.5	10,080.5	0.00	0.00	0.00
19,100.0	89.98	359.69	8,425.9	10,162.7	-613.1	10,180.4	0.00	0.00	0.00
19,200.0	89.98	359.69	8,426.0	10,262.7	-613.6	10,280.4	0.00	0.00	0.00
19,300.0	89.98	359.69	8,426.0	10,362.7	-614.1	10,380.3	0.00	0.00	0.00
19,400.0	89.98	359.69	8,426.0	10,462.7	-614.7	10,480.2	0.00	0.00	0.00
19,500.0	89.98	359.69	8,426.1	10,562.7	-615.2	10,580.1	0.00	0.00	0.00
19,600.0	89.98	359.69	8,426.1	10,662.7	-615.8	10,680.0	0.00	0.00	0.00
19,700.0	89.98	359.69	8,426.2	10,762.7	-616.3	10,779.9	0.00	0.00	0.00
19,800.0	89.98	359.69	8,426.2	10,862.7	-616.9	10,879.8	0.00	0.00	0.00
19,900.0	89.98	359.69	8,426.2	10,962.7	-617.4	10,979.7	0.00	0.00	0.00
20,000.0	89.98	359.69	8,426.3	11,062.7	-618.0	11,079.6	0.00	0.00	0.00
20,100.0	89.98	359.69	8,426.3	11,162.7	-618.5	11,179.5	0.00	0.00	0.00
20,200.0	89.98	359.69	8,426.3	11,262.7	-619.1	11,279.4	0.00	0.00	0.00
20,300.0	89.98	359.69	8,426.4	11,362.7	-619.6	11,379.3	0.00	0.00	0.00
20,400.0	89.98	359.69	8,426.4	11,462.7	-620.2	11,479.2	0.00	0.00	0.00
20,500.0	89.98	359.69	8,426.5	11,562.7	-620.7	11,579.2	0.00	0.00	0.00
20,600.0	89.98	359.69	8,426.5	11,662.7	-621.2	11,679.1	0.00	0.00	0.00
20,700.0	89.98	359.69	8,426.5	11,762.7	-621.8	11,779.0	0.00	0.00	0.00
20,800.0	89.98	359.69	8,426.6	11,862.7	-622.3	11,878.9	0.00	0.00	0.00
20,900.0	89.98	359.69	8,426.6	11,962.7	-622.9	11,978.8	0.00	0.00	0.00
21,000.0	89.98	359.69	8,426.7	12,062.7	-623.4	12,078.7	0.00	0.00	0.00
21,100.0	89.98	359.69	8,426.7	12,162.7	-624.0	12,178.6	0.00	0.00	0.00
21,200.0	89.98	359.69	8,426.7	12,262.7	-624.5	12,278.5	0.00	0.00	0.00
21,300.0	89.98	359.69	8,426.8	12,362.7	-625.1	12,378.4	0.00	0.00	0.00
21,400.0	89.98	359.69	8,426.8	12,462.7	-625.6	12,478.3	0.00	0.00	0.00
21,500.0	89.98	359.69	8,426.8	12,562.7	-626.2	12,578.2	0.00	0.00	0.00
21,600.0	89.98	359.69	8,426.9	12,662.6	-626.7	12,678.1	0.00	0.00	0.00
21,700.0	89.98	359.69	8,426.9	12,762.6	-627.3	12,778.0	0.00	0.00	0.00
21,800.0	89.98	359.69	8,427.0	12,862.6	-627.8	12,878.0	0.00	0.00	0.00
21,900.0	89.98	359.69	8,427.0	12,962.6	-628.3	12,977.9	0.00	0.00	0.00
21,913.2	89.98	359.69	8,427.0	12,975.9	-628.4	12,991.1	0.00	0.00	0.00
TD at 21913.2									

ConocoPhillips  
Planning Report

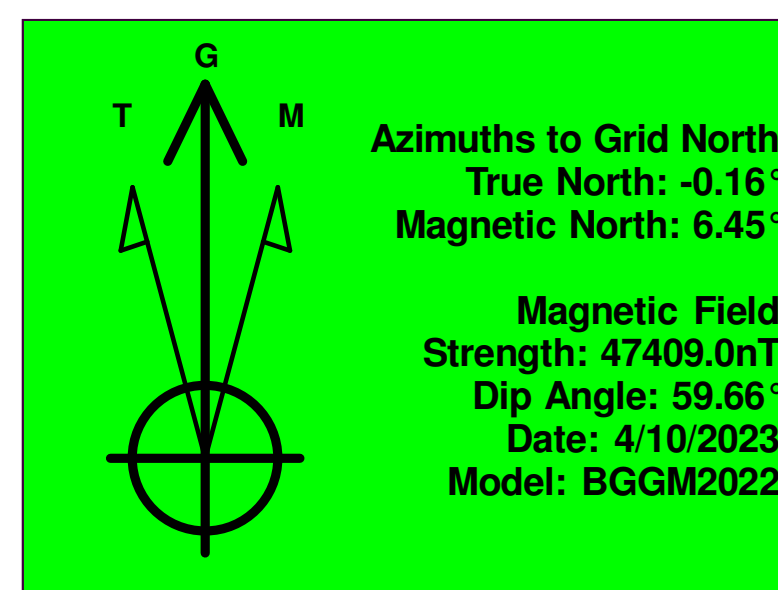
Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _ WILD THING FED COM 503H
Company:	DELAWARE BASIN WEST	TVD Reference:	GL @ 2922.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	GL @ 2922.0usft
Site:	WTF COM PROJECT	North Reference:	Grid
Well:	_ WILD THING FED COM 503H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
TNGNT LMTR_20' R&L	10.21	40.53	5,484.1	-579.0	-495.0	392,226.54	595,012.96	32° 4' 40.710 N	104° 1' 35.672 W
- plan hits target center									
- Rectangle (sides W40.0 H100.0 D3,976.1)									
KOP BOX_50' N&S X 50'	0.00	179.69	7,912.5	-648.0	-554.0	392,157.54	594,953.96	32° 4' 40.029 N	104° 1' 36.360 W
- plan hits target center									
- Rectangle (sides W100.0 H100.0 D1,412.5)									
FTP _WILD THING FED	0.00	0.01	8,422.0	-171.6	-557.4	392,633.94	594,950.58	32° 4' 44.744 N	104° 1' 36.383 W
- plan misses target center by 0.8usft at 8765.6usft MD (8422.0 TVD, -171.6 N, -556.6 E)									
- Circle (radius 50.0)									
PBHL _WILD THING FEI	-0.02	179.69	8,427.0	12,975.9	-628.4	405,781.40	594,879.54	32° 6' 54.859 N	104° 1' 36.774 W
- plan hits target center									
- Rectangle (sides W100.0 H13,147.4 D20.0)									
LTP _WILD THING FED	90.00	359.69	8,427.0	12,925.9	-628.4	405,731.40	594,879.54	32° 6' 54.364 N	104° 1' 36.776 W
- plan misses target center by 0.3usft at 21863.2usft MD (8427.0 TVD, 12925.9 N, -628.1 E)									
- Circle (radius 50.0)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
21,913.3	8,427.0	5-1/2" Production Casing	5-1/2	6-3/4	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,000.0	1,000.0	0.0	0.0	Start Build 2.00	
1,510.7	1,508.0	-34.5	-29.5	Start 4040.1 hold at 1510.7 MD	
5,550.8	5,484.1	-579.0	-495.0	Start Drop -1.00	
6,572.1	6,500.0	-648.0	-554.0	Start 1444.5 hold at 6572.1 MD	
8,016.6	7,944.5	-648.0	-554.0	Start DLS 12.00 TFO 359.69	
8,766.4	8,422.0	-170.7	-556.6	Start 13146.8 hold at 8766.4 MD	
21,913.2	8,427.0	12,975.9	-628.4	TD at 21913.2	





WILD THING FED COM 503H

T

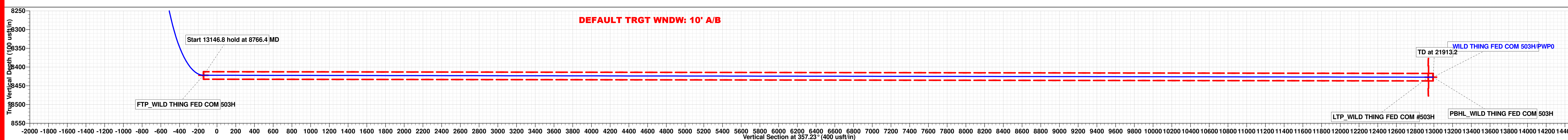
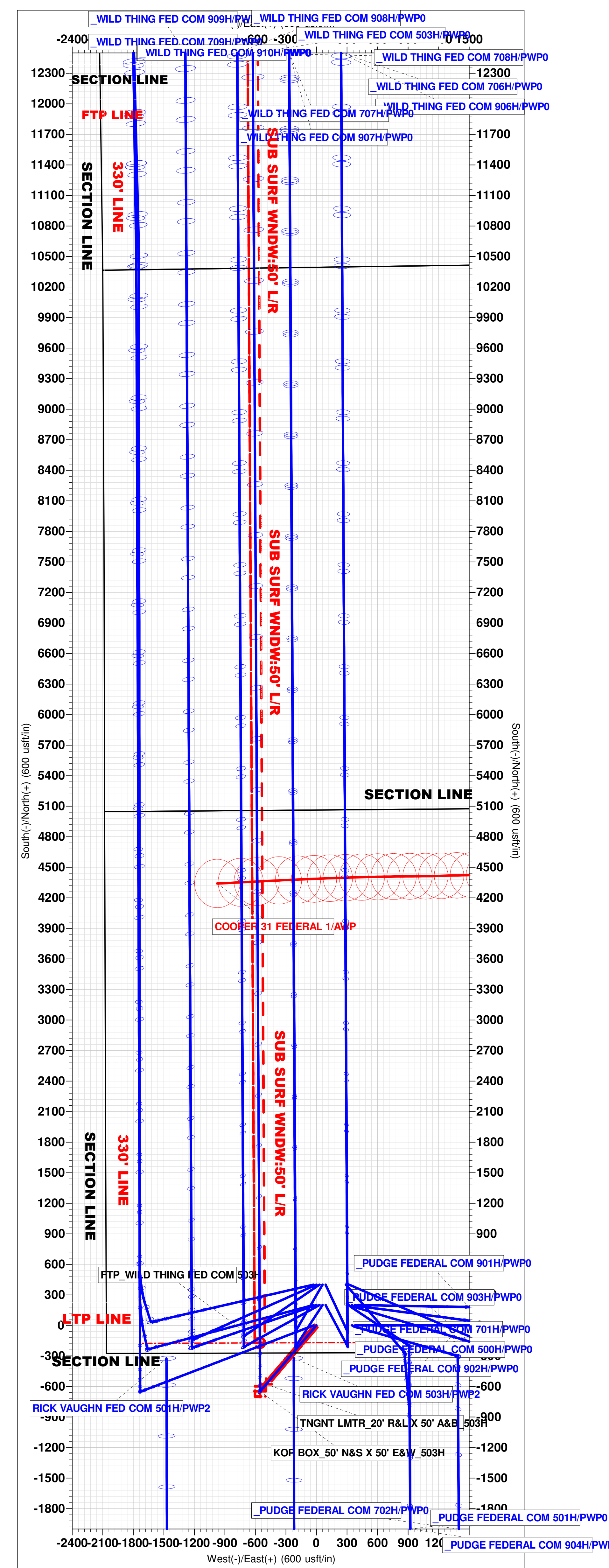
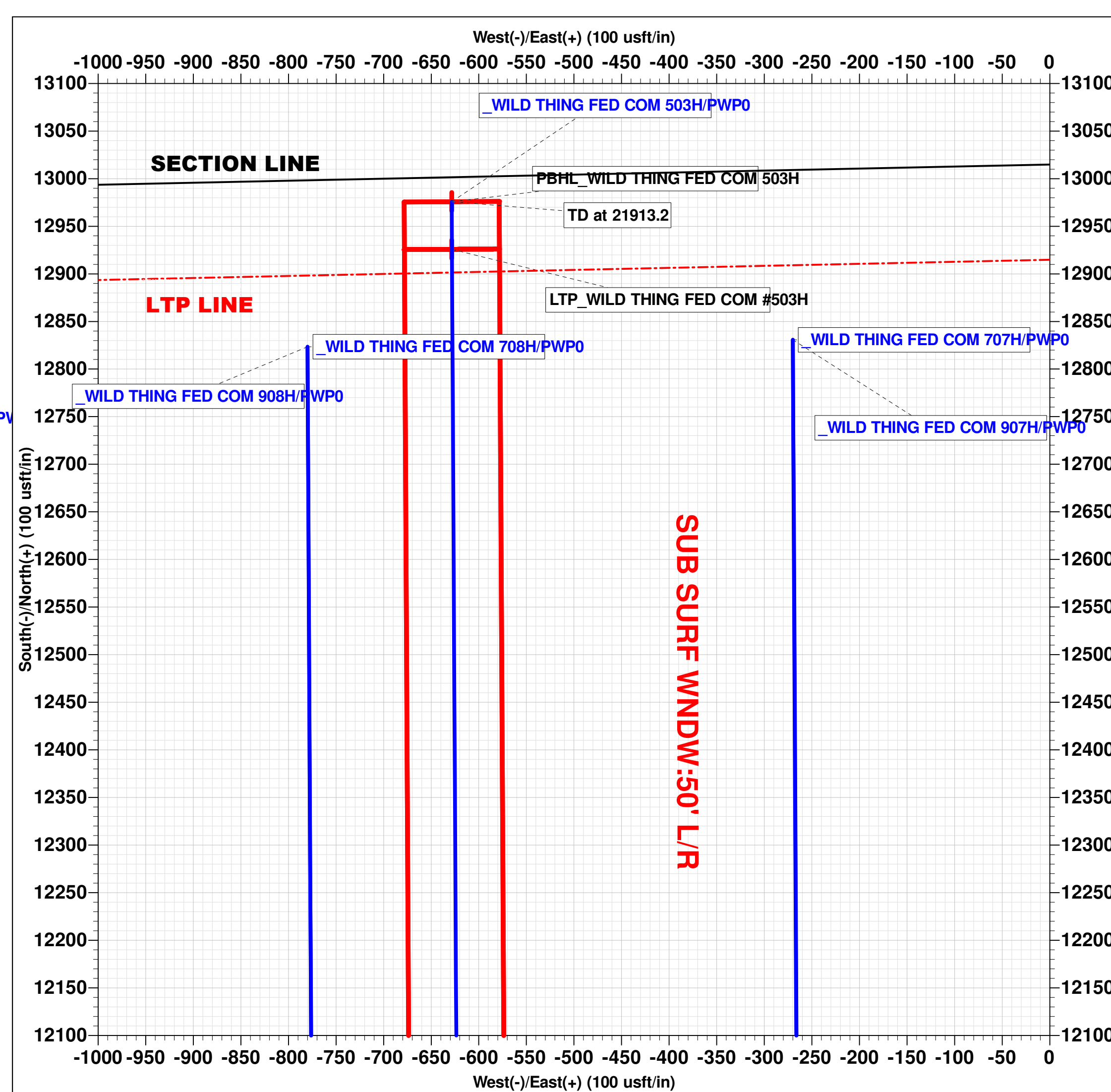
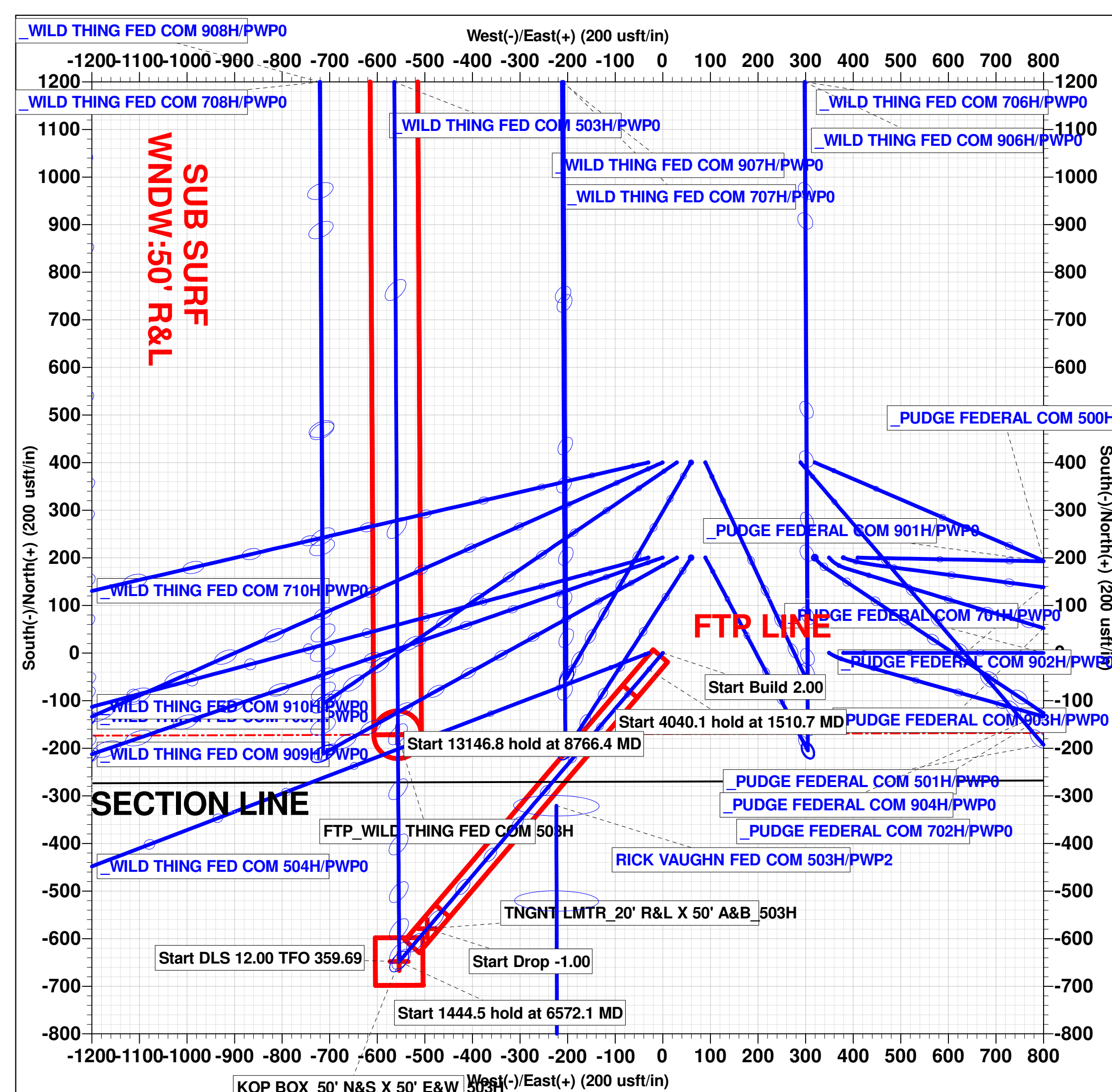
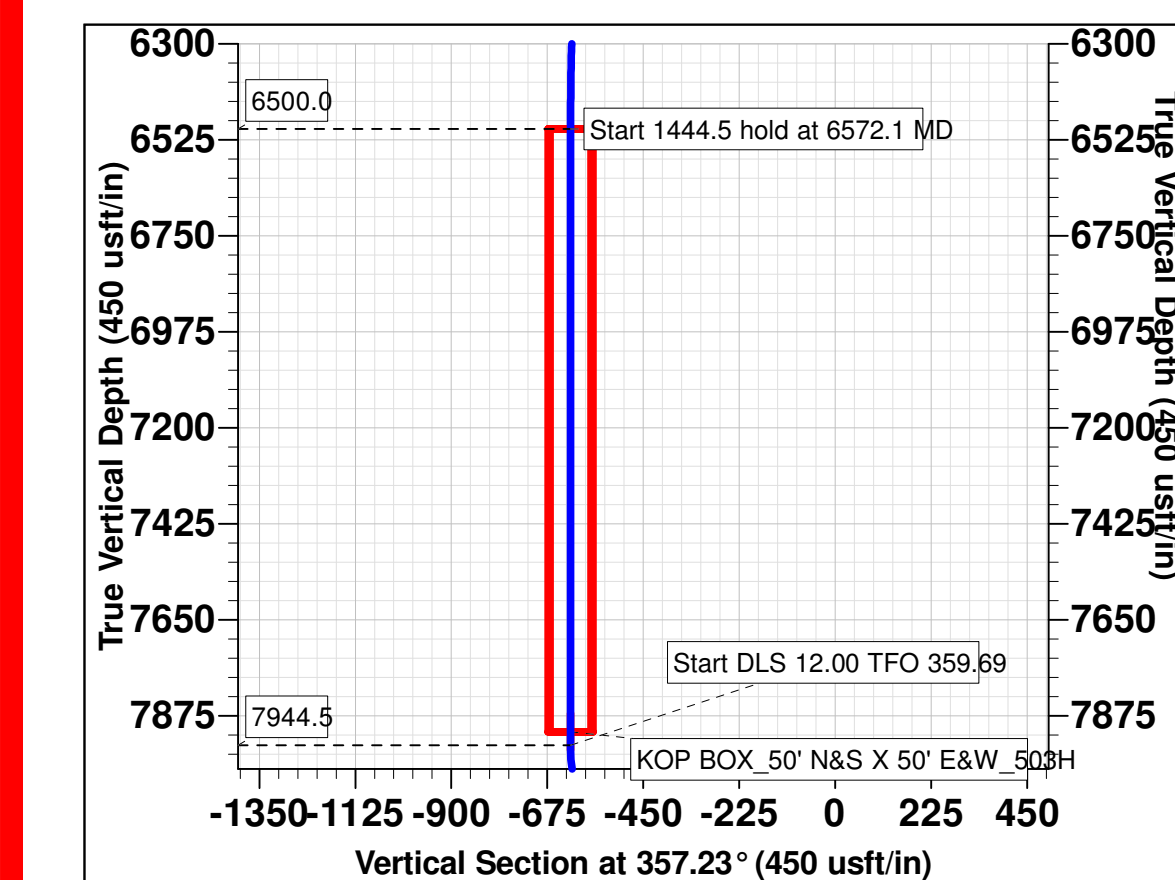
The graph displays the separation factor on the Y-axis (ranging from 0.00 to 2.40) against the measured depth on the X-axis (ranging from 0 to 13650). The graph is divided into three horizontal zones: 'Caution - Monitor Closely' (0.00 to 1.20), 'Take Immediate Action' (1.20 to 1.80), and 'STOP Drilling' (1.80 to 2.40). The 'STOP Drilling' zone is highlighted in red.

**DISTANCE TO TAKE PT BNDRY**

Cable to Centre Separation (720 us/in)

Measured Depth (2500 us/in)

Measured Depth (2500 us/in)	Cable to Centre Separation (720 us/in)
0	0
1250	0
2500	-100
3750	-250
5000	-350
6250	-375
7500	-375
8750	-100
10000	1125
11250	1125
12500	1125
13750	1125
15000	1125
16250	1125
17500	1125
18750	1125
20000	1125
21250	1125
22500	0
23750	0
25000	0
26250	0





## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	COG
<b>WELL NAME &amp; NO.:</b>	Wild Thing Fed Com 503H
<b>LOCATION:</b>	31-25S-29E-NMP
<b>COUNTY:</b>	Eddy County, New Mexico

*Changes approved through engineering via **Sundry 2864562** on 10/9/2025. Any previous COAs not addressed within the updated COAs still apply.*

Create COAs

<b>H<sub>2</sub>S</b>	<b>Cave / Karst</b>	<b>Waste Prevention Rule</b>
<input type="text" value="Not Reported"/>	<input type="text" value="Medium"/>	<input type="text" value="Waste Minimization Plan"/>
<b>Potash</b>	<b>R-111-Q Design</b>	
<input type="text" value="None"/>	<input type="text"/>	
<b>Wellhead</b>	<b>Casing</b>	
<input type="text" value="Multibowl"/>	<input type="text" value="3-String Well"/>	
<input checked="" type="checkbox"/> Flex Hose	<input type="checkbox"/> Liner <input type="checkbox"/> Fluid Filled <input type="checkbox"/> Casing Clearance	
<input checked="" type="checkbox"/> Break Testing	<b>Cementing</b>	
	<input type="checkbox"/> DV Tool <input checked="" type="checkbox"/> Bradenhead <input type="checkbox"/> Echometer	
	<input checked="" type="checkbox"/> Offline Cement <input type="checkbox"/> Open Annulus <input type="checkbox"/> Pilot Hole	
<b>Special Requirements</b>		
<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> Water Disposal	<input checked="" type="checkbox"/> COM <input type="checkbox"/> Unit

### A. HYDROGEN SULFIDE

Hydrogen Sulfide (H<sub>2</sub>S) monitors shall be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet 43 CFR 3176 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

### B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **550** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic-type temperature survey with surface



- log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
- b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 pounds compressive strength**, whichever is greater (including lead cement.)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The minimum required fill of cement behind the **9-5/8** inch Intermediate casing is **cement to surface**. If cement does not circulate, see B.1.a, c-d above.
- **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry** due to the presence of cave/karst, Capitan Reef, or potash features.

**Bradenhead Squeeze:** Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage, contingent upon no returns to surface.

- a. **First stage:** Operator will cement with intent to reach the top of the **Brushy Canyon**.
- b. **Second stage:** Operator to squeeze and top-out. Cement to meet requirements listed for this casing string. If cement does not circulate see B.1.a, c-d above.

Operator has proposed to pump down **Surface X Intermediate 1** annulus. Submit results to the BLM. If cement does not tie-back into the previous casing shoe, a third stage remediation BH may be performed. The appropriate BLM office shall be notified. ***If cement does not reach surface, the next casing string must come to surface.***

- Operator shall run a CBL from TD of the **Surface** casing to tieback requirements listed above after the second stage BH to verify TOC.
3. The minimum required fill of cement behind the **5-1/2** inch production casing is at least **200 feet** into previous casing string. Operator shall provide method of verification.  
**Excess calculates to -11%. Additional cement maybe required.**

### C. PRESSURE CONTROL

1. Operator has proposed a multi-bowl wellhead assembly. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172 must be followed.
2. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).
3. Break testing has been approved for this well ONLY on those intervals utilizing a 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP.)** If in the event break testing is not utilized, then a full BOPE test would be conducted.
  - a. Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation. **BOPE Break Testing is NOT permitted to drilling the production hole section.**
  - b. While in transfer between wells, BOPE shall be secured by the hydraulic carrier or cradle.
  - c. A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
  - d. As a minimum, a full BOPE test shall be performed at 21-day intervals.
  - e. In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per **43 CFR 3172**. Any well control event while drilling require notification to the BLM Petroleum Engineer (**575-706-2779**) prior to the commencement of any BOPE Break Testing operations.

## D. SPECIAL REQUIREMENT(S)

### **Communitization Agreement:**

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in 43 CFR 3171 and 3172.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

### **Offline Cementing**

Offline cementing has been approved for **all hole sections**. Contact the BLM prior to the commencement of any offline cementing procedure.

## GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

### Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220;  
[BLM NM CFO DrillingNotifications@BLM.GOV](mailto:BLM_NM_CFO_DrillingNotifications@BLM.GOV); (575) 361-2822

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - i. Notify the BLM when moving in and removing the Spudder Rig.
    - ii. Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
    - iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2<sup>nd</sup> Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

### A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or

- if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
  3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
  4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
  5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
  6. 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. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
  7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
  8. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

## **B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible

- hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
  4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
    - i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    - ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    - iii. Manufacturer representative shall install the test plug for the initial BOP test.
    - iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    - v. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
    - i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
    - ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)
    - iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve

open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

- iv. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- v. The results of the test shall be reported to the appropriate BLM office.
- vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- vii. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

### **C. DRILLING MUD**

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

### **D. WASTE MATERIAL AND FLUIDS**

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

Approved by Zota Stevens on 10/9/2025  
575-234-5998 / zstevens@blm.gov

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 509033

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 509033
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	11/3/2025
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	11/3/2025