

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

General Information
Phone: (505) 629-6116

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

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

Form C-101
August 1, 2011
Permit 410271

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

1. Operator Name and Address Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706		2. OGRID Number 215099
4. Property Code 338948		3. API Number 30-025-56030
5. Property Name YETI.STATE.COM		6. Well No. 223H

7. Surface Location

UL - Lot A	Section 14	Township 19S	Range 35E	Lot Idn A	Feet From 320	N/S Line N	Feet From 1306	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot B	Section 26	Township 18S	Range 35E	Lot Idn B	Feet From 100	N/S Line N	Feet From 1820	E/W Line E	County Lea
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9. Pool Information

SCHARB;BONE SPRING	55610
VACUUM;BONE SPRING, SOUTH	61900

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3761
16. Multiple Y	17. Proposed Depth 30393	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 3/27/2026
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	1870	1148	0
Int1	12.25	9.625	36	3125	716	0
Prod	8.5	7	29	9129	324	2925
Prod	8.5	5.5	20	30393	5622	9129

Casing/Cement Program: Additional Comments

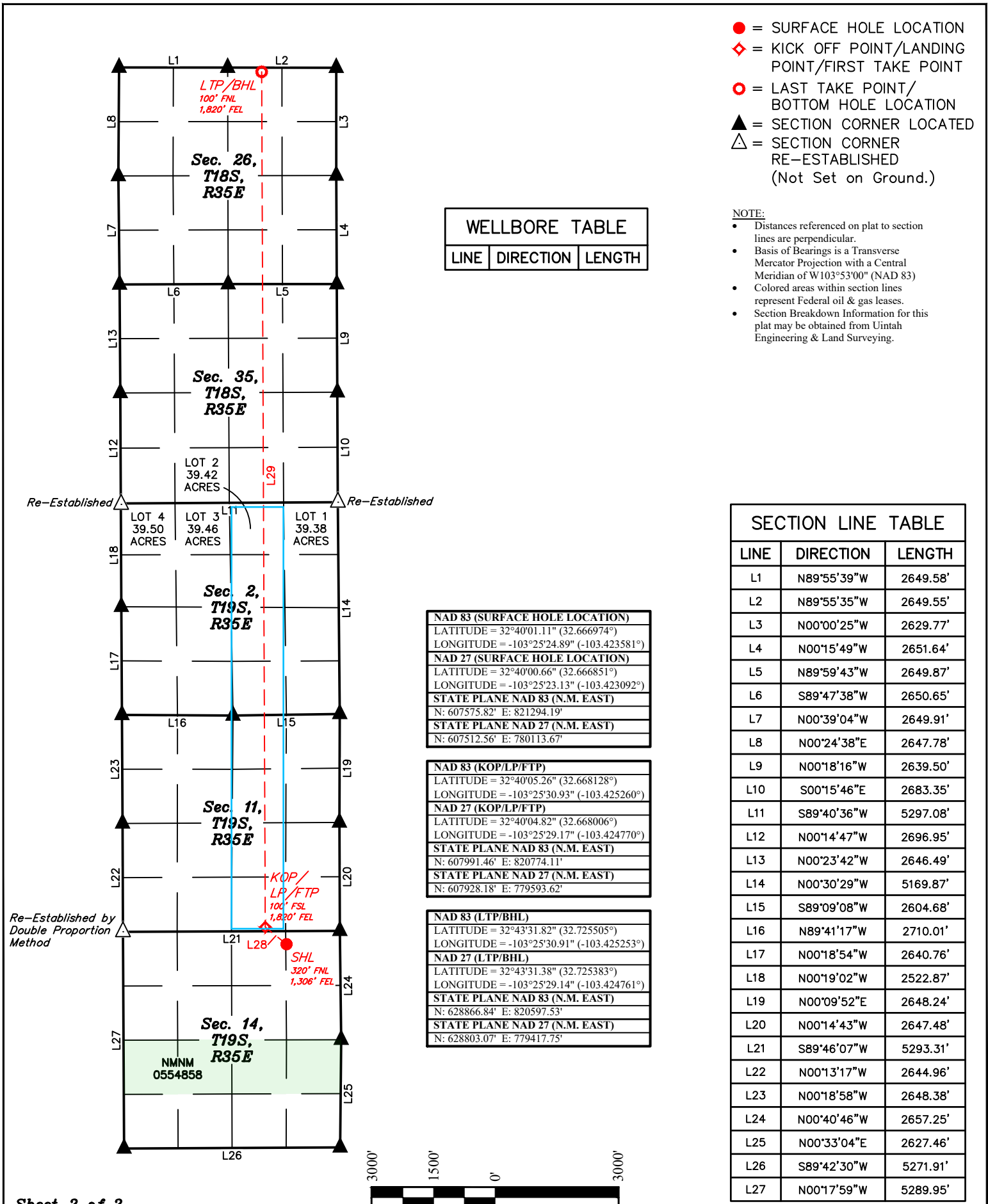
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	10000	10000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION		
	Printed Name: Electronically filed by Phillip Levasseur	Approved By: Jeffrey Harrison	
	Title: Regulatory Compliance Manager	Title: Petroleum Specialist III	
	Email Address: phillip.levasseur@coterra.com	Approved Date: 3/11/2026	Expiration Date: 3/11/2028
	Date: 3/10/2026	Phone: 412-759-4585	Conditions of Approval Attached

Property Name YETI STATE COM	Well Number 223H	Drawn By N.R. 01-15-26	Revised By
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- = SURFACE HOLE LOCATION
- ◆ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED (Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.
- Section Breakdown Information for this plat may be obtained from Uintah Engineering & Land Surveying.

WELLBORE TABLE		
LINE	DIRECTION	LENGTH

SECTION LINE TABLE		
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L1	N89°55'39"W	2649.58'
L2	N89°55'35"W	2649.55'
L3	N00°00'25"W	2629.77'
L4	N00°15'49"W	2651.64'
L5	N89°59'43"W	2649.87'
L6	S89°47'38"W	2650.65'
L7	N00°39'04"W	2649.91'
L8	N00°24'38"E	2647.78'
L9	N00°18'16"W	2639.50'
L10	S00°15'46"E	2683.35'
L11	S89°40'36"W	5297.08'
L12	N00°14'47"W	2696.95'
L13	N00°23'42"W	2646.49'
L14	N00°30'29"W	5169.87'
L15	S89°09'08"W	2604.68'
L16	N89°41'17"W	2710.01'
L17	N00°18'54"W	2640.76'
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L20	N00°14'43"W	2647.48'
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L23	N00°18'58"W	2648.38'
L24	N00°40'46"W	2657.25'
L25	N00°33'04"E	2627.46'
L26	S89°42'30"W	5271.91'
L27	N00°17'59"W	5289.95'

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°40'01.11" (32.666974°)	
LONGITUDE = -103°25'24.89" (-103.423581°)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°40'00.66" (32.666851°)	
LONGITUDE = -103°25'23.13" (-103.423092°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 607575.82' E: 821294.19'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 607512.56' E: 780113.67'	

NAD 83 (KOP/LP/FTP)	
LATITUDE = 32°40'05.26" (32.668128°)	
LONGITUDE = -103°25'30.93" (-103.425260°)	
NAD 27 (KOP/LP/FTP)	
LATITUDE = 32°40'04.82" (32.668006°)	
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N: 628866.84' E: 820597.53'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 628803.07' E: 779417.75'	



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

WELL LOCATION INFORMATION

API Number 30-025-56030	Pool Code 61900	Pool Name Vacuum; Bone Spring, South
Property Code 338948	Property Name YETI STATE COM	
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Well Number 223H
Ground Level Elevation 3,761.1'		
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		
Mineral Owner: <input checked="" type="checkbox"/> State <input checked="" 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 (NAD 83)	Longitude (NAD 83)	County
A	14	19S	35E		320 NORTH	1,306 EAST	32.666974°	-103.423581°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
B	26	18S	35E		100 NORTH	1,820 EAST	32.725505°	-103.425253°	LEA

Dedicated Acres 320	Infill or Defining Well Defining	Defining Well API Pending	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-24022		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No NA		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	11	19S	35E		100 SOUTH	1,820 EAST	32.668128°	-103.425260°	LEA

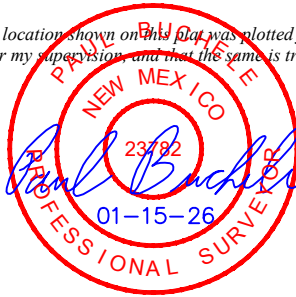
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	11	19S	35E		100 SOUTH	1,820 EAST	32.668128°	-103.425260°	LEA

Last Take Point (LTP)

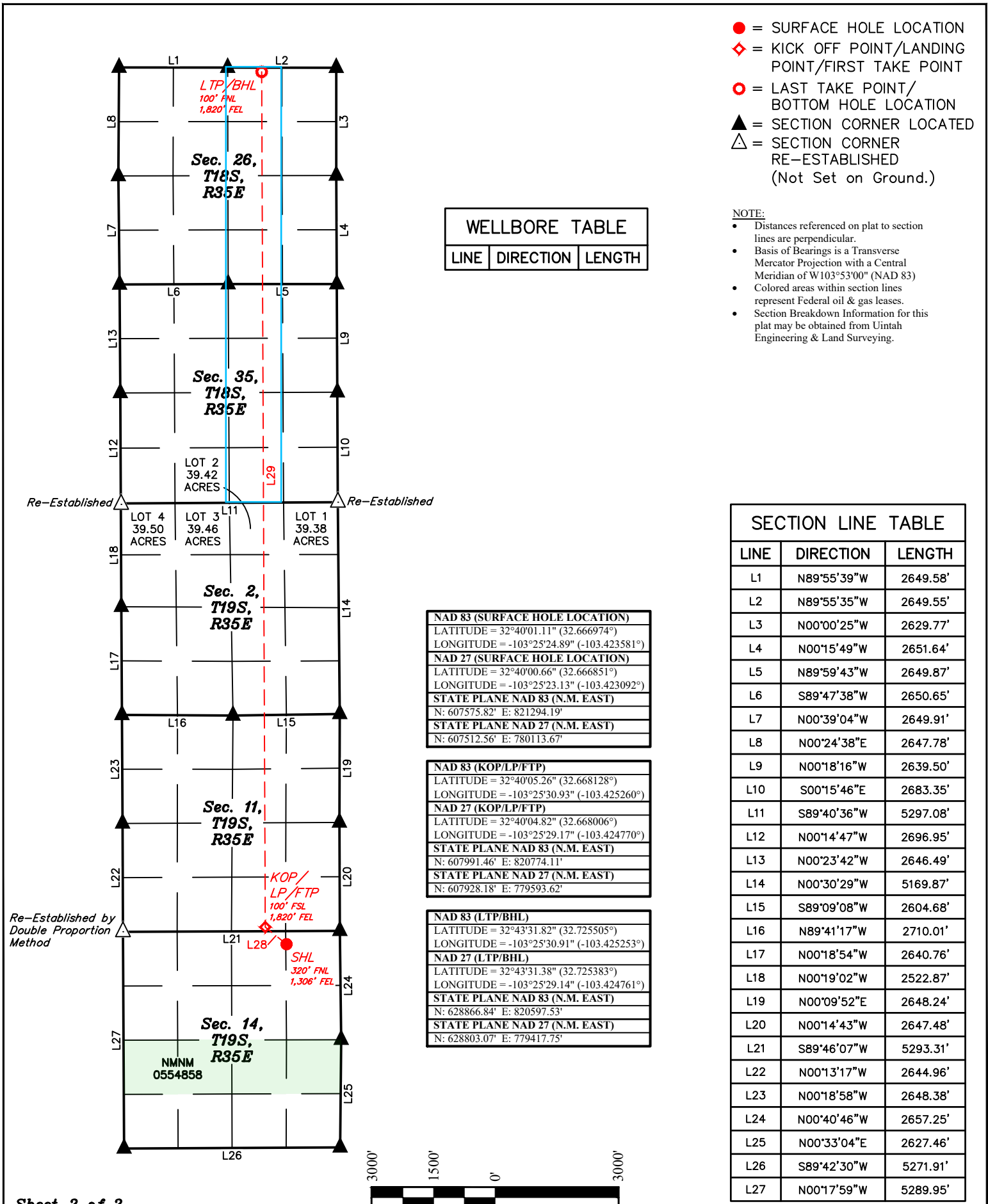
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Unitized Area or Area of Uniform Interest W2E2 Sec 26,35,2,11	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3761.1
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<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p style="text-align: center;"><i>Shelly Bowen</i> 3/2/2026</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div>
Signature _____ Date _____ Shelly Bowen Printed Name _____ shellybowen@coterra.com Email Address _____	Signature and Seal of Professional Surveyor _____ 23782 December 22, 2025 Certificate Number Date of Survey

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

Property Name YETI STATE COM	Well Number 223H	Drawn By N.R. 01-15-26	Revised By
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Form APD Comments

Permit 410271

PERMIT COMMENTS

Operator Name and Address: Coterra Energy Operating Co. [215099] 6001 Deauville Blvd Midland, TX 79706		API Number: 30-025-56030
		Well: YETI STATE COM #223H
Created By	Comment	Comment Date
jeffrey.harrison	Submitted as defining well.	3/11/2026

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

Form APD Conditions

Permit 410271

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: Coterra Energy Operating Co. [215099] 6001 Deauville Blvd Midland, TX 79706	API Number: 30-025-56030
	Well: YETI STATE COM #223H

OCD Reviewer	Condition
jeffrey.harrison	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.
jeffrey.harrison	Cement must be in place for at least 8 hours and achieve a minimum compressive strength of 500 psi before performing further operations on the well.
jeffrey.harrison	Cement is required to circulate on both surface and intermediate1 strings of casing.
jeffrey.harrison	If the method of isolation was not by circulation, a CBL must be performed; if strata isolation is not achieved, then remediation will be required before further operations.
jeffrey.harrison	File As Drilled C-102 and a directional Survey with C-104 completion packet.
jeffrey.harrison	Notify the OCD 24 hours prior to casing & cement.
jeffrey.harrison	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.
jeffrey.harrison	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
jeffrey.harrison	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.

1. Geological Formations

TVD of target 9,750
MD at TD 30,393

Pilot Hole TD N/A
Deepest expected fresh water

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone	Hazards
Rustler	1768	N/A	
Top of Salt	2031	N/A	
Base of Salt	3100	N/A	
Yates	3297	N/A	
Seven Rivers	3727	N/A	
Queen	4448	N/A	
Cherry Canyon	5567	N/A	
Brushy Canyon	6094	N/A	
Bone Spring	7520	N/A	
1st Bone Spring Sand	9210	Hydrocarbons	
2nd Bone Spring Carbonate	9335	Hydrocarbons	
2nd Bone Spring Sand	9411	Hydrocarbons	
2nd Bone Spring Sand - Target	9750	Hydrocarbons	

2. Casing Program

Hole Size	Casing Depth From	Casing Depth To	Setting Depth TVD	Casing Size	Weight (lb/ft)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17 1/2	0	1870	1870	13-3/8"	48.00	J-55	ST&C		2.93	4.82
12 1/4	0	3125	3125	9-5/8"	36.00	J-55	ST&C	1.21	2.10	3.50
8 1/2	0	9129	9129	7"	29.00	P-110	BT&C	2.00	2.63	4.76
8 1/2	9129	30393	9750	5-1/2"	20.00	P-110	BT&C	2.43	2.71	51.61
BLM Minimum Safety Factor								1.125	1	1.6 Dry 1.8 Wet

TVD was used on all calculations.
All casing strings will be tested in accordance with 43 CFR 3172.

Cimarex Energy Co., Yeti State Com 223H

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

3. Cementing Program

Casing	# Sk	Wt. lb/gal	Yld ft3/sack	H2O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surface	906	13.50	1.72	9.15	15.5	Lead: Class C + Bentonite
	242	14.80	1.34	6.32	9.5	Tail: Class C + LCM
Intermediate	533	12.90	1.88	9.65	12	Lead: 35:65 (Poz:C) + Salt + Bentonite
	183	14.80	1.34	6.32	9.5	Tail: Class C + LCM
Production	324	10.30	3.64	22.18		Lead: Tuned Light + LCM
	5622	14.20	1.30	5.86	14:30	Tail: 50:50 (Poz:H) + Salt + Bentonite + Fluid Loss + Dispersant + SMS

Casing String	TOC	% Excess
Surface		45
Intermediate		68
Production	2925	25

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

4. Pressure Control Equipment

	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.
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BOP installed and tested before drilling which hole?	Size	Min Required WP	Type		Tested To
12 1/4	13 5/8	10M	Annular	5M	100% of working pressure
			Blind Ram		10M
			Pipe Ram		
			Double Ram	X	
			Other		
8 1/2	13 5/8	10M	Annular	5M	100% of working pressure
			Blind Ram		10M
			Pipe Ram		
			Double Ram	X	
			Other		

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

5. Mud Program

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' to 1870'	Fresh Water	7.83 - 8.33	28	N/C
1870' to 3125'	Brine Water	9.80 - 10.30	30-32	N/C
3125' to 30393'	Oil Based Mud	8.50 - 9.00	50-70	N/C

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

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
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6. Logging and Testing Procedures

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

Additional Logs Planned	Interval

7. Drilling Conditions

Condition	
BH Pressure at deepest TVD	4563 psi
Abnormal Temperature	No

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
X	H2S is present
X	H2S plan is attached

8. Other Facets of Operation

9. Wellhead

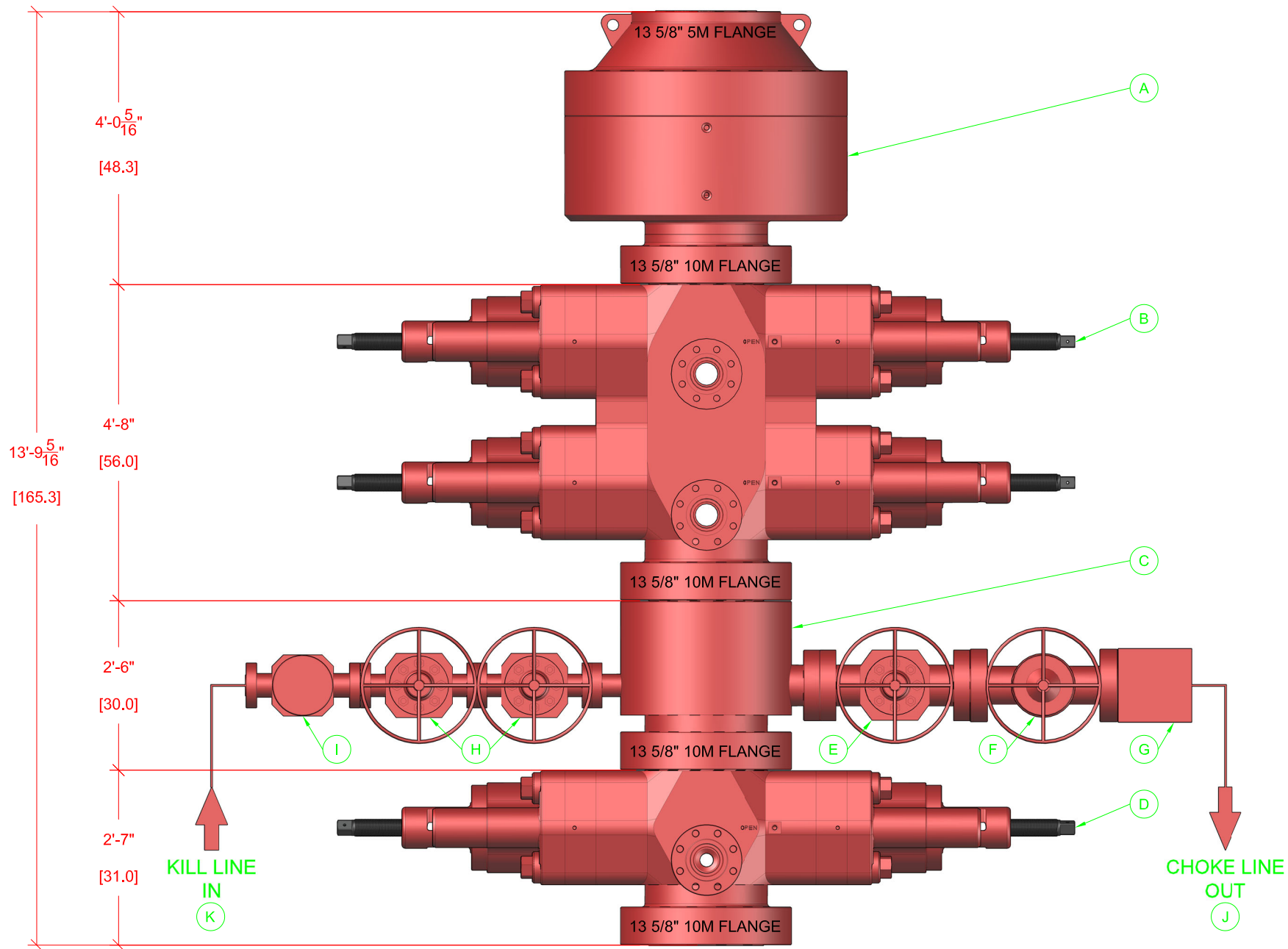
1. The multi-bowl wellhead will be installed by a vendor representative. A copy of the installation instructions has been sent to the BLM field office.
2. A packoff will be installed after running and cementing the production casing. This packoff will be tested to 10K psi.

BOPE Additional Information & Testing

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

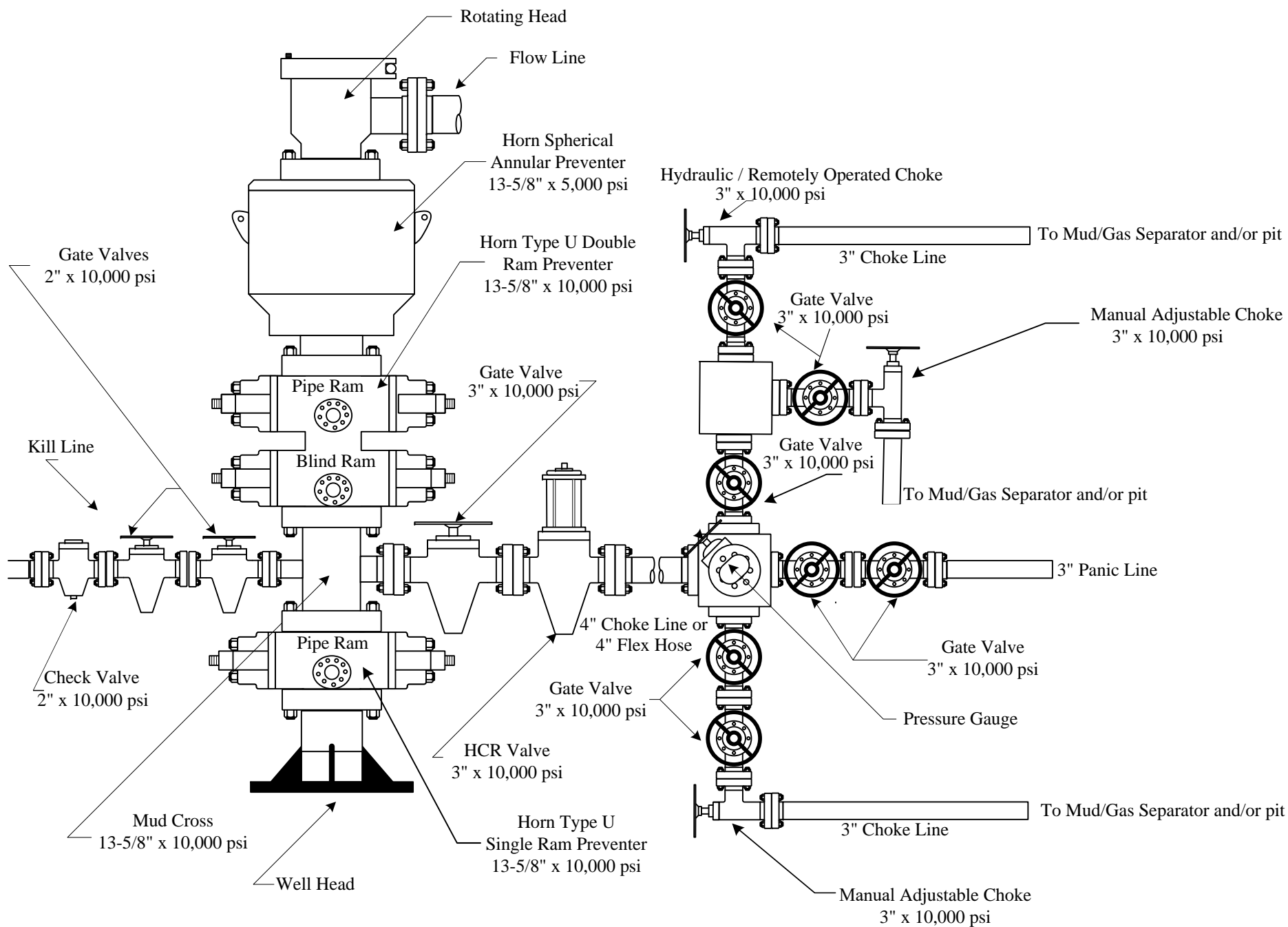
Additional Well Control Notes

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



BOP EQUIPMENT INFORMATION

DESCRIPTION	MODEL	QTY	ITEM	DESCRIPTION	MODEL	QTY
ANNULAR BOP	13 5/8" 5M	1	G	STUDDED BLOCK	4 1/2" 10M	1
DOUBLE RAM BOP	13 5/8" 10M TYPE-U	1	H	GATE VALE	2 1/2" 10M FC MANUAL	2
MUD CROSS	13 5/8" 10M	1	I	CHECK VALVE	2 1/2" 10M	1
SINGLE RAM BOP	13 5/8" 10M TYPE-U	1	J	CHOKE HOSE	4 1/2" 10M	1
GATE VALVE	4 1/2" 10M FC MANUAL	1	K	KILL HOSE	2 1/2" 10M	1
HCR VALVE	4 1/2" 10M HCR	1	L			





CERTIFICATE OF QUALITY

LTYY/QR-5.7.1-19B

No: LT2024-156-001


Customer Name			
Product Name	Choke And Kill Hose		
Product Specification	3"×10000psi×35ft (10.67m)	Quantity	1PCS
Serial Number	VTC-7660257	FSL	FSL3
customer number	PO890145-001	Standard	API Spec 16C 3 rd edition
Temperature Range	-29℃ ~+121℃	Inspection date	2024.09.03

Inspection Items	Inspection results
Appearance Checking	In accordance with API Spec 16C 3 rd edition
Size and Lengths	In accordance with API Spec 16C 3 rd edition
Dimensions and Tolerances	In accordance with API Spec 16C 3 rd edition
End Connections: 4-1/16"×10000psi Integral flange for sour gas service	In accordance with API Spec 6A 21 st edition
End Connections: 4-1/16"×10000psi Integral flange for sour gas service	In accordance with API Spec 17D 3 rd edition
Hydrostatic Testing	In accordance with API Spec 16C 3 rd edition
product Marking	In accordance with API Spec 16C 3 rd edition

Inspection conclusion	The inspected items meet standard requirements of API Spec 16C 3 rd edition
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Remarks	16C-0403 
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Approver	Jane C	Auditor	Alice D	Inspector	Leo W
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LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD	
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HYDROSTATIC TESTING REPORT

LTYT/QR-5.7.1-28

No: 24090301

Product Name	Choke And Kill Hose	Standard	API Spec 16C 3 rd edition
Product Specification	3"×10000psi×35ft (10.67m)	Serial Number	VTC-7660257
Inspection Equipment	MTU-BS-1600-3200-E	Test medium	Water
customer number	PO890145-001	Inspection Date	2024.08.30

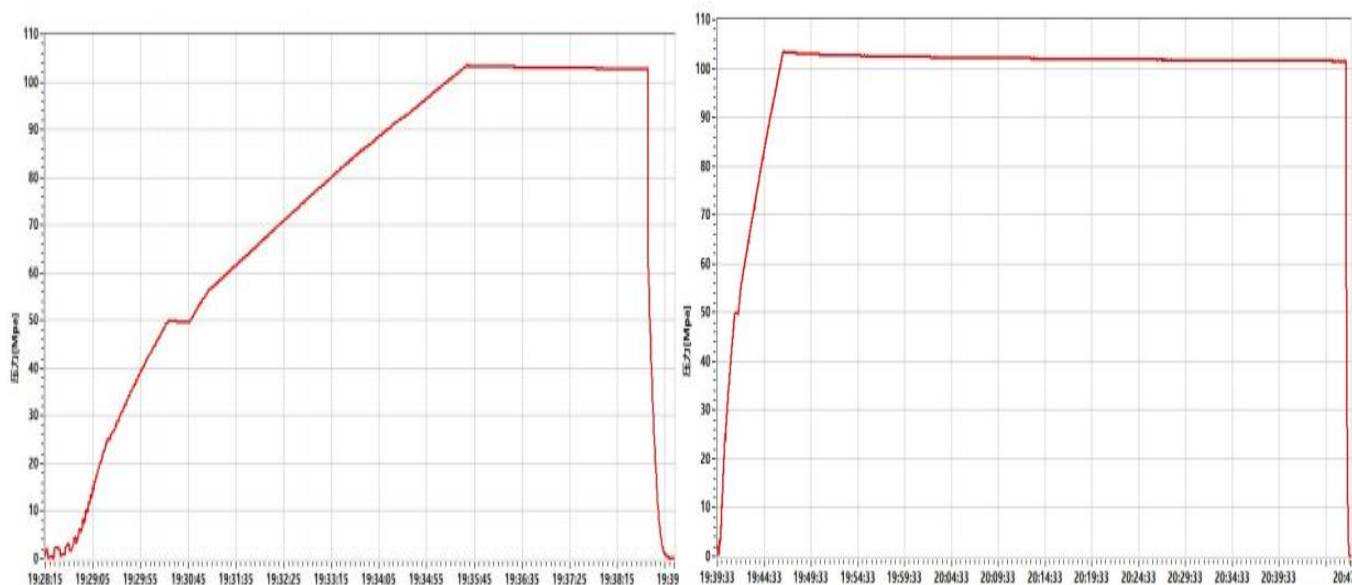
Rate of length change

Standard requirements	At working pressure ,the rate of length change should not more than ±2%
Testing result	10000psi (69.0MPa) ,Rate of length change 0.6%

Hydrostatic testing

Standard requirements	At 1.5 times working pressure, the initial pressure-holding period of not less than three minutes, the second pressure-holding period of not less than one hour, no leakage.
Testing result	15000psi (103.5MPa), 3 min for the first time, 60 min for the second time, no leakage

Graph of pressure testing:



Conclusion	The inspected items meet standard requirements of API Spec 16C 3 rd edition		16C-0403	
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Approver	Jane C	Auditor	Alice D	Inspector	Leo W
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LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD	
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CERTIFICATE OF CONFORMANCE

№:LT24090307

Product Name: Choke And Kill Hose

Product Specification: 3"×10000psi×35ft (10.67m)

Serial Number: VTC-7660257

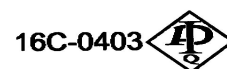
customer number: PO890145-001

End Connections: 4-1/16"×10000psi Integral flange for sour gas service

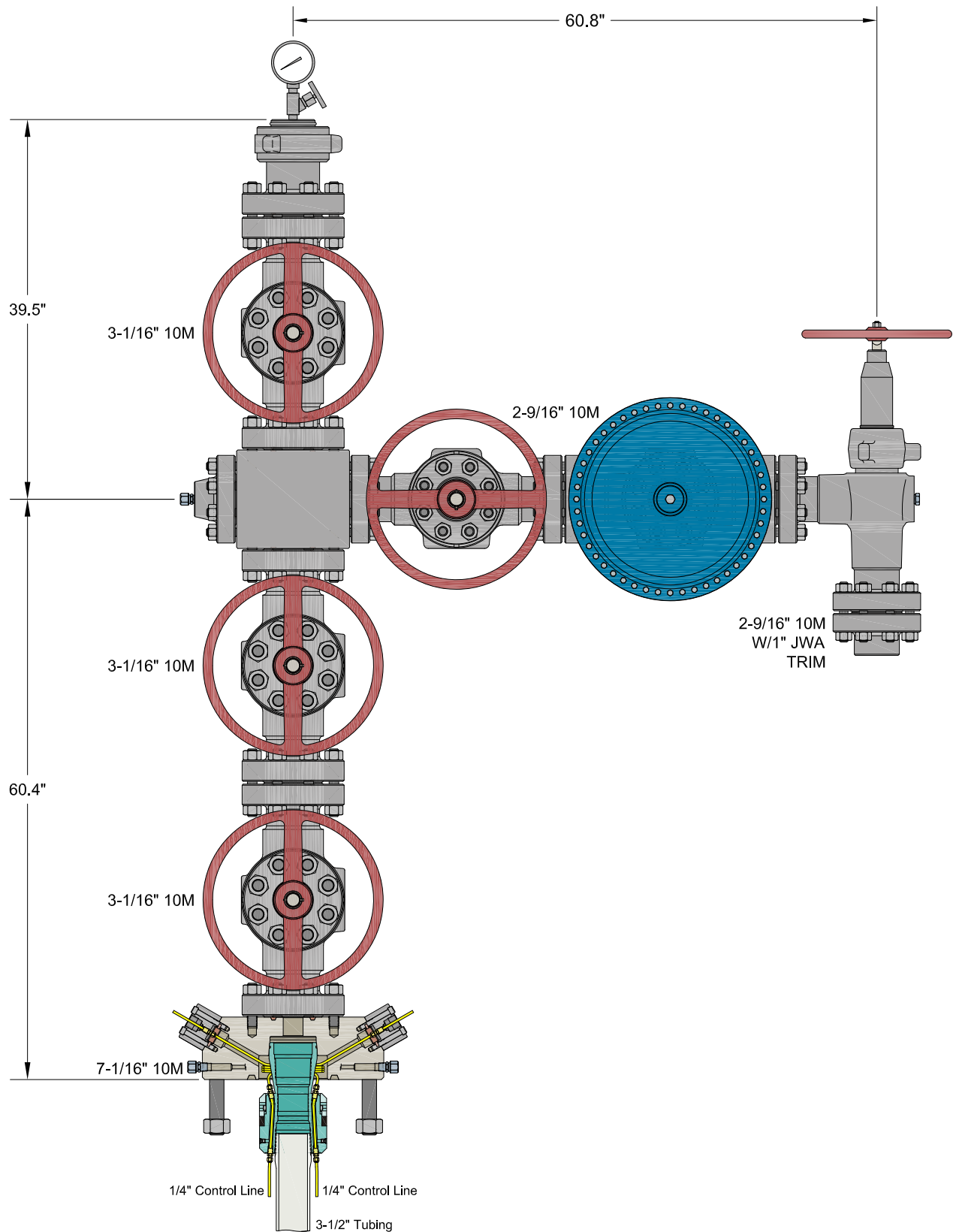
The Choke And Kill Hose assembly was produced by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD.in Sep,2024, and inspected by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD. according to API Spec 16C 3rd edition on Sep 3, 2024. The overall condition is good. This is to certify that the Choke And Kill Hose complies with all current standards and specifications for API Spec 16C 3rd edition .

QC Manager: Jane C

Date:Sep 3, 2024



LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD	
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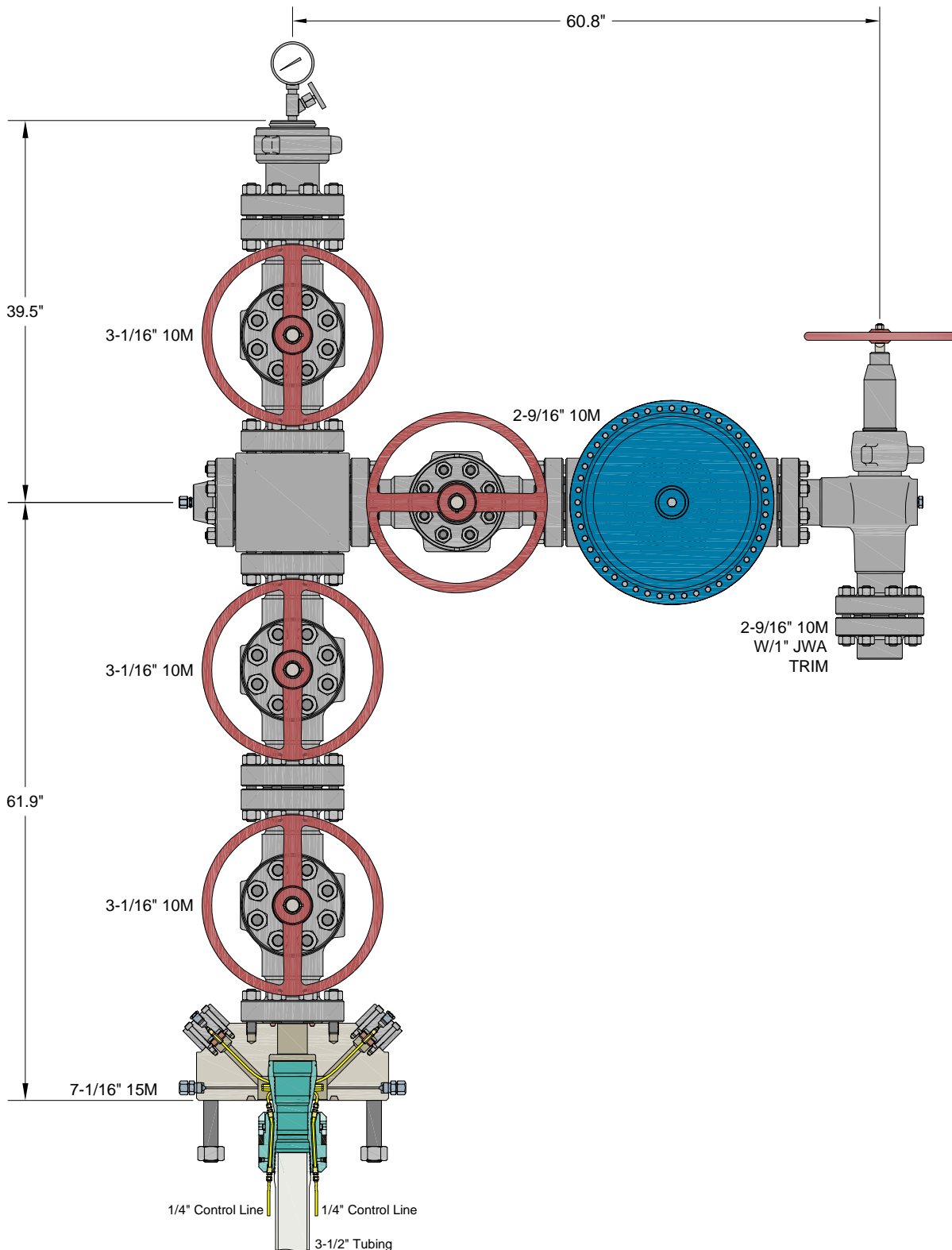
ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

CIMAREX
HOBBS, NM

7-1/16" 10M x 3-1/16" x 2-9/16" 10M Production Tree Assembly
With 7-1/16" 10M x 3-1/16" 10M T40-CCL Tubing Head Adapter
And 7-1/16" 3-1/2" T40-CCL Tubing Hanger

DRAWN	VJK	05SEP23
APPRV		
DRAWING NO.	HBE0001018	



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ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

CIMAREX
HOBBS, NM

7-1/16" 15M x 3-1/16" x 2-9/16" 10M Production Tree Assembly
With 7-1/16" 15M x 3-1/16" 10M T40-CCL Tubing Head Adapter
And 7-1/16" 3-1/2" T40-CCL Tubing Hanger

DRAWN	VJK	13DEC23
APPRV		
DRAWING NO.	HBE0001018	



Cactus

Quotation

Quote Number : HBE0001018

Hobbs, NM
4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Date: 09/08/2023
Valid For 30 Days

Page 1 of 5

Bill To: 7050

CIMAREX
ATTN: DAVID SHAW
202 S CHEYENNE AVENUE SUITE 1000
TULSA OK 74103
US

Ship To: 1016

2023 PRICING REVIEW
202 S Cheyenne Ave Ste 1000
Tulsa OK 74103-3001
US

Quantity Price Ext Price

CIMAREX

HOBBS, NM

PRODUCTION TREE ASSEMBLY
7-1/16" 10M X 3-1/16" 10M X 2-9/16" 10M
OPTIONAL 15M ADAPTER

QUOTATION SUMMARY:

- PRODUCTION TREE ASSEMBLY - \$49,338.02

CACTUS CONTACT:

RILEY STAFFORD / MIKE SPINKS
OFFICE: 405.708.7217 (RILEY) / 713.396.5762 (MIKE)
MOBILE: 405.445.2222 (RILEY) / 832.691.7724 (MIKE)
EMAIL: riley.stafford@cactuswellhead.com / mike.spinks@cactuswellhead.com

DUE TO VOLATILITY IN THE STEEL MARKET, PRICING FOR ITEMS MADE FROM NICKEL ALLOYS (EX. 410SS, 17-4PHSS, INCONEL, ETC.) WILL BE VALID FOR TWO WEEKS. CW WILL REVIEW AND ADJUST, IF NECESSARY, AT ORDER PLACEMENT.

PREMIUM THREADED CASING HANGERS/RUNNING TOOLS & CUSTOMER SPECIFIC EQUIPMENT ARE NON-CANCELABLE AND MAY REQUIRE A PURCHASE ORDER (PO) PRIOR TO MANUFACTURING.

SUPPLY CHAIN PRICING IS BASED UPON A 135 DAY DELIVERY ARO. EXPEDITED PRICING CAN BE PROVIDED UPON REQUEST. PRICES ARE F.O.B. CACTUS BOSSIER CITY, LA. THE FOLLOWING QUOTATION DOES NOT INCLUDE APPLICABLE MILEAGE AND SERVICE CHARGES THAT MAY BE CHARGED AT TIME OF INVOICING.



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Date: 09/08/2023
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Page 2 of 5

		Quantity	Price	Ext Price
PRODUCTION TREE ASSEMBLY				
1	124314P2 ADPT,TBGHD,CW,T40-CCL,7-1/16 10M STD X 3-1/16 10M STD,W/TWO #14 DHCV W/1/4 LP INLETS,10000 PSI MAX WP,TEMP PU,MATL EE,PSL2,PR2	1.00	4,830.00	4,830.00
2	120242MV VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)	1.00	4,343.00	4,343.00
3	120242MV VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)	1.00	4,343.00	4,343.00
4	128365 CRSS,STD,AOZE,3-1/16 10M X 2-9/16 10M,6A-LU-EE-3	1.00	2,650.00	2,650.00
5	120242MV VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)	1.00	4,343.00	4,343.00
6	142800 TREETCAP,NEWAY,BHTA,B15A,3-1/16 10M X 3-1/2 EU ILT,W/1/2 NPT & 3.06 MIN BORE,MONOGRAMMED,TEMP PU,MATL EE,PSL2	1.00	1,270.00	1,270.00
7	BX154 RING GASKET,BX154,3-1/16 10/15/20M	5.00	10.44	52.20
8	780077-20E1 STUD,ALL-THD W/2 HVY HEX NUTS,BLK,1-8UNC X 7,API 20E BSL-1 ASTM A193 GR B7 ALL THREAD STUD W/2 API 20E BSL-1 ASTM A194 GR 2H HEAVY HEX NUTS,NO PLATING	16.00	19.83	317.28
9	132879 FLG,BLIND,AOZE,3-1/16 10M X 1/2 NPT,W/HUB,TEMP LU,MATL EE,PSL3	1.00	495.00	495.00
10	100048 FTG,GRS,VENTED CAP,1/2 NPT,4140 -50F W/ELECTROLESS NICKEL COATING NACE,K-MONEL BALL,INCONEL X-750 SPRING	1.00	59.74	59.74
11	115900MV VLV,CW,SB100,2-9/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL2 PR2) QPQ TRIM, API 6A PR2 ANNEX F (BORE VENT HOLE)	1.00	3,285.00	3,285.00
12	128567 VLV/ACT,OMNI,FS-R,2-9/16 10M FE EE HF C/W MODEL DX-18 DIAPHRAGM PNEUMATIC ACTUATOR, FORGED BODY, REVERSE ACTING SLAB GATE, FLOATING SEATS & DIRECTIONAL FLOW BODY BUSHING (FLOW FROM RIGHT TO LEFT): MAT'L CLASS EE, HARDFACE TRIM, TEMP PU (-20 TO 250 F), PSL-2, PR-2; ACTUATOR: MATERIAL CLASS BB, TEMP P (-20F TO 180F) PR-2 (FC TYPE) W/MANUAL OVERRIDE,ACTUATOR REQUIRES 112 PSI TO OPEN AT FULL 10,000 PSI	1.00	8,292.00	8,292.00
13	130652 CHOKE,ADJ,HOE,H2,2-9/16 10M FE X FE ALLOY BDY,3" NOMINAL,W/ 2" SSTC TRIM,H2S SERVICE,API MONOGRAMMED,PSL-2 PR-2 TEMP-PU MATL-EE-1.5	1.00	7,500.00	7,500.00
14	120734 FLG,COMP,AOZE,2-9/16 10M X 2-7/8 EU,5000 PSI MAX WP,TEMP LU,PSL3,PR1	1.00	399.00	399.00



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Page 3 of 5

		Quantity	Price	Ext Price
15	BX153 RING GASKET,BX153,2-9/16 10/15/20M	5.00	11.54	57.70
16	780067-20E1 STUD,ALL-THD W/2 HVY HEX NUTS,BLK,7/8-9UNC X 6-1/2,API 20E BSL-1 ASTM A193 GR B7 ALL THREAD STUD W/2 API 20E BSL-1 ASTM A194 GR 2H HEAVY HEX NUTS,NO PLATING	24.00	14.70	352.80
17	135166 TBGHGR,CW,T40-CCL,7-1/16 X 3-1/2 EU API MOD BOX BTM X 3-1/2 EU BOX TOP,W/3 HBPV THD,W/ TWO 1/4 CCL & DOVETAIL SEAL,CF 124316P2,10000 PSI MAX WP,17-4PH SS,TEMP PU,MATL FF-0,5,PSL2,PR2	1.00	4,490.00	4,490.00
18	BX156 RING GASKET,BX156,7-1/16 10/15/20M	1.00	62.48	62.48
19	NVS NEEDLE VALVE,MFS,1/2 NPT MXF,10M PSI WP,CARBON STEEL BODY, 304/316SS STEM, TFE PACKING (NON-NACE)	1.00	61.16	61.16
20	PG10M PRESSURE GAUGE,10M,4-1/2 FACE, LIQUID FILLED,1/2 NPT	1.00	58.24	58.24
21	PRO Prorata Freight	0.75	2,768.56	2,076.42
				49,338.02

OPTIONAL 15M ADAPTER

22	124999P2 ADPT,TBGHD,CW,T40-CCL,7-1/16 15M STD X 3-1/16 10M STD,W/TWO #14 DHCV W/1/4 NPT INLET,10000 PSI MAX WP,TEMP PU,MAT'L EE,PSL2,PR2	0.00	7,423.00	0.00
				0.00

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For Acceptance of this Quotation
 Please Contact Ph: 713-626-8800
 sales@cactuswellhead.com

Matl:	47,261.60
Labor:	0.00
Misc:	2,076.42
Sales Tax:	0.00
Total:	49,338.02



Cactus

Quotation

Quote Number : HBE0001018

Hobbs, NM
4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Date: 09/08/2023

Valid For 30 Days

Page 4 of 5

CACTUS WELLHEAD, LLC PURCHASE TERMS AND CONDITIONS

1. **ACCEPTANCE:** Acceptance of Cactus Wellhead, LLC (herein: Company) Purchase Terms and Conditions (herein: CACTUS Purchase Terms) shall be deemed effective upon shipment of the Products and/or rendering of Services which are the subject of an order by Customer (defined as the party purchasing CACTUS Products and or Services referred on the invoice). Any proposal made by Customer for additional or different terms and conditions or any attempt by Customer to vary in any degree any of the terms and conditions of CACTUS Purchase Terms is hereby rejected.
2. **PRICING:** Each Product and Service shall be invoiced at (and Customer shall pay) the respective price shown on the reverse side hereof, or if no price is shown on the reverse side hereof, at the price shown in the current price list of Company. In addition, Customer shall pay any and all additional charges for mileage, transportation, freight, packing and other related charges, as well as any federal, state or local tax, excise, or charge applicable on the sale, transportation, or use of Products and Services, unless otherwise specified.
3. **TERMS OF PAYMENT:** Customer agrees to pay Company any and all payments due on or before thirty (30) days from invoice date at the designated address of Company. Amounts unpaid after such thirty (30) day period shall bear interest at the lesser of (i) one and one-half percent (1½%) per month or (ii) the maximum rate allowed by law. Customer shall also pay any and all of Company's attorney's fees and court costs if any amounts hereunder are collected by an attorney or through legal proceedings. Company reserves the right, among other remedies, either to terminate this agreement or to suspend further deliveries upon failure of Customer to make any payment as provided herein.
4. **LIMITED WARRANTY.** COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE MERCHANTABILITY, FITNESS FOR PURPOSE, DESCRIPTION, QUALITY, PRODUCTIVENESS, ACCURACY OR ANY OTHER MATTER WITH RESPECT TO PRODUCTS OR SERVICES, ALL SUCH WARRANTIES BEING HEREBY SPECIFICALLY AND EXPRESSLY DISCLAIMED BY COMPANY. COMPANY MAY OFFER TECHNICAL ADVICE OR ASSISTANCE WITH REGARD TO THE PRODUCTS AND SERVICES BASED ON LABORATORY AND/OR FIELD EXPERIENCE AND CUSTOMER UNDERSTANDS AND AGREES THAT SUCH ADVICE REPRESENTS ONLY GOOD FAITH OPINIONS AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE. THE SOLE AND EXPRESS WARRANTY PROVIDED BY COMPANY IS TO WARRANT THAT THE PRODUCTS SOLD AS LISTED ON THE REVERSE SIDE HEREOF COMPLY WITH COMPANY'S SOLE SPECIFICATION AT THE DATE AND TIME OF MANUFACTURE. COMPANY MAKES NO WARRANTY THAT SUCH PRODUCTS SHALL MEET SUCH SPECIFICATION AT ANY TIME AFTER SHIPMENT OF PRODUCTS. USE OF SUCH PRODUCTS IS SPECIFICALLY NOT WARRANTED.
5. **REMEDY.** The exclusive remedy for this warranty for Products shall be limited to, in Company's sole discretion and judgment, the replacement of defective part(s), F.O.B. Company's plant (transportation, redesign, dismantling, disposal of material and installation are not included and shall be borne and paid for by Customer), or repair of defective part(s). The exclusive remedy for this warranty for Services shall be limited to the repeat of Services performed F.O.B. Company's plant (transportation, redesign, dismantling, disposal of material and installation are not included and shall be borne and paid for by Customer). Any such repeat of Services or replacement or repair of Products shall not include any materials not sold by Company hereunder, and specifically excludes any obligation by Company related to other property of the Customer or any property of third parties. Provided, however, Company may in its sole discretion, decide to instead give Customer credit memorandum for the amounts already paid by Customer to Company for such Product or Service. IN ANY EVENT AND NOTWITHSTANDING THE LANGUAGE TO THE CONTRARY HEREIN, CUSTOMER ACKNOWLEDGES THAT ANY CLAIM IT MAY HAVE ARISING OUT OF OR IN CONNECTION WITH ANY ORIGINAL PRODUCTS AND SERVICES, ANY REPLACEMENT PRODUCTS OR REPEAT OF SERVICES AND THESE CACTUS PURCHASE TERMS SHALL BE LIMITED TO AND NOT EXCEED THE AMOUNT CUSTOMER HAS ACTUALLY PAID TO COMPANY FOR SUCH PRODUCTS AND/OR SERVICES PURSUANT HERETO. If Customer fails to make any such claim within thirty (30) days after completion of Service or delivery of Products, Customer hereby waives (to the extent permitted by applicable law) any and all claims it may or does have with respect to such Products and Services. Unless Customer is an authorized reseller of Company, Company's liability in connection with Products and Services shall extend only to Customer. CUSTOMER HEREBY INDEMNIFIES AND HOLDS COMPANY (AND ITS AGENTS, REPRESENTATIVES, OFFICERS DIRECTORS AND EMPLOYEES) HARMLESS FOR ANY LOSS, EXPENSE OR DAMAGE (WHETHER OF CUSTOMER OR OF ANY THIRD PARTY) ARISING FROM OR IN CONNECTION WITH PRODUCTS AND SERVICES, INCLUDING WITHOUT LIMITATION ANY FAILURE OF SUCH PRODUCTS AND SERVICES TO CONFORM TO CUSTOMER'S ORDER OR SPECIFICATION OR ANY OTHER STANDARD, OR ANY NEGLIGENCE OR BREACH OF WARRANTY BY COMPANY WITH RESPECT TO ANYTHING DONE OR FAILED TO HAVE BEEN DONE BY COMPANY, IF AND TO THE EXTENT THAT SUCH LOSS, EXPENSE OR DAMAGE EXCEEDS THE AMOUNT CUSTOMER HAS ACTUALLY PAID COMPANY PURSUANT HERETO FOR SUCH PRODUCTS OR SERVICES.
6. **INSPECTION.** The results of any inspection or testing reported by the Company to Customer represents only good faith opinions and are not to be construed as warranties or guarantees of the quality, classification, merchantability, fitness for purpose, condition, or liability of any equipment or material that has been inspected or tested by the Company.
7. **INSURANCE.** Each party agrees to maintain comprehensive general liability insurance in the amount of \$1,000,000 each occurrence, \$2,000,000 general aggregate, and Workers Compensation insurance per statutory requirements providing coverage for the indemnity obligations in this agreement. The Company (and such of its affiliates as it shall designate) including their officers, directors, members, shareholders, partners, joint ventures, employees, agents and representatives shall be named as additional insureds under the policies of Customer on a primary basis to the extent of its indemnification obligations set forth in these CACTUS Purchase Terms, and the policies shall also provide a waiver of subrogation rights in favor of the Company (and such of its affiliates as it shall designate) and their officers, directors, members, shareholders, employees, agents and representatives. The provisions of this Section 7 shall apply and the obligation to maintain insurance of each party in the coverages and amounts set forth herein shall remain in force regardless and independent of the validity or enforceability of the indemnity provisions of Section 8, below; the obligation to obtain insurance is a separate and independent obligation. If the insurance required herein is more or less than allowed by prevailing law, the indemnity obligations in Section 8 below shall be effective only to the maximum extent permitted under applicable law.
8. **INDEMNIFICATION.** The following indemnifications and releases of liability will apply to any Products or Services provided under this contract. COMPANY AND CUSTOMER EXPRESSLY AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE EFFECTIVE, THE INDEMNITIES AND DISCLAIMERS OF WARRANTIES CONTAINED HEREIN ARE "CONSPICUOUS."
 - A. **Customer Indemnity Obligations.** Customer hereby releases Company from any liability for, and shall protect, defend, indemnify, and hold harmless Company, its parents, affiliates, subsidiaries, partners, joint owners, joint ventures, and its contractors and subcontractors of any tier, and the officers, directors, agents, representatives, employees, insurers, and consultants (specifically excluding any member of Customer Group) of all of the foregoing, and its and their respective successors, heirs and assigns ("Company Group") from and against all costs (including the payment of reasonable attorneys' fees), losses, liabilities, demands, causes of action, damages, or claims of every type and character ("Claims"), arising out of or resulting from or related, directly or indirectly, to (i) injury to, illness or death of Customer its parents, affiliates, subsidiaries, partners, joint owners, joint ventures, and its contractors and subcontractors of any tier, and the officers, directors, agents, representatives, employees, customers, insurers, invitees and consultants of all of the foregoing, and its and their respective successors, heirs and assigns ("Customer Group"), or (ii) loss of or damage to any property of any member of Customer Group, REGARDLESS OF THE CAUSE OF SUCH CLAIMS, INCLUDING THE NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP, BUT NOT IN THE CASE OF GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY MEMBER OF COMPANY GROUP.
 - B. **Company Indemnity Obligations.** Company hereby releases Customer from any liability for, and shall protect, defend, indemnify, and hold harmless Customer from and against all Claims arising out of or resulting from or related, directly or indirectly, to (i) injury to, illness or death of any member of Company Group, or (ii) loss of or damage to any property of any member of Company Group, REGARDLESS OF THE CAUSE OF SUCH CLAIMS, INCLUDING THE NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF CUSTOMER GROUP, BUT NOT IN THE CASE OF GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY MEMBER OF COMPANY GROUP.
 - C. **Third Party Claims.** Notwithstanding the foregoing, to the extent of its negligence, Company and Customer shall each indemnify, defend and hold harmless from and against all Claims, of every type and character, which are asserted by third parties for bodily injury, death or loss or destruction of property or interests in property in any manner caused by, directly or indirectly resulting from, incident to, connected with or arising out of the work to be performed, Services to be rendered or Products or materials furnished to Customer. When personal injury, death or loss of or damage to property is the result of joint or concurrent negligence of Customer and Company, the indemnitor's duty of indemnification shall be in proportion to its allocable share of such negligence.
 - D. **Pollution.** Company agrees that it shall be totally responsible for, and shall protect, defend and indemnify, Customer for all losses, damages, claims, demands, costs, charges, and other expenses, including attorneys' fees, for any and all waste and/or hazardous substances which are in Company Group's exclusive possession and control and directly associated with Company Group's equipment and facilities, EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF CUSTOMER GROUP. Customer shall assume all responsibility for, including control and removal of, and shall protect, defend and indemnify Company Group from and against all Claims arising directly or indirectly from all other pollution or contamination which may occur during the conduct of operations hereunder, including, but not limited to, that which may result from fire, blowout, cratering, seepage or any other uncontrolled flow of oil, gas, water or other substance, EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF COMPANY GROUP.
 - E. **Wild Well.** Customer shall release Company Group of any liability for, and shall protect, defend and indemnify Company Group for any damages, expenses, losses, fines, penalties, costs, expert fees and attorneys' fees arising out of a fire, blow out, cratering, seepage or wild well, including regaining control thereof, debris removal and property restoration and remediation. THIS INDEMNITY APPLIES EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE, ORDINARY OR GROSS) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP.
 - F. **Underground Damage.** Customer shall release Company Group of any liability for, and shall protect, defend and indemnify Company Group from and against any and all claims, liability and expenses resulting from operations related to the work under this agreement on account of injury to, destruction of, or loss or impairment of any property right in or to oil, gas or other mineral substance or water, if at the time of the act or omission causing such injury, destruction, loss or impairment said substance and not been reduced to physical possession above the surface of the earth, and for any loss or damage to any formation, strata, or reservoir beneath the surface of the earth. THIS INDEMNITY APPLIES EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE, ORDINARY OR GROSS) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP.
 - G. The foregoing indemnities set forth in these CACTUS Purchase Terms are intended to be enforceable against the parties hereto in accordance with the express terms and scope hereof notwithstanding Texas' Express Negligence Rule or any similar directive that would prohibit or otherwise limit indemnities because of the negligence (whether sole, concurrent, active or passive, ordinary or gross) or other fault or strict liability of Company or Customer.
 - H. If a claim is asserted against one of the parties to this agreement which may give rise to a claim for indemnity against the other party hereto, the party against whom the claim is first asserted must notify the potential indemnitor in writing and give the potential indemnitor the right to defend or assist in the defense of the claim.
9. **RISK OF LOSS.**
 - A. Title and risk of loss shall pass to Customer upon delivery as specified in Article 11. Customer's receipt of any material delivered hereunder shall be an unqualified acceptance of, and a waiver by Customer of any and all claims with respect to, such material unless Customer gives Company written notice of claim within thirty (30) days after such receipt. Notwithstanding the foregoing, installation or use of materials or equipment shall unequivocally constitute irrevocable acceptance of said materials. Customer assumes all risk and liability for the results obtained by the use of any material or Products delivered hereunder in work performed by on behalf of Customer or in combination with other or substances. No claim of any kind, whether as to material delivered or for non-delivery of material, and whether or not based on negligence, shall be greater in amount than the purchase price of the


Cactus™
Quotation
Quote Number : HBE0001018

 Hobbs, NM
 4120 W Carlsbad Hwy
 Hobbs NM 88240
 Phone: 817-682-8336

Date: 09/08/2023

Valid For 30 Days

Page 5 of 5

material in respect of which such claim is made.

B. For Services, Company shall not be liable for loss or deterioration of any equipment and material of Customer under Company's control or stored on Company's premises after Company has completed its work if such loss or deterioration results from atmospheric condition, Act of God or other occurrence not within the reasonable control of Company.

10. **TERMINATION.** Company reserves the right to terminate the order at issue, or any part hereof, solely for its convenience at any time without cause with notice to Customer. Company shall have the right to cancel any unfilled order without notice to Customer in the event that Customer becomes insolvent, adjudicated bankrupt, petitions for or consents to any relief under any bankruptcy reorganization statute, violates a term of these CACTUS Purchase Terms, or is unable to meet its financial obligations in the normal course of business. In the event of such termination, Company shall immediately stop all work hereunder. Prior to delivery, Customer may terminate this order without cause upon thirty (30) day notice in writing to Company. In the event of such termination, Company at its sole option shall cease work up to thirty (30) days after such notice. Upon the cessation of work, Customer agrees to pay Company a reasonable termination charge consisting of a percentage of the invoice price, such percentage to reflect the value of the Products, Services or work in progress completed upon the cessation of work. Customer shall also pay promptly to Company any costs incurred due to paying and settling claims of Company's vendors or subcontractors arising out of the termination of the order by Customer.

11. **DELIVERY.** Unless different terms are provided on the face of this order, all items are sold FOB Company's manufacturing facility in Bossier City, LA., and Customer shall bear the cost of transportation to any other named destination. Upon notification of Company of delivery, Customer shall become liable and shall bear all risk of loss associated with the Products at issues regardless of whether the Products are at a location controlled by Company and whether or not caused by the negligence of Company. In the case of Customer pick-up, the truck furnished by Customer is the destination and Company's obligations regarding shipments are fulfilled when the Products are loaded on the truck. Items to be shipped to any other destination outside of the United States are sold FOB port of shipment (Customer will deliver and bear the cost of transportation to the named port and will bear the cost of transportation thereafter to the final destination). The means of shipment and carrier to the point at which Company's liability for transportation costs ceases shall be chosen by Company. Excess packing, marking, shipping, and transportation charges resulting from compliance with Customer's request shall be for Customer's account. Unless otherwise agreed in writing, delivery time is not of the essence.

12. **RETURNS/REFUND.** Within ninety (90) days of delivery, Customer has the option to return any non-defective Products (any Products found to be defective will be subject to the warranty and remedies expressed in paragraphs four (4) and five (5) above). Customer shall bear all costs of shipment and/or transportation for such return and risk of loss for the returned Products shall remain with Customer until re-delivered to Company's Yard. Customer shall receive a full refund for any returns, less a twenty percent (20%) restocking fee. Company at all times reserves the right to designate certain Products as non-refundable in Company's Sales Quote or Sales Order. In addition, any made-to-order, special order, and/or Product manufactured to Customer specifications are NOT returnable.

13. **DELAYS.** If a specific shipping date is either not given or is estimated only, and is not promised on the face of this order or in a separate writing signed by Company, Company will not be responsible for delays in filling this order nor liable for any loss or damages resulting from such delays. If a specific shipping date is promised, Company will not be liable for delays resulting from causes beyond Company's control, including without limitation accidents to machinery, fire, flood, act of God or other casualty, vendor delays, labor disputes, labor shortages, lack of transportation facilities, priorities required by, requested by, or granted for the benefit of any governmental agency, or restrictions imposed by law or governmental regulation.

14. **LIMITATION OF DAMAGES.** Notwithstanding any other provision contained herein, Company shall not be liable to Customer Group or any third party for consequential (whether direct or indirect damages), indirect, incidental, special or punitive damages, howsoever arising, including, but not limited to loss of profits (whether direct or indirect damages), revenues, production or business opportunities, WHETHER OR NOT SUCH LOSSES ARE THE RESULT IN WHOLE OR IN PART FROM THE NEGLIGENCE (WHETHER SOLE, JOINT, CONCURRENT OR COMPARATIVE, ACTIVE OR PASSIVE, ORDINARY OR GROSS) OF COMPANY GROUP, OR ANY DEFECT IN THE PREMISES, PRE-EXISTING CONDITIONS, PATENT OR LATENT, BREACH OF STATUTORY DUTY, STRICT LIABILITY OR ANY OTHER THEORY OF LEGAL LIABILITY OF COMPANY GROUP (EXCLUDING ONLY LOSSES CAUSED BY THE WILLFUL MISCONDUCT OF COMPANY GROUP).

15. **SECURITY INTEREST.** Customer grants Company, and Company reserves, a security interest, covering all Customer's obligations under these terms (including any liability for breach of Customer's obligations), and applying to all of Customer's right, title, and interest in the Leased Equipment, together with all accessions thereto and any proceeds that may arise in connection with the sale or disposition thereof. Customer shall cooperate with Company in the filing of Financing Statements to perfect such security interest. Furthermore, Customer authorizes Company to execute and file Financing Statements without Customer's signature in any jurisdiction in which such procedure is authorized. Customer warrants, covenants and agrees that it will not, without prior written consent of Company, sell, contract to sell, lease, encumber, or dispose of the Leased Equipment or any interest in it until all obligations secured by this security interest have been fully satisfied.

16. **PATENT AND INTELLECTUAL PROPERTY.** The sale of any Products hereunder does not convey any intellectual property license by implication, estoppel or otherwise regarding the Products. Company retains the copyright in all documents, catalogs and plans supplied to Customer pursuant to or ancillary to the contract. Unless otherwise agreed in writing, Customer shall obtain no intellectual property interest in any Company Product.

17. **TAXES.** Unless otherwise specifically provided for herein, Customer shall be liable for all federal, state, or local taxes or import duties assessed by any governmental entity of any jurisdiction in connection with the Products or Services furnished hereunder.

18. **DECEPTIVE TRADE PRACTICES.** Customer acknowledges the application of Section 17.45(4) of the Texas Deceptive Trade Practices Act (Texas Business Commission Code §17.41 et. seq.) (the "Act") to any transaction contemplated hereby and represents that it is not a "consumer" for the purposes of the Act.

19. **NO WAIVER.** Failure to enforce any or all of the provisions in these CACTUS Purchase Terms in any particular instance shall not constitute or be deemed to constitute a waiver of or preclude subsequent enforcement of the same provision or any other provision of these CACTUS Purchase Terms. Should any provision of these CACTUS Purchase Terms be declared invalid or unenforceable all other provisions of these CACTUS Purchase Terms shall remain in full force and effect.

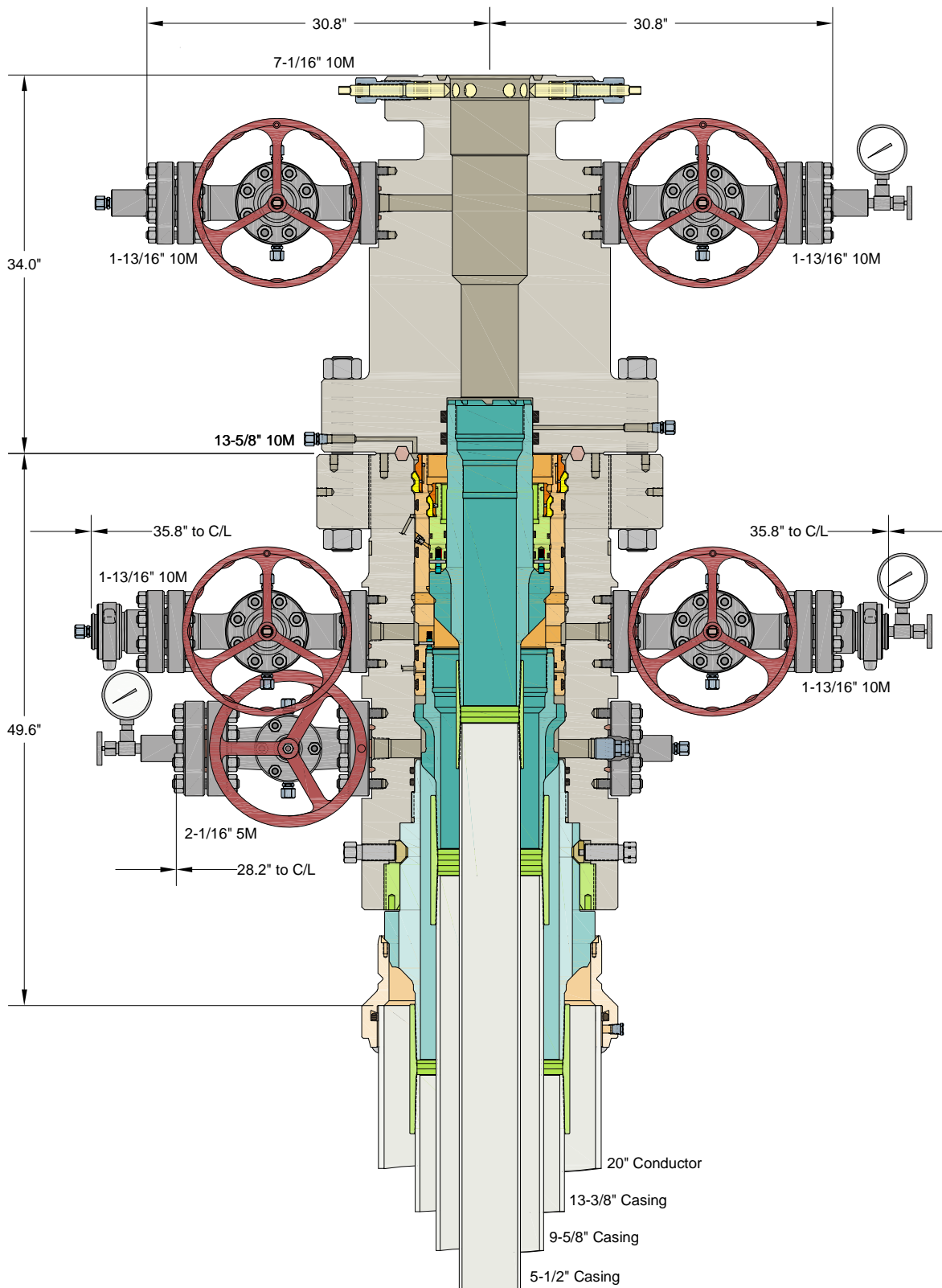
20. **CHOICE OF LAW.** THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND SHALL BE PERFORMABLE IN HARRIS COUNTY, TEXAS. WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPALS AND WAIVER OF SAME, EACH PARTY HERETO SUBMITS TO THE JURISDICTION OF THE COURTS OF THE STATE OF TEXAS IN HARRIS COUNTY, TEXAS AND THE FEDERAL COURTS IN AND FOR THE SOUTHERN DISTRICT OF TEXAS SITTING IN HOUSTON, TEXAS IN CONNECTION WITH ANY DISPUTE ARISING UNDER THIS AGREEMENT OR ANY DOCUMENT OR INSTRUMENT ENTERED INTO IN CONNECTION HEREWITH.

21. **AUTHORITY.** Customer warrants and represents that the individual receiving this order at issue on behalf of Customer has the authority to enter into these CACTUS Purchase Terms on behalf of Customer, and that upon receipt these CACTUS Purchase Terms shall be binding upon Customer.

22. **FORCE MAJEURE.** If Company is unable to carry out its obligations hereunder by reason of force majeure, then upon Company's giving of notice and reasonably full particulars of such force majeure in writing to Customer, Company's obligations that are affected by force majeure shall be suspended during the continuance of the force majeure and Company shall not be liable to Customer for any damages incurred by the Customer as a result thereof.

23. **CONFIDENTIALITY.** Customer acknowledges the highly secret and valuable nature of all proprietary inventions, methods, processes, designs, know-how, and trade secrets embodied in the Company's equipment, Products and Services and its components (hereinafter referred to as "Confidential Data"). Accordingly, Customer agrees not to disclose or use any Confidential Data. Customer further agrees to take any and all necessary precautions to prevent disclosure of the Confidential Data associated with the Company's equipment, Products and Services and components thereof to persons other than those employees of Customer for whom such disclosure is necessary for performance of the work hereunder.

24. **COMPLIANCE.** Customer expressly agrees to comply with and abide by, all of the laws of the United States and of the State of Texas, including, but not limited to, OSHA, EPA and all rules and regulations now existing or that may be hereafter promulgated under and in accordance with any such law or laws, and hereby agrees to indemnify and hold Company harmless from any and all claims, demands, or damages incurred by Company arising from Customer's failure to comply with all laws and governmental regulations. The indemnities in this paragraph shall be in addition to any other indemnity obligations between Customer and Company, including any other indemnity obligations contained herein.



INFORMATION CONTAINED HEREIN IS THE PROPERTY OF CACTUS WELLHEAD, LLC. REPRODUCTION, DISCLOSURE, OR USE THEREOF IS PERMISSIBLE ONLY AS PROVIDED BY CONTRACT OR AS EXPRESSLY AUTHORIZED BY CACTUS WELLHEAD, LLC.

ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

CIMAREX
HOBBS, NM

20" x 13-3/8" x 9-5/8" x 5-1/2" MBU-3T-CFL Wellhead Sys.
With 13-5/8" 10M x 7-1/16" 10M CTH-DBLHPS Tubing Head
And 9-5/8" & 5-1/2" Fluted Mandrel Casing Hangers

DRAWN	VJK	01MAY24
APPRV		
DRAWING NO.	HBE0001215	

Standard New Mexico Variances

Variance Request #1: Skid Rig after Cementing Surface Casing

Coterra requests permission to skid the rig to the next well on the pad in order to begin operations immediately after the cement job for the surface casing has been completed. After the cement job is completed, no operations on the subject well will be conducted until at least 8 hours have elapsed, and both lead and tail slurries have achieved 500 psi compressive strength. While cement cures, the surface casing of the subject well will be suspended in the well by a mandrel and landing ring system, which is independent from the rig and ensures that casing remains centered while the rig is active on other wells. Before skidding the rig, a TA cap is installed on the subject well.

Variance Request #2: Offline Cement Intermediate Casing

Coterra requests approval to execute an offline cement job on the Intermediate casing string. The procedure will include the following:

- Land casing in the wellhead with a solid-body casing hanger
- Install backpressure valve
- Skid rig to next well in drilling sequence
- Check for pressure and remove backpressure valve
- Install cement head and risers from casing valves
- Circulate down casing taking returns through appropriately designed flowback equipment
- Pump lead & tail cement
- Displace cement and land plug
- Verify floats are holding
- Rig down cement crew
- Install backpressure valve and TA cap

Variance Request #4: Utilize Co-Flex Choke Line

Coterra requests approval to utilize a co-flex choke line between the BOP and choke manifold. Certification for the proposed co-flex choke line is attached. The choke line is not required by the manufacturer to be anchored. In the event the specific co-flex choke line is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

Variance Request #5: 10M BOPE & 5M Annular

Coterra requests permission to utilize a 5M annular BOP with a 10M BOP primary system. The 10M BOP system will include upper pipe rams, blind rams, and lower pipe rams, all tested to 10K, 100% of the rated working pressure. The annular element will be tested to 5K, 100% of the

rated working pressure. As noted in the well control plan, if pressure approaches the rated working pressure of the 5K annular element while in use, the upper pipe rams will be closed, and the annular opened so as to not exceed the rated working pressures.

Variance Request #6: Break Testing BOPE

In compliance with API Standard 53, Coterra requests a variance to complete a BOP *break test* following any rig walking operation during the batch drilling sequence of multi-well pads. For this variance, the following stipulations will be met:

1. The first well in the batch drilling sequence for each hole section will be drilled to a depth sufficient to identify any depth-dependent drilling hazards prior to conducting break tests in subsequent wells.
2. On the first well in the drilling sequence, a full BOP test will be completed.
 - a. For the full BOP test, the Annular Preventer will be tested to 100% of its rated working pressure.
3. For each break test, the upper pipe rams will serve as the top barrier, and the BOP test plug will serve as the bottom barrier against which the BOP connection will be tested.
4. Each break test will include a choke manifold shell test, conducted as a single test against the adjustable choke to 100% of the BOP system's maximum working pressure.
5. *Break tests* will only be conducted for drilling intervals terminating above the Wolfcamp formation.
6. For any drilling sequence utilizing consecutive *break tests*, no more than 21 days will elapse between full BOP tests.

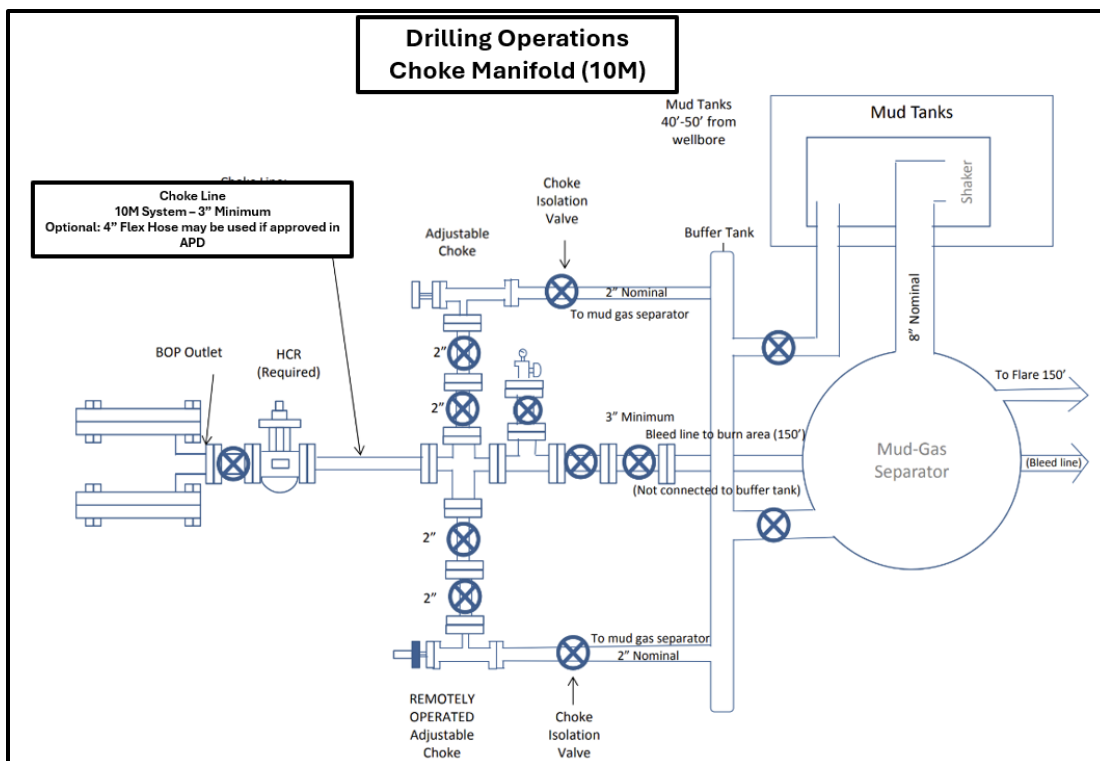


Figure 1: 10M Drilling Choke Manifold

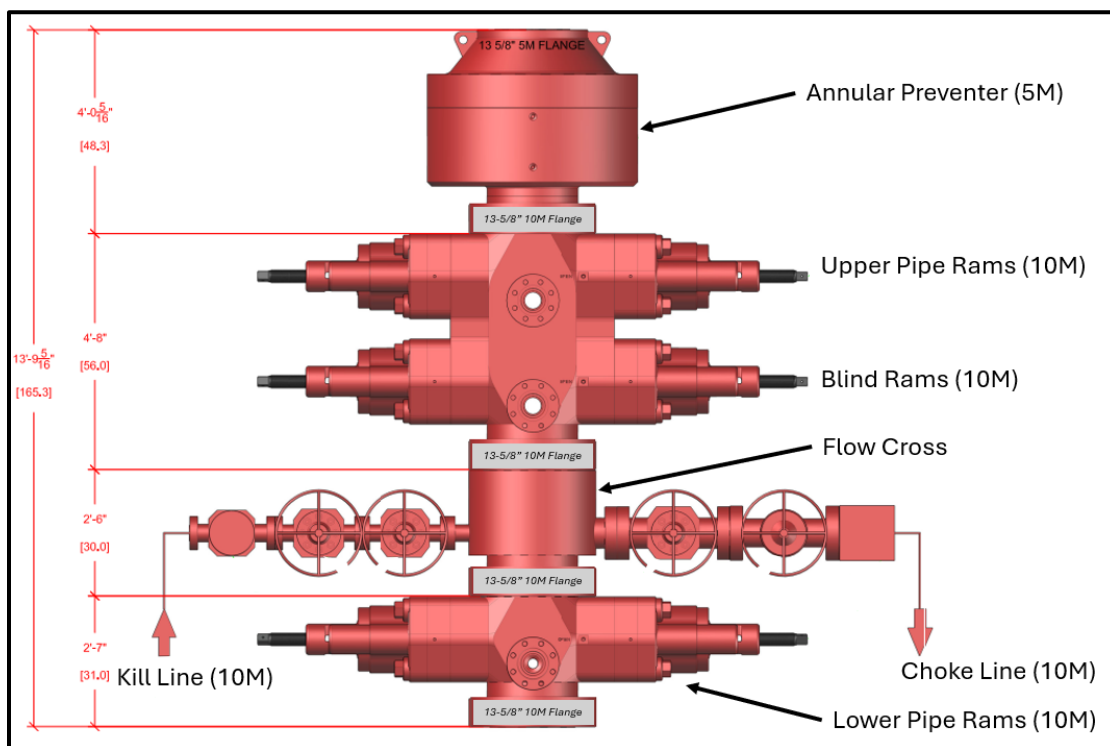


Figure 2: Drilling BOP Configuration

Variance Request #7: Offline Cement Production Casing

Coterra requests approval to execute an offline cement job on the production casing string. The procedure will include the following:

- Land casing in the wellhead with a solid-body casing hanger
- Install backpressure valve
- Skid rig to next well in drilling sequence
- Check for pressure and remove backpressure valve
- Install cement head and risers from casing valves
- Circulate down casing taking returns through appropriately designed flowback equipment
- Pump cement volumes
- Displace cement and land plug
- Verify floats are holding
- Rig down cement crew
- Install backpressure valve and TA cap

Variance Request #8: Offline Testing BOPE

Coterra requests approval to test the BOPE prior to the first installation of BOPE on a wellhead system. In this case, the following procedure will be followed:

- While batch drilling the surface sections of the wells on pad, each BOP element will undergo a full test to 100% working pressure, as defined in the Well Control Plan.
- The BOPE will be tested utilizing a blank 13-5/8" 10M flanged connection below the lower pipe rams
- Once equipment is installed on the first well, the full BOP test will be completed by inserting the test plug in the wellhead and testing the break and any BOP equipment that was not tested prior to installation.

Coterra: Well Control Plan



Well Control Plan

Warning Signs of a Kick

If a kick is ever suspected, perform flow check.

While Drilling:

1. Drilling break or increase in penetration rate
2. Increase of flow
3. Pit gain
4. Flow without pumping
5. Circulating pressure decrease and/or spm increase
6. Increase in gas cutting at the shakers
7. Decrease in cuttings at shakers

While Tripping:

1. Hole not taking the proper fill on trip out of hole
2. Hole returns too much mud on trip in hole
3. Flow without pumping

While Out of the Hole:

1. Flow
2. Pit gain

Well Control Procedures with Diverter

A TIW valve in the open position must be on the rig floor at all times.

If rotating head is installed:

1. Perform flow check.
2. If well is flowing, divert flow down flow line and through separator, before returning across shakers.
3. Swap to 10 ppg brine and circulate around. Notify superintendent.

Coterra: Well Control Plan

4. If well becomes uncontrollable, close annular, which will open HCR to divert flow away from rig.

If rotating head is not installed:

1. Perform flow check.
2. If well is flowing uncontrollably, close annular, which will open HCR to divert flow away from rig.
3. Swap to 10 ppg brine and circulate around. Notify superintendent.
4. After 10 ppg is circulated around shut pumps off and perform flow check.

Well Control Procedures

Coterra follows a hard shut-in procedure. Choke will be in the closed position.

General Well Control

1. If in doubt, secure the well first, then inform your supervisor.
2. Never wait for approval to shut in the well.
3. Verify that the mud pump is off before you close the BOP.
4. Always check and verify the well is properly secured after shut in.
5. Always install TIW valve in the open position.
6. If TIW valve is installed and then closed, apply estimated DP shut-in pressure above valve before opening.
7. The weak link in the mud system and mud lines is the pressure relief valve or pop off valve on the mud pump.
8. Keep the TIW valve wrench in a designated location on the rig floor and in the open position.
9. Use a drill string float above the bit. Don't perforate or disable the float.
10. In the event wellbore pressure encroaches to the maximum rated pressure of the annular, primary pressure control will be switched to the higher rated components (i.e., switch from annular to pipe rams) – upper pipe rams will be closed, and the annular opened in order to not exceed maximum rated pressures.

Hard Shut-In

1. Remote choke is closed.
2. Stop pumping and space out.
3. Check for flow.
4. To shut in, close annular or pipe ram if no annular is present.
5. Open the HCR valve.
6. Check systems, bump float. Record Initial Shut in Drill pipe pressure and Initial shut in casing pressure.

Coterra: Well Control Plan

Flow Check when on Bottom

1. Alert crew & stop rotating
2. Pick up and space out
3. Shut down pumps
4. Observe well for flow
5. Shut-in if flowing

Shutting in while Drilling

1. After flow has been detected via flow check, kill pumps, shut in well and open HCR
2. Verify well is shut-in and flow has stopped
3. Notify supervisory personnel
4. Record data
5. Begin go forward planning

Flow Check while Tripping

1. Alert crew & pick up / space out
2. Stop pipe movement. Set slips with tool joint accessible at rotary table
3. Install open TIW safety valve and close valve
4. Observe well for flow
5. Shut-in if flowing

Shutting in while Tripping

1. Install open TIW safety valve and close valve
2. Shut-in the well
3. Verify well is shut-in and flow has stopped
4. Install IBOP
5. Notify supervisory personnel
6. Record data; SICP, shut-in time, kick depth, and pit gain
7. Begin go forward planning

Shutting in while Out of Hole

1. Sound alarm
2. Shut-in well: close blind rams.
3. Verify well is shut-in and monitor pressures.
4. Notify supervisory personnel
5. Record data; SICP, shut-in time, kick depth, and pit gain
6. Begin go forward planning

Information to Record while Shut-In

1. Shut in drill pipe pressure every 5 minutes

Coterra: Well Control Plan

2. Shut in casing pressure every 5 minutes
3. Pit gain
4. Total volume in pit system
5. Mud weight in suction pit
6. Current depth
7. Total depth
8. Time the well is shut in

H2S with Annular Diverter:

1. Kill Pumps, close annular, which will open HCR, to divert flow away from rig.
2. Muster and take head count.
3. Call ASSI to check location for H2S. Call Coterra superintendent.
4. After ASSI has checked for H2S the path forward will be decided from Coterra superintendent.

H2S with BOP's:

1. Kill pumps
2. Shut in annular with HCR open and chokes closed.
3. Muster and take head count.
4. Call ASSI to check location for H2S. Call Coterra superintendent.
5. After ASSI has checked for H2S. discuss path forward with Coterra superintendent

Procedure for Closing Blind Rams

- Open HCR valve (visually check that the HCR valve is open – stem in the valve is open, stem out the valve is closed).
- Verify all circulating pumps are off (mud pumps, trip tank pump, etc.)
- Ensure that the hydraulic choke is in the closed position.
- Close the blind rams and place the “blind rams closed, bleed pressure and remove hole cover before opening” sign on the console.
- Monitor the shut in casing pressure gauge periodically while the blinds are closed to ensure that wellbore pressure isn't building. If pressure build up is observed, monitor the shut in casing pressure more frequently & document. Notify rig management and Coterra representative of the pressure build up.
- Ensure that the inner bushings are locked into the master bushings if applicable.
- Install hole cover.

Procedure for Opening Blind Rams

- Make sure choke manifold is aligned correctly.
- Open the hydraulic choke to bleed any trapped pressure that may be under the blind rams. (Even if the casing pressure gauge is reading zero).

Coterra: Well Control Plan

- Confirm that no flow is discharging into the trip tank or possum bellies of the shale shaker (wherever the separator is discharging into).
- Remove hole cover.
- Confirm that the inner bushing are locked into the master bushings if applicable.
- Clear all personnel from the rig floor.
- Remove sign and open blind rams.
- Return the BOPE to its original operating alignment.

BOP Drills

- Drilling crews should conduct BOP drills weekly from BOP nipple up to TD for reaction time to properly simulate securing the well. Record BOP drills on that day's report.
- Standard precautions such as checking the accumulator for proper working pressure, function testing rams, and recording slow pump rates are performed on a daily basis or on trips..
- All supervisory personnel onsite need to be properly trained and currently hold certification from an approved blowout prevention school. Any deviation from this needs to be discussed prior to spud.
- Drillers should always notify the tool pusher and the drilling foreman before performing a blowout drill.

Choke Manifold Freeze Prevention

- When possible, blow out the choke & kill lines as well as the choke manifold with rig air to remove water based fluids.
- When clear water is being placed into the choke & kill line as well as the choke manifold, make sure that the water has a mixture of 30% methanol added.
- When applicable, choke & kill lines as well as choke manifold needs to be pumped through with the rig pump by the driller to ensure that the lines aren't plugged with settling barite or solids.

Coterra Energy
 Site: Yeti-Chile pad
 Well: Yeti State Com 223H
 Wellbore: OH
 Design: Plan #1
 Rig: Cactus 148



SHL

320' FNL, 1306' FEL
 RKB Elevation: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)

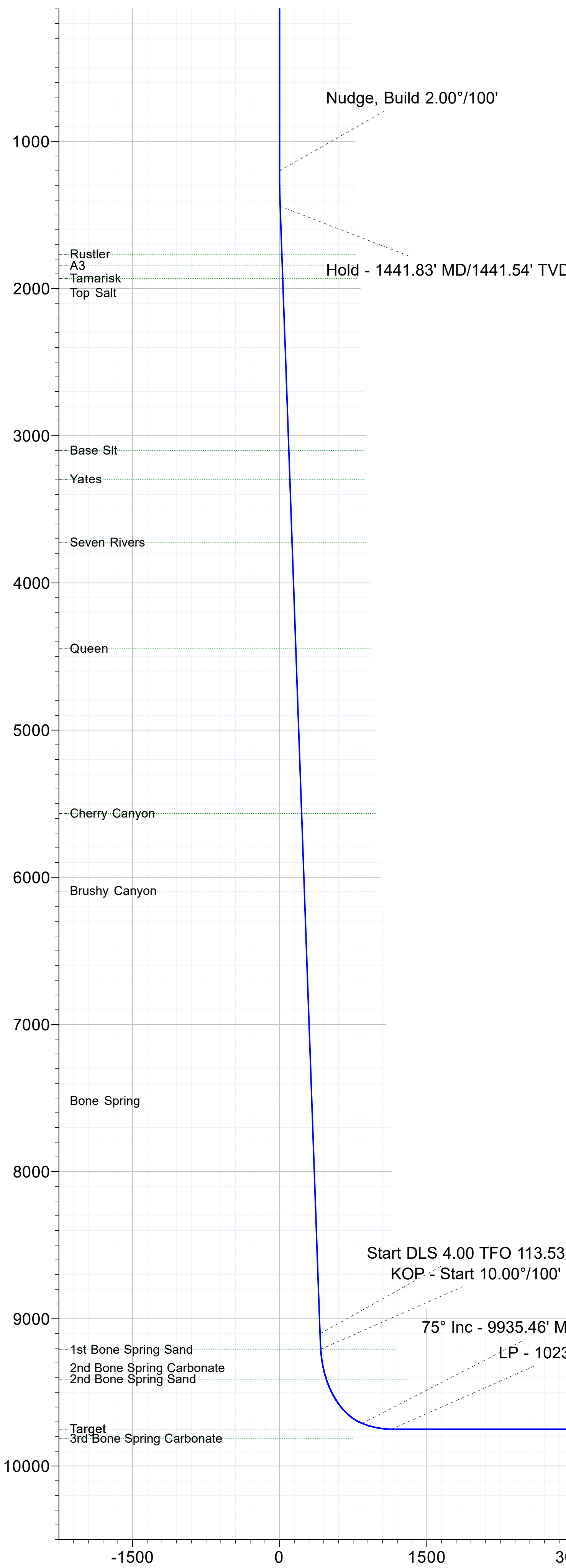
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
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SECTION DETAILS

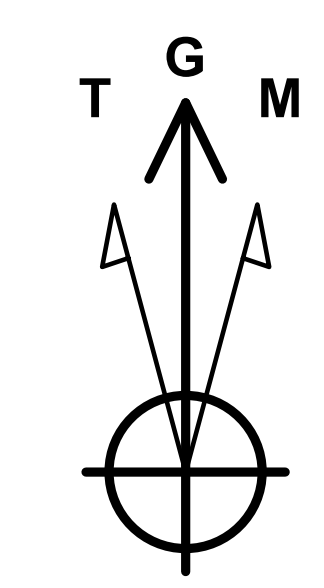
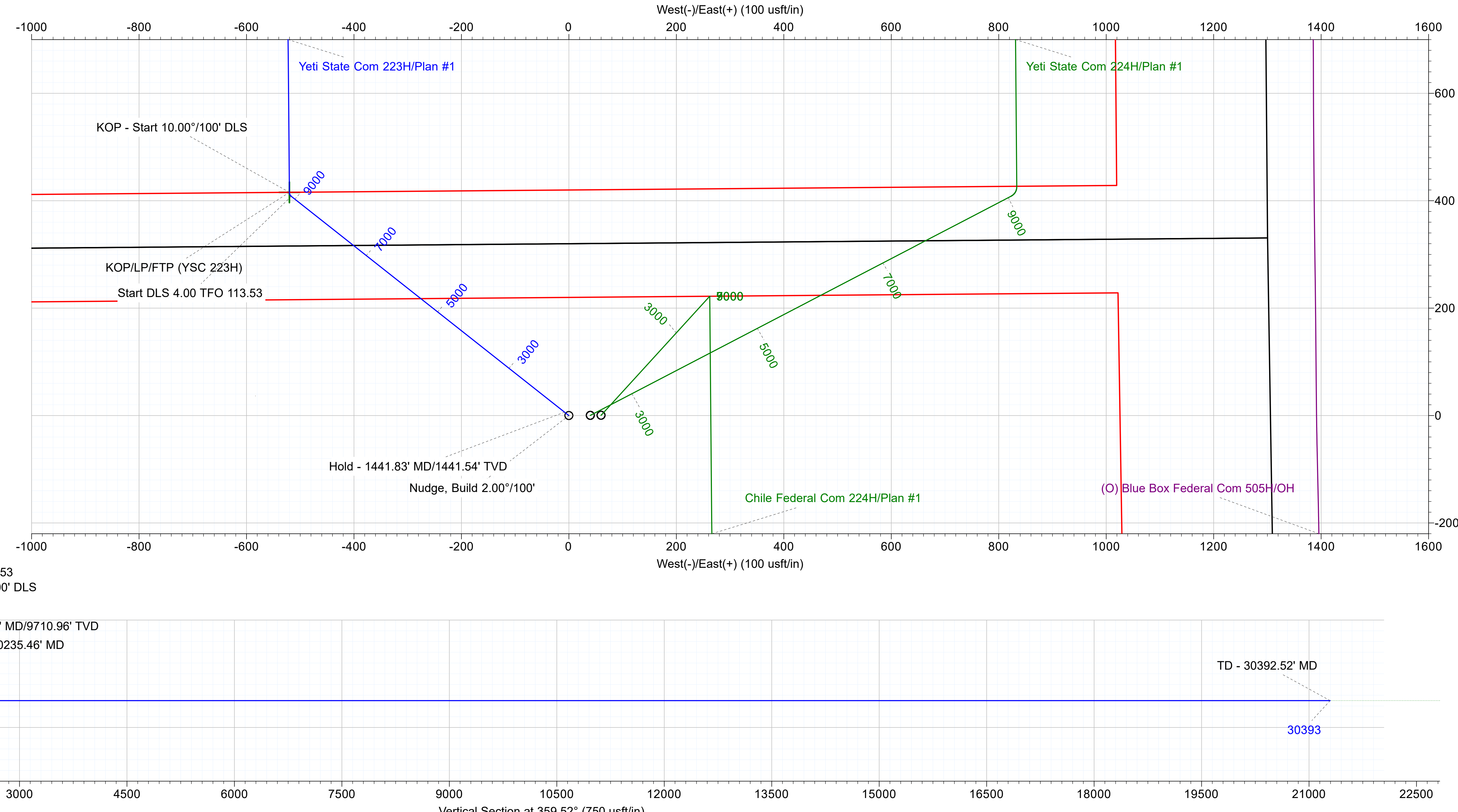
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	Nudge, Build 2.00°/100'
1441.83	4.84	308.32	1441.55	6.33	-8.00	2.00	308.32	6.39	Hold - 1441.83' MD/1441.54' TVD
9129.25	4.84	308.32	9101.59	408.23	-516.53	0.00	0.00	412.54	Start DLS 4.00 TFO 113.53
9235.46	5.00	359.52	9207.46	415.64	-520.08	4.00	113.53	419.98	KOP - Start 10.00°/100' DLS
9935.46	75.00	359.52	9710.96	838.11	-523.65	10.00	0.00	842.47	75° Inc - 9935.46' MD/9710.96' TVD
10235.46	90.00	359.52	9750.00	1134.68	-526.16	5.00	0.00	1139.05	LP - 10235.46' MD
30392.52	90.00	359.52	9750.00	21291.02	-696.66	0.00	0.00	21296.11	TD - 30392.52' MD

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
KOP/LP/FTP (YSC 223H)	9750.00	415.64	-520.08	607991.46	820774.11	32.6681283	-103.4252596
LTP/PBHL - 100' FNL, 1820' FEL (YSC 223H)	9750.00	21291.02	-696.66	628866.84	820597.53	32.7255054	-103.4252525



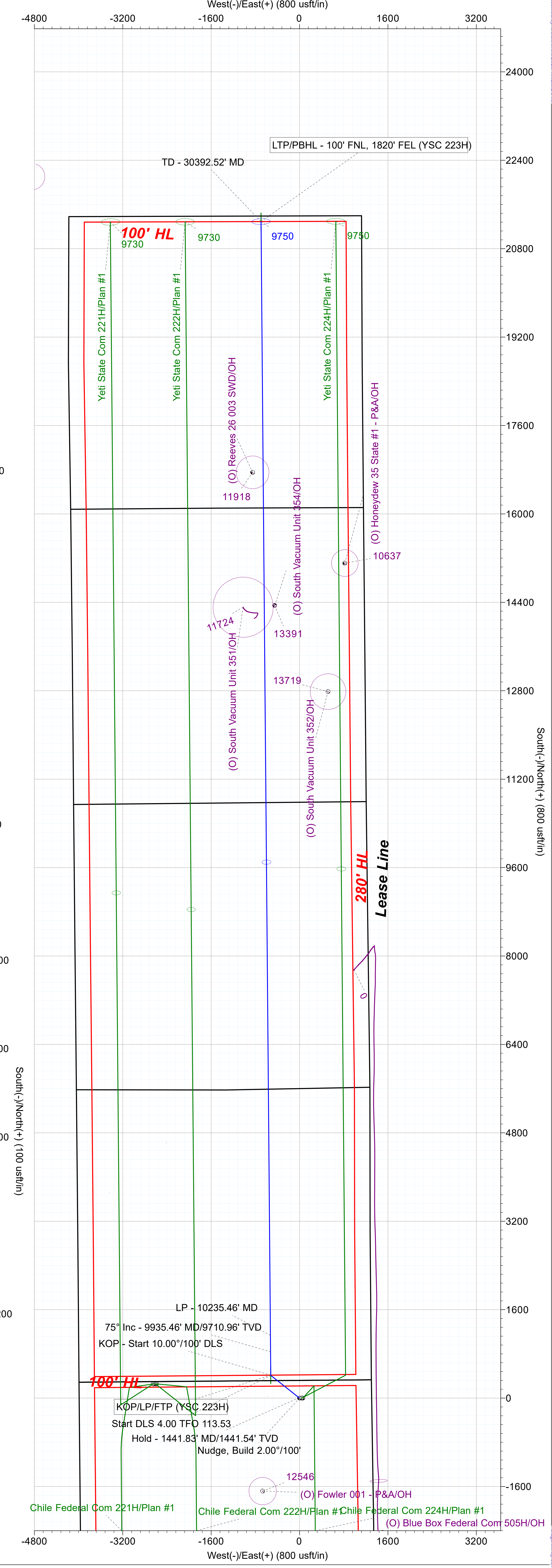
TVDPATH	FORMATION
1768.00	Rustler
1845.00	A3
1932.00	Tamarisk
2031.00	Top Salt
3100.00	Base Sit
3297.00	Yates
3727.00	Seven Rivers
4448.00	Queen
5567.00	Cherry Canyon
6094.00	Brushy Canyon
7520.00	Bone Spring
9210.00	1st Bone Spring Sand
9335.00	2nd Bone Spring Carbonate
9411.00	2nd Bone Spring Sand
9750.00	Target



Azimuths to Grid North
 True North: -0.49°
 Magnetic North: 5.51°
 Magnetic Field
 Strength: 47275.9nT
 Dip Angle: 60.38°
 Date: 3/3/2026
 Model: HDGM2026

To convert a Magnetic Direction to a Grid Direction, Add 5.51°

PROJECT DETAILS: Lea County, NM (NAD 83)
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone



Coterra Energy

Lea County, NM (NAD 83)

Yeti-Chile pad

Yeti State Com 223H

320' FNL, 1306' FEL

OH

Plan: Plan #1



Standard Plan Report

05 March, 2026

Total Report Version 1.80

COMPASS 5000.16 Build 97

ATTENTION

All annotation callouts related to distances are uncertified and are approximated footages using available software and measurement tools. They should not be mistaken as an official record, which can only be obtained via a certified land surveyor.

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Project Lea County, NM (NAD 83)	System Datum: Mean Sea Level
Map System: US State Plane 1983	
Geo Datum: North American Datum 1983	
Map Zone: New Mexico Eastern Zone	

Site Yeti-Chile pad	
Site Position:	Northing: 607,575.82 usft Latitude: 32.6669738
From: Map	Easting: 821,294.19 usft Longitude: -103.4235812
Position Uncertainty: 0.00 usft	Slot Radius: 13-3/16 "

Well Yeti State Com 223H	
Well Position	+N/-S 0.00 usft Northing: 607,575.82 usft Latitude: 32.6669738
	+E/-W 0.00 usft Easting: 821,294.19 usft Longitude: -103.4235812
Position Uncertainty 0.00 usft	Wellhead Elevation: usft Ground Level: 3,761.10 usft
Grid Convergence: 0.49 °	

Wellbore OH	
Magnetics	Model Name HDGM2026 Sample Date 3/3/2026 Declination (°) 6.00 Dip Angle (°) 60.38 Field Strength (nT) 47,275.90000000

Design Plan #1	
Audit Notes:	
Version:	Phase: PLAN Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft) 0.00 +N/-S (usft) 0.00 +E/-W (usft) 0.00 Direction (°) 359.52

Survey Tool Program Date 3/5/2026				
From (usft) 0.00	To (usft) 30,392.52	Survey (Wellbore) Plan #1 (OH)	Tool Name MWD+IFR1+MS	Description OWSG MWD + IFR1 + Multi-Station Correction

Plan Summary										
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,441.83	4.84	308.32	1,441.55	6.33	-8.00	2.00	2.00	0.00	308.32	
9,129.25	4.84	308.32	9,101.59	408.23	-516.53	0.00	0.00	0.00	0.00	
9,235.46	5.00	359.52	9,207.46	415.64	-520.08	4.00	0.15	48.20	113.53	
9,935.46	75.00	359.52	9,710.96	838.11	-523.65	10.00	10.00	0.00	0.00	
10,235.46	90.00	359.52	9,750.00	1,134.68	-526.16	5.00	5.00	0.00	0.00	
30,392.52	90.00	359.52	9,750.00	21,291.02	-696.66	0.00	0.00	0.00	0.00	LTP/PBHL - 100' FN

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey													
Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00	0.00	0.00
Nudge, Build 2.00°/100'													
1,300.00	2.00	308.32	1,299.98	1.08	-1.37	607,576.90	821,292.82	32.6669768	-103.4235857	1.09	2.00	2.00	0.00
1,400.00	4.00	308.32	1,399.84	4.33	-5.47	607,580.15	821,288.72	32.6669858	-103.4235989	4.37	2.00	2.00	0.00
1,441.83	4.84	308.32	1,441.55	6.33	-8.00	607,582.15	821,286.19	32.6669913	-103.4236071	6.39	2.00	2.00	0.00
Hold - 1441.83' MD/1441.54' TVD													
1,500.00	4.84	308.32	1,499.51	9.37	-11.85	607,585.19	821,282.34	32.6669998	-103.4236195	9.47	0.00	0.00	0.00
1,600.00	4.84	308.32	1,599.15	14.59	-18.47	607,590.41	821,275.72	32.6670143	-103.4236408	14.75	0.00	0.00	0.00
1,700.00	4.84	308.32	1,698.79	19.82	-25.08	607,595.64	821,269.11	32.6670288	-103.4236622	20.03	0.00	0.00	0.00
1,769.45	4.84	308.32	1,768.00	23.45	-29.68	607,599.27	821,264.51	32.6670389	-103.4236770	23.70	0.00	0.00	0.00
Rustler													
1,800.00	4.84	308.32	1,798.44	25.05	-31.70	607,600.87	821,262.49	32.6670434	-103.4236835	25.32	0.00	0.00	0.00
1,846.73	4.84	308.32	1,845.00	27.49	-34.79	607,603.31	821,259.40	32.6670501	-103.4236935	27.78	0.00	0.00	0.00
A3													
1,900.00	4.84	308.32	1,898.08	30.28	-38.31	607,606.10	821,255.88	32.6670579	-103.4237049	30.60	0.00	0.00	0.00
1,934.04	4.84	308.32	1,932.00	32.06	-40.56	607,607.88	821,253.63	32.6670628	-103.4237121	32.40	0.00	0.00	0.00
Tamarisk													
2,000.00	4.84	308.32	1,997.73	35.51	-44.93	607,611.33	821,249.26	32.6670724	-103.4237262	35.88	0.00	0.00	0.00
2,033.39	4.84	308.32	2,031.00	37.25	-47.14	607,613.07	821,247.05	32.6670773	-103.4237333	37.65	0.00	0.00	0.00
Top Salt													
2,100.00	4.84	308.32	2,097.37	40.74	-51.54	607,616.56	821,242.65	32.6670869	-103.4237476	41.17	0.00	0.00	0.00
2,200.00	4.84	308.32	2,197.01	45.96	-58.16	607,621.78	821,236.03	32.6671015	-103.4237689	46.45	0.00	0.00	0.00
2,300.00	4.84	308.32	2,296.66	51.19	-64.77	607,627.01	821,229.42	32.6671160	-103.4237903	51.73	0.00	0.00	0.00
2,400.00	4.84	308.32	2,396.30	56.42	-71.39	607,632.24	821,222.80	32.6671305	-103.4238116	57.02	0.00	0.00	0.00
2,500.00	4.84	308.32	2,495.94	61.65	-78.00	607,637.47	821,216.19	32.6671450	-103.4238330	62.30	0.00	0.00	0.00
2,600.00	4.84	308.32	2,595.59	66.88	-84.62	607,642.70	821,209.57	32.6671596	-103.4238543	67.58	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,700.00	4.84	308.32	2,695.23	72.10	-91.23	607,647.92	821,202.96	32.6671741	-103.4238757	72.87	0.00	0.00	0.00
2,800.00	4.84	308.32	2,794.88	77.33	-97.85	607,653.15	821,196.34	32.6671886	-103.4238970	78.15	0.00	0.00	0.00
2,900.00	4.84	308.32	2,894.52	82.56	-104.46	607,658.38	821,189.73	32.6672031	-103.4239184	83.43	0.00	0.00	0.00
3,000.00	4.84	308.32	2,994.16	87.79	-111.08	607,663.61	821,183.11	32.6672177	-103.4239397	88.72	0.00	0.00	0.00
3,100.00	4.84	308.32	3,093.81	93.02	-117.69	607,668.84	821,176.50	32.6672322	-103.4239611	94.00	0.00	0.00	0.00
3,106.21	4.84	308.32	3,100.00	93.34	-118.10	607,669.16	821,176.09	32.6672331	-103.4239624	94.33	0.00	0.00	0.00
Base Sit													
3,200.00	4.84	308.32	3,193.45	98.24	-124.31	607,674.06	821,169.88	32.6672467	-103.4239824	99.28	0.00	0.00	0.00
3,300.00	4.84	308.32	3,293.10	103.47	-130.92	607,679.29	821,163.27	32.6672612	-103.4240037	104.57	0.00	0.00	0.00
3,303.92	4.84	308.32	3,297.00	103.68	-131.18	607,679.50	821,163.01	32.6672618	-103.4240046	104.77	0.00	0.00	0.00
Yates													
3,400.00	4.84	308.32	3,392.74	108.70	-137.54	607,684.52	821,156.65	32.6672757	-103.4240251	109.85	0.00	0.00	0.00
3,500.00	4.84	308.32	3,492.38	113.93	-144.15	607,689.75	821,150.04	32.6672903	-103.4240464	115.13	0.00	0.00	0.00
3,600.00	4.84	308.32	3,592.03	119.16	-150.77	607,694.98	821,143.42	32.6673048	-103.4240678	120.42	0.00	0.00	0.00
3,700.00	4.84	308.32	3,691.67	124.38	-157.38	607,700.20	821,136.81	32.6673193	-103.4240891	125.70	0.00	0.00	0.00
3,735.45	4.84	308.32	3,727.00	126.24	-159.73	607,702.06	821,134.46	32.6673245	-103.4240967	127.57	0.00	0.00	0.00
Seven Rivers													
3,800.00	4.84	308.32	3,791.32	129.61	-164.00	607,705.43	821,130.19	32.6673338	-103.4241105	130.98	0.00	0.00	0.00
3,900.00	4.84	308.32	3,890.96	134.84	-170.61	607,710.66	821,123.58	32.6673484	-103.4241318	136.27	0.00	0.00	0.00
4,000.00	4.84	308.32	3,990.60	140.07	-177.23	607,715.89	821,116.96	32.6673629	-103.4241532	141.55	0.00	0.00	0.00
4,100.00	4.84	308.32	4,090.25	145.30	-183.84	607,721.12	821,110.35	32.6673774	-103.4241745	146.83	0.00	0.00	0.00
4,200.00	4.84	308.32	4,189.89	150.53	-190.46	607,726.35	821,103.73	32.6673919	-103.4241959	152.12	0.00	0.00	0.00
4,300.00	4.84	308.32	4,289.54	155.75	-197.07	607,731.57	821,097.12	32.6674065	-103.4242172	157.40	0.00	0.00	0.00
4,400.00	4.84	308.32	4,389.18	160.98	-203.69	607,736.80	821,090.50	32.6674210	-103.4242386	162.68	0.00	0.00	0.00
4,459.03	4.84	308.32	4,448.00	164.07	-207.59	607,739.89	821,086.60	32.6674296	-103.4242512	165.80	0.00	0.00	0.00
Queen													
4,500.00	4.84	308.32	4,488.82	166.21	-210.30	607,742.03	821,083.89	32.6674355	-103.4242599	167.97	0.00	0.00	0.00
4,600.00	4.84	308.32	4,588.47	171.44	-216.92	607,747.26	821,077.27	32.6674500	-103.4242813	173.25	0.00	0.00	0.00
4,700.00	4.84	308.32	4,688.11	176.67	-223.53	607,752.49	821,070.66	32.6674646	-103.4243026	178.53	0.00	0.00	0.00
4,800.00	4.84	308.32	4,787.75	181.89	-230.15	607,757.71	821,064.04	32.6674791	-103.4243240	183.82	0.00	0.00	0.00
4,900.00	4.84	308.32	4,887.40	187.12	-236.76	607,762.94	821,057.43	32.6674936	-103.4243453	189.10	0.00	0.00	0.00
5,000.00	4.84	308.32	4,987.04	192.35	-243.38	607,768.17	821,050.81	32.6675081	-103.4243667	194.38	0.00	0.00	0.00
5,100.00	4.84	308.32	5,086.69	197.58	-249.99	607,773.40	821,044.20	32.6675227	-103.4243880	199.67	0.00	0.00	0.00
5,200.00	4.84	308.32	5,186.33	202.81	-256.61	607,778.63	821,037.58	32.6675372	-103.4244094	204.95	0.00	0.00	0.00
5,300.00	4.84	308.32	5,285.97	208.03	-263.22	607,783.85	821,030.97	32.6675517	-103.4244307	210.23	0.00	0.00	0.00
5,400.00	4.84	308.32	5,385.62	213.26	-269.84	607,789.08	821,024.35	32.6675662	-103.4244521	215.52	0.00	0.00	0.00
5,500.00	4.84	308.32	5,485.26	218.49	-276.45	607,794.31	821,017.74	32.6675808	-103.4244734	220.80	0.00	0.00	0.00
5,582.03	4.84	308.32	5,567.00	222.78	-281.88	607,798.60	821,012.31	32.6675927	-103.4244909	225.13	0.00	0.00	0.00

Total Directional Planned Survey Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well:	Yeti State Com 223H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	.Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Cherry Canyon													
5,600.00	4.84	308.32	5,584.91	223.72	-283.07	607,799.54	821,011.12	32.6675953	-103.4244948	226.08	0.00	0.00	0.00
5,700.00	4.84	308.32	5,684.55	228.95	-289.68	607,804.77	821,004.51	32.6676098	-103.4245161	231.37	0.00	0.00	0.00
5,800.00	4.84	308.32	5,784.19	234.17	-296.30	607,809.99	820,997.89	32.6676243	-103.4245375	236.65	0.00	0.00	0.00
5,900.00	4.84	308.32	5,883.84	239.40	-302.91	607,815.22	820,991.28	32.6676389	-103.4245588	241.93	0.00	0.00	0.00
6,000.00	4.84	308.32	5,983.48	244.63	-309.53	607,820.45	820,984.66	32.6676534	-103.4245802	247.22	0.00	0.00	0.00
6,100.00	4.84	308.32	6,083.13	249.86	-316.14	607,825.68	820,978.05	32.6676679	-103.4246015	252.50	0.00	0.00	0.00
6,110.91	4.84	308.32	6,094.00	250.43	-316.86	607,826.25	820,977.33	32.6676695	-103.4246038	253.08	0.00	0.00	0.00
Brushy Canyon													
6,200.00	4.84	308.32	6,182.77	255.09	-322.76	607,830.91	820,971.43	32.6676824	-103.4246229	257.78	0.00	0.00	0.00
6,300.00	4.84	308.32	6,282.41	260.32	-329.37	607,836.14	820,964.82	32.6676970	-103.4246442	263.07	0.00	0.00	0.00
6,400.00	4.84	308.32	6,382.06	265.54	-335.99	607,841.36	820,958.20	32.6677115	-103.4246656	268.35	0.00	0.00	0.00
6,500.00	4.84	308.32	6,481.70	270.77	-342.60	607,846.59	820,951.59	32.6677260	-103.4246869	273.63	0.00	0.00	0.00
6,600.00	4.84	308.32	6,581.35	276.00	-349.22	607,851.82	820,944.97	32.6677405	-103.4247083	278.92	0.00	0.00	0.00
6,700.00	4.84	308.32	6,680.99	281.23	-355.83	607,857.05	820,938.36	32.6677551	-103.4247296	284.20	0.00	0.00	0.00
6,800.00	4.84	308.32	6,780.63	286.46	-362.45	607,862.28	820,931.74	32.6677696	-103.4247509	289.48	0.00	0.00	0.00
6,900.00	4.84	308.32	6,880.28	291.68	-369.06	607,867.50	820,925.13	32.6677841	-103.4247723	294.77	0.00	0.00	0.00
7,000.00	4.84	308.32	6,979.92	296.91	-375.68	607,872.73	820,918.51	32.6677986	-103.4247936	300.05	0.00	0.00	0.00
7,100.00	4.84	308.32	7,079.56	302.14	-382.29	607,877.96	820,911.90	32.6678132	-103.4248150	305.33	0.00	0.00	0.00
7,200.00	4.84	308.32	7,179.21	307.37	-388.91	607,883.19	820,905.28	32.6678277	-103.4248363	310.62	0.00	0.00	0.00
7,300.00	4.84	308.32	7,278.85	312.60	-395.52	607,888.42	820,898.67	32.6678422	-103.4248577	315.90	0.00	0.00	0.00
7,400.00	4.84	308.32	7,378.50	317.82	-402.14	607,893.64	820,892.05	32.6678567	-103.4248790	321.18	0.00	0.00	0.00
7,500.00	4.84	308.32	7,478.14	323.05	-408.75	607,898.87	820,885.44	32.6678712	-103.4249004	326.47	0.00	0.00	0.00
7,542.01	4.84	308.32	7,520.00	325.25	-411.53	607,901.07	820,882.66	32.6678774	-103.4249094	328.69	0.00	0.00	0.00
Bone Spring													
7,600.00	4.84	308.32	7,577.78	328.28	-415.37	607,904.10	820,878.82	32.6678858	-103.4249217	331.75	0.00	0.00	0.00
7,700.00	4.84	308.32	7,677.43	333.51	-421.98	607,909.33	820,872.21	32.6679003	-103.4249431	337.03	0.00	0.00	0.00
7,800.00	4.84	308.32	7,777.07	338.74	-428.60	607,914.56	820,865.59	32.6679148	-103.4249644	342.32	0.00	0.00	0.00
7,900.00	4.84	308.32	7,876.72	343.97	-435.21	607,919.79	820,858.98	32.6679293	-103.4249858	347.60	0.00	0.00	0.00
8,000.00	4.84	308.32	7,976.36	349.19	-441.83	607,925.01	820,852.36	32.6679439	-103.4250071	352.88	0.00	0.00	0.00
8,100.00	4.84	308.32	8,076.00	354.42	-448.44	607,930.24	820,845.75	32.6679584	-103.4250285	358.17	0.00	0.00	0.00
8,200.00	4.84	308.32	8,175.65	359.65	-455.06	607,935.47	820,839.13	32.6679729	-103.4250498	363.45	0.00	0.00	0.00
8,300.00	4.84	308.32	8,275.29	364.88	-461.67	607,940.70	820,832.52	32.6679874	-103.4250712	368.73	0.00	0.00	0.00
8,400.00	4.84	308.32	8,374.94	370.11	-468.29	607,945.93	820,825.90	32.6680020	-103.4250925	374.02	0.00	0.00	0.00
8,500.00	4.84	308.32	8,474.58	375.33	-474.90	607,951.15	820,819.29	32.6680165	-103.4251139	379.30	0.00	0.00	0.00
8,600.00	4.84	308.32	8,574.22	380.56	-481.52	607,956.38	820,812.67	32.6680310	-103.4251352	384.58	0.00	0.00	0.00
8,700.00	4.84	308.32	8,673.87	385.79	-488.13	607,961.61	820,806.06	32.6680455	-103.4251566	389.87	0.00	0.00	0.00
8,800.00	4.84	308.32	8,773.51	391.02	-494.75	607,966.84	820,799.44	32.6680601	-103.4251779	395.15	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,900.00	4.84	308.32	8,873.16	396.25	-501.36	607,972.07	820,792.83	32.6680746	-103.4251993	400.43	0.00	0.00	0.00
9,000.00	4.84	308.32	8,972.80	401.47	-507.98	607,977.29	820,786.21	32.6680891	-103.4252206	405.72	0.00	0.00	0.00
9,100.00	4.84	308.32	9,072.44	406.70	-514.59	607,982.52	820,779.60	32.6681036	-103.4252420	411.00	0.00	0.00	0.00
9,129.25	4.84	308.32	9,101.59	408.23	-516.53	607,984.05	820,777.66	32.6681079	-103.4252482	412.54	0.00	0.00	0.00
Start DLS 4.00 TFO 113.53													
9,200.00	4.52	343.35	9,172.12	412.75	-519.67	607,988.57	820,774.52	32.6681204	-103.4252583	417.09	4.00	-0.44	49.52
9,235.46	5.00	359.52	9,207.46	415.64	-520.08	607,991.46	820,774.11	32.6681283	-103.4252596	419.98	4.00	1.35	45.59
KOP - Start 10.00°/100' DLS													
9,238.01	5.26	359.52	9,210.00	415.87	-520.08	607,991.69	820,774.11	32.6681290	-103.4252596	420.21	10.00	10.00	-0.01
1st Bone Spring Sand													
9,250.00	6.45	359.52	9,221.92	417.09	-520.09	607,992.91	820,774.10	32.6681323	-103.4252596	421.43	10.00	10.00	-0.01
9,300.00	11.45	359.52	9,271.30	424.87	-520.16	608,000.69	820,774.03	32.6681537	-103.4252596	429.21	10.00	10.00	0.00
9,350.00	16.45	359.52	9,319.81	436.92	-520.26	608,012.74	820,773.93	32.6681868	-103.4252595	441.27	10.00	10.00	0.00
9,365.91	18.04	359.52	9,335.00	441.64	-520.30	608,017.46	820,773.89	32.6681998	-103.4252595	445.98	10.00	10.00	0.00
2nd Bone Spring Carbonate													
9,400.00	21.45	359.52	9,367.08	453.16	-520.40	608,028.98	820,773.79	32.6682314	-103.4252595	457.50	10.00	10.00	0.00
9,448.04	26.26	359.52	9,411.00	472.58	-520.56	608,048.40	820,773.63	32.6682848	-103.4252595	476.92	10.00	10.00	0.00
2nd Bone Spring Sand													
9,450.00	26.45	359.52	9,412.76	473.45	-520.57	608,049.27	820,773.62	32.6682872	-103.4252595	477.79	10.00	10.00	0.00
9,500.00	31.45	359.52	9,456.50	497.65	-520.77	608,073.47	820,773.42	32.6683537	-103.4252595	501.99	10.00	10.00	0.00
9,550.00	36.45	359.52	9,497.96	525.56	-521.01	608,101.38	820,773.18	32.6684305	-103.4252595	529.91	10.00	10.00	0.00
9,600.00	41.45	359.52	9,536.83	556.99	-521.27	608,132.81	820,772.92	32.6685168	-103.4252595	561.33	10.00	10.00	0.00
9,650.00	46.45	359.52	9,572.81	591.68	-521.57	608,167.50	820,772.62	32.6686122	-103.4252595	596.03	10.00	10.00	0.00
KOP/LP/FTP (YSC 223H)													
9,700.00	51.45	359.52	9,605.64	629.37	-521.88	608,205.19	820,772.31	32.6687158	-103.4252595	633.72	10.00	10.00	0.00
9,750.00	56.45	359.52	9,635.05	669.79	-522.23	608,245.61	820,771.96	32.6688269	-103.4252595	674.14	10.00	10.00	0.00
9,800.00	61.45	359.52	9,660.83	712.61	-522.59	608,288.43	820,771.60	32.6689446	-103.4252595	716.96	10.00	10.00	0.00
9,850.00	66.45	359.52	9,682.78	757.51	-522.97	608,333.33	820,771.22	32.6690680	-103.4252594	761.87	10.00	10.00	0.00
9,900.00	71.45	359.52	9,700.73	804.16	-523.36	608,379.98	820,770.83	32.6691962	-103.4252594	808.52	10.00	10.00	0.00
9,935.46	75.00	359.52	9,710.96	838.11	-523.65	608,413.93	820,770.54	32.6692895	-103.4252594	842.47	10.00	10.00	0.00
75° Inc - 9935.46' MD/9710.96' TVD													
10,000.00	78.23	359.52	9,725.90	900.88	-524.18	608,476.70	820,770.01	32.6694621	-103.4252594	905.24	5.00	5.00	0.00
10,100.00	83.23	359.52	9,742.01	999.54	-525.01	608,575.36	820,769.18	32.6697332	-103.4252594	1,003.90	5.00	5.00	0.00
10,200.00	88.23	359.52	9,749.46	1,099.23	-525.86	608,675.05	820,768.33	32.6700072	-103.4252593	1,103.59	5.00	5.00	0.00
10,232.33	89.84	359.52	9,750.00	1,131.55	-526.13	608,707.37	820,768.06	32.6700960	-103.4252593	1,135.91	5.00	5.00	0.00
Target													
10,235.46	90.00	359.52	9,750.00	1,134.68	-526.16	608,710.50	820,768.03	32.6701047	-103.4252593	1,139.05	5.00	5.00	0.00
LP - 10235.46' MD													
10,300.00	90.00	359.52	9,750.00	1,199.22	-526.70	608,775.04	820,767.49	32.6702820	-103.4252593	1,203.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well:	Yeti State Com 223H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	.Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates (usft)		Map Coordinates (usft)		Geo Coordinates (°)		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
				+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
10,400.00	90.00	359.52	9,750.00	1,299.21	-527.55	608,875.03	820,766.64	32.6705569	-103.4252593	1,303.59	0.00	0.00	0.00
10,500.00	90.00	359.52	9,750.00	1,399.21	-528.39	608,975.03	820,765.80	32.6708317	-103.4252592	1,403.59	0.00	0.00	0.00
10,600.00	90.00	359.52	9,750.00	1,499.21	-529.24	609,075.03	820,764.95	32.6711066	-103.4252592	1,503.59	0.00	0.00	0.00
10,700.00	90.00	359.52	9,750.00	1,599.20	-530.09	609,175.02	820,764.10	32.6713814	-103.4252592	1,603.59	0.00	0.00	0.00
10,800.00	90.00	359.52	9,750.00	1,699.20	-530.93	609,275.02	820,763.26	32.6716563	-103.4252591	1,703.59	0.00	0.00	0.00
10,900.00	90.00	359.52	9,750.00	1,799.20	-531.78	609,375.02	820,762.41	32.6719311	-103.4252591	1,803.59	0.00	0.00	0.00
11,000.00	90.00	359.52	9,750.00	1,899.19	-532.62	609,475.01	820,761.57	32.6722060	-103.4252591	1,903.59	0.00	0.00	0.00
11,100.00	90.00	359.52	9,750.00	1,999.19	-533.47	609,575.01	820,760.72	32.6724808	-103.4252590	2,003.59	0.00	0.00	0.00
11,200.00	90.00	359.52	9,750.00	2,099.19	-534.32	609,675.01	820,759.87	32.6727557	-103.4252590	2,103.59	0.00	0.00	0.00
11,300.00	90.00	359.52	9,750.00	2,199.18	-535.16	609,775.00	820,759.03	32.6730305	-103.4252590	2,203.59	0.00	0.00	0.00
11,400.00	90.00	359.52	9,750.00	2,299.18	-536.01	609,875.00	820,758.18	32.6733054	-103.4252589	2,303.59	0.00	0.00	0.00
11,500.00	90.00	359.52	9,750.00	2,399.18	-536.85	609,974.99	820,757.34	32.6735802	-103.4252589	2,403.59	0.00	0.00	0.00
11,600.00	90.00	359.52	9,750.00	2,499.17	-537.70	610,074.99	820,756.49	32.6738551	-103.4252589	2,503.59	0.00	0.00	0.00
11,700.00	90.00	359.52	9,750.00	2,599.17	-538.55	610,174.99	820,755.64	32.6741299	-103.4252588	2,603.59	0.00	0.00	0.00
11,800.00	90.00	359.52	9,750.00	2,699.16	-539.39	610,274.98	820,754.80	32.6744047	-103.4252588	2,703.59	0.00	0.00	0.00
11,900.00	90.00	359.52	9,750.00	2,799.16	-540.24	610,374.98	820,753.95	32.6746796	-103.4252588	2,803.59	0.00	0.00	0.00
12,000.00	90.00	359.52	9,750.00	2,899.16	-541.08	610,474.98	820,753.11	32.6749544	-103.4252588	2,903.59	0.00	0.00	0.00
12,100.00	90.00	359.52	9,750.00	2,999.15	-541.93	610,574.97	820,752.26	32.6752293	-103.4252587	3,003.59	0.00	0.00	0.00
12,200.00	90.00	359.52	9,750.00	3,099.15	-542.77	610,674.97	820,751.42	32.6755041	-103.4252587	3,103.59	0.00	0.00	0.00
12,300.00	90.00	359.52	9,750.00	3,199.15	-543.62	610,774.97	820,750.57	32.6757790	-103.4252587	3,203.59	0.00	0.00	0.00
12,400.00	90.00	359.52	9,750.00	3,299.14	-544.47	610,874.96	820,749.72	32.6760538	-103.4252586	3,303.59	0.00	0.00	0.00
12,500.00	90.00	359.52	9,750.00	3,399.14	-545.31	610,974.96	820,748.88	32.6763287	-103.4252586	3,403.59	0.00	0.00	0.00
12,600.00	90.00	359.52	9,750.00	3,499.14	-546.16	611,074.96	820,748.03	32.6766035	-103.4252586	3,503.59	0.00	0.00	0.00
12,700.00	90.00	359.52	9,750.00	3,599.13	-547.00	611,174.95	820,747.19	32.6768784	-103.4252585	3,603.59	0.00	0.00	0.00
12,800.00	90.00	359.52	9,750.00	3,699.13	-547.85	611,274.95	820,746.34	32.6771532	-103.4252585	3,703.59	0.00	0.00	0.00
12,900.00	90.00	359.52	9,750.00	3,799.12	-548.70	611,374.94	820,745.49	32.6774281	-103.4252585	3,803.59	0.00	0.00	0.00
13,000.00	90.00	359.52	9,750.00	3,899.12	-549.54	611,474.94	820,744.65	32.6777029	-103.4252584	3,903.59	0.00	0.00	0.00
13,100.00	90.00	359.52	9,750.00	3,999.12	-550.39	611,574.94	820,743.80	32.6779777	-103.4252584	4,003.59	0.00	0.00	0.00
13,200.00	90.00	359.52	9,750.00	4,099.11	-551.23	611,674.93	820,742.96	32.6782526	-103.4252584	4,103.59	0.00	0.00	0.00
13,300.00	90.00	359.52	9,750.00	4,199.11	-552.08	611,774.93	820,742.11	32.6785274	-103.4252583	4,203.59	0.00	0.00	0.00
13,400.00	90.00	359.52	9,750.00	4,299.11	-552.93	611,874.93	820,741.26	32.6788023	-103.4252583	4,303.59	0.00	0.00	0.00
13,500.00	90.00	359.52	9,750.00	4,399.10	-553.77	611,974.92	820,740.42	32.6790771	-103.4252583	4,403.59	0.00	0.00	0.00
13,600.00	90.00	359.52	9,750.00	4,499.10	-554.62	612,074.92	820,739.57	32.6793520	-103.4252582	4,503.59	0.00	0.00	0.00
13,700.00	90.00	359.52	9,750.00	4,599.10	-555.46	612,174.92	820,738.73	32.6796268	-103.4252582	4,603.59	0.00	0.00	0.00
13,800.00	90.00	359.52	9,750.00	4,699.09	-556.31	612,274.91	820,737.88	32.6799017	-103.4252582	4,703.59	0.00	0.00	0.00
13,900.00	90.00	359.52	9,750.00	4,799.09	-557.15	612,374.91	820,737.04	32.6801765	-103.4252581	4,803.59	0.00	0.00	0.00
14,000.00	90.00	359.52	9,750.00	4,899.09	-558.00	612,474.91	820,736.19	32.6804514	-103.4252581	4,903.59	0.00	0.00	0.00
14,100.00	90.00	359.52	9,750.00	4,999.08	-558.85	612,574.90	820,735.34	32.6807262	-103.4252581	5,003.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Map Coordinates Northing (usft)	Map Coordinates Easting (usft)	Geo Coordinates Latitude (°)	Geo Coordinates Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,200.00	90.00	359.52	9,750.00	5,099.08	-559.69	612,674.90	820,734.50	32.6810011	-103.4252580	5,103.59	0.00	0.00	0.00
14,300.00	90.00	359.52	9,750.00	5,199.07	-560.54	612,774.89	820,733.65	32.6812759	-103.4252580	5,203.59	0.00	0.00	0.00
14,400.00	90.00	359.52	9,750.00	5,299.07	-561.38	612,874.89	820,732.81	32.6815507	-103.4252580	5,303.59	0.00	0.00	0.00
14,500.00	90.00	359.52	9,750.00	5,399.07	-562.23	612,974.89	820,731.96	32.6818256	-103.4252580	5,403.59	0.00	0.00	0.00
14,600.00	90.00	359.52	9,750.00	5,499.06	-563.08	613,074.88	820,731.11	32.6821004	-103.4252579	5,503.59	0.00	0.00	0.00
14,700.00	90.00	359.52	9,750.00	5,599.06	-563.92	613,174.88	820,730.27	32.6823753	-103.4252579	5,603.59	0.00	0.00	0.00
14,800.00	90.00	359.52	9,750.00	5,699.06	-564.77	613,274.88	820,729.42	32.6826501	-103.4252579	5,703.59	0.00	0.00	0.00
14,900.00	90.00	359.52	9,750.00	5,799.05	-565.61	613,374.87	820,728.58	32.6829250	-103.4252578	5,803.59	0.00	0.00	0.00
15,000.00	90.00	359.52	9,750.00	5,899.05	-566.46	613,474.87	820,727.73	32.6831998	-103.4252578	5,903.59	0.00	0.00	0.00
15,100.00	90.00	359.52	9,750.00	5,999.05	-567.30	613,574.87	820,726.89	32.6834747	-103.4252578	6,003.59	0.00	0.00	0.00
15,200.00	90.00	359.52	9,750.00	6,099.04	-568.15	613,674.86	820,726.04	32.6837495	-103.4252577	6,103.59	0.00	0.00	0.00
15,300.00	90.00	359.52	9,750.00	6,199.04	-569.00	613,774.86	820,725.19	32.6840244	-103.4252577	6,203.59	0.00	0.00	0.00
15,400.00	90.00	359.52	9,750.00	6,299.04	-569.84	613,874.86	820,724.35	32.6842992	-103.4252577	6,303.59	0.00	0.00	0.00
15,500.00	90.00	359.52	9,750.00	6,399.03	-570.69	613,974.85	820,723.50	32.6845741	-103.4252576	6,403.59	0.00	0.00	0.00
15,600.00	90.00	359.52	9,750.00	6,499.03	-571.53	614,074.85	820,722.66	32.6848489	-103.4252576	6,503.59	0.00	0.00	0.00
15,700.00	90.00	359.52	9,750.00	6,599.02	-572.38	614,174.84	820,721.81	32.6851237	-103.4252576	6,603.59	0.00	0.00	0.00
15,800.00	90.00	359.52	9,750.00	6,699.02	-573.23	614,274.84	820,720.96	32.6853986	-103.4252575	6,703.59	0.00	0.00	0.00
15,900.00	90.00	359.52	9,750.00	6,799.02	-574.07	614,374.84	820,720.12	32.6856734	-103.4252575	6,803.59	0.00	0.00	0.00
16,000.00	90.00	359.52	9,750.00	6,899.01	-574.92	614,474.83	820,719.27	32.6859483	-103.4252575	6,903.59	0.00	0.00	0.00
16,100.00	90.00	359.52	9,750.00	6,999.01	-575.76	614,574.83	820,718.43	32.6862231	-103.4252574	7,003.59	0.00	0.00	0.00
16,200.00	90.00	359.52	9,750.00	7,099.01	-576.61	614,674.83	820,717.58	32.6864980	-103.4252574	7,103.59	0.00	0.00	0.00
16,300.00	90.00	359.52	9,750.00	7,199.00	-577.46	614,774.82	820,716.73	32.6867728	-103.4252574	7,203.59	0.00	0.00	0.00
16,400.00	90.00	359.52	9,750.00	7,299.00	-578.30	614,874.82	820,715.89	32.6870477	-103.4252573	7,303.59	0.00	0.00	0.00
16,500.00	90.00	359.52	9,750.00	7,399.00	-579.15	614,974.82	820,715.04	32.6873225	-103.4252573	7,403.59	0.00	0.00	0.00
16,600.00	90.00	359.52	9,750.00	7,498.99	-579.99	615,074.81	820,714.20	32.6875974	-103.4252573	7,503.59	0.00	0.00	0.00
16,700.00	90.00	359.52	9,750.00	7,598.99	-580.84	615,174.81	820,713.35	32.6878722	-103.4252572	7,603.59	0.00	0.00	0.00
16,800.00	90.00	359.52	9,750.00	7,698.99	-581.68	615,274.81	820,712.51	32.6881471	-103.4252572	7,703.59	0.00	0.00	0.00
16,900.00	90.00	359.52	9,750.00	7,798.98	-582.53	615,374.80	820,711.66	32.6884219	-103.4252572	7,803.59	0.00	0.00	0.00
17,000.00	90.00	359.52	9,750.00	7,898.98	-583.38	615,474.80	820,710.81	32.6886967	-103.4252571	7,903.59	0.00	0.00	0.00
17,100.00	90.00	359.52	9,750.00	7,998.97	-584.22	615,574.79	820,709.97	32.6889716	-103.4252571	8,003.59	0.00	0.00	0.00
17,200.00	90.00	359.52	9,750.00	8,098.97	-585.07	615,674.79	820,709.12	32.6892464	-103.4252571	8,103.59	0.00	0.00	0.00
17,300.00	90.00	359.52	9,750.00	8,198.97	-585.91	615,774.79	820,708.28	32.6895213	-103.4252570	8,203.59	0.00	0.00	0.00
17,400.00	90.00	359.52	9,750.00	8,298.96	-586.76	615,874.78	820,707.43	32.6897961	-103.4252570	8,303.59	0.00	0.00	0.00
17,500.00	90.00	359.52	9,750.00	8,398.96	-587.61	615,974.78	820,706.58	32.6900710	-103.4252570	8,403.59	0.00	0.00	0.00
17,600.00	90.00	359.52	9,750.00	8,498.96	-588.45	616,074.78	820,705.74	32.6903458	-103.4252569	8,503.59	0.00	0.00	0.00
17,700.00	90.00	359.52	9,750.00	8,598.95	-589.30	616,174.77	820,704.89	32.6906207	-103.4252569	8,603.59	0.00	0.00	0.00
17,800.00	90.00	359.52	9,750.00	8,698.95	-590.14	616,274.77	820,704.05	32.6908955	-103.4252569	8,703.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well:	Yeti State Com 223H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	.Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates (usft)		Map Coordinates (usft)		Geo Coordinates (°)		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
				+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
17,900.00	90.00	359.52	9,750.00	8,798.95	-590.99	616,374.77	820,703.20	32.6911704	-103.4252568	8,803.59	0.00	0.00	0.00
18,000.00	90.00	359.52	9,750.00	8,898.94	-591.84	616,474.76	820,702.35	32.6914452	-103.4252568	8,903.59	0.00	0.00	0.00
18,100.00	90.00	359.52	9,750.00	8,998.94	-592.68	616,574.76	820,701.51	32.6917200	-103.4252568	9,003.59	0.00	0.00	0.00
18,200.00	90.00	359.52	9,750.00	9,098.94	-593.53	616,674.76	820,700.66	32.6919949	-103.4252567	9,103.59	0.00	0.00	0.00
18,300.00	90.00	359.52	9,750.00	9,198.93	-594.37	616,774.75	820,699.82	32.6922697	-103.4252567	9,203.59	0.00	0.00	0.00
18,400.00	90.00	359.52	9,750.00	9,298.93	-595.22	616,874.75	820,698.97	32.6925446	-103.4252567	9,303.59	0.00	0.00	0.00
18,500.00	90.00	359.52	9,750.00	9,398.92	-596.06	616,974.74	820,698.13	32.6928194	-103.4252566	9,403.59	0.00	0.00	0.00
18,600.00	90.00	359.52	9,750.00	9,498.92	-596.91	617,074.74	820,697.28	32.6930943	-103.4252566	9,503.59	0.00	0.00	0.00
18,700.00	90.00	359.52	9,750.00	9,598.92	-597.76	617,174.74	820,696.43	32.6933691	-103.4252566	9,603.59	0.00	0.00	0.00
18,800.00	90.00	359.52	9,750.00	9,698.91	-598.60	617,274.73	820,695.59	32.6936440	-103.4252565	9,703.59	0.00	0.00	0.00
18,900.00	90.00	359.52	9,750.00	9,798.91	-599.45	617,374.73	820,694.74	32.6939188	-103.4252565	9,803.59	0.00	0.00	0.00
19,000.00	90.00	359.52	9,750.00	9,898.91	-600.29	617,474.73	820,693.90	32.6941937	-103.4252565	9,903.59	0.00	0.00	0.00
19,100.00	90.00	359.52	9,750.00	9,998.90	-601.14	617,574.72	820,693.05	32.6944685	-103.4252564	10,003.59	0.00	0.00	0.00
19,200.00	90.00	359.52	9,750.00	10,098.90	-601.99	617,674.72	820,692.20	32.6947433	-103.4252564	10,103.59	0.00	0.00	0.00
19,300.00	90.00	359.52	9,750.00	10,198.90	-602.83	617,774.72	820,691.36	32.6950182	-103.4252564	10,203.59	0.00	0.00	0.00
19,400.00	90.00	359.52	9,750.00	10,298.89	-603.68	617,874.71	820,690.51	32.6952930	-103.4252563	10,303.59	0.00	0.00	0.00
19,500.00	90.00	359.52	9,750.00	10,398.89	-604.52	617,974.71	820,689.67	32.6955679	-103.4252563	10,403.59	0.00	0.00	0.00
19,600.00	90.00	359.52	9,750.00	10,498.89	-605.37	618,074.71	820,688.82	32.6958427	-103.4252563	10,503.59	0.00	0.00	0.00
19,700.00	90.00	359.52	9,750.00	10,598.88	-606.22	618,174.70	820,687.97	32.6961176	-103.4252562	10,603.59	0.00	0.00	0.00
19,800.00	90.00	359.52	9,750.00	10,698.88	-607.06	618,274.70	820,687.13	32.6963924	-103.4252562	10,703.59	0.00	0.00	0.00
19,900.00	90.00	359.52	9,750.00	10,798.87	-607.91	618,374.69	820,686.28	32.6966673	-103.4252562	10,803.59	0.00	0.00	0.00
20,000.00	90.00	359.52	9,750.00	10,898.87	-608.75	618,474.69	820,685.44	32.6969421	-103.4252561	10,903.59	0.00	0.00	0.00
20,100.00	90.00	359.52	9,750.00	10,998.87	-609.60	618,574.69	820,684.59	32.6972170	-103.4252561	11,003.59	0.00	0.00	0.00
20,200.00	90.00	359.52	9,750.00	11,098.86	-610.44	618,674.68	820,683.75	32.6974918	-103.4252561	11,103.59	0.00	0.00	0.00
20,300.00	90.00	359.52	9,750.00	11,198.86	-611.29	618,774.68	820,682.90	32.6977666	-103.4252560	11,203.59	0.00	0.00	0.00
20,400.00	90.00	359.52	9,750.00	11,298.86	-612.14	618,874.68	820,682.05	32.6980415	-103.4252560	11,303.59	0.00	0.00	0.00
20,500.00	90.00	359.52	9,750.00	11,398.85	-612.98	618,974.67	820,681.21	32.6983163	-103.4252560	11,403.59	0.00	0.00	0.00
20,600.00	90.00	359.52	9,750.00	11,498.85	-613.83	619,074.67	820,680.36	32.6985912	-103.4252559	11,503.59	0.00	0.00	0.00
20,700.00	90.00	359.52	9,750.00	11,598.85	-614.67	619,174.67	820,679.52	32.6988660	-103.4252559	11,603.59	0.00	0.00	0.00
20,800.00	90.00	359.52	9,750.00	11,698.84	-615.52	619,274.66	820,678.67	32.6991409	-103.4252559	11,703.59	0.00	0.00	0.00
20,900.00	90.00	359.52	9,750.00	11,798.84	-616.37	619,374.66	820,677.82	32.6994157	-103.4252558	11,803.59	0.00	0.00	0.00
21,000.00	90.00	359.52	9,750.00	11,898.84	-617.21	619,474.66	820,676.98	32.6996906	-103.4252558	11,903.59	0.00	0.00	0.00
21,100.00	90.00	359.52	9,750.00	11,998.83	-618.06	619,574.65	820,676.13	32.6999654	-103.4252558	12,003.59	0.00	0.00	0.00
21,200.00	90.00	359.52	9,750.00	12,098.83	-618.90	619,674.65	820,675.29	32.7002403	-103.4252557	12,103.59	0.00	0.00	0.00
21,300.00	90.00	359.52	9,750.00	12,198.82	-619.75	619,774.64	820,674.44	32.7005151	-103.4252557	12,203.59	0.00	0.00	0.00
21,400.00	90.00	359.52	9,750.00	12,298.82	-620.59	619,874.64	820,673.60	32.7007899	-103.4252557	12,303.59	0.00	0.00	0.00
21,500.00	90.00	359.52	9,750.00	12,398.82	-621.44	619,974.64	820,672.75	32.7010648	-103.4252556	12,403.59	0.00	0.00	0.00
21,600.00	90.00	359.52	9,750.00	12,498.81	-622.29	620,074.63	820,671.90	32.7013396	-103.4252556	12,503.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates (usft)		Map Coordinates (usft)		Geo Coordinates (°)		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
				+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
21,700.00	90.00	359.52	9,750.00	12,598.81	-623.13	620,174.63	820,671.06	32.7016145	-103.4252556	12,603.59	0.00	0.00	0.00
21,800.00	90.00	359.52	9,750.00	12,698.81	-623.98	620,274.63	820,670.21	32.7018893	-103.4252555	12,703.59	0.00	0.00	0.00
21,900.00	90.00	359.52	9,750.00	12,798.80	-624.82	620,374.62	820,669.37	32.7021642	-103.4252555	12,803.59	0.00	0.00	0.00
22,000.00	90.00	359.52	9,750.00	12,898.80	-625.67	620,474.62	820,668.52	32.7024390	-103.4252555	12,903.59	0.00	0.00	0.00
22,100.00	90.00	359.52	9,750.00	12,998.80	-626.52	620,574.62	820,667.67	32.7027139	-103.4252554	13,003.59	0.00	0.00	0.00
22,200.00	90.00	359.52	9,750.00	13,098.79	-627.36	620,674.61	820,666.83	32.7029887	-103.4252554	13,103.59	0.00	0.00	0.00
22,300.00	90.00	359.52	9,750.00	13,198.79	-628.21	620,774.61	820,665.98	32.7032636	-103.4252554	13,203.59	0.00	0.00	0.00
22,400.00	90.00	359.52	9,750.00	13,298.79	-629.05	620,874.61	820,665.14	32.7035384	-103.4252553	13,303.59	0.00	0.00	0.00
22,500.00	90.00	359.52	9,750.00	13,398.78	-629.90	620,974.60	820,664.29	32.7038132	-103.4252553	13,403.59	0.00	0.00	0.00
22,600.00	90.00	359.52	9,750.00	13,498.78	-630.75	621,074.60	820,663.44	32.7040881	-103.4252553	13,503.59	0.00	0.00	0.00
22,700.00	90.00	359.52	9,750.00	13,598.77	-631.59	621,174.59	820,662.60	32.7043629	-103.4252552	13,603.59	0.00	0.00	0.00
22,800.00	90.00	359.52	9,750.00	13,698.77	-632.44	621,274.59	820,661.75	32.7046378	-103.4252552	13,703.59	0.00	0.00	0.00
22,900.00	90.00	359.52	9,750.00	13,798.77	-633.28	621,374.59	820,660.91	32.7049126	-103.4252552	13,803.59	0.00	0.00	0.00
23,000.00	90.00	359.52	9,750.00	13,898.76	-634.13	621,474.58	820,660.06	32.7051875	-103.4252551	13,903.59	0.00	0.00	0.00
23,100.00	90.00	359.52	9,750.00	13,998.76	-634.97	621,574.58	820,659.22	32.7054623	-103.4252551	14,003.59	0.00	0.00	0.00
23,200.00	90.00	359.52	9,750.00	14,098.76	-635.82	621,674.58	820,658.37	32.7057372	-103.4252551	14,103.59	0.00	0.00	0.00
23,300.00	90.00	359.52	9,750.00	14,198.75	-636.67	621,774.57	820,657.52	32.7060120	-103.4252550	14,203.59	0.00	0.00	0.00
23,400.00	90.00	359.52	9,750.00	14,298.75	-637.51	621,874.57	820,656.68	32.7062868	-103.4252550	14,303.59	0.00	0.00	0.00
23,500.00	90.00	359.52	9,750.00	14,398.75	-638.36	621,974.57	820,655.83	32.7065617	-103.4252549	14,403.59	0.00	0.00	0.00
23,600.00	90.00	359.52	9,750.00	14,498.74	-639.20	622,074.56	820,654.99	32.7068365	-103.4252549	14,503.59	0.00	0.00	0.00
23,700.00	90.00	359.52	9,750.00	14,598.74	-640.05	622,174.56	820,654.14	32.7071114	-103.4252549	14,603.59	0.00	0.00	0.00
23,800.00	90.00	359.52	9,750.00	14,698.74	-640.90	622,274.55	820,653.29	32.7073862	-103.4252548	14,703.59	0.00	0.00	0.00
23,900.00	90.00	359.52	9,750.00	14,798.73	-641.74	622,374.55	820,652.45	32.7076611	-103.4252548	14,803.59	0.00	0.00	0.00
24,000.00	90.00	359.52	9,750.00	14,898.73	-642.59	622,474.55	820,651.60	32.7079359	-103.4252548	14,903.59	0.00	0.00	0.00
24,100.00	90.00	359.52	9,750.00	14,998.72	-643.43	622,574.54	820,650.76	32.7082108	-103.4252547	15,003.59	0.00	0.00	0.00
24,200.00	90.00	359.52	9,750.00	15,098.72	-644.28	622,674.54	820,649.91	32.7084856	-103.4252547	15,103.59	0.00	0.00	0.00
24,300.00	90.00	359.52	9,750.00	15,198.72	-645.13	622,774.54	820,649.06	32.7087605	-103.4252547	15,203.59	0.00	0.00	0.00
24,400.00	90.00	359.52	9,750.00	15,298.71	-645.97	622,874.53	820,648.22	32.7090353	-103.4252546	15,303.59	0.00	0.00	0.00
24,500.00	90.00	359.52	9,750.00	15,398.71	-646.82	622,974.53	820,647.37	32.7093101	-103.4252546	15,403.59	0.00	0.00	0.00
24,600.00	90.00	359.52	9,750.00	15,498.71	-647.66	623,074.53	820,646.53	32.7095850	-103.4252546	15,503.59	0.00	0.00	0.00
24,700.00	90.00	359.52	9,750.00	15,598.70	-648.51	623,174.52	820,645.68	32.7098598	-103.4252545	15,603.59	0.00	0.00	0.00
24,800.00	90.00	359.52	9,750.00	15,698.70	-649.35	623,274.52	820,644.84	32.7101347	-103.4252545	15,703.59	0.00	0.00	0.00
24,900.00	90.00	359.52	9,750.00	15,798.70	-650.20	623,374.52	820,643.99	32.7104095	-103.4252545	15,803.59	0.00	0.00	0.00
25,000.00	90.00	359.52	9,750.00	15,898.69	-651.05	623,474.51	820,643.14	32.7106844	-103.4252544	15,903.59	0.00	0.00	0.00
25,100.00	90.00	359.52	9,750.00	15,998.69	-651.89	623,574.51	820,642.30	32.7109592	-103.4252544	16,003.59	0.00	0.00	0.00
25,200.00	90.00	359.52	9,750.00	16,098.69	-652.74	623,674.50	820,641.45	32.7112341	-103.4252544	16,103.59	0.00	0.00	0.00
25,300.00	90.00	359.52	9,750.00	16,198.68	-653.58	623,774.50	820,640.61	32.7115089	-103.4252543	16,203.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates (usft)		Map Coordinates (usft)		Geo Coordinates (°)		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
				+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
25,400.00	90.00	359.52	9,750.00	16,298.68	-654.43	623,874.50	820,639.76	32.7117837	-103.4252543	16,303.59	0.00	0.00	0.00
25,500.00	90.00	359.52	9,750.00	16,398.67	-655.28	623,974.49	820,638.91	32.7120586	-103.4252543	16,403.59	0.00	0.00	0.00
25,600.00	90.00	359.52	9,750.00	16,498.67	-656.12	624,074.49	820,638.07	32.7123334	-103.4252542	16,503.59	0.00	0.00	0.00
25,700.00	90.00	359.52	9,750.00	16,598.67	-656.97	624,174.49	820,637.22	32.7126083	-103.4252542	16,603.59	0.00	0.00	0.00
25,800.00	90.00	359.52	9,750.00	16,698.66	-657.81	624,274.48	820,636.38	32.7128831	-103.4252542	16,703.59	0.00	0.00	0.00
25,900.00	90.00	359.52	9,750.00	16,798.66	-658.66	624,374.48	820,635.53	32.7131580	-103.4252541	16,803.59	0.00	0.00	0.00
26,000.00	90.00	359.52	9,750.00	16,898.66	-659.50	624,474.48	820,634.69	32.7134328	-103.4252541	16,903.59	0.00	0.00	0.00
26,100.00	90.00	359.52	9,750.00	16,998.65	-660.35	624,574.47	820,633.84	32.7137077	-103.4252541	17,003.59	0.00	0.00	0.00
26,200.00	90.00	359.52	9,750.00	17,098.65	-661.20	624,674.47	820,632.99	32.7139825	-103.4252540	17,103.59	0.00	0.00	0.00
26,300.00	90.00	359.52	9,750.00	17,198.65	-662.04	624,774.47	820,632.15	32.7142574	-103.4252540	17,203.59	0.00	0.00	0.00
26,400.00	90.00	359.52	9,750.00	17,298.64	-662.89	624,874.46	820,631.30	32.7145322	-103.4252539	17,303.59	0.00	0.00	0.00
26,500.00	90.00	359.52	9,750.00	17,398.64	-663.73	624,974.46	820,630.46	32.7148070	-103.4252539	17,403.59	0.00	0.00	0.00
26,600.00	90.00	359.52	9,750.00	17,498.64	-664.58	625,074.45	820,629.61	32.7150819	-103.4252539	17,503.59	0.00	0.00	0.00
26,700.00	90.00	359.52	9,750.00	17,598.63	-665.43	625,174.45	820,628.76	32.7153567	-103.4252538	17,603.59	0.00	0.00	0.00
26,800.00	90.00	359.52	9,750.00	17,698.63	-666.27	625,274.45	820,627.92	32.7156316	-103.4252538	17,703.59	0.00	0.00	0.00
26,900.00	90.00	359.52	9,750.00	17,798.62	-667.12	625,374.44	820,627.07	32.7159064	-103.4252538	17,803.59	0.00	0.00	0.00
27,000.00	90.00	359.52	9,750.00	17,898.62	-667.96	625,474.44	820,626.23	32.7161813	-103.4252537	17,903.59	0.00	0.00	0.00
27,100.00	90.00	359.52	9,750.00	17,998.62	-668.81	625,574.44	820,625.38	32.7164561	-103.4252537	18,003.59	0.00	0.00	0.00
27,200.00	90.00	359.52	9,750.00	18,098.61	-669.66	625,674.43	820,624.53	32.7167310	-103.4252537	18,103.59	0.00	0.00	0.00
27,300.00	90.00	359.52	9,750.00	18,198.61	-670.50	625,774.43	820,623.69	32.7170058	-103.4252536	18,203.59	0.00	0.00	0.00
27,400.00	90.00	359.52	9,750.00	18,298.61	-671.35	625,874.43	820,622.84	32.7172806	-103.4252536	18,303.59	0.00	0.00	0.00
27,500.00	90.00	359.52	9,750.00	18,398.60	-672.19	625,974.42	820,622.00	32.7175555	-103.4252536	18,403.59	0.00	0.00	0.00
27,600.00	90.00	359.52	9,750.00	18,498.60	-673.04	626,074.42	820,621.15	32.7178303	-103.4252535	18,503.59	0.00	0.00	0.00
27,700.00	90.00	359.52	9,750.00	18,598.60	-673.88	626,174.42	820,620.31	32.7181052	-103.4252535	18,603.59	0.00	0.00	0.00
27,800.00	90.00	359.52	9,750.00	18,698.59	-674.73	626,274.41	820,619.46	32.7183800	-103.4252535	18,703.59	0.00	0.00	0.00
27,900.00	90.00	359.52	9,750.00	18,798.59	-675.58	626,374.41	820,618.61	32.7186549	-103.4252534	18,803.59	0.00	0.00	0.00
28,000.00	90.00	359.52	9,750.00	18,898.59	-676.42	626,474.40	820,617.77	32.7189297	-103.4252534	18,903.59	0.00	0.00	0.00
28,100.00	90.00	359.52	9,750.00	18,998.58	-677.27	626,574.40	820,616.92	32.7192046	-103.4252534	19,003.59	0.00	0.00	0.00
28,200.00	90.00	359.52	9,750.00	19,098.58	-678.11	626,674.40	820,616.08	32.7194794	-103.4252533	19,103.59	0.00	0.00	0.00
28,300.00	90.00	359.52	9,750.00	19,198.57	-678.96	626,774.39	820,615.23	32.7197542	-103.4252533	19,203.59	0.00	0.00	0.00
28,400.00	90.00	359.52	9,750.00	19,298.57	-679.81	626,874.39	820,614.38	32.7200291	-103.4252532	19,303.59	0.00	0.00	0.00
28,500.00	90.00	359.52	9,750.00	19,398.57	-680.65	626,974.39	820,613.54	32.7203039	-103.4252532	19,403.59	0.00	0.00	0.00
28,600.00	90.00	359.52	9,750.00	19,498.56	-681.50	627,074.38	820,612.69	32.7205788	-103.4252532	19,503.59	0.00	0.00	0.00
28,700.00	90.00	359.52	9,750.00	19,598.56	-682.34	627,174.38	820,611.85	32.7208536	-103.4252531	19,603.59	0.00	0.00	0.00
28,800.00	90.00	359.52	9,750.00	19,698.56	-683.19	627,274.38	820,611.00	32.7211285	-103.4252531	19,703.59	0.00	0.00	0.00
28,900.00	90.00	359.52	9,750.00	19,798.55	-684.04	627,374.37	820,610.15	32.7214033	-103.4252531	19,803.59	0.00	0.00	0.00
29,000.00	90.00	359.52	9,750.00	19,898.55	-684.88	627,474.37	820,609.31	32.7216782	-103.4252530	19,903.59	0.00	0.00	0.00
29,100.00	90.00	359.52	9,750.00	19,998.55	-685.73	627,574.37	820,608.46	32.7219530	-103.4252530	20,003.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Planned Survey

Measured Depth (usft)	INC (°)	AZI (°)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Map Coordinates Northing (usft)	Easting (usft)	Geo Coordinates Latitude (°)	Longitude (°)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
29,200.00	90.00	359.52	9,750.00	20,098.54	-686.57	627,674.36	820,607.62	32.7222278	-103.4252530	20,103.59	0.00	0.00	0.00
29,300.00	90.00	359.52	9,750.00	20,198.54	-687.42	627,774.36	820,606.77	32.7225027	-103.4252529	20,203.59	0.00	0.00	0.00
29,400.00	90.00	359.52	9,750.00	20,298.54	-688.26	627,874.35	820,605.93	32.7227775	-103.4252529	20,303.59	0.00	0.00	0.00
29,500.00	90.00	359.52	9,750.00	20,398.53	-689.11	627,974.35	820,605.08	32.7230524	-103.4252529	20,403.59	0.00	0.00	0.00
29,600.00	90.00	359.52	9,750.00	20,498.53	-689.96	628,074.35	820,604.23	32.7233272	-103.4252528	20,503.59	0.00	0.00	0.00
29,700.00	90.00	359.52	9,750.00	20,598.52	-690.80	628,174.34	820,603.39	32.7236021	-103.4252528	20,603.59	0.00	0.00	0.00
29,800.00	90.00	359.52	9,750.00	20,698.52	-691.65	628,274.34	820,602.54	32.7238769	-103.4252527	20,703.59	0.00	0.00	0.00
29,900.00	90.00	359.52	9,750.00	20,798.52	-692.49	628,374.34	820,601.70	32.7241518	-103.4252527	20,803.59	0.00	0.00	0.00
30,000.00	90.00	359.52	9,750.00	20,898.51	-693.34	628,474.33	820,600.85	32.7244266	-103.4252527	20,903.59	0.00	0.00	0.00
30,100.00	90.00	359.52	9,750.00	20,998.51	-694.19	628,574.33	820,600.00	32.7247014	-103.4252526	21,003.59	0.00	0.00	0.00
30,200.00	90.00	359.52	9,750.00	21,098.51	-695.03	628,674.33	820,599.16	32.7249763	-103.4252526	21,103.59	0.00	0.00	0.00
30,300.00	90.00	359.52	9,750.00	21,198.50	-695.88	628,774.32	820,598.31	32.7252511	-103.4252526	21,203.59	0.00	0.00	0.00
30,392.52	90.00	359.52	9,750.00	21,291.02	-696.66	628,866.84	820,597.53	32.7255054	-103.4252525	21,296.11	0.00	0.00	0.00
TD - 30392.52' MD - LTP/PBHL - 100' FNL, 1820' FEL (YSC 223H)													

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP/PBHL - 100' FNL. - hit/miss target - Shape - plan hits target center - Point	0.00	0.00	9,750.00	21,291.02	-696.66	628,866.84	820,597.53	32.7255054	-103.4252525
KOP/LP/FTP (YSC 22 - plan misses target center by 249.77usft at 9650.00usft MD (9572.81 TVD, 591.68 N, -521.57 E) - Point	0.00	0.00	9,750.00	415.64	-520.08	607,991.46	820,774.11	32.6681283	-103.4252596

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 223H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Well: Yeti State Com 223H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,769.45	1,768.00	Rustler			
1,846.73	1,845.00	A3			
1,934.04	1,932.00	Tamarisk			
2,033.39	2,031.00	Top Salt			
3,106.21	3,100.00	Base Slit			
3,303.92	3,297.00	Yates			
3,735.45	3,727.00	Seven Rivers			
4,459.03	4,448.00	Queen			
5,582.03	5,567.00	Cherry Canyon			
6,110.91	6,094.00	Brushy Canyon			
7,542.01	7,520.00	Bone Spring			
9,238.01	9,210.00	1st Bone Spring Sand			
9,365.91	9,335.00	2nd Bone Spring Carbonate			
9,448.04	9,411.00	2nd Bone Spring Sand			
10,232.33	9,750.00	Target			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1200	1200	0	0	Nudge, Build 2.00°/100'
1442	1442	6	-8	Hold - 1441.83' MD/1441.54' TVD
9129	9102	408	-517	Start DLS 4.00 TFO 113.53
9235	9207	416	-520	KOP - Start 10.00°/100' DLS
9935	9711	838	-524	75° Inc - 9935.46' MD/9710.96' TVD
10,235	9750	1135	-526	LP - 10235.46' MD
30,393	9750	21,291	-697	TD - 30392.52' MD

Checked By: _____ Approved By: _____ Date: _____

Coterra Energy

Lea County, NM (NAD 83)

Yeti-Chile pad

Yeti State Com 223H

320' FNL, 1306' FEL

OH

Plan #1



Anticollision Report

Minimum Magnetic Interference Warning level is 20' center to center

05 March, 2026

Total Report Version 1.70

COMPASS 5000.16 Build 97

[Click here for our anticollision policy](#)

ATTENTION

All offset data provided was gathered using available software and resources. Total Directional Services cannot guarantee the accuracy of all offset data, which should be verified for accuracy by the Operator.

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Reference	Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 3,312.47usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Well	Yeti State Com 223H		
Well Position	+N/-S	0.00 usft	Northing: 607,575.82 usft
	+E/-W	0.00 usft	Easting: 821,294.19 usft
Position Uncertainty		0.00 usft	Wellhead Elevation: usft
Grid Convergence:		0.49 °	Latitude: 32.6669738
			Longitude: -103.4235812
			Ground Level: 3,761.10 usft

Survey Tool Program	Date	3/5/2026		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	30,392.52	Plan #1 (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

Experimental: Summary Highlights: Yeti State Com 223H

- At 23,319.21 MD, (O) South Vacuum Unit 351 - OH - OH is 237.68 usft away with a 0.36 SF.
- At 23,443.38 MD, (O) South Vacuum Unit 354 - OH - OH is 187.95 usft away with a 1.34 SF.
- At 25,855.92 MD, (O) Reeves 26 003 SWD - OH - OH is 190.35 usft away with a 0.55 SF.

Offset Listing								
Offset Customer - Project - Site Name	Ground Level		Map Coordinates		Geographical Coordinates		Surface Uncertainty	
	KB	Height	Northing	Easting	Latitude	Longitude	Site	Well
- - Yeti-Chile pad								
(O) Blue Box Federal Com 505H -	3,802.90	3,830.90	615,321.84	822,280.64	32.6882393	-103.4201594	0.00	0.00
(O) Fowler 001 - P&A -	3,764.90	3,764.90	605,893.21	820,626.65	32.6623650	-103.4257970	0.00	0.00
(O) Henry Record #1 -	3,680.00	3,695.00	593,964.50	822,046.66	32.6295470	-103.4215160	0.00	0.00
(O) Honeydew 35 State #1 - P&A -	3,866.00	3,866.00	622,686.90	822,114.29	32.7084850	-103.4204940	0.00	0.00
(O) Pearl 26 Federal #3 -	3,691.00	3,707.00	592,749.44	821,087.48	32.6262302	-103.4246651	0.00	0.00
(O) Record 001 -	3,710.00	3,710.00	593,998.83	819,720.87	32.6296960	-103.4290690	0.00	0.00
(O) Reeves 26 003 SWD -	3,860.00	3,860.00	624,328.48	820,445.56	32.7130360	-103.4258730	0.00	0.00
(O) South Vacuum Unit 351 -	3,869.00	3,876.00	621,687.15	820,475.24	32.7057760	-103.4258500	0.00	0.00
(O) South Vacuum Unit 352 -	3,860.00	3,860.00	620,360.71	821,810.37	32.7020990	-103.4215470	0.00	0.00
(O) South Vacuum Unit 354 -	3,869.00	3,869.00	621,919.54	820,844.25	32.7064060	-103.4246440	0.00	0.00
(O) State Sec 27 2 -	3,887.00	3,899.00	629,680.30	816,443.13	32.7278382	-103.4387378	0.00	0.00
(O) Swan 23 State Com 001 -	3,728.00	3,728.00	597,995.50	820,730.70	32.6406567	-103.4256783	0.00	0.00
Chile Federal Com 221H -	3,781.20	3,804.20	607,832.85	818,665.52	32.6677418	-103.4321154	0.00	0.00
Chile Federal Com 222H -	3,780.70	3,803.70	607,833.18	818,705.52	32.6677418	-103.4319854	0.00	0.00
Chile Federal Com 224H -	3,760.80	3,783.80	607,576.32	821,354.18	32.6669737	-103.4233863	0.00	0.00
Yeti State Com 221H -	3,781.30	3,804.30	607,832.69	818,645.53	32.6677418	-103.4321804	0.00	0.00
Yeti State Com 222H -	3,781.00	3,804.00	607,833.02	818,685.52	32.6677418	-103.4320504	0.00	0.00

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Listing							
Offset Customer - Project - Site Name	Ground Level KB Height		Map Coordinates		Geographical Coordinates		Surface Uncertainty
Offset Well			Northing	Easting	Latitude	Longitude	Site Well
- - Yeti-Chile pad							
Yeti State Com 224H -	3,761.00	3,784.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00 0.00

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Yeti-Chile pad						
(O) Blue Box Federal Com 505H - OH - OH	9,700.00	16,766.72	1,909.74	1,753.28	12.21	SF
(O) Blue Box Federal Com 505H - OH - OH	9,800.00	16,687.68	1,908.37	1,752.70	12.26	ES
(O) Blue Box Federal Com 505H - OH - OH	9,823.26	16,667.01	1,908.33	1,752.91	12.28	CC
(O) Fowler 001 - P&A - OH - OH	862.50	843.29	1,809.69	1,791.10	97.31	CC
(O) Fowler 001 - P&A - OH - OH	1,400.00	1,379.61	1,811.71	1,781.28	59.54	ES
(O) Fowler 001 - P&A - OH - OH	9,300.00	9,253.00	2,112.63	1,895.68	9.74	SF
(O) Henry Record #1 - OH - OH						Out of range
(O) Honeydew 35 State #1 - P&A - OH - OH	24,200.89	9,834.00	1,464.44	1,132.82	4.42	CC, ES, SF
(O) Pearl 26 Federal #3 - OH - OH						Out of range
(O) Record 001 - OH - OH						Out of range
(O) Reeves 26 003 SWD - OH - OH	25,855.92	9,828.40	190.35	-155.15	0.55	Level 1, CC, ES, SF
(O) South Vacuum Unit 351 - OH - OH	23,319.21	9,823.81	237.68	-417.15	0.36	Level 1, CC, ES, SF
(O) South Vacuum Unit 352 - OH - OH	21,876.43	9,826.87	1,140.85	844.92	3.86	CC, ES
(O) South Vacuum Unit 352 - OH - OH	21,900.00	9,826.87	1,141.09	845.05	3.85	SF
(O) South Vacuum Unit 354 - OH - OH	23,443.38	9,836.26	187.95	47.57	1.34	Level 3, CC, ES, SF
(O) State Sec 27 2 - Wellbore #1 - Surveys						Out of range
(O) Swan 23 State Com 001 - OH - OH						Out of range
Chile Federal Com 221H - OH - Plan #1	9,214.28	9,200.00	2,568.86	2,503.38	39.23	CC, ES
Chile Federal Com 221H - OH - Plan #1	9,600.00	9,350.00	2,601.41	2,534.14	38.67	SF
Chile Federal Com 222H - OH - Plan #1	9,242.55	9,269.70	1,537.82	1,471.91	23.33	CC, ES
Chile Federal Com 222H - OH - Plan #1	9,500.00	9,466.39	1,554.17	1,486.77	23.06	SF
Chile Federal Com 224H - OH - Plan #1	500.00	499.70	59.99	56.57	17.55	CC, ES
Chile Federal Com 224H - OH - Plan #1	1,200.00	1,193.80	100.82	92.43	12.01	SF
Yeti State Com 221H - OH - Plan #1	408.23	428.43	2,661.09	2,658.25	938.89	CC
Yeti State Com 221H - OH - Plan #1	30,392.52	30,924.95	2,727.45	2,394.93	8.20	ES, SF
Yeti State Com 222H - OH - Plan #1	10,010.18	10,757.48	1,367.21	1,296.07	19.22	CC
Yeti State Com 222H - OH - Plan #1	30,392.52	31,138.37	1,373.74	1,039.93	4.12	ES, SF
Yeti State Com 224H - OH - Plan #1	1,200.00	1,199.90	39.99	31.55	4.74	CC, ES
Yeti State Com 224H - OH - Plan #1	30,392.52	30,418.57	1,353.79	1,021.27	4.07	SF

Offset Design: Yeti-Chile pad - (O) Blue Box Federal Com 505H - OH - OH													
Survey Program:		169-MWD OWSG Rev5										Rule Assigned:	
Reference	Offset	Semi Major Axis		Highside		Offset Wellbore Centre		Distance		Minimum Separation	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
7,000.00	6,979.92	16,968.32	9,705.88	25.15	125.65	141.64	437.81	1,386.86	3,249.19	3,148.59	100.60	32.299	
7,100.00	7,079.56	16,967.65	9,705.85	25.52	125.64	141.62	438.48	1,386.85	3,169.52	3,067.27	102.24	30.999	
7,200.00	7,179.21	16,966.99	9,705.82	25.88	125.63	141.60	439.15	1,386.85	3,091.02	2,987.05	103.98	29.728	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Blue Box Federal Com 505H - OH - OH

Survey Program: 169-MWD OWSG Rev5													Offset Site Error:	0.00 usft
Rule Assigned:													Offset Well Error:	0.00 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
7,300.00	7,278.85	16,966.32	9,705.79	26.24	125.62	141.58	439.81	1,386.84	3,013.81	2,908.00	105.80	28.486		
7,400.00	7,378.50	16,965.66	9,705.76	26.60	125.60	141.56	440.47	1,386.83	2,937.96	2,830.25	107.72	27.275		
7,500.00	7,478.14	16,965.00	9,705.73	26.97	125.59	141.54	441.13	1,386.83	2,863.60	2,753.88	109.72	26.098		
7,600.00	7,577.78	16,964.34	9,705.70	27.33	125.58	141.52	441.79	1,386.82	2,790.84	2,679.01	111.83	24.956		
7,700.00	7,677.43	16,963.69	9,705.67	27.69	125.57	141.51	442.45	1,386.82	2,719.81	2,605.78	114.03	23.852		
7,800.00	7,777.07	16,963.03	9,705.64	28.06	125.56	141.49	443.10	1,386.81	2,650.65	2,534.33	116.33	22.787		
7,900.00	7,876.72	16,962.38	9,705.61	28.42	125.55	141.47	443.75	1,386.81	2,583.52	2,464.80	118.72	21.762		
8,000.00	7,976.36	16,961.73	9,705.58	28.78	125.54	141.45	444.40	1,386.80	2,518.56	2,397.36	121.19	20.781		
8,100.00	8,076.00	16,961.09	9,705.55	29.15	125.53	141.43	445.04	1,386.79	2,455.96	2,332.20	123.76	19.845		
8,200.00	8,175.65	16,960.44	9,705.52	29.51	125.52	141.41	445.69	1,386.79	2,395.89	2,269.50	126.40	18.956		
8,300.00	8,275.29	16,959.80	9,705.49	29.87	125.51	141.39	446.33	1,386.78	2,338.57	2,209.47	129.10	18.115		
8,400.00	8,374.94	16,959.16	9,705.46	30.23	125.50	141.37	446.97	1,386.78	2,284.18	2,152.33	131.85	17.325		
8,500.00	8,474.58	16,958.52	9,705.43	30.60	125.49	141.35	447.61	1,386.77	2,232.95	2,098.32	134.63	16.586		
8,600.00	8,574.22	16,957.88	9,705.40	30.96	125.48	141.33	448.24	1,386.77	2,185.09	2,047.68	137.42	15.901		
8,700.00	8,673.87	16,957.25	9,705.37	31.32	125.47	141.32	448.87	1,386.76	2,140.84	2,000.65	140.19	15.271		
8,800.00	8,773.51	16,956.62	9,705.34	31.69	125.46	141.30	449.50	1,386.76	2,100.43	1,957.51	142.92	14.697		
8,900.00	8,873.16	16,955.99	9,705.32	32.05	125.45	141.28	450.13	1,386.75	2,064.07	1,918.50	145.56	14.180		
9,000.00	8,972.80	16,955.36	9,705.29	32.41	125.44	141.26	450.76	1,386.75	2,031.98	1,883.88	148.10	13.720		
9,100.00	9,072.44	16,954.74	9,705.26	32.78	125.43	141.24	451.38	1,386.74	2,004.38	1,853.89	150.49	13.319		
9,200.00	9,172.12	16,953.38	9,705.20	33.14	125.40	106.61	452.74	1,386.73	1,979.93	1,827.26	152.67	12.969		
9,300.00	9,271.30	16,946.57	9,704.88	33.50	125.29	92.04	459.54	1,386.68	1,955.82	1,801.29	154.53	12.657		
9,400.00	9,367.08	16,924.55	9,703.86	33.85	124.93	93.35	481.54	1,386.52	1,936.64	1,780.78	155.86	12.426		
9,500.00	9,456.50	16,884.62	9,701.96	34.18	124.28	93.65	521.42	1,386.27	1,922.92	1,766.33	156.58	12.280		
9,600.00	9,536.83	16,830.37	9,699.24	34.48	123.39	93.17	575.60	1,385.95	1,914.21	1,757.46	156.75	12.212		
9,700.00	9,605.64	16,766.72	9,696.14	34.73	122.36	92.24	639.17	1,385.68	1,909.74	1,753.28	156.45	12.206	SF	
9,800.00	9,660.83	16,687.68	9,693.27	34.93	121.07	91.01	718.17	1,385.50	1,908.37	1,752.70	155.67	12.259	ES	
9,823.26	9,671.52	16,667.01	9,692.96	34.97	120.73	90.72	738.83	1,385.44	1,908.33	1,752.91	155.43	12.278	CC	
9,900.00	9,700.73	16,595.08	9,692.51	35.11	119.56	89.86	810.76	1,385.21	1,908.61	1,754.09	154.51	12.353		
10,000.00	9,725.90	16,503.15	9,690.87	35.28	118.06	89.06	902.67	1,384.93	1,909.43	1,756.19	153.24	12.460		
10,100.00	9,742.01	16,408.99	9,688.90	35.46	116.52	88.48	996.82	1,384.97	1,910.72	1,758.83	151.89	12.580		
10,200.00	9,749.46	16,316.20	9,686.71	35.63	115.01	88.14	1,089.57	1,385.12	1,912.03	1,761.50	150.53	12.702		
10,300.00	9,750.00	16,232.62	9,684.64	35.79	113.66	88.04	1,173.12	1,385.78	1,913.77	1,764.51	149.26	12.822		
10,400.00	9,750.00	16,151.27	9,682.10	35.97	112.34	87.97	1,254.42	1,387.23	1,916.51	1,768.48	148.03	12.947		
10,500.00	9,750.00	16,061.36	9,679.07	36.17	110.89	87.88	1,344.25	1,389.53	1,920.03	1,773.32	146.71	13.087		
10,600.00	9,750.00	15,960.13	9,675.08	36.38	109.25	87.77	1,445.37	1,392.19	1,923.64	1,778.37	145.28	13.241		
10,700.00	9,750.00	15,860.41	9,671.52	36.61	107.64	87.66	1,544.99	1,394.95	1,927.40	1,783.53	143.88	13.396		
10,800.00	9,750.00	15,697.78	9,667.33	36.85	105.01	87.54	1,707.53	1,397.27	1,929.99	1,788.25	141.75	13.616		
10,900.00	9,750.00	15,601.33	9,665.98	37.10	103.45	87.51	1,803.96	1,396.87	1,930.49	1,790.07	140.42	13.748		
11,000.00	9,750.00	15,495.86	9,664.25	37.37	101.74	87.46	1,909.43	1,396.69	1,931.25	1,792.26	138.99	13.895		
11,100.00	9,750.00	15,360.03	9,663.97	37.65	99.54	87.44	2,045.22	1,393.97	1,929.91	1,792.74	137.17	14.069		
11,200.00	9,750.00	15,246.39	9,661.20	37.95	97.70	87.36	2,158.78	1,390.89	1,928.17	1,792.52	135.65	14.214		
11,300.00	9,750.00	15,144.66	9,656.05	38.26	96.05	87.20	2,260.32	1,387.41	1,925.84	1,791.52	134.31	14.339		
11,400.00	9,750.00	15,057.47	9,651.14	38.58	94.64	87.05	2,347.32	1,384.68	1,923.83	1,790.64	133.19	14.445		
11,500.00	9,750.00	14,969.08	9,646.39	38.91	93.21	86.91	2,435.56	1,382.49	1,922.48	1,790.43	132.05	14.559		
11,600.00	9,750.00	14,875.90	9,643.77	39.26	91.71	86.83	2,528.68	1,380.77	1,921.63	1,790.77	130.87	14.684		
11,700.00	9,750.00	14,774.49	9,643.53	39.62	90.08	86.82	2,630.08	1,379.19	1,920.94	1,791.35	129.59	14.823		
11,800.00	9,750.00	14,674.16	9,641.65	39.99	88.46	86.76	2,730.38	1,377.45	1,920.15	1,791.81	128.34	14.961		
11,900.00	9,750.00	14,561.40	9,637.37	40.37	86.65	86.63	2,843.02	1,375.01	1,919.06	1,792.12	126.94	15.117		
12,000.00	9,750.00	14,447.97	9,634.99	40.76	84.83	86.56	2,956.38	1,371.78	1,917.17	1,791.62	125.55	15.271		
12,100.00	9,750.00	14,346.71	9,632.62	41.16	83.21	86.48	3,057.56	1,368.56	1,914.99	1,790.66	124.32	15.403		
12,200.00	9,750.00	14,245.97	9,628.44	41.58	81.59	86.36	3,158.15	1,365.21	1,912.77	1,789.65	123.12	15.536		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Blue Box Federal Com 505H - OH - OH

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		169-MWD OWSG Rev5		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,300.00	9,750.00	14,157.62	9,624.32	42.00	80.18	86.23	3,246.36	1,362.33	1,910.68	1,788.59	122.09	15.650		
12,400.00	9,750.00	14,080.74	9,620.89	42.43	78.96	86.12	3,323.14	1,360.66	1,909.65	1,788.44	121.21	15.755		
12,432.88	9,750.00	14,055.73	9,619.89	42.58	78.56	86.09	3,348.14	1,360.33	1,909.58	1,788.66	120.93	15.791		
12,500.00	9,750.00	14,002.34	9,617.99	42.87	77.71	86.04	3,401.49	1,359.98	1,909.86	1,789.55	120.31	15.874		
12,600.00	9,750.00	13,898.89	9,614.37	43.32	76.08	85.93	3,504.87	1,359.50	1,910.49	1,791.36	119.13	16.037		
12,700.00	9,750.00	13,801.84	9,610.87	43.78	74.54	85.82	3,601.86	1,358.92	1,911.00	1,792.97	118.03	16.191		
12,800.00	9,750.00	13,719.79	9,609.48	44.25	73.25	85.78	3,683.89	1,359.13	1,912.21	1,795.09	117.12	16.327		
12,900.00	9,750.00	13,620.41	9,608.03	44.73	71.70	85.75	3,783.26	1,359.85	1,913.89	1,797.87	116.02	16.496		
13,000.00	9,750.00	13,517.27	9,605.25	45.21	70.08	85.67	3,886.36	1,360.37	1,915.43	1,800.54	114.89	16.672		
13,100.00	9,750.00	13,418.51	9,601.94	45.71	68.54	85.57	3,985.06	1,360.87	1,917.04	1,803.22	113.82	16.842		
13,200.00	9,750.00	13,317.60	9,597.86	46.21	66.98	85.45	4,085.89	1,361.15	1,918.47	1,805.73	112.74	17.017		
13,300.00	9,750.00	13,219.49	9,594.36	46.71	65.46	85.35	4,183.93	1,361.76	1,920.22	1,808.52	111.70	17.190		
13,400.00	9,750.00	13,110.34	9,589.91	47.23	63.78	85.22	4,292.99	1,361.89	1,921.51	1,810.95	110.56	17.380		
13,500.00	9,750.00	13,002.59	9,586.11	47.75	62.12	85.11	4,400.68	1,361.77	1,922.54	1,813.10	109.44	17.567		
13,600.00	9,750.00	12,898.12	9,581.93	48.28	60.52	84.99	4,505.06	1,361.15	1,923.13	1,814.77	108.37	17.747		
13,700.00	9,750.00	12,761.20	9,578.68	48.81	58.44	84.89	4,641.92	1,359.16	1,922.75	1,815.80	106.95	17.978		
13,800.00	9,750.00	12,650.35	9,576.17	49.35	56.76	84.81	4,752.69	1,356.01	1,920.95	1,815.12	105.83	18.151		
13,900.00	9,750.00	12,554.40	9,573.49	49.90	55.31	84.72	4,848.56	1,353.14	1,919.07	1,814.17	104.90	18.295		
14,000.00	9,750.00	12,455.46	9,570.94	50.45	53.83	84.64	4,947.43	1,350.45	1,917.45	1,813.50	103.94	18.447		
14,100.00	9,750.00	12,352.62	9,567.24	51.01	52.30	84.52	5,050.16	1,347.39	1,915.66	1,812.70	102.96	18.606		
14,200.00	9,750.00	12,250.25	9,563.24	51.57	50.79	84.40	5,152.40	1,344.22	1,913.79	1,811.79	102.00	18.763		
14,300.00	9,750.00	12,157.47	9,558.61	52.14	49.43	84.25	5,245.02	1,341.26	1,911.96	1,810.80	101.16	18.901		
14,395.08	9,750.00	12,092.18	9,555.78	52.69	48.49	84.17	5,310.23	1,339.74	1,911.05	1,810.44	100.60	18.996		
14,400.00	9,750.00	12,089.35	9,555.66	52.71	48.44	84.16	5,313.05	1,339.71	1,911.05	1,810.47	100.58	19.000		
14,500.00	9,750.00	12,030.99	9,553.15	53.29	47.60	84.09	5,371.36	1,339.69	1,912.28	1,812.20	100.08	19.108		
14,600.00	9,750.00	11,922.46	9,548.30	53.88	46.07	83.95	5,479.78	1,340.38	1,914.21	1,815.08	99.13	19.311		
14,700.00	9,750.00	11,845.00	9,544.86	54.46	45.00	83.85	5,557.16	1,341.13	1,916.52	1,818.06	98.47	19.464		
14,800.00	9,750.00	11,775.10	9,542.24	55.06	44.04	83.78	5,626.99	1,342.82	1,920.22	1,822.35	97.87	19.620		
14,900.00	9,750.00	11,669.11	9,539.32	55.65	42.62	83.71	5,732.87	1,346.72	1,925.04	1,828.04	97.00	19.845		
15,000.00	9,750.00	11,541.96	9,537.52	56.26	40.94	83.67	5,859.95	1,349.98	1,928.58	1,832.58	96.00	20.089		
15,100.00	9,750.00	11,422.11	9,537.82	56.86	39.40	83.69	5,979.79	1,351.84	1,930.93	1,835.84	95.09	20.307		
15,200.00	9,750.00	11,303.76	9,537.24	57.47	37.91	83.68	6,098.14	1,352.38	1,932.28	1,838.07	94.21	20.509		
15,300.00	9,750.00	11,169.32	9,537.95	58.08	36.28	83.70	6,232.56	1,351.32	1,932.28	1,839.03	93.25	20.722		
15,400.00	9,750.00	11,065.66	9,538.33	58.70	35.07	83.71	6,336.20	1,349.33	1,931.17	1,838.60	92.57	20.862		
15,500.00	9,750.00	10,979.79	9,536.83	59.32	34.11	83.66	6,422.04	1,347.80	1,930.43	1,838.38	92.05	20.971		
15,540.20	9,750.00	10,946.37	9,535.93	59.57	33.74	83.63	6,455.45	1,347.36	1,930.36	1,838.50	91.86	21.014		
15,600.00	9,750.00	10,902.00	9,534.59	59.94	33.27	83.59	6,499.80	1,346.94	1,930.53	1,838.92	91.61	21.073		
15,700.00	9,750.00	10,808.00	9,531.18	60.57	32.31	83.49	6,593.74	1,346.61	1,931.44	1,840.34	91.10	21.201		
15,800.00	9,750.00	10,721.13	9,526.98	61.20	31.47	83.37	6,680.50	1,346.76	1,932.99	1,842.32	90.67	21.319		
15,900.00	9,750.00	10,647.74	9,521.56	61.83	30.81	83.22	6,753.68	1,347.31	1,935.44	1,845.11	90.34	21.425		
16,000.00	9,750.00	10,564.16	9,513.18	62.47	30.11	82.98	6,836.83	1,348.74	1,939.18	1,849.20	89.99	21.550		
16,100.00	9,750.00	10,472.41	9,505.36	63.11	29.41	82.76	6,928.23	1,350.92	1,943.44	1,853.79	89.65	21.678		
16,200.00	9,750.00	10,384.69	9,497.37	63.75	28.79	82.54	7,015.54	1,353.34	1,948.20	1,858.82	89.38	21.797		
16,300.00	9,750.00	10,291.15	9,489.23	64.40	28.20	82.32	7,108.67	1,356.58	1,953.62	1,864.47	89.16	21.912		
16,400.00	9,750.00	10,186.30	9,483.65	65.04	27.61	82.17	7,213.29	1,360.57	1,958.95	1,869.95	89.00	22.011		
16,500.00	9,750.00	10,083.39	9,479.91	65.69	27.09	82.09	7,316.05	1,364.50	1,964.08	1,875.14	88.94	22.084		
16,600.00	9,750.00	10,004.92	9,476.42	66.35	26.76	82.00	7,394.37	1,367.62	1,969.51	1,880.56	88.95	22.141		
16,700.00	9,750.00	9,845.00	9,450.55	67.00	26.19	81.28	7,551.91	1,372.12	1,976.34	1,887.29	89.05	22.194		
16,800.00	9,750.00	9,793.03	9,436.46	67.66	26.08	80.88	7,601.92	1,371.73	1,980.80	1,891.64	89.16	22.215		
16,900.00	9,750.00	9,751.00	9,422.94	68.32	25.99	80.49	7,641.71	1,371.94	1,987.88	1,898.67	89.21	22.283		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Blue Box Federal Com 505H - OH - OH

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		169-MWD OWSG Rev5		Rule Assigned:									
Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Distance		Minimum Separation		Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	9,750.00	9,692.08	9,399.51	68.98	25.92	79.83	7,695.74	1,372.60	1,997.50	1,908.19	89.31	22.366	
17,100.00	9,750.00	9,638.92	9,373.36	69.65	25.88	79.10	7,741.99	1,373.27	2,009.90	1,920.56	89.34	22.497	
17,200.00	9,750.00	9,562.00	9,332.34	70.31	25.89	77.95	7,807.06	1,374.19	2,024.43	1,934.95	89.49	22.623	
17,300.00	9,750.00	9,503.00	9,299.58	70.98	25.93	77.04	7,856.12	1,374.97	2,040.95	1,951.38	89.57	22.787	
17,400.00	9,750.00	9,441.70	9,264.53	71.65	25.98	76.08	7,906.39	1,376.00	2,059.67	1,970.03	89.64	22.976	
17,500.00	9,750.00	9,316.59	9,184.18	72.33	26.00	73.88	8,001.90	1,374.18	2,080.00	1,990.21	89.79	23.166	
17,600.00	9,750.00	9,239.44	9,128.92	73.00	26.00	72.36	8,055.13	1,368.11	2,100.21	2,010.59	89.61	23.437	
17,700.00	9,750.00	9,216.47	9,110.88	73.68	26.02	71.86	8,069.14	1,365.78	2,124.03	2,034.72	89.30	23.784	
17,800.00	9,750.00	9,186.00	9,086.07	74.36	26.04	71.18	8,086.57	1,362.80	2,151.70	2,062.76	88.94	24.193	
17,900.00	9,750.00	9,186.00	9,086.07	75.04	26.04	71.18	8,086.57	1,362.80	2,183.02	2,094.56	88.46	24.678	
18,000.00	9,750.00	9,186.00	9,086.07	75.72	26.04	71.18	8,086.57	1,362.80	2,218.41	2,130.48	87.93	25.229	
18,100.00	9,750.00	9,186.00	9,086.07	76.40	26.04	71.18	8,086.57	1,362.80	2,257.68	2,170.32	87.36	25.843	
18,200.00	9,750.00	9,147.05	9,052.92	77.09	26.04	70.28	8,106.79	1,359.71	2,299.00	2,212.23	86.78	26.493	
18,300.00	9,750.00	9,137.48	9,044.55	77.77	26.04	70.06	8,111.38	1,359.15	2,344.50	2,258.34	86.16	27.210	
18,400.00	9,750.00	9,092.00	9,003.61	78.46	26.05	68.98	8,131.09	1,357.51	2,394.60	2,309.09	85.51	28.004	
18,500.00	9,750.00	9,092.00	9,003.61	79.15	26.05	68.98	8,131.09	1,357.51	2,445.60	2,360.72	84.88	28.812	
18,600.00	9,750.00	9,092.00	9,003.61	79.84	26.05	68.98	8,131.09	1,357.51	2,499.56	2,415.31	84.25	29.668	
18,700.00	9,750.00	9,092.00	9,003.61	80.53	26.05	68.98	8,131.09	1,357.51	2,556.30	2,472.67	83.63	30.567	
18,800.00	9,750.00	9,092.00	9,003.61	81.23	26.05	68.98	8,131.09	1,357.51	2,615.63	2,532.61	83.02	31.506	
18,900.00	9,750.00	9,092.00	9,003.61	81.92	26.05	68.98	8,131.09	1,357.51	2,677.39	2,594.96	82.43	32.482	
19,000.00	9,750.00	9,092.00	9,003.61	82.62	26.05	68.98	8,131.09	1,357.51	2,741.40	2,659.55	81.85	33.492	
19,100.00	9,750.00	9,092.00	9,003.61	83.32	26.05	68.98	8,131.09	1,357.51	2,807.51	2,726.22	81.30	34.535	
19,200.00	9,750.00	9,092.00	9,003.61	84.02	26.05	68.98	8,131.09	1,357.51	2,875.59	2,794.82	80.76	35.606	
19,300.00	9,750.00	9,050.81	8,965.38	84.72	26.12	68.00	8,146.40	1,356.96	2,944.34	2,863.93	80.41	36.616	
19,400.00	9,750.00	9,042.22	8,957.32	85.42	26.14	67.80	8,149.36	1,356.89	3,015.40	2,935.45	79.96	37.714	
19,500.00	9,750.00	9,034.09	8,949.66	86.12	26.15	67.61	8,152.09	1,356.83	3,087.97	3,008.45	79.52	38.832	
19,600.00	9,750.00	8,998.00	8,915.36	86.83	26.22	66.75	8,163.29	1,356.72	3,162.51	3,083.29	79.21	39.925	
19,700.00	9,750.00	8,998.00	8,915.36	87.53	26.22	66.75	8,163.29	1,356.72	3,237.57	3,158.78	78.79	41.090	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Fowler 001 - P&A - OH - OH

Survey Program:		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	19.20	0.00	0.00	-158.36	-1,682.62	-667.54	1,810.30				
100.00	100.00	80.80	100.00	0.28	1.49	-158.36	-1,682.62	-667.54	1,810.20	1,808.43	1.77	1,022.830	
200.00	200.00	180.80	200.00	0.63	3.34	-158.36	-1,682.62	-667.54	1,810.20	1,806.22	3.98	455.196	
300.00	300.00	280.80	300.00	0.99	5.19	-158.36	-1,682.62	-667.54	1,810.20	1,804.01	6.18	292.737	
400.00	400.00	380.80	400.00	1.35	7.04	-158.36	-1,682.62	-667.54	1,810.20	1,801.80	8.39	215.737	
470.09	470.09	450.78	469.98	1.60	8.33	-158.36	-1,682.30	-667.54	1,809.90	1,799.96	9.94	182.163	
500.00	500.00	479.26	498.46	1.71	8.86	-158.36	-1,682.31	-667.54	1,809.91	1,799.34	10.57	171.243	
600.00	600.00	574.50	593.69	2.07	10.62	-158.36	-1,682.53	-667.54	1,810.13	1,797.44	12.69	142.663	
700.00	700.00	680.82	700.00	2.43	12.59	-158.36	-1,682.62	-667.54	1,810.20	1,795.18	15.01	120.583	
800.00	800.00	780.82	800.00	2.79	14.43	-158.36	-1,682.62	-667.54	1,810.20	1,792.98	17.22	105.128	
862.50	862.50	843.29	862.47	3.01	15.59	-158.35	-1,682.08	-667.54	1,809.69	1,791.10	18.60	97.307	CC
900.00	900.00	879.71	898.89	3.14	16.26	-158.35	-1,682.09	-667.54	1,809.70	1,790.30	19.41	93.257	
1,000.00	1,000.00	976.84	996.02	3.50	18.06	-158.36	-1,682.24	-667.54	1,809.85	1,788.29	21.56	83.947	
1,100.00	1,100.00	1,073.96	1,093.14	3.86	19.85	-158.36	-1,682.55	-667.54	1,810.15	1,786.43	23.71	76.335	
1,200.00	1,200.00	1,180.83	1,200.00	4.22	21.83	-158.36	-1,682.62	-667.54	1,810.20	1,784.15	26.05	69.496	
1,300.00	1,299.98	1,280.81	1,299.98	4.57	23.68	-106.72	-1,682.62	-667.54	1,810.70	1,782.45	28.25	64.093	
1,400.00	1,399.84	1,379.61	1,398.77	4.93	25.50	-106.85	-1,682.08	-667.54	1,811.71	1,781.28	30.43	59.536	ES
1,500.00	1,499.51	1,476.45	1,495.61	5.28	27.29	-107.07	-1,682.22	-667.54	1,814.22	1,781.65	32.57	55.694	
1,600.00	1,599.15	1,573.26	1,592.42	5.64	29.08	-107.32	-1,682.52	-667.54	1,817.02	1,782.30	34.72	52.335	
1,700.00	1,698.79	1,679.65	1,698.79	5.99	31.05	-107.59	-1,682.62	-667.54	1,819.63	1,782.59	37.04	49.124	
1,800.00	1,798.44	1,772.87	1,792.02	6.35	32.77	-107.82	-1,682.56	-667.54	1,822.16	1,783.04	39.12	46.577	
1,900.00	1,898.08	1,878.94	1,898.08	6.71	34.69	-108.09	-1,682.62	-667.54	1,824.81	1,783.42	41.39	44.084	
2,000.00	1,997.73	1,978.59	1,997.73	7.07	36.48	-108.34	-1,682.62	-667.54	1,827.46	1,783.91	43.55	41.967	
2,100.00	2,097.37	2,077.34	2,096.48	7.43	38.26	-108.58	-1,682.06	-667.54	1,829.61	1,783.93	45.68	40.052	
2,200.00	2,197.01	2,174.18	2,193.32	7.78	40.00	-108.83	-1,682.18	-667.54	1,832.45	1,784.66	47.78	38.350	
2,300.00	2,296.66	2,271.01	2,290.14	8.14	41.74	-109.07	-1,682.47	-667.54	1,835.47	1,785.59	49.88	36.795	
2,400.00	2,396.30	2,377.17	2,396.30	8.50	43.66	-109.33	-1,682.62	-667.54	1,838.38	1,786.23	52.15	35.249	
2,500.00	2,495.94	2,476.82	2,495.94	8.86	45.45	-109.58	-1,682.62	-667.54	1,841.20	1,786.89	54.31	33.902	
2,600.00	2,595.59	2,576.20	2,595.33	9.22	47.24	-109.82	-1,682.34	-667.54	1,843.79	1,787.33	56.46	32.657	
2,700.00	2,695.23	2,674.35	2,693.48	9.58	49.01	-110.07	-1,682.40	-667.54	1,846.73	1,788.14	58.59	31.521	
2,800.00	2,794.88	2,772.50	2,791.63	9.94	50.78	-110.31	-1,682.54	-667.54	1,849.79	1,789.07	60.71	30.467	
2,900.00	2,894.52	2,875.40	2,894.52	10.30	52.72	-110.56	-1,682.62	-667.54	1,852.81	1,789.79	63.02	29.400	
3,000.00	2,994.16	2,975.05	2,994.16	10.66	54.66	-110.80	-1,682.62	-667.54	1,855.80	1,790.48	65.32	28.412	
3,100.00	3,093.81	3,073.46	3,092.58	11.03	56.57	-111.04	-1,682.13	-667.54	1,858.36	1,790.77	67.59	27.494	
3,200.00	3,193.45	3,169.80	3,188.92	11.39	58.45	-111.27	-1,682.29	-667.54	1,861.57	1,791.74	69.83	26.660	
3,300.00	3,293.10	3,274.02	3,293.10	11.75	60.48	-111.53	-1,682.62	-667.54	1,864.96	1,792.73	72.22	25.822	
3,400.00	3,392.74	3,373.66	3,392.74	12.11	62.54	-111.77	-1,682.62	-667.54	1,868.08	1,793.44	74.64	25.028	
3,500.00	3,492.38	3,473.31	3,492.38	12.47	64.59	-112.01	-1,682.62	-667.54	1,871.23	1,794.18	77.05	24.285	
3,600.00	3,592.03	3,570.87	3,589.94	12.83	66.60	-112.23	-1,681.45	-667.54	1,873.30	1,793.88	79.42	23.586	
3,700.00	3,691.67	3,665.05	3,684.11	13.19	68.54	-112.46	-1,681.71	-667.54	1,876.77	1,795.05	81.72	22.965	
3,800.00	3,791.32	3,759.21	3,778.26	13.56	70.48	-112.69	-1,682.24	-667.54	1,880.57	1,796.55	84.02	22.382	
3,900.00	3,890.96	3,871.97	3,890.96	13.92	72.74	-112.96	-1,682.62	-667.54	1,884.17	1,797.52	86.65	21.746	
4,000.00	3,990.60	3,971.61	3,990.60	14.28	74.69	-113.19	-1,682.62	-667.54	1,887.48	1,798.52	88.96	21.217	
4,100.00	4,090.25	4,070.28	4,089.26	14.64	76.62	-113.41	-1,681.53	-667.54	1,889.78	1,798.53	91.26	20.709	
4,200.00	4,189.89	4,163.92	4,182.90	15.00	78.46	-113.63	-1,681.74	-667.54	1,893.37	1,799.92	93.45	20.260	
4,300.00	4,289.54	4,257.54	4,276.51	15.37	80.30	-113.86	-1,682.25	-667.54	1,897.30	1,801.66	95.65	19.837	
4,400.00	4,389.18	4,370.23	4,389.18	15.73	82.47	-114.12	-1,682.62	-667.54	1,901.06	1,802.87	98.18	19.362	
4,500.00	4,488.82	4,469.87	4,488.82	16.09	84.36	-114.35	-1,682.62	-667.54	1,904.53	1,804.08	100.44	18.961	
4,600.00	4,588.47	4,569.52	4,588.47	16.45	86.26	-114.58	-1,682.62	-667.54	1,908.03	1,805.33	102.70	18.578	
4,700.00	4,688.11	4,667.12	4,686.06	16.81	88.12	-114.80	-1,682.02	-667.54	1,910.99	1,806.07	104.92	18.214	
4,800.00	4,787.75	4,764.04	4,782.99	17.18	89.96	-115.03	-1,682.20	-667.54	1,914.73	1,807.60	107.13	17.873	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Fowler 001 - P&A - OH - OH

Survey Program:		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,900.00	4,887.40	4,860.95	4,879.90	17.54	91.81	-115.25	-1,682.52	-667.54	1,918.64	1,809.31	109.33	17.549	
5,000.00	4,987.04	4,968.13	4,987.04	17.90	93.85	-115.49	-1,682.62	-667.54	1,922.35	1,810.61	111.74	17.204	
5,100.00	5,086.69	5,067.77	5,086.69	18.26	95.75	-115.72	-1,682.62	-667.54	1,926.00	1,812.00	114.00	16.895	
5,200.00	5,186.33	5,161.68	5,180.59	18.63	97.53	-115.93	-1,682.13	-667.54	1,929.22	1,813.07	116.14	16.611	
5,300.00	5,285.97	5,267.08	5,285.97	18.99	99.54	-116.17	-1,682.62	-667.54	1,933.40	1,814.88	118.52	16.313	
5,400.00	5,385.62	5,366.73	5,385.62	19.35	101.50	-116.39	-1,682.62	-667.54	1,937.14	1,816.31	120.84	16.031	
5,500.00	5,485.26	5,466.37	5,485.26	19.71	103.46	-116.61	-1,682.62	-667.54	1,940.92	1,817.76	123.15	15.760	
5,600.00	5,584.91	5,566.01	5,584.91	20.08	105.41	-116.84	-1,682.62	-667.54	1,944.72	1,819.25	125.47	15.499	
5,700.00	5,684.55	5,665.51	5,682.40	20.44	107.33	-117.05	-1,681.97	-667.54	1,947.92	1,820.17	127.75	15.248	
5,800.00	5,784.19	5,765.61	5,779.49	20.80	109.23	-117.26	-1,682.14	-667.54	1,951.95	1,821.94	130.02	15.013	
5,900.00	5,883.84	5,865.69	5,876.57	21.16	111.14	-117.48	-1,682.44	-667.54	1,956.14	1,823.86	132.28	14.788	
6,000.00	5,983.48	5,965.65	5,983.48	21.53	113.28	-117.71	-1,682.62	-667.54	1,960.22	1,825.43	134.79	14.543	
6,100.00	6,083.13	6,064.29	6,083.13	21.89	115.30	-117.93	-1,682.62	-667.54	1,964.16	1,827.00	137.17	14.319	
6,200.00	6,182.77	6,161.69	6,180.52	22.25	117.27	-118.14	-1,681.63	-667.54	1,967.17	1,827.66	139.50	14.101	
6,300.00	6,282.41	6,254.54	6,273.36	22.61	119.15	-118.34	-1,681.90	-667.54	1,971.45	1,829.71	141.74	13.909	
6,400.00	6,382.06	6,363.28	6,382.06	22.98	121.35	-118.58	-1,682.62	-667.54	1,976.17	1,831.86	144.31	13.694	
6,500.00	6,481.70	6,462.92	6,481.70	23.34	123.44	-118.79	-1,682.62	-667.54	1,980.23	1,833.47	146.76	13.493	
6,600.00	6,581.35	6,562.56	6,581.35	23.70	125.52	-119.00	-1,682.62	-667.54	1,984.31	1,835.11	149.21	13.299	
6,700.00	6,680.99	6,662.03	6,680.81	24.06	127.60	-119.21	-1,681.65	-667.54	1,987.47	1,835.82	151.65	13.106	
6,800.00	6,780.63	6,757.53	6,776.30	24.43	129.60	-119.41	-1,681.76	-667.54	1,991.72	1,837.72	154.01	12.933	
6,900.00	6,880.28	6,853.01	6,871.77	24.79	131.60	-119.62	-1,682.07	-667.54	1,996.21	1,839.85	156.36	12.766	
7,000.00	6,979.92	6,961.23	6,979.92	25.15	133.87	-119.85	-1,682.62	-667.54	2,000.93	1,841.93	159.00	12.584	
7,100.00	7,079.56	7,060.88	7,079.56	25.52	136.02	-120.05	-1,682.62	-667.54	2,005.15	1,843.63	161.52	12.414	
7,200.00	7,179.21	7,160.52	7,179.21	25.88	138.18	-120.26	-1,682.62	-667.54	2,009.40	1,845.36	164.04	12.250	
7,300.00	7,278.85	7,257.04	7,275.72	26.24	140.27	-120.46	-1,681.20	-667.54	2,012.27	1,845.78	166.49	12.087	
7,400.00	7,378.50	7,349.13	7,367.79	26.60	142.26	-120.65	-1,681.52	-667.54	2,016.91	1,848.07	168.84	11.946	
7,500.00	7,478.14	7,441.19	7,459.84	26.97	144.25	-120.84	-1,682.19	-667.54	2,021.95	1,850.77	171.19	11.811	
7,600.00	7,577.78	7,559.20	7,577.78	27.33	146.81	-121.08	-1,682.62	-667.54	2,026.65	1,852.52	174.12	11.639	
7,700.00	7,677.43	7,658.84	7,677.43	27.69	148.97	-121.29	-1,682.62	-667.54	2,031.02	1,854.37	176.65	11.497	
7,800.00	7,777.07	7,756.76	7,775.34	28.06	151.10	-121.48	-1,681.54	-667.54	2,034.36	1,855.22	179.14	11.356	
7,900.00	7,876.72	7,849.80	7,868.37	28.42	153.12	-121.67	-1,681.77	-667.54	2,039.04	1,857.52	181.52	11.233	
8,000.00	7,976.36	7,942.81	7,961.38	28.78	155.14	-121.86	-1,682.31	-667.54	2,044.06	1,860.16	183.89	11.115	
8,100.00	8,076.00	8,057.51	8,076.00	29.15	157.58	-122.09	-1,682.62	-667.54	2,048.79	1,862.08	186.71	10.973	
8,200.00	8,175.65	8,157.16	8,175.65	29.51	159.68	-122.29	-1,682.62	-667.54	2,053.29	1,864.12	189.17	10.854	
8,300.00	8,275.29	8,249.67	8,268.14	29.87	161.63	-122.47	-1,681.62	-667.54	2,056.84	1,865.36	191.48	10.742	
8,400.00	8,374.94	8,339.45	8,357.92	30.23	163.53	-122.65	-1,682.15	-667.54	2,061.98	1,868.25	193.73	10.644	
8,500.00	8,474.58	8,454.66	8,473.08	30.60	165.96	-122.88	-1,682.42	-667.54	2,066.75	1,870.22	196.53	10.516	
8,600.00	8,574.22	8,555.82	8,574.22	30.96	168.12	-123.08	-1,682.62	-667.54	2,071.55	1,872.48	199.07	10.406	
8,700.00	8,673.87	8,655.46	8,673.87	31.32	170.30	-123.27	-1,682.62	-667.54	2,076.17	1,874.57	201.60	10.298	
8,800.00	8,773.51	8,755.10	8,773.51	31.69	172.47	-123.46	-1,682.62	-667.54	2,080.82	1,876.68	204.14	10.193	
8,900.00	8,873.16	8,849.85	8,868.24	32.05	174.54	-123.64	-1,681.16	-667.54	2,084.04	1,877.48	206.57	10.089	
9,000.00	8,972.80	8,942.06	8,960.44	32.41	176.55	-123.82	-1,681.54	-667.54	2,089.15	1,880.22	208.94	9.999	
9,100.00	9,072.44	9,034.24	9,052.60	32.78	178.56	-124.00	-1,682.25	-667.54	2,094.64	1,883.34	211.30	9.913	
9,200.00	9,172.12	9,153.82	9,172.12	33.14	181.24	-124.18	-1,682.62	-667.54	2,100.58	1,886.23	214.36	9.800	
9,300.00	9,271.30	9,253.00	9,271.30	33.50	183.48	-124.36	-1,682.62	-667.54	2,112.63	1,895.68	216.95	9.738	SF
9,400.00	9,367.08	9,343.85	9,362.14	33.85	185.53	-124.54	-1,681.74	-667.54	2,139.96	1,920.61	219.36	9.756	
9,500.00	9,456.50	9,425.97	9,444.25	34.18	187.39	-124.90	-1,682.06	-667.54	2,184.68	1,963.15	221.53	9.862	
9,600.00	9,536.83	9,518.63	9,536.83	34.48	189.48	-124.38	-1,682.62	-667.54	2,244.37	2,020.45	223.93	10.023	
9,700.00	9,605.64	9,573.07	9,591.26	34.73	190.71	-123.40	-1,682.38	-667.54	2,316.38	2,090.99	225.38	10.278	
9,800.00	9,660.83	9,642.65	9,660.83	34.93	192.29	-121.78	-1,682.62	-667.54	2,399.61	2,172.45	227.15	10.564	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Fowler 001 - P&A - OH - OH

Survey Program:		302-INC-ONLY		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
9,900.00	9,700.73	9,682.55	9,700.73	35.11	193.19	-168.20	-1,682.62	-667.54	2,490.95	2,262.78	228.18	10.917	0.00 usft	
10,000.00	9,725.90	9,707.73	9,725.90	35.28	193.76	-162.59	-1,682.62	-667.54	2,587.47	2,358.65	228.82	11.308	0.00 usft	
10,100.00	9,742.01	9,723.83	9,742.01	35.46	194.13	-152.41	-1,682.62	-667.54	2,685.94	2,456.71	229.23	11.717		
10,200.00	9,749.46	9,731.28	9,749.46	35.63	194.30	-117.51	-1,682.62	-667.54	2,785.45	2,556.02	229.43	12.141		
10,300.00	9,750.00	9,731.83	9,750.00	35.79	194.31	-90.00	-1,682.62	-667.54	2,885.27	2,655.81	229.46	12.574		
10,400.00	9,750.00	9,731.83	9,750.00	35.97	194.31	-90.00	-1,682.62	-667.54	2,985.11	2,755.64	229.48	13.008		
10,500.00	9,750.00	9,731.83	9,750.00	36.17	194.31	-90.00	-1,682.62	-667.54	3,084.97	2,855.47	229.50	13.442		
10,600.00	9,750.00	9,731.83	9,750.00	36.38	194.31	-90.00	-1,682.62	-667.54	3,184.83	2,955.31	229.52	13.876		
10,700.00	9,750.00	9,731.83	9,750.00	36.61	194.31	-90.00	-1,682.62	-667.54	3,284.70	3,055.16	229.54	14.310		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Honeydew 35 State #1 - P&A - OH - OH

Survey Program: 455-INC-ONLY		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Reference Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
21,300.00	9,750.00	9,833.96	9,750.00	98.94	211.56	90.00	15,111.08	820.11	3,248.76	2,977.62	271.14	11.982	
21,400.00	9,750.00	9,833.96	9,750.00	99.66	211.56	90.00	15,111.08	820.11	3,159.81	2,887.55	272.26	11.606	
21,500.00	9,750.00	9,833.96	9,750.00	100.38	211.56	90.00	15,111.08	820.11	3,071.55	2,798.09	273.46	11.232	
21,600.00	9,750.00	9,833.96	9,750.00	101.11	211.56	90.00	15,111.08	820.11	2,984.03	2,709.30	274.73	10.862	
21,700.00	9,750.00	9,833.96	9,750.00	101.83	211.56	90.00	15,111.08	820.11	2,897.32	2,621.24	276.08	10.495	
21,800.00	9,750.00	9,833.96	9,750.00	102.55	211.56	90.00	15,111.08	820.11	2,811.48	2,533.97	277.51	10.131	
21,900.00	9,750.00	9,833.96	9,750.00	103.27	211.56	90.00	15,111.08	820.11	2,726.62	2,447.58	279.04	9.771	
22,000.00	9,750.00	9,833.96	9,750.00	104.00	211.56	90.00	15,111.08	820.11	2,642.81	2,362.15	280.66	9.416	
22,100.00	9,750.00	9,885.00	9,800.82	104.72	213.64	91.99	15,111.08	820.11	2,560.67	2,276.21	284.47	9.002	
22,200.00	9,750.00	9,885.00	9,800.82	105.45	213.64	91.99	15,111.08	820.11	2,479.32	2,193.02	286.30	8.660	
22,300.00	9,750.00	9,885.00	9,800.82	106.18	213.64	91.99	15,111.08	820.11	2,399.39	2,111.13	288.25	8.324	
22,400.00	9,750.00	9,833.96	9,750.00	106.90	211.56	90.00	15,111.08	820.11	2,320.45	2,032.21	288.24	8.050	
22,500.00	9,750.00	9,894.84	9,810.84	107.63	214.04	92.38	15,110.75	820.11	2,244.34	1,951.43	292.91	7.662	
22,600.00	9,750.00	9,877.34	9,793.36	108.36	213.33	91.70	15,111.29	820.11	2,169.58	1,875.06	294.51	7.367	
22,700.00	9,750.00	9,866.69	9,782.72	109.09	212.90	91.28	15,111.55	820.11	2,096.90	1,800.38	296.52	7.072	
22,800.00	9,750.00	9,859.52	9,775.56	109.82	212.60	91.00	15,111.69	820.11	2,026.55	1,727.76	298.78	6.783	
22,900.00	9,750.00	9,854.37	9,770.41	110.55	212.39	90.80	15,111.78	820.11	1,958.76	1,657.52	301.25	6.502	
23,000.00	9,750.00	9,850.48	9,766.53	111.28	212.24	90.65	15,111.84	820.11	1,893.84	1,589.97	303.87	6.232	
23,100.00	9,750.00	9,847.45	9,763.50	112.01	212.11	90.53	15,111.88	820.11	1,832.07	1,525.45	306.61	5.975	
23,200.00	9,750.00	9,845.02	9,761.07	112.74	212.01	90.43	15,111.90	820.11	1,773.78	1,464.34	309.45	5.732	
23,300.00	9,750.00	9,843.03	9,759.08	113.47	211.93	90.36	15,111.93	820.11	1,719.35	1,407.01	312.33	5.505	
23,400.00	9,750.00	9,841.36	9,757.41	114.20	211.86	90.29	15,111.94	820.11	1,669.13	1,353.89	315.23	5.295	
23,500.00	9,750.00	9,839.95	9,756.00	114.94	211.81	90.23	15,111.95	820.11	1,623.52	1,305.43	318.09	5.104	
23,600.00	9,750.00	9,838.74	9,754.79	115.67	211.76	90.19	15,111.96	820.11	1,582.92	1,262.08	320.85	4.934	
23,700.00	9,750.00	9,837.69	9,753.74	116.40	211.71	90.15	15,111.97	820.11	1,547.73	1,224.30	323.44	4.785	
23,800.00	9,750.00	9,836.77	9,752.82	117.14	211.68	90.11	15,111.98	820.11	1,518.32	1,192.53	325.79	4.660	
23,900.00	9,750.00	9,835.96	9,752.01	117.87	211.64	90.08	15,111.98	820.11	1,495.03	1,167.18	327.85	4.560	
24,000.00	9,750.00	9,835.24	9,751.29	118.61	211.61	90.05	15,111.99	820.11	1,478.16	1,148.62	329.54	4.486	
24,100.00	9,750.00	9,834.59	9,750.64	119.34	211.59	90.03	15,111.99	820.11	1,467.92	1,137.10	330.81	4.437	
24,200.00	9,750.00	9,834.01	9,750.06	120.08	211.56	90.00	15,111.99	820.11	1,464.44	1,132.82	331.62	4.416	
24,200.89	9,750.00	9,834.00	9,750.05	120.09	211.56	90.00	15,111.99	820.11	1,464.44	1,132.82	331.63	4.416	CC, ES, SF
24,300.00	9,750.00	9,833.48	9,749.53	120.82	211.54	89.98	15,112.00	820.11	1,467.79	1,135.83	331.96	4.422	
24,400.00	9,750.00	9,833.00	9,749.05	121.55	211.52	89.96	15,112.00	820.11	1,477.92	1,146.10	331.82	4.454	
24,500.00	9,750.00	9,832.56	9,748.61	122.29	211.50	89.95	15,112.00	820.11	1,494.68	1,163.45	331.23	4.512	
24,600.00	9,750.00	9,832.16	9,748.21	123.03	211.49	89.93	15,112.00	820.11	1,517.86	1,187.63	330.23	4.596	
24,700.00	9,750.00	9,831.79	9,747.84	123.77	211.47	89.92	15,112.01	820.11	1,547.16	1,218.30	328.86	4.705	
24,800.00	9,750.00	9,831.45	9,747.50	124.50	211.46	89.90	15,112.01	820.11	1,582.25	1,255.06	327.19	4.836	
24,900.00	9,750.00	9,831.13	9,747.18	125.24	211.45	89.89	15,112.01	820.11	1,622.76	1,297.47	325.29	4.989	
25,000.00	9,750.00	9,830.84	9,746.89	125.98	211.43	89.88	15,112.01	820.11	1,668.28	1,345.08	323.21	5.162	
25,100.00	9,750.00	9,830.56	9,746.62	126.72	211.42	89.87	15,112.01	820.11	1,718.43	1,397.42	321.00	5.353	
25,200.00	9,750.00	9,830.31	9,746.36	127.46	211.41	89.86	15,112.01	820.11	1,772.80	1,454.06	318.73	5.562	
25,300.00	9,750.00	9,830.07	9,746.12	128.20	211.40	89.85	15,112.01	820.11	1,831.02	1,514.58	316.43	5.786	
25,400.00	9,750.00	9,829.84	9,745.90	128.94	211.39	89.84	15,112.01	820.11	1,892.73	1,578.59	314.14	6.025	
25,500.00	9,750.00	9,829.63	9,745.69	129.68	211.38	89.83	15,112.01	820.11	1,957.62	1,645.73	311.89	6.277	
25,600.00	9,750.00	9,829.43	9,745.49	130.43	211.38	89.82	15,112.01	820.11	2,025.36	1,715.67	309.69	6.540	
25,700.00	9,750.00	9,829.25	9,745.30	131.17	211.37	89.82	15,112.02	820.11	2,095.69	1,788.13	307.56	6.814	
25,800.00	9,750.00	9,829.07	9,745.13	131.91	211.36	89.81	15,112.02	820.11	2,168.34	1,862.83	305.51	7.097	
25,900.00	9,750.00	9,828.90	9,744.96	132.65	211.36	89.80	15,112.02	820.11	2,243.11	1,939.55	303.56	7.389	
26,000.00	9,750.00	9,828.74	9,744.80	133.39	211.35	89.80	15,112.02	820.11	2,319.77	2,018.08	301.70	7.689	
26,100.00	9,750.00	9,828.59	9,744.65	134.14	211.34	89.79	15,112.02	820.11	2,398.16	2,098.23	299.93	7.996	
26,200.00	9,750.00	9,828.45	9,744.51	134.88	211.34	89.79	15,112.02	820.11	2,478.10	2,179.85	298.26	8.309	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Honeydew 35 State #1 - P&A - OH - OH

Offset Site Error: 0.00 usft

Survey Program: 455-INC-ONLY		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
26,300.00	9,750.00	9,828.32	9,744.37	135.62	211.33	89.78	15,112.02	820.11	2,559.46	2,262.78	296.68	8.627		
26,400.00	9,750.00	9,828.19	9,744.24	136.37	211.33	89.77	15,112.02	820.11	2,642.09	2,346.90	295.19	8.951		
26,500.00	9,750.00	9,828.06	9,744.12	137.11	211.32	89.77	15,112.02	820.11	2,725.88	2,432.10	293.78	9.279		
26,600.00	9,750.00	9,827.95	9,744.00	137.85	211.32	89.77	15,112.02	820.11	2,810.74	2,518.28	292.46	9.611		
26,700.00	9,750.00	9,827.83	9,743.89	138.60	211.31	89.76	15,112.02	820.11	2,896.56	2,605.34	291.22	9.946		
26,800.00	9,750.00	9,827.73	9,743.78	139.34	211.31	89.76	15,112.02	820.11	2,983.27	2,693.22	290.05	10.285		
26,900.00	9,750.00	9,827.62	9,743.68	140.09	211.30	89.75	15,112.02	820.11	3,070.78	2,781.83	288.96	10.627		
27,000.00	9,750.00	9,827.52	9,743.58	140.83	211.30	89.75	15,112.02	820.11	3,159.04	2,871.11	287.93	10.972		
27,100.00	9,750.00	9,827.43	9,743.48	141.58	211.30	89.75	15,112.02	820.11	3,247.98	2,961.01	286.96	11.318		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Reeves 26 003 SWD - OH - OH

Survey Program:		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
22,600.00	9,750.00	9,828.29	9,750.00	108.36	213.20	-90.00	16,752.66	-848.63	3,261.17	3,004.53	256.64	12.707	
22,700.00	9,750.00	9,828.29	9,750.00	109.09	213.20	-90.00	16,752.66	-848.63	3,161.34	2,904.57	256.77	12.312	
22,800.00	9,750.00	9,828.29	9,750.00	109.82	213.20	-90.00	16,752.66	-848.63	3,061.53	2,804.63	256.90	11.917	
22,900.00	9,750.00	9,828.29	9,750.00	110.55	213.20	-90.00	16,752.66	-848.63	2,961.73	2,704.69	257.04	11.523	
23,000.00	9,750.00	9,828.29	9,750.00	111.28	213.20	-90.00	16,752.66	-848.63	2,861.95	2,604.77	257.18	11.128	
23,100.00	9,750.00	9,828.29	9,750.00	112.01	213.20	-90.00	16,752.66	-848.63	2,762.18	2,504.86	257.32	10.734	
23,200.00	9,750.00	9,828.29	9,750.00	112.74	213.20	-90.00	16,752.66	-848.63	2,662.42	2,404.95	257.47	10.341	
23,300.00	9,750.00	9,828.29	9,750.00	113.47	213.20	-90.00	16,752.66	-848.63	2,562.69	2,305.07	257.62	9.947	
23,400.00	9,750.00	9,828.29	9,750.00	114.20	213.20	-90.00	16,752.66	-848.63	2,462.98	2,205.19	257.78	9.554	
23,500.00	9,750.00	9,828.29	9,750.00	114.94	213.20	-90.00	16,752.66	-848.63	2,363.29	2,105.34	257.95	9.162	
23,600.00	9,750.00	9,828.29	9,750.00	115.67	213.20	-90.00	16,752.66	-848.63	2,263.63	2,005.50	258.13	8.769	
23,700.00	9,750.00	9,828.29	9,750.00	116.40	213.20	-90.00	16,752.66	-848.63	2,164.00	1,905.68	258.32	8.377	
23,800.00	9,750.00	9,828.29	9,750.00	117.14	213.20	-90.00	16,752.66	-848.63	2,064.40	1,805.89	258.52	7.986	
23,900.00	9,750.00	9,828.29	9,750.00	117.87	213.20	-90.00	16,752.66	-848.63	1,964.85	1,706.12	258.73	7.594	
24,000.00	9,750.00	9,828.29	9,750.00	118.61	213.20	-90.00	16,752.66	-848.63	1,865.35	1,606.38	258.97	7.203	
24,100.00	9,750.00	9,828.29	9,750.00	119.34	213.20	-90.00	16,752.66	-848.63	1,765.90	1,506.67	259.23	6.812	
24,200.00	9,750.00	9,828.29	9,750.00	120.08	213.20	-90.00	16,752.66	-848.63	1,666.52	1,407.00	259.52	6.422	
24,300.00	9,750.00	9,828.29	9,750.00	120.82	213.20	-90.00	16,752.66	-848.63	1,567.21	1,307.37	259.84	6.031	
24,400.00	9,750.00	9,885.62	9,807.27	121.55	215.43	-106.74	16,751.11	-848.63	1,467.59	1,205.34	262.25	5.596	
24,500.00	9,750.00	9,879.83	9,801.49	122.29	215.21	-105.13	16,751.33	-848.63	1,368.56	1,106.11	262.46	5.214	
24,600.00	9,750.00	9,874.43	9,796.10	123.03	215.00	-103.61	16,751.53	-848.63	1,269.68	1,006.91	262.77	4.832	
24,700.00	9,750.00	9,869.38	9,791.05	123.77	214.80	-102.17	16,751.72	-848.63	1,170.97	907.77	263.20	4.449	
24,800.00	9,750.00	9,864.65	9,786.33	124.50	214.62	-100.81	16,751.88	-848.63	1,072.48	808.69	263.79	4.066	
24,900.00	9,750.00	9,860.22	9,781.90	125.24	214.44	-99.51	16,752.03	-848.63	974.29	709.69	264.60	3.682	
25,000.00	9,750.00	9,856.04	9,777.73	125.98	214.28	-98.29	16,752.17	-848.63	876.48	610.77	265.71	3.299	
25,100.00	9,750.00	9,852.11	9,773.80	126.72	214.13	-97.13	16,752.29	-848.63	779.22	511.95	267.27	2.915	
25,200.00	9,750.00	9,848.39	9,770.09	127.46	213.98	-96.02	16,752.40	-848.63	682.73	413.23	269.51	2.533	
25,300.00	9,750.00	9,844.88	9,766.58	128.20	213.84	-94.98	16,752.51	-848.63	587.40	314.61	272.79	2.153	
25,400.00	9,750.00	9,841.56	9,763.26	128.94	213.71	-93.99	16,752.61	-848.63	493.90	216.11	277.79	1.778	
25,500.00	9,750.00	9,838.41	9,760.11	129.68	213.59	-93.04	16,752.70	-848.63	403.51	117.87	285.64	1.413	Level 3
25,600.00	9,750.00	9,835.41	9,757.12	130.43	213.47	-92.14	16,752.78	-848.63	318.88	20.61	298.26	1.069	Level 2
25,700.00	9,750.00	9,832.57	9,754.28	131.17	213.36	-91.29	16,752.86	-848.63	246.02	-71.71	317.73	0.774	Level 1
25,800.00	9,750.00	9,829.86	9,751.57	131.91	213.26	-90.47	16,752.93	-848.63	198.39	-141.48	339.87	0.584	Level 1
25,855.92	9,750.00	9,828.40	9,750.12	132.32	213.20	-90.03	16,752.96	-848.63	190.35	-155.15	345.50	0.551	Level 1, CC, ES, SF
25,900.00	9,750.00	9,827.28	9,749.00	132.65	213.16	-89.70	16,752.99	-848.63	195.39	-147.91	343.29	0.569	Level 1
26,000.00	9,750.00	9,824.81	9,746.53	133.39	213.06	-88.96	16,753.05	-848.63	238.71	-85.72	324.43	0.736	Level 1
26,100.00	9,750.00	9,822.46	9,744.18	134.14	212.97	-88.25	16,753.11	-848.63	309.47	4.41	305.06	1.014	Level 2
26,200.00	9,750.00	9,820.21	9,741.93	134.88	212.88	-87.57	16,753.17	-848.63	393.14	101.27	291.87	1.347	Level 3
26,300.00	9,750.00	9,818.05	9,739.78	135.62	212.80	-86.93	16,753.22	-848.63	483.04	199.64	283.40	1.704	
26,400.00	9,750.00	9,815.99	9,737.72	136.37	212.72	-86.31	16,753.26	-848.63	576.27	298.40	277.87	2.074	
26,500.00	9,750.00	9,814.01	9,735.74	137.11	212.64	-85.72	16,753.31	-848.63	671.45	397.31	274.13	2.449	
26,600.00	9,750.00	9,812.11	9,733.85	137.85	212.56	-85.15	16,753.35	-848.63	767.84	496.32	271.52	2.828	
26,700.00	9,750.00	9,810.29	9,732.02	138.60	212.49	-84.61	16,753.39	-848.63	865.06	595.42	269.64	3.208	
26,800.00	9,750.00	9,808.54	9,730.27	139.34	212.43	-84.08	16,753.43	-848.63	962.83	694.59	268.25	3.589	
26,900.00	9,750.00	9,806.85	9,728.59	140.09	212.36	-83.58	16,753.46	-848.63	1,061.02	793.83	267.20	3.971	
27,000.00	9,750.00	9,805.23	9,726.97	140.83	212.30	-83.10	16,753.49	-848.63	1,159.52	893.13	266.39	4.353	
27,100.00	9,750.00	9,803.66	9,725.40	141.58	212.23	-82.64	16,753.53	-848.63	1,258.25	992.48	265.77	4.734	
27,200.00	9,750.00	9,802.15	9,723.90	142.33	212.18	-82.19	16,753.56	-848.63	1,357.16	1,091.89	265.27	5.116	
27,300.00	9,750.00	9,800.70	9,722.44	143.07	212.12	-81.76	16,753.58	-848.63	1,456.22	1,191.34	264.88	5.498	
27,400.00	9,750.00	9,799.29	9,721.04	143.82	212.06	-81.35	16,753.61	-848.63	1,555.40	1,290.83	264.57	5.879	
27,500.00	9,750.00	9,797.94	9,719.68	144.57	212.01	-80.95	16,753.64	-848.63	1,654.68	1,390.35	264.33	6.260	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) Reeves 26 003 SWD - OH - OH

Survey Program: 300-INC-ONLY		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
27,600.00	9,750.00	9,796.63	9,718.37	145.31	211.96	-80.57	16,753.66	-848.63	1,754.04	1,489.91	264.13	6.641	0.00 usft
27,700.00	9,750.00	9,795.36	9,717.11	146.06	211.91	-80.20	16,753.68	-848.63	1,853.46	1,589.49	263.98	7.021	0.00 usft
27,800.00	9,750.00	9,794.13	9,715.88	146.81	211.86	-79.84	16,753.70	-848.63	1,952.95	1,689.09	263.86	7.402	
27,900.00	9,750.00	9,792.95	9,714.69	147.55	211.82	-79.49	16,753.73	-848.63	2,052.48	1,788.71	263.76	7.782	
28,000.00	9,750.00	9,791.80	9,713.55	148.30	211.77	-79.16	16,753.74	-848.63	2,152.05	1,888.36	263.69	8.161	
28,100.00	9,750.00	9,790.68	9,712.43	149.05	211.73	-78.83	16,753.76	-848.63	2,251.66	1,988.02	263.64	8.541	
28,200.00	9,750.00	9,789.60	9,711.35	149.80	211.69	-78.52	16,753.78	-848.63	2,351.31	2,087.69	263.61	8.920	
28,300.00	9,750.00	9,788.55	9,710.30	150.55	211.65	-78.22	16,753.80	-848.63	2,450.98	2,187.38	263.60	9.298	
28,400.00	9,750.00	9,787.54	9,709.29	151.30	211.61	-77.93	16,753.82	-848.63	2,550.67	2,287.08	263.59	9.677	
28,500.00	9,750.00	9,786.55	9,708.30	152.04	211.57	-77.64	16,753.83	-848.63	2,650.39	2,386.79	263.60	10.055	
28,600.00	9,750.00	9,785.59	9,707.34	152.79	211.53	-77.37	16,753.85	-848.63	2,750.13	2,486.52	263.62	10.432	
28,700.00	9,750.00	9,784.66	9,706.41	153.54	211.49	-77.10	16,753.86	-848.63	2,849.89	2,586.25	263.64	10.810	
28,800.00	9,750.00	9,783.75	9,705.51	154.29	211.46	-76.84	16,753.87	-848.63	2,949.66	2,685.99	263.68	11.187	
28,900.00	9,750.00	9,782.87	9,704.63	155.04	211.42	-76.59	16,753.89	-848.63	3,049.45	2,785.73	263.72	11.563	
29,000.00	9,750.00	9,782.01	9,703.77	155.79	211.39	-76.35	16,753.90	-848.63	3,149.25	2,885.49	263.76	11.940	
29,100.00	9,750.00	9,781.18	9,702.94	156.54	211.36	-76.11	16,753.91	-848.63	3,249.06	2,985.25	263.82	12.316	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 351 - OH - OH													Offset Site Error:	0.00 usft
Survey Program: 3000-MWD OWSG Rev5													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,100.00	9,750.00	9,773.46	9,676.18	90.36	543.68	-72.32	14,215.18	-868.36	3,227.55	2,642.97	584.58	5.521		
20,200.00	9,750.00	9,774.95	9,677.66	91.07	543.68	-72.66	14,215.21	-868.50	3,127.85	2,543.14	584.70	5.349		
20,300.00	9,750.00	9,776.45	9,679.15	91.78	543.68	-73.01	14,215.23	-868.65	3,028.16	2,443.33	584.82	5.178		
20,400.00	9,750.00	9,777.95	9,680.65	92.50	543.68	-73.36	14,215.25	-868.79	2,928.49	2,343.54	584.95	5.006		
20,500.00	9,750.00	9,779.46	9,682.15	93.21	543.68	-73.71	14,215.28	-868.94	2,828.84	2,243.76	585.08	4.835		
20,600.00	9,750.00	9,780.97	9,683.65	93.92	543.68	-74.06	14,215.30	-869.09	2,729.22	2,144.01	585.22	4.664		
20,700.00	9,750.00	9,782.49	9,685.16	94.64	543.68	-74.41	14,215.32	-869.23	2,629.63	2,044.27	585.36	4.492		
20,800.00	9,750.00	9,784.01	9,686.67	95.35	543.69	-74.77	14,215.34	-869.38	2,530.07	1,944.56	585.51	4.321		
20,900.00	9,750.00	9,785.53	9,688.19	96.07	543.69	-75.12	14,215.37	-869.53	2,430.54	1,844.88	585.66	4.150		
21,000.00	9,750.00	9,787.06	9,689.71	96.79	543.69	-75.48	14,215.39	-869.68	2,331.05	1,745.22	585.83	3.979		
21,100.00	9,750.00	9,788.59	9,691.24	97.50	543.69	-75.85	14,215.41	-869.83	2,231.61	1,645.60	586.00	3.808		
21,200.00	9,750.00	9,790.13	9,692.77	98.22	543.69	-76.21	14,215.44	-869.98	2,132.22	1,546.02	586.19	3.637		
21,300.00	9,750.00	9,791.67	9,694.30	98.94	543.69	-76.57	14,215.46	-870.13	2,032.88	1,446.48	586.40	3.467		
21,400.00	9,750.00	9,793.22	9,695.84	99.66	543.69	-76.94	14,215.49	-870.28	1,933.62	1,346.99	586.62	3.296		
21,500.00	9,750.00	9,794.77	9,697.38	100.38	543.69	-77.31	14,215.51	-870.43	1,834.43	1,247.56	586.87	3.126		
21,600.00	9,750.00	9,796.33	9,698.93	101.11	543.69	-77.68	14,215.53	-870.59	1,735.33	1,148.19	587.15	2.956		
21,700.00	9,750.00	9,797.89	9,700.49	101.83	543.69	-78.05	14,215.56	-870.74	1,636.35	1,048.89	587.46	2.785		
21,800.00	9,750.00	9,799.45	9,702.04	102.55	543.69	-78.42	14,215.58	-870.89	1,537.49	949.67	587.81	2.616		
21,900.00	9,750.00	9,801.02	9,703.60	103.27	543.69	-78.80	14,215.61	-871.05	1,438.79	850.56	588.23	2.446		
22,000.00	9,750.00	9,802.60	9,705.17	104.00	543.69	-79.17	14,215.63	-871.20	1,340.28	751.56	588.72	2.277		
22,100.00	9,750.00	9,804.18	9,706.74	104.72	543.70	-79.55	14,215.65	-871.36	1,242.00	652.70	589.30	2.108		
22,200.00	9,750.00	9,805.76	9,708.32	105.45	543.70	-79.93	14,215.68	-871.52	1,144.02	554.00	590.02	1.939		
22,300.00	9,750.00	9,807.35	9,709.90	106.18	543.70	-80.31	14,215.70	-871.67	1,046.42	455.50	590.92	1.771		
22,400.00	9,750.00	9,808.94	9,711.48	106.90	543.70	-80.69	14,215.73	-871.83	949.32	357.26	592.06	1.603		
22,500.00	9,750.00	9,810.54	9,713.07	107.63	543.70	-81.08	14,215.75	-871.99	852.89	259.32	593.56	1.437	Level 3	
22,600.00	9,750.00	9,812.14	9,714.67	108.36	543.70	-81.46	14,215.78	-872.15	757.37	161.80	595.57	1.272	Level 3	
22,700.00	9,750.00	9,813.75	9,716.27	109.09	543.70	-81.85	14,215.80	-872.31	663.18	64.83	598.35	1.108	Level 2	
22,800.00	9,750.00	9,815.36	9,717.87	109.82	543.70	-82.24	14,215.83	-872.47	570.96	-31.31	602.27	0.948	Level 1	
22,900.00	9,750.00	9,816.98	9,719.48	110.55	543.70	-82.63	14,215.85	-872.63	481.85	-126.13	607.98	0.793	Level 1	
23,000.00	9,750.00	9,818.60	9,721.09	111.28	543.70	-83.02	14,215.88	-872.79	397.94	-218.43	616.37	0.646	Level 1	
23,100.00	9,750.00	9,820.23	9,722.71	112.01	543.70	-83.41	14,215.91	-872.95	323.31	-305.09	628.40	0.515	Level 1	
23,200.00	9,750.00	9,821.86	9,724.34	112.74	543.70	-83.80	14,215.93	-873.12	265.89	-377.41	643.30	0.413	Level 1	
23,300.00	9,750.00	9,823.50	9,725.96	113.47	543.70	-84.20	14,215.96	-873.28	238.45	-415.73	654.18	0.365	Level 1	
23,319.21	9,750.00	9,823.81	9,726.28	113.61	543.70	-84.27	14,215.96	-873.31	237.68	-417.15	654.83	0.363	Level 1, CC, ES, SF	
23,400.00	9,750.00	9,825.14	9,727.60	114.20	543.71	-84.59	14,215.98	-873.44	251.03	-400.35	651.38	0.385	Level 1	
23,500.00	9,750.00	9,826.78	9,729.23	114.94	543.71	-84.99	14,216.01	-873.61	298.61	-340.35	638.96	0.467	Level 1	
23,600.00	9,750.00	9,830.00	9,732.44	115.67	543.71	-85.76	14,216.06	-873.93	367.85	-258.73	626.58	0.587	Level 1	
23,700.00	9,750.00	9,830.09	9,732.53	116.40	543.71	-85.79	14,216.06	-873.94	448.83	-168.23	617.06	0.727	Level 1	
23,800.00	9,750.00	9,831.78	9,734.21	117.14	543.71	-86.19	14,216.09	-874.11	536.27	-74.20	610.47	0.878	Level 1	
23,900.00	9,750.00	9,833.48	9,735.90	117.87	543.71	-86.60	14,216.12	-874.28	627.47	21.60	605.87	1.036	Level 2	
24,000.00	9,750.00	9,835.19	9,737.60	118.61	543.71	-87.01	14,216.14	-874.45	721.00	118.40	602.60	1.196	Level 2	
24,100.00	9,750.00	9,836.91	9,739.30	119.34	543.71	-87.42	14,216.17	-874.62	816.06	215.82	600.24	1.360	Level 3	
24,200.00	9,750.00	9,838.63	9,741.02	120.08	543.71	-87.84	14,216.20	-874.80	912.18	313.68	598.50	1.524		
24,300.00	9,750.00	9,840.36	9,742.74	120.82	543.71	-88.25	14,216.23	-874.97	1,009.04	411.86	597.19	1.690		
24,400.00	9,750.00	9,842.10	9,744.47	121.55	543.71	-88.67	14,216.25	-875.14	1,106.47	510.28	596.19	1.856		
24,500.00	9,750.00	9,843.84	9,746.21	122.29	543.71	-89.09	14,216.28	-875.32	1,204.31	608.89	595.42	2.023		
24,600.00	9,750.00	9,845.60	9,747.95	123.03	543.72	-89.51	14,216.31	-875.50	1,302.48	707.66	594.82	2.190		
24,700.00	9,750.00	9,847.36	9,749.71	123.77	543.72	-89.93	14,216.34	-875.67	1,400.90	806.56	594.35	2.357		
24,800.00	9,750.00	9,849.13	9,751.47	124.50	543.72	-90.35	14,216.37	-875.85	1,499.54	905.56	593.98	2.525		
24,900.00	9,750.00	9,850.91	9,753.24	125.24	543.72	-90.77	14,216.40	-876.03	1,598.34	1,004.65	593.68	2.692		
25,000.00	9,750.00	9,852.70	9,755.01	125.98	543.72	-91.20	14,216.43	-876.21	1,697.28	1,103.82	593.46	2.860		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 351 - OH - OH

Survey Program:		3000-MWD OWSG Rev5		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
25,100.00	9,750.00	9,854.49	9,756.80	126.72	543.72	-91.63	14,216.46	-876.39	1,796.33	1,203.05	593.28	3.028	0.00 usft	
25,200.00	9,750.00	9,856.30	9,758.59	127.46	543.72	-92.05	14,216.49	-876.57	1,895.48	1,302.34	593.14	3.196	0.00 usft	
25,300.00	9,750.00	9,858.11	9,760.40	128.20	543.72	-92.48	14,216.52	-876.75	1,994.72	1,401.68	593.04	3.364		
25,400.00	9,750.00	9,859.93	9,762.21	128.94	543.72	-92.91	14,216.55	-876.93	2,094.02	1,501.06	592.96	3.531		
25,500.00	9,750.00	9,861.76	9,764.03	129.68	543.72	-93.34	14,216.58	-877.12	2,193.39	1,600.48	592.91	3.699		
25,600.00	9,750.00	9,863.60	9,765.86	130.43	543.72	-93.77	14,216.61	-877.30	2,292.81	1,699.93	592.88	3.867		
25,700.00	9,750.00	9,865.44	9,767.69	131.17	543.73	-94.20	14,216.64	-877.49	2,392.28	1,799.41	592.87	4.035		
25,800.00	9,750.00	9,867.30	9,769.54	131.91	543.73	-94.64	14,216.67	-877.67	2,491.79	1,898.92	592.87	4.203		
25,900.00	9,750.00	9,869.16	9,771.39	132.65	543.73	-95.07	14,216.70	-877.86	2,591.34	1,998.45	592.89	4.371		
26,000.00	9,750.00	9,871.03	9,773.26	133.39	543.73	-95.51	14,216.73	-878.05	2,690.92	2,098.00	592.91	4.538		
26,100.00	9,750.00	9,872.92	9,775.13	134.14	543.73	-95.94	14,216.76	-878.24	2,790.52	2,197.57	592.95	4.706		
26,200.00	9,750.00	9,874.81	9,777.01	134.88	543.73	-96.38	14,216.79	-878.43	2,890.16	2,297.16	592.99	4.874		
26,300.00	9,750.00	9,876.71	9,778.90	135.62	543.73	-96.82	14,216.83	-878.62	2,989.81	2,396.77	593.05	5.041		
26,400.00	9,750.00	9,878.62	9,780.80	136.37	543.73	-97.25	14,216.86	-878.81	3,089.49	2,496.39	593.10	5.209		
26,500.00	9,750.00	9,880.53	9,782.71	137.11	543.73	-97.69	14,216.89	-879.00	3,189.19	2,596.02	593.17	5.377		
26,600.00	9,750.00	9,882.46	9,784.62	137.85	543.73	-98.13	14,216.92	-879.20	3,288.90	2,695.66	593.24	5.544		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 352 - OH - OH

Survey Program:		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
18,800.00	9,750.00	9,826.87	9,750.00	81.23	192.85	90.00	12,784.89	516.18	3,281.16	3,040.61	240.55	13.640	
18,900.00	9,750.00	9,826.87	9,750.00	81.92	192.85	90.00	12,784.89	516.18	3,187.58	2,946.41	241.18	13.217	
19,000.00	9,750.00	9,826.87	9,750.00	82.62	192.85	90.00	12,784.89	516.18	3,094.42	2,852.57	241.85	12.795	
19,100.00	9,750.00	9,826.87	9,750.00	83.32	192.85	90.00	12,784.89	516.18	3,001.69	2,759.11	242.57	12.374	
19,200.00	9,750.00	9,826.87	9,750.00	84.02	192.85	90.00	12,784.89	516.18	2,909.44	2,666.09	243.35	11.956	
19,300.00	9,750.00	9,826.87	9,750.00	84.72	192.85	90.00	12,784.89	516.18	2,817.72	2,573.53	244.19	11.539	
19,400.00	9,750.00	9,826.87	9,750.00	85.42	192.85	90.00	12,784.89	516.18	2,726.58	2,481.49	245.09	11.125	
19,500.00	9,750.00	9,826.87	9,750.00	86.12	192.85	90.00	12,784.89	516.18	2,636.09	2,390.03	246.06	10.713	
19,600.00	9,750.00	9,826.87	9,750.00	86.83	192.85	90.00	12,784.89	516.18	2,546.31	2,299.19	247.11	10.304	
19,700.00	9,750.00	9,826.87	9,750.00	87.53	192.85	90.00	12,784.89	516.18	2,457.32	2,209.06	248.25	9.898	
19,800.00	9,750.00	9,826.87	9,750.00	88.24	192.85	90.00	12,784.89	516.18	2,369.20	2,119.72	249.48	9.496	
19,900.00	9,750.00	9,826.87	9,750.00	88.94	192.85	90.00	12,784.89	516.18	2,282.07	2,031.25	250.82	9.098	
20,000.00	9,750.00	9,826.87	9,750.00	89.65	192.85	90.00	12,784.89	516.18	2,196.03	1,943.76	252.27	8.705	
20,100.00	9,750.00	9,826.87	9,750.00	90.36	192.85	90.00	12,784.89	516.18	2,111.22	1,857.38	253.84	8.317	
20,200.00	9,750.00	9,826.87	9,750.00	91.07	192.85	90.00	12,784.89	516.18	2,027.80	1,772.26	255.54	7.935	
20,300.00	9,750.00	9,826.87	9,750.00	91.78	192.85	90.00	12,784.89	516.18	1,945.94	1,688.55	257.39	7.560	
20,400.00	9,750.00	9,826.87	9,750.00	92.50	192.85	90.00	12,784.89	516.18	1,865.85	1,606.46	259.39	7.193	
20,500.00	9,750.00	9,826.87	9,750.00	93.21	192.85	90.00	12,784.89	516.18	1,787.77	1,526.22	261.55	6.835	
20,600.00	9,750.00	9,826.87	9,750.00	93.92	192.85	90.00	12,784.89	516.18	1,711.96	1,448.09	263.88	6.488	
20,700.00	9,750.00	9,826.87	9,750.00	94.64	192.85	90.00	12,784.89	516.18	1,638.76	1,372.39	266.37	6.152	
20,800.00	9,750.00	9,826.87	9,750.00	95.35	192.85	90.00	12,784.89	516.18	1,568.52	1,299.48	269.03	5.830	
20,900.00	9,750.00	9,826.87	9,750.00	96.07	192.85	90.00	12,784.89	516.18	1,501.65	1,229.80	271.85	5.524	
21,000.00	9,750.00	9,826.87	9,750.00	96.79	192.85	90.00	12,784.89	516.18	1,438.64	1,163.83	274.80	5.235	
21,100.00	9,750.00	9,826.87	9,750.00	97.50	192.85	90.00	12,784.89	516.18	1,380.00	1,102.14	277.85	4.967	
21,200.00	9,750.00	9,826.87	9,750.00	98.22	192.85	90.00	12,784.89	516.18	1,326.31	1,045.36	280.95	4.721	
21,300.00	9,750.00	9,826.87	9,750.00	98.94	192.85	90.00	12,784.89	516.18	1,278.21	994.19	284.01	4.501	
21,400.00	9,750.00	9,826.87	9,750.00	99.66	192.85	90.00	12,784.89	516.18	1,236.34	949.37	286.96	4.308	
21,500.00	9,750.00	9,826.87	9,750.00	100.38	192.85	90.00	12,784.89	516.18	1,201.35	911.67	289.68	4.147	
21,600.00	9,750.00	9,826.87	9,750.00	101.11	192.85	90.00	12,784.89	516.18	1,173.86	881.80	292.06	4.019	
21,700.00	9,750.00	9,826.87	9,750.00	101.83	192.85	90.00	12,784.89	516.18	1,154.41	860.44	293.97	3.927	
21,800.00	9,750.00	9,826.87	9,750.00	102.55	192.85	90.00	12,784.89	516.18	1,143.41	848.09	295.32	3.872	
21,876.43	9,750.00	9,826.87	9,750.00	103.10	192.85	90.00	12,784.89	516.18	1,140.85	844.92	295.93	3.855	CC, ES
21,900.00	9,750.00	9,826.87	9,750.00	103.27	192.85	90.00	12,784.89	516.18	1,141.09	845.05	296.04	3.854	SF
22,000.00	9,750.00	9,826.87	9,750.00	104.00	192.85	90.00	12,784.89	516.18	1,147.52	851.41	296.11	3.875	
22,100.00	9,750.00	9,826.87	9,750.00	104.72	192.85	90.00	12,784.89	516.18	1,162.55	867.01	295.54	3.934	
22,200.00	9,750.00	9,826.87	9,750.00	105.45	192.85	90.00	12,784.89	516.18	1,185.85	891.44	294.41	4.028	
22,300.00	9,750.00	9,826.87	9,750.00	106.18	192.85	90.00	12,784.89	516.18	1,216.94	924.15	292.79	4.156	
22,400.00	9,750.00	9,826.87	9,750.00	106.90	192.85	90.00	12,784.89	516.18	1,255.25	964.44	290.82	4.316	
22,500.00	9,750.00	9,826.87	9,750.00	107.63	192.85	90.00	12,784.89	516.18	1,300.14	1,011.57	288.58	4.505	
22,600.00	9,750.00	9,826.87	9,750.00	108.36	192.85	90.00	12,784.89	516.18	1,350.96	1,064.77	286.19	4.721	
22,700.00	9,750.00	9,826.87	9,750.00	109.09	192.85	90.00	12,784.89	516.18	1,407.05	1,123.33	283.73	4.959	
22,800.00	9,750.00	9,826.87	9,750.00	109.82	192.85	90.00	12,784.89	516.18	1,467.83	1,186.56	281.26	5.219	
22,900.00	9,750.00	9,826.87	9,750.00	110.55	192.85	90.00	12,784.89	516.18	1,532.72	1,253.87	278.85	5.496	
23,000.00	9,750.00	9,826.87	9,750.00	111.28	192.85	90.00	12,784.89	516.18	1,601.23	1,324.70	276.53	5.790	
23,100.00	9,750.00	9,826.87	9,750.00	112.01	192.85	90.00	12,784.89	516.18	1,672.92	1,398.60	274.32	6.098	
23,200.00	9,750.00	9,826.87	9,750.00	112.74	192.85	90.00	12,784.89	516.18	1,747.39	1,475.16	272.23	6.419	
23,300.00	9,750.00	9,826.87	9,750.00	113.47	192.85	90.00	12,784.89	516.18	1,824.30	1,554.03	270.27	6.750	
23,400.00	9,750.00	9,826.87	9,750.00	114.20	192.85	90.00	12,784.89	516.18	1,903.36	1,634.91	268.45	7.090	
23,500.00	9,750.00	9,826.87	9,750.00	114.94	192.85	90.00	12,784.89	516.18	1,984.32	1,717.56	266.76	7.439	
23,600.00	9,750.00	9,826.87	9,750.00	115.67	192.85	90.00	12,784.89	516.18	2,066.94	1,801.75	265.19	7.794	
23,700.00	9,750.00	9,826.87	9,750.00	116.40	192.85	90.00	12,784.89	516.18	2,151.03	1,887.29	263.74	8.156	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 352 - OH - OH

Survey Program:		175-INC-ONLY		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
23,800.00	9,750.00	9,826.87	9,750.00	117.14	192.85	90.00	12,784.89	516.18	2,236.44	1,974.03	262.40	8.523	0.00 usft	
23,900.00	9,750.00	9,826.87	9,750.00	117.87	192.85	90.00	12,784.89	516.18	2,323.01	2,061.84	261.17	8.895	0.00 usft	
24,000.00	9,750.00	9,826.87	9,750.00	118.61	192.85	90.00	12,784.89	516.18	2,410.62	2,150.58	260.04	9.270		
24,100.00	9,750.00	9,826.87	9,750.00	119.34	192.85	90.00	12,784.89	516.18	2,499.16	2,240.16	258.99	9.650		
24,200.00	9,750.00	9,826.87	9,750.00	120.08	192.85	90.00	12,784.89	516.18	2,588.53	2,330.50	258.03	10.032		
24,300.00	9,750.00	9,826.87	9,750.00	120.82	192.85	90.00	12,784.89	516.18	2,678.66	2,421.51	257.15	10.417		
24,400.00	9,750.00	9,826.87	9,750.00	121.55	192.85	90.00	12,784.89	516.18	2,769.46	2,513.13	256.34	10.804		
24,500.00	9,750.00	9,826.87	9,750.00	122.29	192.85	90.00	12,784.89	516.18	2,860.88	2,605.29	255.59	11.193		
24,600.00	9,750.00	9,826.87	9,750.00	123.03	192.85	90.00	12,784.89	516.18	2,952.86	2,697.96	254.90	11.584		
24,700.00	9,750.00	9,826.87	9,750.00	123.77	192.85	90.00	12,784.89	516.18	3,045.34	2,791.07	254.27	11.977		
24,800.00	9,750.00	9,826.87	9,750.00	124.50	192.85	90.00	12,784.89	516.18	3,138.28	2,884.59	253.68	12.371		
24,900.00	9,750.00	9,826.87	9,750.00	125.24	192.85	90.00	12,784.89	516.18	3,231.64	2,978.49	253.15	12.766		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 354 - OH - OH **Offset Site Error:** 0.00 usft

Survey Program:		200-NS-GYRO-MS		Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
20,200.00	9,750.00	9,836.26	9,750.00	91.07	25.87	90.00	14,343.72	-449.94	3,248.82	3,181.57	67.25	48.312					
20,300.00	9,750.00	9,836.26	9,750.00	91.78	25.87	90.00	14,343.72	-449.94	3,148.99	3,081.62	67.37	46.739					
20,400.00	9,750.00	9,836.26	9,750.00	92.50	25.87	90.00	14,343.72	-449.94	3,049.18	2,981.67	67.51	45.169					
20,500.00	9,750.00	9,836.26	9,750.00	93.21	25.87	90.00	14,343.72	-449.94	2,949.37	2,881.73	67.64	43.603					
20,600.00	9,750.00	9,836.26	9,750.00	93.92	25.87	90.00	14,343.72	-449.94	2,849.58	2,781.80	67.78	42.041					
20,700.00	9,750.00	9,836.26	9,750.00	94.64	25.87	90.00	14,343.72	-449.94	2,749.81	2,681.88	67.92	40.483					
20,800.00	9,750.00	9,836.26	9,750.00	95.35	25.87	90.00	14,343.72	-449.94	2,650.05	2,581.98	68.07	38.929					
20,900.00	9,750.00	9,836.26	9,750.00	96.07	25.87	90.00	14,343.72	-449.94	2,550.31	2,482.08	68.23	37.378					
21,000.00	9,750.00	9,836.26	9,750.00	96.79	25.87	90.00	14,343.72	-449.94	2,450.60	2,382.20	68.39	35.830					
21,100.00	9,750.00	9,836.26	9,750.00	97.50	25.87	90.00	14,343.72	-449.94	2,350.90	2,282.34	68.57	34.287					
21,200.00	9,750.00	9,836.26	9,750.00	98.22	25.87	90.00	14,343.72	-449.94	2,251.24	2,182.49	68.75	32.746					
21,300.00	9,750.00	9,836.26	9,750.00	98.94	25.87	90.00	14,343.72	-449.94	2,151.60	2,082.66	68.94	31.209					
21,400.00	9,750.00	9,836.26	9,750.00	99.66	25.87	90.00	14,343.72	-449.94	2,052.00	1,982.86	69.15	29.676					
21,500.00	9,750.00	9,836.26	9,750.00	100.38	25.87	90.00	14,343.72	-449.94	1,952.45	1,883.08	69.37	28.146					
21,600.00	9,750.00	9,836.26	9,750.00	101.11	25.87	90.00	14,343.72	-449.94	1,852.94	1,783.33	69.61	26.619					
21,700.00	9,750.00	9,836.26	9,750.00	101.83	25.87	90.00	14,343.72	-449.94	1,753.48	1,683.61	69.87	25.095					
21,800.00	9,750.00	9,836.26	9,750.00	102.55	25.87	90.00	14,343.72	-449.94	1,654.09	1,583.92	70.17	23.574					
21,900.00	9,750.00	9,836.26	9,750.00	103.27	25.87	90.00	14,343.72	-449.94	1,554.78	1,484.29	70.49	22.055					
22,000.00	9,750.00	9,836.26	9,750.00	104.00	25.87	90.00	14,343.72	-449.94	1,455.56	1,384.70	70.87	20.539					
22,100.00	9,750.00	9,836.26	9,750.00	104.72	25.87	90.00	14,343.72	-449.94	1,356.46	1,285.17	71.30	19.026					
22,200.00	9,750.00	9,836.26	9,750.00	105.45	25.87	90.00	14,343.72	-449.94	1,257.50	1,185.70	71.80	17.514					
22,300.00	9,750.00	9,836.26	9,750.00	106.18	25.87	90.00	14,343.72	-449.94	1,158.72	1,086.32	72.40	16.004					
22,400.00	9,750.00	9,836.26	9,750.00	106.90	25.87	90.00	14,343.72	-449.94	1,060.17	987.04	73.14	14.496					
22,500.00	9,750.00	9,836.26	9,750.00	107.63	25.87	90.00	14,343.72	-449.94	961.92	887.87	74.05	12.990					
22,600.00	9,750.00	9,836.26	9,750.00	108.36	25.87	90.00	14,343.72	-449.94	864.07	788.84	75.23	11.486					
22,700.00	9,750.00	9,836.26	9,750.00	109.09	25.87	90.00	14,343.72	-449.94	766.77	689.98	76.79	9.986					
22,800.00	9,750.00	9,836.26	9,750.00	109.82	25.87	90.00	14,343.72	-449.94	670.27	591.35	78.92	8.493					
22,900.00	9,750.00	9,836.26	9,750.00	110.55	25.87	90.00	14,343.72	-449.94	574.96	493.01	81.96	7.016					
23,000.00	9,750.00	9,836.26	9,750.00	111.28	25.87	90.00	14,343.72	-449.94	481.57	395.11	86.46	5.570					
23,100.00	9,750.00	9,836.26	9,750.00	112.01	25.87	90.00	14,343.72	-449.94	391.45	298.03	93.42	4.190					
23,200.00	9,750.00	9,836.26	9,750.00	112.74	25.87	90.00	14,343.72	-449.94	307.50	203.02	104.48	2.943					
23,300.00	9,750.00	9,836.26	9,750.00	113.47	25.87	90.00	14,343.72	-449.94	236.39	115.26	121.13	1.952					
23,400.00	9,750.00	9,836.26	9,750.00	114.20	25.87	90.00	14,343.72	-449.94	192.89	54.86	138.03	1.397	Level 3				
23,443.38	9,750.00	9,836.26	9,750.00	114.52	25.87	90.00	14,343.72	-449.94	187.95	47.57	140.38	1.339	Level 3, CC, ES, SF				
23,500.00	9,750.00	9,836.26	9,750.00	114.94	25.87	90.00	14,343.72	-449.94	196.29	60.23	136.06	1.443	Level 3				
23,600.00	9,750.00	9,836.26	9,750.00	115.67	25.87	90.00	14,343.72	-449.94	244.65	126.75	117.90	2.075					
23,700.00	9,750.00	9,836.26	9,750.00	116.40	25.87	90.00	14,343.72	-449.94	318.09	216.10	101.99	3.119					
23,800.00	9,750.00	9,836.26	9,750.00	117.14	25.87	90.00	14,343.72	-449.94	403.12	311.32	91.79	4.392					
23,900.00	9,750.00	9,836.26	9,750.00	117.87	25.87	90.00	14,343.72	-449.94	493.79	408.27	85.52	5.774					
24,000.00	9,750.00	9,836.26	9,750.00	118.61	25.87	90.00	14,343.72	-449.94	587.50	505.93	81.57	7.203					
24,100.00	9,750.00	9,836.26	9,750.00	119.34	25.87	90.00	14,343.72	-449.94	682.99	604.00	78.99	8.646					
24,200.00	9,750.00	9,836.26	9,750.00	120.08	25.87	90.00	14,343.72	-449.94	779.62	702.35	77.27	10.090					
24,300.00	9,750.00	9,836.26	9,750.00	120.82	25.87	90.00	14,343.72	-449.94	877.00	800.92	76.08	11.528					
24,400.00	9,750.00	9,836.26	9,750.00	121.55	25.87	90.00	14,343.72	-449.94	974.91	899.67	75.24	12.958					
24,500.00	9,750.00	9,836.26	9,750.00	122.29	25.87	90.00	14,343.72	-449.94	1,073.21	998.57	74.64	14.379					
24,600.00	9,750.00	9,836.26	9,750.00	123.03	25.87	90.00	14,343.72	-449.94	1,171.79	1,097.59	74.21	15.791					
24,700.00	9,750.00	9,836.26	9,750.00	123.77	25.87	90.00	14,343.72	-449.94	1,270.60	1,196.70	73.89	17.195					
24,800.00	9,750.00	9,836.26	9,750.00	124.50	25.87	90.00	14,343.72	-449.94	1,369.58	1,295.91	73.67	18.590					
24,900.00	9,750.00	9,836.26	9,750.00	125.24	25.87	90.00	14,343.72	-449.94	1,468.70	1,395.18	73.52	19.977					
25,000.00	9,750.00	9,836.26	9,750.00	125.98	25.87	90.00	14,343.72	-449.94	1,567.93	1,494.51	73.41	21.357					
25,100.00	9,750.00	9,836.26	9,750.00	126.72	25.87	90.00	14,343.72	-449.94	1,667.25	1,593.90	73.35	22.730					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - (O) South Vacuum Unit 354 - OH - OH

Survey Program:		200-NS-GYRO-MS		Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Offset Site Error:	Offset Well Error:	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	0.00 usft	0.00 usft			
25,200.00	9,750.00	9,836.26	9,750.00	127.46	25.87	90.00	14,343.72	-449.94	1,766.65	1,693.33	73.32	24.097					
25,300.00	9,750.00	9,836.26	9,750.00	128.20	25.87	90.00	14,343.72	-449.94	1,866.11	1,792.80	73.31	25.456					
25,400.00	9,750.00	9,836.26	9,750.00	128.94	25.87	90.00	14,343.72	-449.94	1,965.63	1,892.31	73.32	26.810					
25,500.00	9,750.00	9,836.26	9,750.00	129.68	25.87	90.00	14,343.72	-449.94	2,065.19	1,991.85	73.35	28.157					
25,600.00	9,750.00	9,836.26	9,750.00	130.43	25.87	90.00	14,343.72	-449.94	2,164.80	2,091.41	73.39	29.498					
25,700.00	9,750.00	9,836.26	9,750.00	131.17	25.87	90.00	14,343.72	-449.94	2,264.43	2,190.99	73.44	30.834					
25,800.00	9,750.00	9,836.26	9,750.00	131.91	25.87	90.00	14,343.72	-449.94	2,364.10	2,290.60	73.50	32.164					
25,900.00	9,750.00	9,836.26	9,750.00	132.65	25.87	90.00	14,343.72	-449.94	2,463.80	2,390.23	73.57	33.488					
26,000.00	9,750.00	9,836.26	9,750.00	133.39	25.87	90.00	14,343.72	-449.94	2,563.52	2,489.87	73.65	34.807					
26,100.00	9,750.00	9,836.26	9,750.00	134.14	25.87	90.00	14,343.72	-449.94	2,663.26	2,589.53	73.73	36.121					
26,200.00	9,750.00	9,836.26	9,750.00	134.88	25.87	90.00	14,343.72	-449.94	2,763.02	2,689.20	73.82	37.429					
26,300.00	9,750.00	9,836.26	9,750.00	135.62	25.87	90.00	14,343.72	-449.94	2,862.80	2,788.88	73.91	38.732					
26,400.00	9,750.00	9,836.26	9,750.00	136.37	25.87	90.00	14,343.72	-449.94	2,962.59	2,888.58	74.01	40.030					
26,500.00	9,750.00	9,836.26	9,750.00	137.11	25.87	90.00	14,343.72	-449.94	3,062.39	2,988.28	74.11	41.322					
26,600.00	9,750.00	9,836.26	9,750.00	137.85	25.87	90.00	14,343.72	-449.94	3,162.21	3,088.00	74.21	42.610					
26,700.00	9,750.00	9,836.26	9,750.00	138.60	25.87	90.00	14,343.72	-449.94	3,262.04	3,187.72	74.32	43.893					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 221H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Rule Assigned:													Offset Well Error:	0.00 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning	
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
0.00	0.00	20.10	0.00	0.00	0.06	-84.42	257.03	-2,628.67	2,641.21					
100.00	100.00	120.10	100.00	0.28	0.35	-84.42	257.03	-2,628.67	2,641.21	2,640.58	0.62	4,232.027		
200.00	200.00	220.10	200.00	0.63	0.71	-84.42	257.03	-2,628.67	2,641.21	2,639.87	1.34	1,969.517		
300.00	300.00	320.10	300.00	0.99	1.07	-84.42	257.03	-2,628.67	2,641.21	2,639.15	2.06	1,283.394		
400.00	400.00	420.10	400.00	1.35	1.42	-84.42	257.03	-2,628.67	2,641.21	2,638.43	2.77	951.810		
408.28	408.28	428.38	408.28	1.38	1.45	-84.42	257.03	-2,628.67	2,641.21	2,638.37	2.83	931.873		
500.00	500.00	500.00	479.90	1.71	1.71	-84.42	257.03	-2,628.67	2,641.28	2,637.86	3.42	772.325		
600.00	600.00	563.34	543.23	2.07	1.93	-84.42	256.93	-2,629.36	2,642.50	2,638.50	4.00	660.688		
700.00	700.00	600.00	579.88	2.43	2.06	-84.42	256.78	-2,630.40	2,645.63	2,641.15	4.49	589.867		
800.00	800.00	668.64	648.45	2.79	2.30	-84.44	256.33	-2,633.58	2,650.37	2,645.29	5.08	521.949		
900.00	900.00	700.00	679.74	3.14	2.41	-84.45	256.05	-2,635.58	2,657.13	2,651.59	5.54	479.760		
1,000.00	1,000.00	773.50	752.98	3.50	2.66	-84.48	255.20	-2,641.59	2,665.36	2,659.21	6.15	433.525		
1,100.00	1,100.00	849.08	828.16	3.86	2.93	-84.52	254.11	-2,649.29	2,675.29	2,668.52	6.77	395.396		
1,200.00	1,200.00	948.53	927.07	4.22	3.28	-84.57	252.65	-2,659.57	2,685.45	2,677.98	7.47	359.302		
1,300.00	1,299.98	1,048.09	1,026.09	4.57	3.64	-32.87	251.19	-2,669.87	2,694.16	2,685.98	8.18	329.306		
1,400.00	1,399.84	1,147.78	1,125.23	4.93	4.00	-32.92	249.72	-2,680.19	2,699.95	2,691.06	8.89	303.872		
1,500.00	1,499.51	1,247.49	1,224.39	5.28	4.36	-33.05	248.26	-2,690.50	2,703.32	2,693.72	9.59	281.753		
1,600.00	1,599.15	1,347.19	1,323.55	5.64	4.72	-33.20	246.80	-2,700.82	2,706.45	2,696.14	10.31	262.579		
1,700.00	1,698.79	1,446.90	1,422.71	5.99	5.08	-33.34	245.34	-2,711.13	2,709.60	2,698.58	11.02	245.845		
1,800.00	1,798.44	1,546.61	1,521.87	6.35	5.44	-33.49	243.87	-2,721.45	2,712.77	2,701.03	11.74	231.120		
1,900.00	1,898.08	1,646.31	1,621.03	6.71	5.80	-33.64	242.41	-2,731.76	2,715.96	2,703.50	12.45	218.067		
2,000.00	1,997.73	1,746.02	1,720.19	7.07	6.16	-33.78	240.95	-2,742.08	2,719.16	2,705.99	13.17	206.420		
2,100.00	2,097.37	1,845.72	1,819.35	7.43	6.53	-33.93	239.49	-2,752.39	2,722.39	2,708.49	13.89	195.967		
2,200.00	2,197.01	1,945.43	1,918.51	7.78	6.89	-34.08	238.02	-2,762.71	2,725.63	2,711.01	14.61	186.534		
2,300.00	2,296.66	2,045.14	2,017.67	8.14	7.25	-34.22	236.56	-2,773.02	2,728.88	2,713.55	15.33	177.980		
2,400.00	2,396.30	2,144.84	2,116.83	8.50	7.62	-34.37	235.10	-2,783.34	2,732.16	2,716.11	16.05	170.190		
2,500.00	2,495.94	2,244.55	2,215.99	8.86	7.98	-34.51	233.63	-2,793.65	2,735.45	2,718.68	16.78	163.066		
2,600.00	2,595.59	2,344.26	2,315.15	9.22	8.35	-34.65	232.17	-2,803.97	2,738.76	2,721.27	17.50	156.526		
2,700.00	2,695.23	2,443.96	2,414.31	9.58	8.71	-34.80	230.71	-2,814.28	2,742.09	2,723.87	18.22	150.503		
2,800.00	2,794.88	2,543.67	2,513.47	9.94	9.07	-34.94	229.25	-2,824.60	2,745.44	2,726.50	18.94	144.938		
2,900.00	2,894.52	2,643.37	2,612.64	10.30	9.44	-35.09	227.78	-2,834.91	2,748.80	2,729.14	19.67	139.781		
3,000.00	2,994.16	2,743.08	2,711.80	10.66	9.80	-35.23	226.32	-2,845.23	2,752.18	2,731.79	20.39	134.988		
3,100.00	3,093.81	2,842.79	2,810.96	11.03	10.17	-35.37	224.86	-2,855.54	2,755.58	2,734.47	21.11	130.524		
3,200.00	3,193.45	2,942.49	2,910.12	11.39	10.53	-35.51	223.40	-2,865.86	2,758.99	2,737.16	21.84	126.354		
3,300.00	3,293.10	3,042.20	3,009.28	11.75	10.90	-35.66	221.93	-2,876.17	2,762.42	2,739.86	22.56	122.453		
3,400.00	3,392.74	3,141.90	3,108.44	12.11	11.26	-35.80	220.47	-2,886.48	2,765.87	2,742.59	23.28	118.793		
3,500.00	3,492.38	3,241.61	3,207.60	12.47	11.63	-35.94	219.01	-2,896.80	2,769.34	2,745.33	24.01	115.355		
3,600.00	3,592.03	3,341.32	3,306.76	12.83	11.99	-36.08	217.54	-2,907.11	2,772.82	2,748.09	24.73	112.117		
3,700.00	3,691.67	3,441.02	3,405.92	13.19	12.36	-36.22	216.08	-2,917.43	2,776.32	2,750.86	25.46	109.065		
3,800.00	3,791.32	3,540.73	3,505.08	13.56	12.72	-36.36	214.62	-2,927.74	2,779.83	2,753.65	26.18	106.181		
3,900.00	3,890.96	3,640.43	3,604.24	13.92	13.09	-36.50	213.16	-2,938.06	2,783.36	2,756.46	26.90	103.453		
4,000.00	3,990.60	3,740.14	3,703.40	14.28	13.45	-36.64	211.69	-2,948.37	2,786.91	2,759.28	27.63	100.868		
4,100.00	4,090.25	3,839.85	3,802.56	14.64	13.82	-36.78	210.23	-2,958.69	2,790.48	2,762.12	28.35	98.416		
4,200.00	4,189.89	3,939.55	3,901.72	15.00	14.18	-36.92	208.77	-2,969.00	2,794.06	2,764.98	29.08	96.087		
4,300.00	4,289.54	4,039.26	4,000.88	15.37	14.55	-37.06	207.31	-2,979.32	2,797.66	2,767.85	29.80	93.871		
4,400.00	4,389.18	4,138.97	4,100.04	15.73	14.91	-37.19	205.84	-2,989.63	2,801.27	2,770.74	30.53	91.760		
4,500.00	4,488.82	4,238.67	4,199.20	16.09	15.28	-37.33	204.38	-2,999.95	2,804.90	2,773.65	31.25	89.748		
4,600.00	4,588.47	4,338.38	4,298.36	16.45	15.65	-37.47	202.92	-3,010.26	2,808.55	2,776.57	31.98	87.828		
4,700.00	4,688.11	4,438.08	4,397.52	16.81	16.01	-37.61	201.45	-3,020.58	2,812.21	2,779.51	32.70	85.993		
4,800.00	4,787.75	4,537.79	4,496.68	17.18	16.38	-37.74	199.99	-3,030.89	2,815.89	2,782.46	33.43	84.238		
4,900.00	4,887.40	4,637.50	4,595.84	17.54	16.74	-37.88	198.53	-3,041.21	2,819.58	2,785.43	34.15	82.558		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 221H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	+N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	Offset Well Error:
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			(usft)
5,000.00	4,987.04	4,737.20	4,695.00	17.90	17.11	-38.01	197.07	-3,051.52	2,823.30	2,788.42	34.88	80.948		0.00 usft
5,100.00	5,086.69	4,836.91	4,794.16	18.26	17.47	-38.15	195.60	-3,061.84	2,827.02	2,791.42	35.60	79.404		0.00 usft
5,200.00	5,186.33	5,229.71	5,186.33	18.63	18.86	-38.62	193.16	-3,079.07	2,822.48	2,785.19	37.29	75.681		0.00 usft
5,300.00	5,285.97	5,329.36	5,285.97	18.99	19.20	-38.72	193.16	-3,079.07	2,815.89	2,777.90	37.99	74.125		0.00 usft
5,400.00	5,385.62	5,429.00	5,385.62	19.35	19.54	-38.83	193.16	-3,079.07	2,809.31	2,770.62	38.68	72.623		0.00 usft
5,500.00	5,485.26	5,528.65	5,485.26	19.71	19.87	-38.94	193.16	-3,079.07	2,802.73	2,763.35	39.38	71.173		0.00 usft
5,600.00	5,584.91	5,628.29	5,584.91	20.08	20.21	-39.05	193.16	-3,079.07	2,796.17	2,756.09	40.08	69.772		0.00 usft
5,700.00	5,684.55	5,727.93	5,684.55	20.44	20.55	-39.16	193.16	-3,079.07	2,789.62	2,748.85	40.77	68.418		0.00 usft
5,800.00	5,784.19	5,827.58	5,784.19	20.80	20.89	-39.27	193.16	-3,079.07	2,783.08	2,741.60	41.47	67.109		0.00 usft
5,900.00	5,883.84	5,927.22	5,883.84	21.16	21.23	-39.38	193.16	-3,079.07	2,776.54	2,734.37	42.17	65.842		0.00 usft
6,000.00	5,983.48	6,026.86	5,983.48	21.53	21.57	-39.49	193.16	-3,079.07	2,770.02	2,727.15	42.87	64.616		0.00 usft
6,100.00	6,083.13	6,126.51	6,083.13	21.89	21.91	-39.60	193.16	-3,079.07	2,763.51	2,719.94	43.57	63.429		0.00 usft
6,200.00	6,182.77	6,226.15	6,182.77	22.25	22.25	-39.71	193.16	-3,079.07	2,757.01	2,712.74	44.27	62.278		0.00 usft
6,300.00	6,282.41	6,325.80	6,282.41	22.61	22.59	-39.82	193.16	-3,079.07	2,750.52	2,705.55	44.97	61.163		0.00 usft
6,400.00	6,382.06	6,425.44	6,382.06	22.98	22.93	-39.93	193.16	-3,079.07	2,744.04	2,698.37	45.67	60.082		0.00 usft
6,500.00	6,481.70	6,525.08	6,481.70	23.34	23.28	-40.05	193.16	-3,079.07	2,737.57	2,691.20	46.37	59.033		0.00 usft
6,600.00	6,581.35	6,624.73	6,581.35	23.70	23.62	-40.16	193.16	-3,079.07	2,731.11	2,684.03	47.08	58.015		0.00 usft
6,700.00	6,680.99	6,724.37	6,680.99	24.06	23.96	-40.27	193.16	-3,079.07	2,724.66	2,676.88	47.78	57.026		0.00 usft
6,800.00	6,780.63	6,824.02	6,780.63	24.43	24.31	-40.39	193.16	-3,079.07	2,718.23	2,669.74	48.48	56.066		0.00 usft
6,900.00	6,880.28	6,923.66	6,880.28	24.79	24.65	-40.50	193.16	-3,079.07	2,711.80	2,662.61	49.19	55.133		0.00 usft
7,000.00	6,979.92	7,023.30	6,979.92	25.15	25.00	-40.62	193.16	-3,079.07	2,705.38	2,655.49	49.89	54.226		0.00 usft
7,100.00	7,079.56	7,122.95	7,079.56	25.52	25.34	-40.74	193.16	-3,079.07	2,698.98	2,648.38	50.60	53.345		0.00 usft
7,200.00	7,179.21	7,222.59	7,179.21	25.88	25.69	-40.85	193.16	-3,079.07	2,692.59	2,641.29	51.30	52.487		0.00 usft
7,300.00	7,278.85	7,322.24	7,278.85	26.24	26.03	-40.97	193.16	-3,079.07	2,686.21	2,634.20	52.01	51.652		0.00 usft
7,400.00	7,378.50	7,421.88	7,378.50	26.60	26.38	-41.09	193.16	-3,079.07	2,679.83	2,627.12	52.71	50.840		0.00 usft
7,500.00	7,478.14	7,521.52	7,478.14	26.97	26.73	-41.21	193.16	-3,079.07	2,673.48	2,620.06	53.42	50.049		0.00 usft
7,600.00	7,577.78	7,621.17	7,577.78	27.33	27.07	-41.33	193.16	-3,079.07	2,667.13	2,613.01	54.12	49.279		0.00 usft
7,700.00	7,677.43	7,720.81	7,677.43	27.69	27.42	-41.45	193.16	-3,079.07	2,660.79	2,605.96	54.83	48.528		0.00 usft
7,800.00	7,777.07	7,820.46	7,777.07	28.06	27.77	-41.57	193.16	-3,079.07	2,654.47	2,598.93	55.54	47.797		0.00 usft
7,900.00	7,876.72	7,920.10	7,876.72	28.42	28.12	-41.69	193.16	-3,079.07	2,648.16	2,591.91	56.24	47.083		0.00 usft
8,000.00	7,976.36	8,019.74	7,976.36	28.78	28.46	-41.81	193.16	-3,079.07	2,641.86	2,584.90	56.95	46.388		0.00 usft
8,100.00	8,076.00	8,119.39	8,076.00	29.15	28.81	-41.93	193.16	-3,079.07	2,635.57	2,577.91	57.66	45.709		0.00 usft
8,200.00	8,175.65	8,219.03	8,175.65	29.51	29.16	-42.05	193.16	-3,079.07	2,629.29	2,570.92	58.37	45.047		0.00 usft
8,300.00	8,275.29	8,318.67	8,275.29	29.87	29.51	-42.18	193.16	-3,079.07	2,623.03	2,563.95	59.08	44.401		0.00 usft
8,400.00	8,374.94	8,418.32	8,374.94	30.23	29.86	-42.30	193.16	-3,079.07	2,616.77	2,556.99	59.78	43.771		0.00 usft
8,500.00	8,474.58	8,517.96	8,474.58	30.60	30.21	-42.42	193.16	-3,079.07	2,610.53	2,550.04	60.49	43.155		0.00 usft
8,600.00	8,574.22	8,617.61	8,574.22	30.96	30.56	-42.55	193.16	-3,079.07	2,604.30	2,543.10	61.20	42.553		0.00 usft
8,700.00	8,673.87	8,717.25	8,673.87	31.32	30.91	-42.67	193.16	-3,079.07	2,598.09	2,536.18	61.91	41.965		0.00 usft
8,800.00	8,773.51	8,816.89	8,773.51	31.69	31.26	-42.80	193.16	-3,079.07	2,591.89	2,529.27	62.62	41.391		0.00 usft
8,900.00	8,873.16	8,916.54	8,873.16	32.05	31.61	-42.93	193.16	-3,079.07	2,585.70	2,522.37	63.33	40.829		0.00 usft
9,000.00	8,972.80	9,016.18	8,972.80	32.41	31.96	-43.05	193.16	-3,079.07	2,579.52	2,515.48	64.04	40.281		0.00 usft
9,100.00	9,072.44	9,115.83	9,072.44	32.78	32.31	-43.18	193.16	-3,079.07	2,573.35	2,508.61	64.75	39.744		0.00 usft
9,200.00	9,172.12	9,200.00	9,156.61	33.14	32.60	-78.27	192.84	-3,079.12	2,568.93	2,503.52	65.42	39.271		0.00 usft
9,214.28	9,186.34	9,200.00	9,156.61	33.19	32.60	-83.02	192.84	-3,079.12	2,568.86	2,503.38	65.48	39.232	CC, ES	0.00 usft
9,300.00	9,271.30	9,250.00	9,206.45	33.50	32.77	-94.40	189.04	-3,079.73	2,571.23	2,505.26	65.97	38.976		0.00 usft
9,400.00	9,367.08	9,286.20	9,242.22	33.85	32.89	-94.13	183.61	-3,080.60	2,577.38	2,510.93	66.45	38.785		0.00 usft
9,500.00	9,456.50	9,320.96	9,276.19	34.18	33.00	-93.61	176.32	-3,081.77	2,587.37	2,520.48	66.89	38.680		0.00 usft
9,600.00	9,536.83	9,350.00	9,304.17	34.48	33.10	-92.70	168.67	-3,082.99	2,601.41	2,534.14	67.27	38.672	SF	0.00 usft
9,700.00	9,605.64	9,350.00	9,304.17	34.73	33.10	-90.84	168.67	-3,082.99	2,619.62	2,552.13	67.48	38.818		0.00 usft
9,800.00	9,660.83	9,374.33	9,327.29	34.93	33.18	-89.11	161.19	-3,084.19	2,641.42	2,573.65	67.77	38.974		0.00 usft

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 221H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
9,900.00	9,700.73	9,376.97	9,329.78	35.11	33.18	-86.57	160.32	-3,084.33	2,666.59	2,598.64	67.94	39.247		
10,000.00	9,725.90	9,374.29	9,327.25	35.28	33.17	-84.57	161.21	-3,084.19	2,694.38	2,626.30	68.08	39.579		
10,100.00	9,742.01	9,369.08	9,322.33	35.46	33.16	-82.88	162.89	-3,083.92	2,724.72	2,656.53	68.20	39.954		
10,200.00	9,749.46	9,350.00	9,304.17	35.63	33.10	-80.77	168.67	-3,082.99	2,757.38	2,689.13	68.25	40.402		
10,300.00	9,750.00	9,350.00	9,304.17	35.79	33.10	-80.14	168.67	-3,082.99	2,792.03	2,723.62	68.40	40.818		
10,400.00	9,750.00	9,350.00	9,304.17	35.97	33.10	-80.14	168.67	-3,082.99	2,829.70	2,761.13	68.57	41.269		
10,500.00	9,750.00	9,350.00	9,304.17	36.17	33.10	-80.14	168.67	-3,082.99	2,870.36	2,801.62	68.74	41.758		
10,600.00	9,750.00	9,350.00	9,304.17	36.38	33.10	-80.14	168.67	-3,082.99	2,913.89	2,844.97	68.91	42.283		
10,700.00	9,750.00	9,326.05	9,281.12	36.61	33.02	-79.64	175.08	-3,081.97	2,959.74	2,890.77	68.97	42.910		
10,800.00	9,750.00	9,320.47	9,275.71	36.85	33.00	-79.52	176.43	-3,081.75	3,008.39	2,939.26	69.13	43.517		
10,900.00	9,750.00	9,300.00	9,255.76	37.10	32.93	-79.08	180.96	-3,081.02	3,059.68	2,990.46	69.21	44.206		
11,000.00	9,750.00	9,300.00	9,255.76	37.37	32.93	-79.08	180.96	-3,081.02	3,113.03	3,043.63	69.40	44.856		
11,100.00	9,750.00	9,300.00	9,255.76	37.65	32.93	-79.08	180.96	-3,081.02	3,168.64	3,099.05	69.59	45.535		
11,200.00	9,750.00	9,300.00	9,255.76	37.95	32.93	-79.08	180.96	-3,081.02	3,226.39	3,156.62	69.77	46.243		
11,300.00	9,750.00	9,300.00	9,255.76	38.26	32.93	-79.08	180.96	-3,081.02	3,286.17	3,216.22	69.95	46.978		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 222H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning
Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation		
Depth	Depth	Depth	Depth	(usft)	(usft)	Toolface	(usft)	(usft)	Centres	Ellipses	Separation	Factor		
(usft)	(usft)	(usft)	(usft)			(°)			(usft)	(usft)	(usft)			
0.00	0.00	19.60	0.00	0.00	0.05	-84.32	257.36	-2,588.67	2,601.43					
100.00	100.00	119.60	100.00	0.28	0.35	-84.32	257.36	-2,588.67	2,601.43	2,600.81	0.62	4,180.301		
200.00	200.00	219.60	200.00	0.63	0.70	-84.32	257.36	-2,588.67	2,601.43	2,600.09	1.34	1,942.454		
300.00	300.00	319.60	300.00	0.99	1.06	-84.32	257.36	-2,588.67	2,601.43	2,599.38	2.06	1,265.169		
400.00	400.00	419.60	400.00	1.35	1.42	-84.32	257.36	-2,588.67	2,601.43	2,598.66	2.77	938.083		
500.00	500.00	712.81	693.01	1.71	2.45	-84.32	256.60	-2,580.81	2,600.70	2,596.54	4.16	625.302		
600.00	600.00	891.42	870.77	2.07	3.08	-84.32	254.92	-2,563.54	2,590.37	2,585.23	5.14	504.164		
700.00	700.00	990.87	969.68	2.43	3.43	-84.32	253.91	-2,553.19	2,579.92	2,574.07	5.85	441.363		
800.00	800.00	1,090.32	1,068.58	2.79	3.79	-84.32	252.90	-2,542.85	2,569.47	2,562.91	6.56	391.967		
900.00	900.00	1,189.78	1,167.49	3.14	4.15	-84.32	251.90	-2,532.50	2,559.01	2,551.75	7.27	352.141		
1,000.00	1,000.00	1,289.23	1,266.40	3.50	4.51	-84.32	250.89	-2,522.15	2,548.56	2,540.58	7.98	319.346		
1,100.00	1,100.00	1,388.68	1,365.31	3.86	4.87	-84.32	249.89	-2,511.80	2,538.11	2,529.41	8.70	291.899		
1,200.00	1,200.00	1,488.13	1,464.21	4.22	5.23	-84.32	248.88	-2,501.46	2,527.66	2,518.24	9.41	268.596		
1,300.00	1,299.98	1,587.41	1,562.95	4.57	5.59	-32.79	247.88	-2,491.13	2,515.74	2,505.62	10.12	248.493		
1,400.00	1,399.84	1,686.26	1,661.26	4.93	5.95	-33.02	246.88	-2,480.84	2,500.92	2,490.09	10.83	230.831		
1,500.00	1,499.51	1,784.67	1,759.13	5.28	6.30	-33.20	245.88	-2,470.61	2,483.71	2,472.17	11.54	215.176		
1,600.00	1,599.15	1,883.03	1,856.95	5.64	6.66	-33.31	244.89	-2,460.37	2,466.25	2,454.01	12.25	201.369		
1,700.00	1,698.79	1,981.38	1,954.76	5.99	7.02	-33.42	243.89	-2,450.14	2,448.80	2,435.85	12.95	189.044		
1,800.00	1,798.44	2,079.74	2,052.58	6.35	7.38	-33.53	242.90	-2,439.91	2,431.36	2,417.70	13.66	177.979		
1,900.00	1,898.08	2,178.10	2,150.40	6.71	7.74	-33.64	241.90	-2,429.67	2,413.93	2,399.56	14.37	167.992		
2,000.00	1,997.73	2,276.45	2,248.22	7.07	8.10	-33.75	240.91	-2,419.44	2,396.51	2,381.43	15.08	158.935		
2,100.00	2,097.37	2,374.81	2,346.04	7.43	8.45	-33.87	239.91	-2,409.21	2,379.10	2,363.31	15.79	150.685		
2,200.00	2,197.01	2,473.17	2,443.85	7.78	8.81	-33.99	238.92	-2,398.98	2,361.69	2,345.19	16.50	143.139		
2,300.00	2,296.66	2,571.52	2,541.67	8.14	9.17	-34.11	237.92	-2,388.74	2,344.30	2,327.09	17.21	136.213		
2,400.00	2,396.30	2,669.88	2,639.49	8.50	9.53	-34.23	236.93	-2,378.51	2,326.92	2,308.99	17.92	129.834		
2,500.00	2,495.94	2,768.24	2,737.31	8.86	9.89	-34.35	235.93	-2,368.28	2,309.54	2,290.91	18.63	123.939		
2,600.00	2,595.59	2,866.60	2,835.13	9.22	10.25	-34.48	234.94	-2,358.04	2,292.18	2,272.83	19.35	118.477		
2,700.00	2,695.23	2,964.95	2,932.94	9.58	10.61	-34.60	233.94	-2,347.81	2,274.83	2,254.77	20.06	113.401		
2,800.00	2,794.88	3,063.31	3,030.76	9.94	10.97	-34.73	232.95	-2,337.58	2,257.49	2,236.72	20.77	108.672		
2,900.00	2,894.52	3,161.67	3,128.58	10.30	11.33	-34.86	231.95	-2,327.34	2,240.16	2,218.67	21.49	104.256		
3,000.00	2,994.16	3,260.02	3,226.40	10.66	11.69	-34.99	230.96	-2,317.11	2,222.84	2,200.64	22.20	100.123		
3,100.00	3,093.81	3,358.38	3,324.22	11.03	12.05	-35.13	229.96	-2,306.88	2,205.53	2,182.62	22.92	96.248		
3,200.00	3,193.45	3,456.74	3,422.03	11.39	12.41	-35.27	228.97	-2,296.65	2,188.24	2,164.61	23.63	92.606		
3,300.00	3,293.10	3,555.09	3,519.85	11.75	12.77	-35.41	227.97	-2,286.41	2,170.96	2,146.61	24.34	89.177		
3,400.00	3,392.74	3,653.45	3,617.67	12.11	13.13	-35.55	226.98	-2,276.18	2,153.69	2,128.63	25.06	85.944		
3,500.00	3,492.38	3,751.81	3,715.49	12.47	13.49	-35.69	225.98	-2,265.95	2,136.43	2,110.66	25.77	82.890		
3,600.00	3,592.03	3,850.16	3,813.31	12.83	13.85	-35.84	224.99	-2,255.71	2,119.19	2,092.70	26.49	80.001		
3,700.00	3,691.67	3,948.52	3,911.13	13.19	14.21	-35.99	223.99	-2,245.48	2,101.96	2,074.76	27.20	77.264		
3,800.00	3,791.32	4,046.88	4,008.94	13.56	14.57	-36.14	223.00	-2,235.25	2,084.75	2,056.83	27.92	74.667		
3,900.00	3,890.96	4,145.24	4,106.76	13.92	14.93	-36.29	222.00	-2,225.02	2,067.55	2,038.91	28.64	72.200		
4,000.00	3,990.60	4,243.59	4,204.58	14.28	15.29	-36.45	221.01	-2,214.78	2,050.36	2,021.01	29.35	69.854		
4,100.00	4,090.25	4,341.95	4,302.40	14.64	15.65	-36.60	220.01	-2,204.55	2,033.19	2,003.12	30.07	67.619		
4,200.00	4,189.89	4,440.31	4,400.22	15.00	16.01	-36.76	219.02	-2,194.32	2,016.03	1,985.25	30.78	65.489		
4,300.00	4,289.54	4,538.66	4,498.03	15.37	16.37	-36.93	218.02	-2,184.08	1,998.89	1,967.39	31.50	63.456		
4,400.00	4,389.18	4,637.02	4,595.85	15.73	16.73	-37.10	217.03	-2,173.85	1,981.77	1,949.55	32.22	61.513		
4,500.00	4,488.82	4,735.38	4,693.67	16.09	17.09	-37.27	216.03	-2,163.62	1,964.66	1,931.73	32.93	59.655		
4,600.00	4,588.47	4,833.73	4,791.49	16.45	17.45	-37.44	215.04	-2,153.38	1,947.57	1,913.92	33.65	57.877		
4,700.00	4,688.11	4,932.09	4,889.31	16.81	17.81	-37.61	214.04	-2,143.15	1,930.50	1,896.13	34.37	56.173		
4,800.00	4,787.75	5,030.45	4,987.12	17.18	18.17	-37.79	213.05	-2,132.92	1,913.44	1,878.36	35.08	54.539		
4,900.00	4,887.40	5,128.81	5,084.94	17.54	18.53	-37.97	212.05	-2,122.69	1,896.41	1,860.60	35.80	52.971		
5,000.00	4,987.04	5,227.16	5,182.76	17.90	18.89	-38.16	211.06	-2,112.45	1,879.39	1,842.87	36.52	51.464		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 222H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical Offset	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
5,100.00	5,086.69	5,325.52	5,280.58	18.26	19.25	-38.35	210.06	-2,102.22	1,862.39	1,825.16	37.24	50.017	
5,200.00	5,186.33	5,423.88	5,378.40	18.63	19.61	-38.54	209.07	-2,091.99	1,845.41	1,807.46	37.95	48.624	
5,300.00	5,285.97	5,522.23	5,476.22	18.99	19.97	-38.74	208.07	-2,081.75	1,828.46	1,789.79	38.67	47.283	
5,400.00	5,385.62	5,620.59	5,574.03	19.35	20.33	-38.94	207.08	-2,071.52	1,811.52	1,772.13	39.39	45.992	
5,500.00	5,485.26	5,718.95	5,671.85	19.71	20.69	-39.14	206.08	-2,061.29	1,794.61	1,754.50	40.11	44.747	
5,600.00	5,584.91	5,787.09	5,739.67	20.08	20.94	-39.28	205.43	-2,054.61	1,778.39	1,737.63	40.75	43.637	
5,700.00	5,684.55	5,848.29	5,800.68	20.44	21.16	-39.40	204.98	-2,049.93	1,764.24	1,722.87	41.37	42.643	
5,800.00	5,784.19	5,900.00	5,852.31	20.80	21.35	-39.51	204.69	-2,046.98	1,752.26	1,710.31	41.95	41.774	
5,900.00	5,883.84	5,971.71	5,923.97	21.16	21.60	-39.64	204.44	-2,044.44	1,742.34	1,699.77	42.57	40.933	
6,000.00	5,983.48	6,038.15	5,990.40	21.53	21.83	-39.76	204.37	-2,043.67	1,734.62	1,691.47	43.15	40.198	
6,100.00	6,083.13	6,130.87	6,083.13	21.89	22.15	-39.93	204.37	-2,043.67	1,728.13	1,684.31	43.82	39.437	
6,200.00	6,182.77	6,230.52	6,182.77	22.25	22.48	-40.11	204.37	-2,043.67	1,721.66	1,677.15	44.52	38.676	
6,300.00	6,282.41	6,330.16	6,282.41	22.61	22.82	-40.29	204.37	-2,043.67	1,715.21	1,670.00	45.21	37.938	
6,400.00	6,382.06	6,429.81	6,382.06	22.98	23.15	-40.47	204.37	-2,043.67	1,708.78	1,662.87	45.91	37.223	
6,500.00	6,481.70	6,529.45	6,481.70	23.34	23.49	-40.66	204.37	-2,043.67	1,702.36	1,655.76	46.60	36.528	
6,600.00	6,581.35	6,629.09	6,581.35	23.70	23.83	-40.84	204.37	-2,043.67	1,695.97	1,648.67	47.30	35.855	
6,700.00	6,680.99	6,728.74	6,680.99	24.06	24.17	-41.03	204.37	-2,043.67	1,689.59	1,641.59	48.00	35.200	
6,800.00	6,780.63	6,828.38	6,780.63	24.43	24.51	-41.22	204.37	-2,043.67	1,683.23	1,634.53	48.70	34.565	
6,900.00	6,880.28	6,928.03	6,880.28	24.79	24.85	-41.41	204.37	-2,043.67	1,676.88	1,627.49	49.40	33.947	
7,000.00	6,979.92	7,027.67	6,979.92	25.15	25.19	-41.60	204.37	-2,043.67	1,670.56	1,620.46	50.10	33.346	
7,100.00	7,079.56	7,127.31	7,079.56	25.52	25.53	-41.79	204.37	-2,043.67	1,664.25	1,613.46	50.80	32.763	
7,200.00	7,179.21	7,226.96	7,179.21	25.88	25.87	-41.98	204.37	-2,043.67	1,657.97	1,606.47	51.50	32.195	
7,300.00	7,278.85	7,326.60	7,278.85	26.24	26.21	-42.18	204.37	-2,043.67	1,651.70	1,599.50	52.20	31.642	
7,400.00	7,378.50	7,426.24	7,378.50	26.60	26.55	-42.38	204.37	-2,043.67	1,645.45	1,592.55	52.90	31.104	
7,500.00	7,478.14	7,525.89	7,478.14	26.97	26.90	-42.57	204.37	-2,043.67	1,639.22	1,585.62	53.60	30.581	
7,600.00	7,577.78	7,625.53	7,577.78	27.33	27.24	-42.77	204.37	-2,043.67	1,633.01	1,578.71	54.31	30.071	
7,700.00	7,677.43	7,725.18	7,677.43	27.69	27.58	-42.98	204.37	-2,043.67	1,626.82	1,571.81	55.01	29.574	
7,800.00	7,777.07	7,824.82	7,777.07	28.06	27.93	-43.18	204.37	-2,043.67	1,620.65	1,564.94	55.71	29.090	
7,900.00	7,876.72	7,924.46	7,876.72	28.42	28.27	-43.38	204.37	-2,043.67	1,614.50	1,558.09	56.42	28.618	
8,000.00	7,976.36	8,024.11	7,976.36	28.78	28.61	-43.59	204.37	-2,043.67	1,608.38	1,551.26	57.12	28.158	
8,100.00	8,076.00	8,123.75	8,076.00	29.15	28.96	-43.80	204.37	-2,043.67	1,602.27	1,544.45	57.82	27.710	
8,200.00	8,175.65	8,223.40	8,175.65	29.51	29.30	-44.01	204.37	-2,043.67	1,596.18	1,537.66	58.53	27.272	
8,300.00	8,275.29	8,323.04	8,275.29	29.87	29.65	-44.22	204.37	-2,043.67	1,590.12	1,530.89	59.23	26.845	
8,400.00	8,374.94	8,422.68	8,374.94	30.23	30.00	-44.43	204.37	-2,043.67	1,584.08	1,524.14	59.94	26.428	
8,500.00	8,474.58	8,522.33	8,474.58	30.60	30.34	-44.64	204.37	-2,043.67	1,578.06	1,517.41	60.64	26.021	
8,600.00	8,574.22	8,621.97	8,574.22	30.96	30.69	-44.86	204.37	-2,043.67	1,572.06	1,510.71	61.35	25.624	
8,700.00	8,673.87	8,721.62	8,673.87	31.32	31.03	-45.08	204.37	-2,043.67	1,566.08	1,504.03	62.06	25.236	
8,800.00	8,773.51	8,821.26	8,773.51	31.69	31.38	-45.29	204.37	-2,043.67	1,560.13	1,497.37	62.76	24.857	
8,900.00	8,873.16	8,920.90	8,873.16	32.05	31.73	-45.51	204.37	-2,043.67	1,554.20	1,490.73	63.47	24.487	
9,000.00	8,972.80	9,020.55	8,972.80	32.41	32.07	-45.74	204.37	-2,043.67	1,548.29	1,484.11	64.18	24.125	
9,100.00	9,072.44	9,120.19	9,072.44	32.78	32.42	-45.96	204.37	-2,043.67	1,542.41	1,477.52	64.88	23.772	
9,200.00	9,172.12	9,223.77	9,175.99	33.14	32.78	-81.22	203.12	-2,043.45	1,538.14	1,472.54	65.60	23.447	
9,242.55	9,214.43	9,269.70	9,221.65	33.29	32.93	-92.09	198.31	-2,042.60	1,537.82	1,471.91	65.91	23.333	CC, ES
9,300.00	9,271.30	9,328.07	9,278.86	33.50	33.13	-98.30	187.03	-2,040.61	1,538.96	1,472.66	66.31	23.210	
9,400.00	9,367.08	9,410.59	9,357.11	33.85	33.39	-99.57	161.45	-2,036.10	1,543.55	1,476.63	66.92	23.065	
9,500.00	9,456.50	9,466.39	9,407.55	34.18	33.56	-100.12	137.99	-2,031.96	1,554.17	1,486.77	67.40	23.058	SF
9,600.00	9,536.83	9,500.00	9,436.72	34.48	33.66	-99.41	121.57	-2,029.07	1,572.60	1,504.87	67.73	23.218	
9,700.00	9,605.64	9,513.13	9,447.84	34.73	33.70	-97.15	114.70	-2,027.86	1,599.30	1,531.40	67.90	23.555	
9,800.00	9,660.83	9,514.33	9,448.85	34.93	33.70	-93.55	114.06	-2,027.75	1,633.61	1,565.66	67.95	24.040	
9,900.00	9,700.73	9,500.00	9,436.72	35.11	33.66	-88.59	121.57	-2,029.07	1,674.15	1,606.25	67.90	24.655	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 222H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Reference	Offset	Reference	Offset	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
10,000.00	9,725.90	9,500.00	9,436.72	35.28	33.66	-85.21	121.57	-2,029.07	1,719.20	1,651.22	67.98	25.289	
10,100.00	9,742.01	9,475.10	9,415.20	35.46	33.59	-81.58	133.89	-2,031.24	1,767.73	1,699.83	67.90	26.034	
10,200.00	9,749.46	9,450.00	9,392.97	35.63	33.51	-77.82	145.38	-2,033.27	1,819.12	1,751.27	67.85	26.812	
10,300.00	9,750.00	9,450.00	9,392.97	35.79	33.51	-76.74	145.38	-2,033.27	1,872.91	1,804.89	68.02	27.534	
10,400.00	9,750.00	9,423.65	9,369.12	35.97	33.43	-75.91	156.39	-2,035.21	1,929.81	1,861.82	67.99	28.383	
10,500.00	9,750.00	9,400.00	9,347.29	36.17	33.36	-75.15	165.35	-2,036.79	1,989.94	1,921.95	67.99	29.269	
10,600.00	9,750.00	9,400.00	9,347.29	36.38	33.36	-75.15	165.35	-2,036.79	2,052.82	1,984.65	68.17	30.112	
10,700.00	9,750.00	9,400.00	9,347.29	36.61	33.36	-75.15	165.35	-2,036.79	2,118.55	2,050.20	68.35	30.995	
10,800.00	9,750.00	9,375.20	9,324.01	36.85	33.28	-74.35	173.78	-2,038.28	2,186.43	2,118.09	68.34	31.994	
10,900.00	9,750.00	9,350.00	9,300.01	37.10	33.20	-73.52	181.32	-2,039.61	2,256.89	2,188.57	68.32	33.033	
11,000.00	9,750.00	9,350.00	9,300.01	37.37	33.20	-73.52	181.32	-2,039.61	2,329.07	2,260.58	68.49	34.005	
11,100.00	9,750.00	9,350.00	9,300.01	37.65	33.20	-73.52	181.32	-2,039.61	2,403.25	2,334.59	68.65	35.005	
11,200.00	9,750.00	9,350.00	9,300.01	37.95	33.20	-73.52	181.32	-2,039.61	2,479.23	2,410.43	68.81	36.032	
11,300.00	9,750.00	9,350.00	9,300.01	38.26	33.20	-73.52	181.32	-2,039.61	2,556.88	2,487.92	68.95	37.082	
11,400.00	9,750.00	9,330.24	9,280.96	38.58	33.13	-72.88	186.50	-2,040.52	2,635.71	2,566.74	68.96	38.219	
11,500.00	9,750.00	9,324.70	9,275.59	38.91	33.12	-72.69	187.84	-2,040.76	2,716.03	2,646.96	69.06	39.327	
11,600.00	9,750.00	9,300.00	9,251.49	39.26	33.03	-71.88	193.17	-2,041.70	2,797.88	2,728.84	69.04	40.527	
11,700.00	9,750.00	9,300.00	9,251.49	39.62	33.03	-71.88	193.17	-2,041.70	2,880.41	2,811.25	69.17	41.645	
11,800.00	9,750.00	9,300.00	9,251.49	39.99	33.03	-71.88	193.17	-2,041.70	2,964.02	2,894.73	69.29	42.779	
11,900.00	9,750.00	9,300.00	9,251.49	40.37	33.03	-71.88	193.17	-2,041.70	3,048.62	2,979.21	69.40	43.926	
12,000.00	9,750.00	9,300.00	9,251.49	40.76	33.03	-71.88	193.17	-2,041.70	3,134.12	3,064.60	69.51	45.086	
12,100.00	9,750.00	9,300.00	9,251.49	41.16	33.03	-71.88	193.17	-2,041.70	3,220.46	3,150.84	69.62	46.258	
12,200.00	9,750.00	9,300.00	9,251.49	41.58	33.03	-71.88	193.17	-2,041.70	3,307.56	3,237.84	69.72	47.440	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS										Rule Assigned:				Offset Site Error:
Reference		Offset		Semi Major Axis		Offset Wellbore Centre			Distance		Warning		Offset Well Error:	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.30	0.00	0.00	89.52	0.50	59.99	59.99					
100.00	100.00	99.70	100.00	0.28	0.28	89.52	0.50	59.99	59.99	59.44	0.55	108.835		
200.00	200.00	199.70	200.00	0.63	0.63	89.52	0.50	59.99	59.99	58.72	1.27	47.316		
300.00	300.00	299.70	300.00	0.99	0.99	89.52	0.50	59.99	59.99	58.01	1.98	30.225		
400.00	400.00	399.70	400.00	1.35	1.35	89.52	0.50	59.99	59.99	57.29	2.70	22.204		
500.00	500.00	499.70	500.00	1.71	1.71	89.52	0.50	59.99	59.99	56.57	3.42	17.548	CC, ES	
600.00	600.00	598.26	598.54	2.07	2.06	88.37	1.74	61.13	61.17	57.04	4.13	14.818		
700.00	700.00	696.59	696.73	2.43	2.41	85.15	5.48	64.53	64.85	60.02	4.83	13.417		
800.00	800.00	795.32	795.13	2.79	2.77	80.69	11.47	70.00	71.10	65.56	5.54	12.835		
900.00	900.00	894.94	894.37	3.14	3.12	76.73	17.88	75.85	78.13	71.88	6.25	12.499		
1,000.00	1,000.00	994.56	993.61	3.50	3.48	73.44	24.30	81.70	85.48	78.51	6.96	12.273		
1,100.00	1,100.00	1,094.18	1,092.85	3.86	3.84	70.67	30.71	87.55	93.06	85.38	7.68	12.118		
1,200.00	1,200.00	1,193.80	1,192.09	4.22	4.20	68.33	37.12	93.40	100.82	92.43	8.39	12.011	SF	
1,300.00	1,299.98	1,293.39	1,291.30	4.57	4.56	118.65	43.53	99.25	109.55	100.45	9.11	12.030		
1,400.00	1,399.84	1,392.83	1,390.37	4.93	4.91	118.93	49.94	105.09	119.98	110.16	9.82	12.221		
1,500.00	1,499.51	1,492.07	1,489.23	5.28	5.27	120.33	56.32	110.92	131.85	121.32	10.53	12.525		
1,600.00	1,599.15	1,591.29	1,588.07	5.64	5.63	121.68	62.71	116.75	143.95	132.71	11.23	12.813		
1,700.00	1,698.79	1,690.50	1,686.90	5.99	5.99	122.82	69.10	122.58	156.12	144.17	11.94	13.070		
1,800.00	1,798.44	1,789.71	1,785.74	6.35	6.35	123.80	75.48	128.40	168.34	155.68	12.65	13.303		
1,900.00	1,898.08	1,888.92	1,884.57	6.71	6.71	124.64	81.87	134.23	180.60	167.23	13.37	13.512		
2,000.00	1,997.73	1,988.14	1,983.41	7.07	7.07	125.37	88.26	140.06	192.89	178.81	14.08	13.703		
2,100.00	2,097.37	2,087.35	2,082.25	7.43	7.42	126.02	94.64	145.89	205.21	190.42	14.79	13.876		
2,200.00	2,197.01	2,186.56	2,181.08	7.78	7.78	126.59	101.03	151.71	217.56	202.06	15.50	14.035		
2,300.00	2,296.66	2,285.78	2,279.92	8.14	8.14	127.11	107.42	157.54	229.92	213.71	16.21	14.180		
2,400.00	2,396.30	2,384.99	2,378.75	8.50	8.50	127.57	113.80	163.37	242.30	225.37	16.93	14.314		
2,500.00	2,495.94	2,484.20	2,477.59	8.86	8.86	127.98	120.19	169.19	254.70	237.05	17.64	14.438		
2,600.00	2,595.59	2,583.41	2,576.42	9.22	9.22	128.36	126.58	175.02	267.10	248.75	18.35	14.552		
2,700.00	2,695.23	2,682.63	2,675.26	9.58	9.58	128.70	132.97	180.85	279.52	260.45	19.07	14.658		
2,800.00	2,794.88	2,781.84	2,774.09	9.94	9.94	129.01	139.35	186.68	291.94	272.16	19.78	14.757		
2,900.00	2,894.52	2,881.05	2,872.93	10.30	10.30	129.30	145.74	192.50	304.38	283.88	20.50	14.849		
3,000.00	2,994.16	2,980.27	2,971.76	10.66	10.66	129.57	152.13	198.33	316.82	295.60	21.21	14.935		
3,100.00	3,093.81	3,079.48	3,070.60	11.03	11.02	129.81	158.51	204.16	329.26	307.34	21.93	15.016		
3,200.00	3,193.45	3,178.69	3,169.44	11.39	11.38	130.04	164.90	209.98	341.72	319.07	22.64	15.091		
3,300.00	3,293.10	3,277.90	3,268.27	11.75	11.74	130.25	171.29	215.81	354.17	330.81	23.36	15.162		
3,400.00	3,392.74	3,377.12	3,367.11	12.11	12.10	130.45	177.67	221.64	366.63	342.56	24.07	15.229		
3,500.00	3,492.38	3,476.33	3,465.94	12.47	12.46	130.63	184.06	227.47	379.10	354.31	24.79	15.293		
3,600.00	3,592.03	3,575.54	3,564.78	12.83	12.82	130.81	190.45	233.29	391.57	366.06	25.51	15.352		
3,700.00	3,691.67	3,674.76	3,663.61	13.19	13.18	130.97	196.83	239.12	404.04	377.82	26.22	15.409		
3,800.00	3,791.32	3,773.97	3,762.45	13.56	13.54	131.12	203.22	244.95	416.52	389.58	26.94	15.462		
3,900.00	3,890.96	3,873.18	3,861.28	13.92	13.90	131.26	209.61	250.77	428.99	401.34	27.65	15.513		
4,000.00	3,990.60	3,976.51	3,964.23	14.28	14.27	131.42	216.11	256.71	441.34	412.94	28.40	15.542		
4,100.00	4,090.25	4,089.94	4,077.48	14.64	14.68	131.84	220.78	260.97	451.35	422.16	29.19	15.464		
4,200.00	4,189.89	4,202.37	4,189.89	15.00	15.08	132.59	222.14	262.21	458.30	428.35	29.95	15.304		
4,300.00	4,289.54	4,302.02	4,289.54	15.37	15.43	133.35	222.14	262.21	464.05	433.40	30.65	15.139		
4,400.00	4,389.18	4,401.66	4,389.18	15.73	15.78	134.10	222.14	262.21	469.89	438.53	31.36	14.983		
4,500.00	4,488.82	4,501.30	4,488.82	16.09	16.13	134.83	222.14	262.21	475.81	443.74	32.07	14.836		
4,600.00	4,588.47	4,600.95	4,588.47	16.45	16.48	135.54	222.14	262.21	481.80	449.02	32.78	14.697		
4,700.00	4,688.11	4,700.59	4,688.11	16.81	16.83	136.23	222.14	262.21	487.87	454.37	33.49	14.567		
4,800.00	4,787.75	4,800.23	4,787.75	17.18	17.18	136.90	222.14	262.21	494.00	459.80	34.20	14.443		
4,900.00	4,887.40	4,899.88	4,887.40	17.54	17.53	137.56	222.14	262.21	500.20	465.29	34.91	14.327		
5,000.00	4,987.04	4,999.52	4,987.04	17.90	17.88	138.21	222.14	262.21	506.46	470.84	35.62	14.217		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 224H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (")	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
5,100.00	5,086.69	5,099.17	5,086.69	18.26	18.24	138.83	222.14	262.21	512.79	476.45	36.34	14.112		
5,200.00	5,186.33	5,198.81	5,186.33	18.63	18.59	139.44	222.14	262.21	519.18	482.13	37.05	14.013		
5,300.00	5,285.97	5,298.45	5,285.97	18.99	18.94	140.04	222.14	262.21	525.62	487.86	37.76	13.920		
5,400.00	5,385.62	5,398.10	5,385.62	19.35	19.29	140.62	222.14	262.21	532.12	493.65	38.47	13.831		
5,500.00	5,485.26	5,497.74	5,485.26	19.71	19.65	141.19	222.14	262.21	538.67	499.49	39.19	13.746		
5,600.00	5,584.91	5,597.39	5,584.91	20.08	20.00	141.75	222.14	262.21	545.28	505.38	39.90	13.666		
5,700.00	5,684.55	5,697.03	5,684.55	20.44	20.35	142.29	222.14	262.21	551.93	511.32	40.61	13.590		
5,800.00	5,784.19	5,796.67	5,784.19	20.80	20.71	142.82	222.14	262.21	558.64	517.31	41.33	13.517		
5,900.00	5,883.84	5,896.32	5,883.84	21.16	21.06	143.33	222.14	262.21	565.39	523.34	42.04	13.448		
6,000.00	5,983.48	5,995.96	5,983.48	21.53	21.41	143.83	222.14	262.21	572.18	529.42	42.76	13.383		
6,100.00	6,083.13	6,095.61	6,083.13	21.89	21.77	144.33	222.14	262.21	579.02	535.55	43.47	13.320		
6,200.00	6,182.77	6,195.25	6,182.77	22.25	22.12	144.81	222.14	262.21	585.89	541.71	44.18	13.260		
6,300.00	6,282.41	6,294.89	6,282.41	22.61	22.48	145.28	222.14	262.21	592.81	547.91	44.90	13.203		
6,400.00	6,382.06	6,394.54	6,382.06	22.98	22.83	145.73	222.14	262.21	599.77	554.16	45.61	13.149		
6,500.00	6,481.70	6,494.18	6,481.70	23.34	23.18	146.18	222.14	262.21	606.76	560.43	46.33	13.097		
6,600.00	6,581.35	6,593.83	6,581.35	23.70	23.54	146.62	222.14	262.21	613.79	566.75	47.04	13.047		
6,700.00	6,680.99	6,693.47	6,680.99	24.06	23.89	147.05	222.14	262.21	620.86	573.10	47.76	13.000		
6,800.00	6,780.63	6,793.11	6,780.63	24.43	24.25	147.47	222.14	262.21	627.96	579.48	48.48	12.954		
6,900.00	6,880.28	6,892.76	6,880.28	24.79	24.60	147.87	222.14	262.21	635.09	585.90	49.19	12.911		
7,000.00	6,979.92	6,992.40	6,979.92	25.15	24.96	148.27	222.14	262.21	642.25	592.35	49.91	12.869		
7,100.00	7,079.56	7,092.04	7,079.56	25.52	25.31	148.66	222.14	262.21	649.45	598.82	50.62	12.829		
7,200.00	7,179.21	7,191.69	7,179.21	25.88	25.66	149.05	222.14	262.21	656.67	605.33	51.34	12.791		
7,300.00	7,278.85	7,291.33	7,278.85	26.24	26.02	149.42	222.14	262.21	663.92	611.87	52.06	12.754		
7,400.00	7,378.50	7,390.98	7,378.50	26.60	26.37	149.79	222.14	262.21	671.20	618.43	52.77	12.719		
7,500.00	7,478.14	7,490.62	7,478.14	26.97	26.73	150.14	222.14	262.21	678.51	625.02	53.49	12.685		
7,600.00	7,577.78	7,590.26	7,577.78	27.33	27.08	150.49	222.14	262.21	685.84	631.63	54.21	12.653		
7,700.00	7,677.43	7,689.91	7,677.43	27.69	27.44	150.84	222.14	262.21	693.20	638.27	54.92	12.621		
7,800.00	7,777.07	7,789.55	7,777.07	28.06	27.79	151.17	222.14	262.21	700.58	644.94	55.64	12.591		
7,900.00	7,876.72	7,889.20	7,876.72	28.42	28.15	151.50	222.14	262.21	707.98	651.63	56.36	12.563		
8,000.00	7,976.36	7,988.84	7,976.36	28.78	28.50	151.82	222.14	262.21	715.41	658.34	57.07	12.535		
8,100.00	8,076.00	8,088.48	8,076.00	29.15	28.86	152.14	222.14	262.21	722.86	665.07	57.79	12.508		
8,200.00	8,175.65	8,188.13	8,175.65	29.51	29.22	152.45	222.14	262.21	730.33	671.82	58.51	12.483		
8,300.00	8,275.29	8,287.77	8,275.29	29.87	29.57	152.75	222.14	262.21	737.82	678.60	59.22	12.458		
8,400.00	8,374.94	8,387.42	8,374.94	30.23	29.93	153.05	222.14	262.21	745.33	685.39	59.94	12.434		
8,500.00	8,474.58	8,487.06	8,474.58	30.60	30.28	153.34	222.14	262.21	752.86	692.20	60.66	12.411		
8,600.00	8,574.22	8,586.70	8,574.22	30.96	30.64	153.62	222.14	262.21	760.41	699.04	61.38	12.389		
8,700.00	8,673.87	8,686.35	8,673.87	31.32	30.99	153.90	222.14	262.21	767.98	705.89	62.09	12.368		
8,800.00	8,773.51	8,785.99	8,773.51	31.69	31.35	154.18	222.14	262.21	775.57	712.75	62.81	12.347		
8,900.00	8,873.16	8,885.64	8,873.16	32.05	31.70	154.44	222.14	262.21	783.17	719.64	63.53	12.327		
9,000.00	8,972.80	8,985.28	8,972.80	32.41	32.06	154.71	222.14	262.21	790.79	726.54	64.25	12.308		
9,100.00	9,072.44	9,084.92	9,072.44	32.78	32.42	154.97	222.14	262.21	798.43	733.46	64.97	12.290		
9,200.00	9,172.12	9,184.60	9,172.12	33.14	32.76	155.22	222.04	262.21	806.11	739.15	65.66	12.257		
9,300.00	9,271.80	9,284.28	9,271.80	33.50	32.98	155.47	216.61	262.26	813.87	744.22	66.15	12.250		
9,400.00	9,371.48	9,384.16	9,371.48	33.85	33.18	155.72	203.96	262.37	821.71	750.15	66.55	12.384		
9,500.00	9,471.16	9,483.84	9,471.16	34.21	33.32	155.97	190.11	262.49	829.64	756.15	66.71	12.722		
9,600.00	9,570.84	9,583.52	9,570.84	34.56	33.46	156.22	176.71	262.61	837.64	762.25	66.69	13.270		
9,700.00	9,670.52	9,683.20	9,670.52	34.91	33.46	156.47	170.96	262.66	845.71	768.44	66.38	14.052		
9,800.00	9,770.20	9,782.88	9,770.20	35.26	33.48	156.72	167.73	262.69	853.84	774.71	66.08	14.987		
9,900.00	9,869.88	9,882.56	9,869.88	35.61	33.48	156.97	168.27	262.68	862.04	781.04	65.82	16.024		
10,000.00	9,969.56	9,982.24	9,969.56	35.96	33.42	157.22	176.71	262.61	870.39	787.43	65.44	17.169		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Chile Federal Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS											Offset Site Error:	0.00 usft		
Reference				Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:			Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,100.00	9,742.01	9,400.00	9,381.42	35.46	33.42	71.56	176.71	262.61	1,194.75	1,129.20	65.55	18.226		
10,200.00	9,749.46	9,400.00	9,381.42	35.63	33.42	66.52	176.71	262.61	1,268.14	1,202.36	65.77	19.281		
10,300.00	9,750.00	9,378.54	9,361.51	35.79	33.36	63.54	184.71	262.54	1,342.78	1,277.05	65.73	20.430		
10,400.00	9,750.00	9,366.97	9,350.65	35.97	33.33	62.91	188.72	262.50	1,420.17	1,354.33	65.84	21.570		
10,500.00	9,750.00	9,350.00	9,334.59	36.17	33.28	61.98	194.19	262.46	1,500.03	1,434.16	65.87	22.771		
10,600.00	9,750.00	9,350.00	9,334.59	36.38	33.28	61.98	194.19	262.46	1,581.90	1,515.78	66.12	23.924		
10,700.00	9,750.00	9,350.00	9,334.59	36.61	33.28	61.98	194.19	262.46	1,665.76	1,599.41	66.35	25.107		
10,800.00	9,750.00	9,330.91	9,316.33	36.85	33.23	60.95	199.78	262.41	1,750.92	1,684.59	66.33	26.396		
10,900.00	9,750.00	9,323.82	9,309.51	37.10	33.21	60.56	201.70	262.39	1,837.59	1,771.14	66.45	27.653		
11,000.00	9,750.00	9,300.00	9,286.42	37.37	33.13	59.30	207.52	262.34	1,925.78	1,859.39	66.39	29.009		
11,100.00	9,750.00	9,300.00	9,286.42	37.65	33.13	59.30	207.52	262.34	2,014.52	1,947.96	66.56	30.264		
11,200.00	9,750.00	9,300.00	9,286.42	37.95	33.13	59.30	207.52	262.34	2,104.27	2,037.54	66.73	31.535		
11,300.00	9,750.00	9,300.00	9,286.42	38.26	33.13	59.30	207.52	262.34	2,194.91	2,128.03	66.88	32.820		
11,400.00	9,750.00	9,300.00	9,286.42	38.58	33.13	59.30	207.52	262.34	2,286.33	2,219.31	67.01	34.117		
11,500.00	9,750.00	9,300.00	9,286.42	38.91	33.13	59.30	207.52	262.34	2,378.44	2,311.30	67.14	35.425		
11,600.00	9,750.00	9,300.00	9,286.42	39.26	33.13	59.30	207.52	262.34	2,471.16	2,403.90	67.26	36.741		
11,700.00	9,750.00	9,300.00	9,286.42	39.62	33.13	59.30	207.52	262.34	2,564.43	2,497.06	67.37	38.065		
11,800.00	9,750.00	9,300.00	9,286.42	39.99	33.13	59.30	207.52	262.34	2,658.19	2,590.71	67.47	39.396		
11,900.00	9,750.00	9,276.54	9,263.45	40.37	33.06	58.07	212.32	262.30	2,751.83	2,684.42	67.41	40.825		
12,000.00	9,750.00	9,273.35	9,260.32	40.76	33.05	57.90	212.90	262.29	2,846.26	2,778.78	67.48	42.177		
12,100.00	9,750.00	9,250.00	9,237.26	41.16	32.98	56.70	216.61	262.26	2,941.46	2,874.04	67.42	43.628		
12,200.00	9,750.00	9,250.00	9,237.26	41.58	32.98	56.70	216.61	262.26	3,036.45	2,968.94	67.52	44.973		
12,300.00	9,750.00	9,250.00	9,237.26	42.00	32.98	56.70	216.61	262.26	3,131.76	3,064.15	67.61	46.322		
12,400.00	9,750.00	9,250.00	9,237.26	42.43	32.98	56.70	216.61	262.26	3,227.34	3,159.65	67.70	47.674		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Warning
Reference	Offset	Reference	Offset	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
0.00	0.00	20.20	0.00	0.00	0.06	-84.46	256.87	-2,648.66	2,661.09				
100.00	100.00	120.20	100.00	0.28	0.35	-84.46	256.87	-2,648.66	2,661.09	2,660.46	0.62	4,261.433	
200.00	200.00	220.20	200.00	0.63	0.71	-84.46	256.87	-2,648.66	2,661.09	2,659.75	1.34	1,983.811	
300.00	300.00	320.20	300.00	0.99	1.07	-84.46	256.87	-2,648.66	2,661.09	2,659.03	2.06	1,292.829	
400.00	400.00	420.20	400.00	1.35	1.42	-84.46	256.87	-2,648.66	2,661.09	2,658.31	2.78	958.851	
408.23	408.23	428.43	408.23	1.38	1.45	-84.46	256.87	-2,648.66	2,661.09	2,658.25	2.83	938.892	CC
500.00	500.00	500.00	479.80	1.71	1.71	-84.46	256.87	-2,648.66	2,661.16	2,657.74	3.42	778.139	
600.00	600.00	569.56	549.35	2.07	1.95	-84.47	256.41	-2,649.37	2,662.23	2,658.21	4.02	662.464	
700.00	700.00	627.37	607.13	2.43	2.15	-84.50	255.33	-2,651.04	2,664.92	2,660.35	4.57	582.587	
800.00	800.00	700.00	679.64	2.79	2.40	-84.55	253.08	-2,654.52	2,669.27	2,664.10	5.18	515.608	
900.00	900.00	742.63	722.14	3.14	2.55	-84.60	251.29	-2,657.28	2,675.06	2,669.38	5.68	471.070	
1,000.00	1,000.00	800.00	779.25	3.50	2.75	-84.67	248.35	-2,661.84	2,682.50	2,676.27	6.23	430.617	
1,100.00	1,100.00	857.12	835.99	3.86	2.95	-84.76	244.80	-2,667.33	2,691.52	2,684.74	6.78	396.941	
1,200.00	1,200.00	924.36	902.63	4.22	3.18	-84.88	239.89	-2,674.92	2,702.07	2,694.70	7.37	366.744	
1,300.00	1,299.98	1,023.45	1,000.75	4.57	3.53	-33.29	232.40	-2,686.50	2,711.64	2,703.56	8.07	335.958	
1,400.00	1,399.84	1,122.57	1,098.90	4.93	3.89	-33.46	224.91	-2,698.08	2,718.34	2,709.56	8.77	309.814	
1,500.00	1,499.51	1,221.63	1,197.00	5.28	4.25	-33.71	217.42	-2,709.66	2,722.68	2,713.19	9.48	287.126	
1,600.00	1,599.15	1,320.68	1,295.09	5.64	4.61	-33.98	209.94	-2,721.24	2,726.82	2,716.63	10.20	267.464	
1,700.00	1,698.79	1,419.73	1,393.18	5.99	4.97	-34.25	202.45	-2,732.81	2,731.04	2,720.13	10.91	250.319	
1,800.00	1,798.44	1,518.79	1,491.27	6.35	5.33	-34.52	194.97	-2,744.39	2,735.31	2,723.68	11.63	235.248	
1,900.00	1,898.08	1,617.84	1,589.35	6.71	5.70	-34.79	187.48	-2,755.96	2,739.65	2,727.30	12.35	221.904	
2,000.00	1,997.73	1,716.89	1,687.44	7.07	6.06	-35.06	180.00	-2,767.54	2,744.04	2,730.98	13.07	210.010	
2,100.00	2,097.37	1,815.94	1,785.53	7.43	6.43	-35.33	172.51	-2,779.11	2,748.50	2,734.72	13.79	199.347	
2,200.00	2,197.01	1,914.99	1,883.62	7.78	6.79	-35.60	165.03	-2,790.69	2,753.02	2,738.51	14.51	189.736	
2,300.00	2,296.66	2,014.05	1,981.71	8.14	7.16	-35.87	157.54	-2,802.27	2,757.61	2,742.37	15.23	181.031	
2,400.00	2,396.30	2,113.10	2,079.79	8.50	7.53	-36.13	150.05	-2,813.84	2,762.25	2,746.29	15.96	173.111	
2,500.00	2,495.94	2,212.15	2,177.88	8.86	7.89	-36.40	142.57	-2,825.42	2,766.95	2,750.27	16.68	165.875	
2,600.00	2,595.59	2,311.20	2,275.97	9.22	8.26	-36.66	135.08	-2,836.99	2,771.71	2,754.31	17.41	159.241	
2,700.00	2,695.23	2,410.26	2,374.06	9.58	8.63	-36.93	127.60	-2,848.57	2,776.54	2,758.40	18.13	153.137	
2,800.00	2,794.88	2,509.31	2,472.15	9.94	8.99	-37.19	120.11	-2,860.15	2,781.42	2,762.56	18.86	147.503	
2,900.00	2,894.52	2,608.36	2,570.24	10.30	9.36	-37.45	112.63	-2,871.72	2,786.36	2,766.78	19.58	142.287	
3,000.00	2,994.16	2,707.41	2,668.32	10.66	9.73	-37.71	105.14	-2,883.30	2,791.36	2,771.05	20.31	137.445	
3,100.00	3,093.81	2,806.46	2,766.41	11.03	10.10	-37.97	97.65	-2,894.87	2,796.42	2,775.38	21.04	132.938	
3,200.00	3,193.45	2,905.52	2,864.50	11.39	10.47	-38.23	90.17	-2,906.45	2,801.54	2,779.77	21.76	128.733	
3,300.00	3,293.10	3,004.57	2,962.59	11.75	10.84	-38.49	82.68	-2,918.03	2,806.71	2,784.22	22.49	124.802	
3,400.00	3,392.74	3,103.62	3,060.68	12.11	11.20	-38.75	75.20	-2,929.60	2,811.94	2,788.73	23.22	121.119	
3,500.00	3,492.38	3,202.67	3,158.76	12.47	11.57	-39.00	67.71	-2,941.18	2,817.23	2,793.29	23.94	117.661	
3,600.00	3,592.03	3,301.72	3,256.85	12.83	11.94	-39.26	60.23	-2,952.75	2,822.58	2,797.91	24.67	114.408	
3,700.00	3,691.67	3,400.78	3,354.94	13.19	12.31	-39.51	52.74	-2,964.33	2,827.98	2,802.58	25.40	111.344	
3,800.00	3,791.32	3,499.83	3,453.03	13.56	12.68	-39.77	45.26	-2,975.91	2,833.44	2,807.31	26.13	108.452	
3,900.00	3,890.96	3,598.88	3,551.12	13.92	13.05	-40.02	37.77	-2,987.48	2,838.96	2,812.10	26.85	105.718	
4,000.00	3,990.60	3,697.93	3,649.21	14.28	13.42	-40.27	30.28	-2,999.06	2,844.53	2,816.95	27.58	103.131	
4,100.00	4,090.25	3,796.99	3,747.29	14.64	13.79	-40.52	22.80	-3,010.63	2,850.15	2,821.84	28.31	100.678	
4,200.00	4,189.89	3,896.04	3,845.38	15.00	14.16	-40.77	15.31	-3,022.21	2,855.83	2,826.80	29.04	98.350	
4,300.00	4,289.54	3,995.09	3,943.47	15.37	14.53	-41.02	7.83	-3,033.79	2,861.57	2,831.81	29.77	96.137	
4,400.00	4,389.18	4,094.14	4,041.56	15.73	14.90	-41.27	0.34	-3,045.36	2,867.36	2,836.87	30.49	94.032	
4,500.00	4,488.82	4,193.19	4,139.65	16.09	15.26	-41.51	-7.14	-3,056.94	2,873.21	2,841.98	31.22	92.026	
4,600.00	4,588.47	4,292.25	4,237.73	16.45	15.63	-41.76	-14.63	-3,068.51	2,879.10	2,847.15	31.95	90.114	
4,700.00	4,688.11	4,391.30	4,335.82	16.81	16.00	-42.00	-22.12	-3,080.09	2,885.05	2,852.38	32.68	88.288	
4,800.00	4,787.75	4,490.35	4,433.91	17.18	16.37	-42.25	-29.60	-3,091.66	2,891.06	2,857.65	33.41	86.543	
4,900.00	4,887.40	4,589.40	4,532.00	17.54	16.74	-42.49	-37.09	-3,103.24	2,897.12	2,862.98	34.13	84.875	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,987.04	4,688.45	4,630.09	17.90	17.11	-42.73	-44.57	-3,114.82	2,903.23	2,868.36	34.86	83.277		
5,100.00	5,086.69	4,787.51	4,728.18	18.26	17.48	-42.97	-52.06	-3,126.39	2,909.39	2,873.80	35.59	81.746		
5,200.00	5,186.33	4,886.56	4,826.26	18.63	17.85	-43.21	-59.54	-3,137.97	2,915.60	2,879.28	36.32	80.279		
5,300.00	5,285.97	4,985.61	4,924.35	18.99	18.22	-43.45	-67.03	-3,149.54	2,921.86	2,884.82	37.05	78.870		
5,400.00	5,385.62	5,084.66	5,022.44	19.35	18.59	-43.69	-74.51	-3,161.12	2,928.18	2,890.40	37.77	77.517		
5,500.00	5,485.26	5,183.72	5,120.53	19.71	18.96	-43.93	-82.00	-3,172.70	2,934.55	2,896.04	38.50	76.216		
5,600.00	5,584.91	5,282.77	5,218.62	20.08	19.33	-44.16	-89.49	-3,184.27	2,940.96	2,901.73	39.23	74.965		
5,700.00	5,684.55	5,381.82	5,316.71	20.44	19.70	-44.40	-96.97	-3,195.85	2,947.43	2,907.47	39.96	73.761		
5,800.00	5,784.19	5,480.87	5,414.79	20.80	20.07	-44.63	-104.46	-3,207.42	2,953.95	2,913.26	40.69	72.601		
5,900.00	5,883.84	5,581.67	5,516.66	21.16	20.44	-44.87	-111.94	-3,217.41	2,960.46	2,919.05	41.42	71.446		
6,000.00	5,983.48	5,681.31	5,616.55	21.53	20.81	-45.10	-119.42	-3,227.40	2,967.00	2,924.84	42.15	70.291		
6,100.00	6,083.13	5,781.96	5,716.44	21.90	21.18	-45.34	-126.90	-3,237.39	2,973.59	2,930.72	42.88	69.136		
6,200.00	6,182.77	5,882.60	5,817.52	22.27	21.55	-45.58	-134.38	-3,247.38	2,980.23	2,936.70	43.61	67.981		
6,300.00	6,282.41	5,983.25	5,918.60	22.64	21.92	-45.82	-141.86	-3,257.37	2,986.92	2,942.72	44.34	66.826		
6,400.00	6,382.06	6,083.89	6,019.69	23.01	22.29	-46.06	-149.34	-3,267.36	2,993.66	2,948.80	45.07	65.671		
6,500.00	6,481.70	6,184.53	6,120.78	23.38	22.66	-46.30	-156.82	-3,277.35	3,000.45	2,954.94	45.80	64.516		
6,600.00	6,581.35	6,285.18	6,221.87	23.75	23.03	-46.54	-164.30	-3,287.34	3,007.29	2,961.12	46.53	63.361		
6,700.00	6,680.99	6,385.82	6,322.96	24.12	23.40	-46.78	-171.78	-3,297.33	3,014.18	2,967.30	47.26	62.206		
6,800.00	6,780.63	6,486.47	6,424.05	24.49	23.77	-47.02	-179.26	-3,307.32	3,021.12	2,973.58	48.00	61.051		
6,900.00	6,880.28	6,587.11	6,525.14	24.86	24.14	-47.26	-186.74	-3,317.31	3,028.12	2,979.92	48.73	59.896		
7,000.00	6,979.92	6,687.75	6,626.23	25.23	24.51	-47.50	-194.22	-3,327.30	3,035.17	2,986.32	49.47	58.741		
7,100.00	7,079.56	6,788.40	6,727.32	25.60	24.88	-47.74	-201.70	-3,337.29	3,042.27	2,992.68	50.20	57.586		
7,200.00	7,179.21	6,889.04	6,828.41	25.97	25.25	-47.98	-209.18	-3,347.28	3,049.42	2,999.10	50.94	56.431		
7,300.00	7,278.85	6,989.69	6,929.50	26.34	25.62	-48.22	-216.66	-3,357.27	3,056.62	3,005.58	51.67	55.276		
7,400.00	7,378.50	7,090.33	7,030.59	26.71	26.00	-48.46	-224.14	-3,367.26	3,063.96	3,012.12	52.41	54.121		
7,500.00	7,478.14	7,190.97	7,131.68	27.08	26.37	-48.70	-231.62	-3,377.25	3,071.35	3,018.72	53.14	52.966		
7,600.00	7,577.78	7,291.62	7,232.77	27.45	26.74	-48.94	-239.10	-3,387.24	3,078.79	3,025.34	53.88	51.811		
7,700.00	7,677.43	7,392.26	7,333.86	27.82	27.11	-49.18	-246.58	-3,397.23	3,086.27	3,032.02	54.61	50.656		
7,800.00	7,777.07	7,492.91	7,434.95	28.19	27.48	-49.42	-254.06	-3,407.22	3,093.80	3,038.76	55.35	49.501		
7,900.00	7,876.72	7,593.55	7,536.04	28.56	27.85	-49.66	-261.54	-3,417.21	3,101.38	3,045.56	56.08	48.346		
8,000.00	7,976.36	7,694.20	7,637.13	28.93	28.22	-49.90	-269.02	-3,427.20	3,109.01	3,052.42	56.82	47.191		
8,100.00	8,076.00	7,794.84	7,738.22	29.30	28.59	-50.14	-276.50	-3,437.19	3,116.69	3,059.34	57.55	46.036		
8,200.00	8,175.65	7,895.49	7,839.31	29.67	28.96	-50.38	-283.98	-3,447.18	3,124.42	3,066.32	58.29	44.881		
8,300.00	8,275.29	7,996.13	7,940.40	30.04	29.33	-50.62	-291.46	-3,457.17	3,132.20	3,073.36	59.02	43.726		
8,400.00	8,374.94	8,096.78	8,041.49	30.41	29.70	-50.86	-298.94	-3,467.16	3,140.03	3,080.46	59.76	42.571		
8,500.00	8,474.58	8,197.42	8,142.58	30.78	30.07	-51.10	-306.42	-3,477.15	3,147.91	3,087.62	60.50	41.416		
8,600.00	8,574.22	8,298.07	8,243.67	31.15	30.44	-51.34	-313.90	-3,487.14	3,155.84	3,094.84	61.23	40.261		
8,700.00	8,673.87	8,398.71	8,344.76	31.52	30.81	-51.58	-321.38	-3,497.13	3,163.82	3,102.12	61.97	39.106		
8,800.00	8,773.51	8,499.36	8,445.85	31.89	31.18	-51.82	-328.86	-3,507.12	3,171.85	3,109.46	62.70	37.951		
8,900.00	8,873.16	8,600.00	8,546.94	32.26	31.55	-52.06	-336.34	-3,517.11	3,179.93	3,116.86	63.44	36.796		
9,000.00	8,972.80	8,700.64	8,648.03	32.63	31.92	-52.30	-343.82	-3,527.10	3,188.06	3,124.32	64.17	35.641		
9,100.00	9,072.44	8,801.29	8,749.12	33.00	32.29	-52.54	-351.30	-3,537.09	3,196.24	3,131.84	64.91	34.486		
9,200.00	9,172.08	8,901.93	8,850.21	33.37	32.66	-52.78	-358.78	-3,547.08	3,204.47	3,139.42	65.64	33.331		
9,300.00	9,271.72	9,002.58	8,951.30	33.74	33.03	-53.02	-366.26	-3,557.07	3,212.75	3,147.06	66.38	32.176		
9,400.00	9,371.36	9,103.22	9,052.39	34.11	33.40	-53.26	-373.74	-3,567.06	3,221.08	3,154.76	67.11	31.021		
9,500.00	9,471.00	9,203.87	9,153.48	34.48	33.77	-53.50	-381.22	-3,577.05	3,229.36	3,162.52	67.85	29.866		
9,600.00	9,570.64	9,304.51	9,254.57	34.85	34.14	-53.74	-388.70	-3,587.04	3,237.69	3,170.34	68.58	28.711		
9,700.00	9,670.28	9,405.16	9,355.66	35.22	34.51	-53.98	-396.18	-3,597.03	3,246.07	3,178.22	69.32	27.556		
9,800.00	9,769.92	9,505.80	9,456.75	35.59	34.88	-54.22	-403.66	-3,607.02	3,254.40	3,186.16	70.05	26.401		
9,900.00	9,869.56	9,606.45	9,557.84	35.96	35.25	-54.46	-411.14	-3,617.01	3,262.78	3,194.16	70.79	25.246		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		0-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,994.85	9,725.79	10,528.78	9,729.80	35.28	34.91	-90.09	871.71	-3,245.03	2,721.00	2,650.83	70.17	38.777		
10,000.00	9,725.90	10,534.09	9,729.80	35.28	34.92	-90.08	877.01	-3,245.07	2,721.00	2,650.81	70.19	38.768		
10,100.00	9,742.01	10,632.75	9,729.80	35.46	35.05	-89.75	975.67	-3,245.94	2,721.06	2,650.53	70.53	38.581		
10,200.00	9,749.46	10,732.44	9,729.80	35.63	35.20	-89.59	1,075.36	-3,246.81	2,721.13	2,650.27	70.86	38.401		
10,300.00	9,750.00	10,832.43	9,729.80	35.79	35.36	-89.57	1,175.35	-3,247.69	2,721.17	2,649.98	71.19	38.224		
10,400.00	9,750.00	10,932.43	9,729.80	35.97	35.55	-89.57	1,275.35	-3,248.57	2,721.20	2,649.65	71.55	38.032		
10,500.00	9,750.00	11,032.43	9,729.80	36.17	35.74	-89.57	1,375.34	-3,249.44	2,721.23	2,649.29	71.94	37.826		
10,600.00	9,750.00	11,132.43	9,729.80	36.38	35.96	-89.57	1,475.34	-3,250.32	2,721.26	2,648.90	72.36	37.606		
10,700.00	9,750.00	11,232.43	9,729.80	36.61	36.19	-89.57	1,575.33	-3,251.20	2,721.29	2,648.48	72.82	37.373		
10,800.00	9,750.00	11,332.43	9,729.80	36.85	36.43	-89.57	1,675.33	-3,252.08	2,721.32	2,648.03	73.30	37.128		
10,900.00	9,750.00	11,432.43	9,729.80	37.10	36.69	-89.57	1,775.33	-3,252.95	2,721.35	2,647.55	73.81	36.871		
11,000.00	9,750.00	11,532.43	9,729.80	37.37	36.96	-89.57	1,875.32	-3,253.83	2,721.39	2,647.04	74.35	36.604		
11,100.00	9,750.00	11,632.43	9,729.80	37.65	37.25	-89.57	1,975.32	-3,254.71	2,721.42	2,646.50	74.91	36.328		
11,200.00	9,750.00	11,732.43	9,729.80	37.95	37.55	-89.57	2,075.32	-3,255.58	2,721.45	2,645.94	75.51	36.043		
11,300.00	9,750.00	11,832.43	9,729.80	38.26	37.86	-89.57	2,175.31	-3,256.46	2,721.48	2,645.35	76.13	35.749		
11,400.00	9,750.00	11,932.43	9,729.80	38.58	38.19	-89.57	2,275.31	-3,257.34	2,721.51	2,644.74	76.77	35.449		
11,500.00	9,750.00	12,032.43	9,729.80	38.91	38.53	-89.57	2,375.30	-3,258.22	2,721.54	2,644.10	77.44	35.142		
11,600.00	9,750.00	12,132.43	9,729.80	39.26	38.88	-89.57	2,475.30	-3,259.09	2,721.57	2,643.43	78.14	34.829		
11,700.00	9,750.00	12,232.43	9,729.80	39.62	39.24	-89.57	2,575.30	-3,259.97	2,721.60	2,642.74	78.86	34.512		
11,800.00	9,750.00	12,332.43	9,729.80	39.99	39.62	-89.57	2,675.29	-3,260.85	2,721.64	2,642.03	79.60	34.190		
11,900.00	9,750.00	12,432.43	9,729.80	40.37	40.00	-89.57	2,775.29	-3,261.72	2,721.67	2,641.30	80.37	33.865		
12,000.00	9,750.00	12,532.43	9,729.80	40.76	40.40	-89.57	2,875.28	-3,262.60	2,721.70	2,640.54	81.16	33.536		
12,100.00	9,750.00	12,632.43	9,729.80	41.16	40.81	-89.57	2,975.28	-3,263.48	2,721.73	2,639.76	81.97	33.206		
12,200.00	9,750.00	12,732.43	9,729.80	41.58	41.22	-89.57	3,075.28	-3,264.36	2,721.76	2,638.97	82.80	32.873		
12,300.00	9,750.00	12,832.43	9,729.80	42.00	41.65	-89.57	3,175.27	-3,265.23	2,721.79	2,638.15	83.64	32.540		
12,400.00	9,750.00	12,932.43	9,729.80	42.43	42.09	-89.57	3,275.27	-3,266.11	2,721.82	2,637.31	84.51	32.206		
12,500.00	9,750.00	13,032.43	9,729.80	42.87	42.54	-89.57	3,375.27	-3,266.99	2,721.86	2,636.45	85.40	31.871		
12,600.00	9,750.00	13,132.43	9,729.80	43.32	42.99	-89.57	3,475.26	-3,267.86	2,721.89	2,635.58	86.31	31.537		
12,700.00	9,750.00	13,232.43	9,729.80	43.78	43.46	-89.57	3,575.26	-3,268.74	2,721.92	2,634.68	87.23	31.203		
12,800.00	9,750.00	13,332.43	9,729.80	44.25	43.93	-89.57	3,675.25	-3,269.62	2,721.95	2,633.77	88.17	30.870		
12,900.00	9,750.00	13,432.43	9,729.80	44.73	44.41	-89.57	3,775.25	-3,270.50	2,721.98	2,632.85	89.13	30.539		
13,000.00	9,750.00	13,532.43	9,729.80	45.21	44.90	-89.57	3,875.25	-3,271.37	2,722.01	2,631.90	90.11	30.209		
13,100.00	9,750.00	13,632.43	9,729.80	45.71	45.40	-89.57	3,975.24	-3,272.25	2,722.04	2,630.95	91.10	29.881		
13,200.00	9,750.00	13,732.43	9,729.80	46.21	45.90	-89.57	4,075.24	-3,273.13	2,722.07	2,629.97	92.10	29.555		
13,300.00	9,750.00	13,832.43	9,729.80	46.71	46.41	-89.57	4,175.23	-3,274.00	2,722.11	2,628.98	93.12	29.232		
13,400.00	9,750.00	13,932.43	9,729.80	47.23	46.93	-89.57	4,275.23	-3,274.88	2,722.14	2,627.98	94.15	28.911		
13,500.00	9,750.00	14,032.43	9,729.80	47.75	47.46	-89.57	4,375.23	-3,275.76	2,722.17	2,626.97	95.20	28.594		
13,600.00	9,750.00	14,132.43	9,729.80	48.28	47.99	-89.57	4,475.22	-3,276.64	2,722.20	2,625.94	96.26	28.279		
13,700.00	9,750.00	14,232.43	9,729.80	48.81	48.53	-89.57	4,575.22	-3,277.51	2,722.23	2,624.89	97.34	27.968		
13,800.00	9,750.00	14,332.43	9,729.80	49.35	49.07	-89.57	4,675.22	-3,278.39	2,722.26	2,623.84	98.42	27.659		
13,900.00	9,750.00	14,432.43	9,729.80	49.90	49.62	-89.57	4,775.21	-3,279.27	2,722.29	2,622.77	99.52	27.355		
14,000.00	9,750.00	14,532.43	9,729.80	50.45	50.18	-89.57	4,875.21	-3,280.14	2,722.32	2,621.70	100.63	27.053		
14,100.00	9,750.00	14,632.43	9,729.80	51.01	50.74	-89.57	4,975.20	-3,281.02	2,722.36	2,620.61	101.75	26.756		
14,200.00	9,750.00	14,732.43	9,729.80	51.57	51.31	-89.57	5,075.20	-3,281.90	2,722.39	2,619.51	102.88	26.462		
14,300.00	9,750.00	14,832.43	9,729.80	52.14	51.88	-89.57	5,175.20	-3,282.78	2,722.42	2,618.40	104.02	26.172		
14,400.00	9,750.00	14,932.43	9,729.80	52.71	52.46	-89.57	5,275.19	-3,283.65	2,722.45	2,617.28	105.17	25.886		
14,500.00	9,750.00	15,032.43	9,729.80	53.29	53.04	-89.57	5,375.19	-3,284.53	2,722.48	2,616.15	106.33	25.603		
14,600.00	9,750.00	15,132.43	9,729.80	53.88	53.63	-89.57	5,475.18	-3,285.41	2,722.51	2,615.01	107.51	25.324		
14,700.00	9,750.00	15,232.43	9,729.80	54.46	54.22	-89.57	5,575.18	-3,286.28	2,722.54	2,613.86	108.69	25.050		
14,800.00	9,750.00	15,332.43	9,729.80	55.06	54.82	-89.57	5,675.18	-3,287.16	2,722.57	2,612.70	109.87	24.779		
14,900.00	9,750.00	15,432.43	9,729.80	55.65	55.42	-89.57	5,775.17	-3,288.04	2,722.61	2,611.53	111.07	24.512		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis		Highside		Offset Wellbore Centre		Rule Assigned:				Warning
Measured Reference	Vertical Offset	Measured	Vertical	Reference	Offset	Toolface	+N/-S	+E/-W	Between	Between	Minimum	Separation		
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
15,000.00	9,750.00	15,532.43	9,729.80	56.26	56.02	-89.57	5,875.17	-3,288.92	2,722.64	2,610.36	112.28	24.249		
15,100.00	9,750.00	15,632.43	9,729.80	56.86	56.63	-89.57	5,975.17	-3,289.79	2,722.67	2,609.18	113.49	23.990		
15,200.00	9,750.00	15,732.43	9,729.80	57.47	57.24	-89.57	6,075.16	-3,290.67	2,722.70	2,607.98	114.71	23.735		
15,300.00	9,750.00	15,832.43	9,729.80	58.08	57.86	-89.57	6,175.16	-3,291.55	2,722.73	2,606.79	115.94	23.483		
15,400.00	9,750.00	15,932.43	9,729.80	58.70	58.48	-89.57	6,275.15	-3,292.42	2,722.76	2,605.58	117.18	23.236		
15,500.00	9,750.00	16,032.43	9,729.80	59.32	59.10	-89.57	6,375.15	-3,293.30	2,722.79	2,604.37	118.42	22.992		
15,600.00	9,750.00	16,132.43	9,729.80	59.94	59.73	-89.57	6,475.15	-3,294.18	2,722.82	2,603.15	119.68	22.752		
15,700.00	9,750.00	16,232.43	9,729.80	60.57	60.36	-89.57	6,575.14	-3,295.06	2,722.86	2,601.92	120.93	22.515		
15,800.00	9,750.00	16,332.43	9,729.80	61.20	60.99	-89.57	6,675.14	-3,295.93	2,722.89	2,600.69	122.20	22.283		
15,900.00	9,750.00	16,432.43	9,729.80	61.83	61.63	-89.57	6,775.13	-3,296.81	2,722.92	2,599.45	123.47	22.054		
16,000.00	9,750.00	16,532.43	9,729.80	62.47	62.27	-89.57	6,875.13	-3,297.69	2,722.95	2,598.21	124.74	21.828		
16,100.00	9,750.00	16,632.43	9,729.80	63.11	62.91	-89.57	6,975.13	-3,298.56	2,722.98	2,596.96	126.03	21.607		
16,200.00	9,750.00	16,732.43	9,729.80	63.75	63.56	-89.57	7,075.12	-3,299.44	2,723.01	2,595.70	127.31	21.388		
16,300.00	9,750.00	16,832.43	9,729.80	64.40	64.20	-89.57	7,175.12	-3,300.32	2,723.04	2,594.44	128.61	21.173		
16,400.00	9,750.00	16,932.43	9,729.80	65.04	64.86	-89.57	7,275.12	-3,301.20	2,723.07	2,593.17	129.90	20.962		
16,500.00	9,750.00	17,032.43	9,729.80	65.69	65.51	-89.57	7,375.11	-3,302.07	2,723.11	2,591.90	131.21	20.754		
16,600.00	9,750.00	17,132.43	9,729.80	66.35	66.16	-89.57	7,475.11	-3,302.95	2,723.14	2,590.62	132.52	20.549		
16,700.00	9,750.00	17,232.43	9,729.80	67.00	66.82	-89.57	7,575.10	-3,303.83	2,723.17	2,589.34	133.83	20.348		
16,800.00	9,750.00	17,332.43	9,729.80	67.66	67.48	-89.57	7,675.10	-3,304.70	2,723.20	2,588.05	135.15	20.149		
16,900.00	9,750.00	17,432.43	9,729.80	68.32	68.14	-89.57	7,775.10	-3,305.58	2,723.23	2,586.76	136.47	19.954		
17,000.00	9,750.00	17,532.43	9,729.80	68.98	68.81	-89.57	7,875.09	-3,306.46	2,723.26	2,585.46	137.80	19.762		
17,100.00	9,750.00	17,632.43	9,729.80	69.65	69.48	-89.57	7,975.09	-3,307.34	2,723.29	2,584.16	139.13	19.573		
17,200.00	9,750.00	17,732.43	9,729.80	70.31	70.15	-89.57	8,075.08	-3,308.21	2,723.33	2,582.86	140.47	19.387		
17,300.00	9,750.00	17,832.43	9,729.80	70.98	70.82	-89.57	8,175.08	-3,309.09	2,723.36	2,581.55	141.81	19.204		
17,400.00	9,750.00	17,932.43	9,729.80	71.65	71.49	-89.57	8,275.08	-3,309.97	2,723.39	2,580.23	143.15	19.024		
17,500.00	9,750.00	18,032.43	9,729.80	72.33	72.17	-89.57	8,375.07	-3,310.84	2,723.42	2,578.92	144.50	18.847		
17,600.00	9,750.00	18,132.43	9,729.80	73.00	72.84	-89.57	8,475.07	-3,311.72	2,723.45	2,577.60	145.85	18.672		
17,700.00	9,750.00	18,232.43	9,729.80	73.68	73.52	-89.57	8,575.07	-3,312.60	2,723.48	2,576.27	147.21	18.501		
17,800.00	9,750.00	18,332.43	9,729.80	74.36	74.20	-89.57	8,675.06	-3,313.48	2,723.51	2,574.94	148.57	18.332		
17,900.00	9,750.00	18,432.43	9,729.80	75.04	74.88	-89.58	8,775.06	-3,314.35	2,723.54	2,573.61	149.93	18.165		
18,000.00	9,750.00	18,532.43	9,729.80	75.72	75.57	-89.58	8,875.05	-3,315.23	2,723.58	2,572.28	151.30	18.001		
18,100.00	9,750.00	18,632.43	9,729.80	76.40	76.25	-89.58	8,975.05	-3,316.11	2,723.61	2,570.94	152.67	17.840		
18,200.00	9,750.00	18,732.43	9,729.80	77.09	76.94	-89.58	9,075.05	-3,316.99	2,723.64	2,569.60	154.04	17.681		
18,300.00	9,750.00	18,832.43	9,729.80	77.77	77.63	-89.58	9,175.04	-3,317.86	2,723.67	2,568.25	155.42	17.525		
18,400.00	9,750.00	18,932.43	9,729.80	78.46	78.32	-89.58	9,275.04	-3,318.74	2,723.70	2,566.91	156.79	17.371		
18,500.00	9,750.00	19,032.43	9,729.80	79.15	79.01	-89.58	9,375.03	-3,319.62	2,723.73	2,565.55	158.18	17.220		
18,600.00	9,750.00	19,132.43	9,729.80	79.84	79.70	-89.58	9,475.03	-3,320.49	2,723.76	2,564.20	159.56	17.070		
18,700.00	9,750.00	19,232.43	9,729.80	80.53	80.40	-89.58	9,575.03	-3,321.37	2,723.79	2,562.85	160.95	16.923		
18,800.00	9,750.00	19,332.43	9,729.80	81.23	81.10	-89.58	9,675.02	-3,322.25	2,723.83	2,561.49	162.34	16.779		
18,900.00	9,750.00	19,432.43	9,729.80	81.92	81.79	-89.58	9,775.02	-3,323.13	2,723.86	2,560.12	163.73	16.636		
19,000.00	9,750.00	19,532.43	9,729.80	82.62	82.49	-89.58	9,875.02	-3,324.00	2,723.89	2,558.76	165.13	16.496		
19,100.00	9,750.00	19,632.43	9,729.80	83.32	83.19	-89.58	9,975.01	-3,324.88	2,723.92	2,557.39	166.53	16.357		
19,200.00	9,750.00	19,732.43	9,729.80	84.02	83.89	-89.58	10,075.01	-3,325.76	2,723.95	2,556.02	167.93	16.221		
19,300.00	9,750.00	19,832.43	9,729.80	84.72	84.59	-89.58	10,175.00	-3,326.63	2,723.98	2,554.65	169.33	16.087		
19,400.00	9,750.00	19,932.43	9,729.80	85.42	85.30	-89.58	10,275.00	-3,327.51	2,724.01	2,553.28	170.73	15.955		
19,500.00	9,750.00	20,032.43	9,729.80	86.12	86.00	-89.58	10,375.00	-3,328.39	2,724.04	2,551.90	172.14	15.824		
19,600.00	9,750.00	20,132.43	9,729.80	86.83	86.71	-89.58	10,474.99	-3,329.27	2,724.08	2,550.52	173.55	15.696		
19,700.00	9,750.00	20,232.43	9,729.80	87.53	87.41	-89.58	10,574.99	-3,330.14	2,724.11	2,549.14	174.96	15.570		
19,800.00	9,750.00	20,332.43	9,729.80	88.24	88.12	-89.58	10,674.98	-3,331.02	2,724.14	2,547.76	176.38	15.445		
19,900.00	9,750.00	20,432.43	9,729.80	88.94	88.83	-89.58	10,774.98	-3,331.90	2,724.17	2,546.38	177.79	15.322		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,000.00	9,750.00	20,532.43	9,729.80	89.65	89.54	-89.58	10,874.98	-3,332.77	2,724.20	2,544.99	179.21	15.201		
20,100.00	9,750.00	20,632.43	9,729.80	90.36	90.25	-89.58	10,974.97	-3,333.65	2,724.23	2,543.60	180.63	15.082		
20,200.00	9,750.00	20,732.43	9,729.80	91.07	90.96	-89.58	11,074.97	-3,334.53	2,724.26	2,542.21	182.05	14.964		
20,300.00	9,750.00	20,832.43	9,729.80	91.78	91.67	-89.58	11,174.96	-3,335.41	2,724.29	2,540.82	183.48	14.848		
20,400.00	9,750.00	20,932.43	9,729.80	92.50	92.39	-89.58	11,274.96	-3,336.28	2,724.33	2,539.42	184.90	14.734		
20,500.00	9,750.00	21,032.43	9,729.80	93.21	93.10	-89.58	11,374.96	-3,337.16	2,724.36	2,538.03	186.33	14.621		
20,600.00	9,750.00	21,132.43	9,729.80	93.92	93.82	-89.58	11,474.95	-3,338.04	2,724.39	2,536.63	187.76	14.510		
20,700.00	9,750.00	21,232.43	9,729.80	94.64	94.53	-89.58	11,574.95	-3,338.91	2,724.42	2,535.23	189.19	14.400		
20,800.00	9,750.00	21,332.43	9,729.80	95.35	95.25	-89.58	11,674.95	-3,339.79	2,724.45	2,533.83	190.62	14.292		
20,900.00	9,750.00	21,432.43	9,729.80	96.07	95.97	-89.58	11,774.94	-3,340.67	2,724.48	2,532.42	192.06	14.186		
21,000.00	9,750.00	21,532.43	9,729.80	96.79	96.69	-89.58	11,874.94	-3,341.55	2,724.51	2,531.02	193.50	14.081		
21,100.00	9,750.00	21,632.43	9,729.80	97.50	97.41	-89.58	11,974.93	-3,342.42	2,724.54	2,529.61	194.93	13.977		
21,200.00	9,750.00	21,732.43	9,729.80	98.22	98.13	-89.58	12,074.93	-3,343.30	2,724.58	2,528.20	196.37	13.875		
21,300.00	9,750.00	21,832.43	9,729.80	98.94	98.85	-89.58	12,174.93	-3,344.18	2,724.61	2,526.79	197.81	13.774		
21,400.00	9,750.00	21,932.43	9,729.80	99.66	99.57	-89.58	12,274.92	-3,345.05	2,724.64	2,525.38	199.25	13.674		
21,500.00	9,750.00	22,032.43	9,729.80	100.38	100.29	-89.58	12,374.92	-3,345.93	2,724.67	2,523.97	200.70	13.576		
21,600.00	9,750.00	22,132.43	9,729.80	101.11	101.01	-89.58	12,474.91	-3,346.81	2,724.70	2,522.56	202.14	13.479		
21,700.00	9,750.00	22,232.43	9,729.80	101.83	101.74	-89.58	12,574.91	-3,347.69	2,724.73	2,521.14	203.59	13.383		
21,800.00	9,750.00	22,332.43	9,729.80	102.55	102.46	-89.58	12,674.91	-3,348.56	2,724.76	2,519.73	205.04	13.289		
21,900.00	9,750.00	22,432.43	9,729.80	103.27	103.19	-89.58	12,774.90	-3,349.44	2,724.80	2,518.31	206.49	13.196		
22,000.00	9,750.00	22,532.43	9,729.80	104.00	103.91	-89.58	12,874.90	-3,350.32	2,724.83	2,516.89	207.94	13.104		
22,100.00	9,750.00	22,632.43	9,729.80	104.72	104.64	-89.58	12,974.90	-3,351.19	2,724.86	2,515.47	209.39	13.013		
22,200.00	9,750.00	22,732.43	9,729.80	105.45	105.37	-89.58	13,074.89	-3,352.07	2,724.89	2,514.05	210.84	12.924		
22,300.00	9,750.00	22,832.43	9,729.80	106.18	106.09	-89.58	13,174.89	-3,352.95	2,724.92	2,512.62	212.30	12.835		
22,400.00	9,750.00	22,932.43	9,729.80	106.90	106.82	-89.58	13,274.88	-3,353.83	2,724.95	2,511.20	213.75	12.748		
22,500.00	9,750.00	23,032.43	9,729.80	107.63	107.55	-89.58	13,374.88	-3,354.70	2,724.98	2,509.78	215.21	12.662		
22,600.00	9,750.00	23,132.43	9,729.80	108.36	108.28	-89.58	13,474.88	-3,355.58	2,725.01	2,508.35	216.67	12.577		
22,700.00	9,750.00	23,232.43	9,729.80	109.09	109.01	-89.58	13,574.87	-3,356.46	2,725.05	2,506.92	218.12	12.493		
22,800.00	9,750.00	23,332.43	9,729.80	109.82	109.74	-89.58	13,674.87	-3,357.33	2,725.08	2,505.49	219.58	12.410		
22,900.00	9,750.00	23,432.43	9,729.80	110.55	110.47	-89.58	13,774.86	-3,358.21	2,725.11	2,504.06	221.04	12.328		
23,000.00	9,750.00	23,532.43	9,729.80	111.28	111.20	-89.58	13,874.86	-3,359.09	2,725.14	2,502.63	222.51	12.247		
23,100.00	9,750.00	23,632.43	9,729.80	112.01	111.93	-89.58	13,974.86	-3,359.97	2,725.17	2,501.20	223.97	12.168		
23,200.00	9,750.00	23,732.43	9,729.80	112.74	112.67	-89.58	14,074.85	-3,360.84	2,725.20	2,499.77	225.43	12.089		
23,300.00	9,750.00	23,832.43	9,729.80	113.47	113.40	-89.58	14,174.85	-3,361.72	2,725.23	2,498.33	226.90	12.011		
23,400.00	9,750.00	23,932.43	9,729.80	114.20	114.13	-89.58	14,274.85	-3,362.60	2,725.26	2,496.90	228.36	11.934		
23,500.00	9,750.00	24,032.43	9,729.80	114.94	114.87	-89.58	14,374.84	-3,363.47	2,725.30	2,495.46	229.83	11.858		
23,600.00	9,750.00	24,132.43	9,729.80	115.67	115.60	-89.58	14,474.84	-3,364.35	2,725.33	2,494.03	231.30	11.783		
23,700.00	9,750.00	24,232.43	9,729.80	116.40	116.34	-89.58	14,574.83	-3,365.23	2,725.36	2,492.59	232.77	11.708		
23,800.00	9,750.00	24,332.43	9,729.80	117.14	117.07	-89.58	14,674.83	-3,366.11	2,725.39	2,491.15	234.24	11.635		
23,900.00	9,750.00	24,432.43	9,729.80	117.87	117.81	-89.58	14,774.83	-3,366.98	2,725.42	2,489.71	235.71	11.563		
24,000.00	9,750.00	24,532.43	9,729.80	118.61	118.54	-89.58	14,874.82	-3,367.86	2,725.45	2,488.27	237.18	11.491		
24,100.00	9,750.00	24,632.43	9,729.80	119.34	119.28	-89.58	14,974.82	-3,368.74	2,725.48	2,486.83	238.65	11.420		
24,200.00	9,750.00	24,732.43	9,729.80	120.08	120.02	-89.58	15,074.81	-3,369.61	2,725.51	2,485.39	240.13	11.350		
24,300.00	9,750.00	24,832.43	9,729.80	120.82	120.75	-89.58	15,174.81	-3,370.49	2,725.55	2,483.95	241.60	11.281		
24,400.00	9,750.00	24,932.43	9,729.80	121.55	121.49	-89.58	15,274.81	-3,371.37	2,725.58	2,482.50	243.07	11.213		
24,500.00	9,750.00	25,032.43	9,729.80	122.29	122.23	-89.58	15,374.80	-3,372.25	2,725.61	2,481.06	244.55	11.145		
24,600.00	9,750.00	25,132.43	9,729.80	123.03	122.97	-89.58	15,474.80	-3,373.12	2,725.64	2,479.61	246.03	11.079		
24,700.00	9,750.00	25,232.43	9,729.80	123.77	123.71	-89.58	15,574.80	-3,374.00	2,725.67	2,478.17	247.50	11.013		
24,800.00	9,750.00	25,332.43	9,729.80	124.50	124.45	-89.58	15,674.79	-3,374.88	2,725.70	2,476.72	248.98	10.947		
24,900.00	9,750.00	25,432.43	9,729.80	125.24	125.19	-89.58	15,774.79	-3,375.75	2,725.73	2,475.27	250.46	10.883		
25,000.00	9,750.00	25,532.43	9,729.80	125.98	125.93	-89.58	15,874.78	-3,376.63	2,725.76	2,473.83	251.94	10.819		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Reference		Offset		Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
25,100.00	9,750.00	25,632.43	9,729.80	126.72	126.67	-89.58	15,974.78	-3,377.51	2,725.80	2,472.38	253.42	10.756	
25,200.00	9,750.00	25,732.43	9,729.80	127.46	127.41	-89.58	16,074.78	-3,378.39	2,725.83	2,470.93	254.90	10.694	
25,300.00	9,750.00	25,832.43	9,729.80	128.20	128.15	-89.58	16,174.77	-3,379.26	2,725.86	2,469.48	256.38	10.632	
25,400.00	9,750.00	25,932.43	9,729.80	128.94	128.89	-89.58	16,274.77	-3,380.14	2,725.89	2,468.03	257.86	10.571	
25,500.00	9,750.00	26,032.43	9,729.80	129.68	129.63	-89.58	16,374.76	-3,381.02	2,725.92	2,466.57	259.35	10.511	
25,600.00	9,750.00	26,132.43	9,729.80	130.43	130.37	-89.58	16,474.76	-3,381.89	2,725.95	2,465.12	260.83	10.451	
25,700.00	9,750.00	26,232.43	9,729.80	131.17	131.12	-89.58	16,574.76	-3,382.77	2,725.98	2,463.67	262.31	10.392	
25,800.00	9,750.00	26,332.43	9,729.80	131.91	131.86	-89.58	16,674.75	-3,383.65	2,726.01	2,462.22	263.80	10.334	
25,900.00	9,750.00	26,432.43	9,729.80	132.65	132.60	-89.58	16,774.75	-3,384.53	2,726.05	2,460.76	265.28	10.276	
26,000.00	9,750.00	26,532.43	9,729.80	133.39	133.34	-89.58	16,874.75	-3,385.40	2,726.08	2,459.31	266.77	10.219	
26,100.00	9,750.00	26,632.43	9,729.80	134.14	134.09	-89.58	16,974.74	-3,386.28	2,726.11	2,457.85	268.26	10.162	
26,200.00	9,750.00	26,732.43	9,729.80	134.88	134.83	-89.58	17,074.74	-3,387.16	2,726.14	2,456.40	269.74	10.106	
26,300.00	9,750.00	26,832.43	9,729.80	135.62	135.58	-89.58	17,174.73	-3,388.03	2,726.17	2,454.94	271.23	10.051	
26,400.00	9,750.00	26,932.43	9,729.80	136.37	136.32	-89.58	17,274.73	-3,388.91	2,726.20	2,453.48	272.72	9.996	
26,500.00	9,750.00	27,032.43	9,729.80	137.11	137.07	-89.58	17,374.73	-3,389.79	2,726.23	2,452.03	274.21	9.942	
26,600.00	9,750.00	27,132.43	9,729.80	137.85	137.81	-89.58	17,474.72	-3,390.67	2,726.26	2,450.57	275.70	9.889	
26,700.00	9,750.00	27,232.43	9,729.80	138.60	138.56	-89.58	17,574.72	-3,391.54	2,726.30	2,449.11	277.19	9.836	
26,800.00	9,750.00	27,332.43	9,729.80	139.34	139.30	-89.58	17,674.71	-3,392.42	2,726.33	2,447.65	278.68	9.783	
26,900.00	9,750.00	27,432.43	9,729.80	140.09	140.05	-89.58	17,774.71	-3,393.30	2,726.36	2,446.19	280.17	9.731	
27,000.00	9,750.00	27,532.43	9,729.80	140.83	140.79	-89.58	17,874.71	-3,394.17	2,726.39	2,444.73	281.66	9.680	
27,100.00	9,750.00	27,632.43	9,729.80	141.58	141.54	-89.58	17,974.70	-3,395.05	2,726.42	2,443.27	283.15	9.629	
27,200.00	9,750.00	27,732.43	9,729.80	142.33	142.29	-89.58	18,074.70	-3,395.93	2,726.45	2,441.81	284.65	9.578	
27,300.00	9,750.00	27,832.43	9,729.80	143.07	143.03	-89.58	18,174.70	-3,396.81	2,726.48	2,440.35	286.14	9.529	
27,400.00	9,750.00	27,932.43	9,729.80	143.82	143.78	-89.58	18,274.69	-3,397.68	2,726.52	2,438.88	287.63	9.479	
27,500.00	9,750.00	28,032.43	9,729.80	144.57	144.53	-89.58	18,374.69	-3,398.56	2,726.55	2,437.42	289.13	9.430	
27,600.00	9,750.00	28,132.43	9,729.80	145.31	145.27	-89.58	18,474.68	-3,399.44	2,726.58	2,435.96	290.62	9.382	
27,700.00	9,750.00	28,232.43	9,729.80	146.06	146.02	-89.58	18,574.68	-3,400.31	2,726.61	2,434.49	292.12	9.334	
27,800.00	9,750.00	28,332.43	9,729.80	146.81	146.77	-89.58	18,674.68	-3,401.19	2,726.64	2,433.03	293.61	9.287	
27,900.00	9,750.00	28,432.43	9,729.80	147.55	147.52	-89.58	18,774.67	-3,402.07	2,726.67	2,431.57	295.11	9.240	
28,000.00	9,750.00	28,532.43	9,729.80	148.30	148.27	-89.58	18,874.67	-3,402.95	2,726.70	2,430.10	296.60	9.193	
28,100.00	9,750.00	28,632.43	9,729.80	149.05	149.02	-89.58	18,974.66	-3,403.82	2,726.73	2,428.63	298.10	9.147	
28,200.00	9,750.00	28,732.43	9,729.80	149.80	149.76	-89.58	19,074.66	-3,404.70	2,726.77	2,427.17	299.60	9.101	
28,300.00	9,750.00	28,832.43	9,729.80	150.55	150.51	-89.58	19,174.66	-3,405.58	2,726.80	2,425.70	301.09	9.056	
28,400.00	9,750.00	28,932.43	9,729.80	151.30	151.26	-89.58	19,274.65	-3,406.45	2,726.83	2,424.24	302.59	9.012	
28,500.00	9,750.00	29,032.43	9,729.80	152.04	152.01	-89.58	19,374.65	-3,407.33	2,726.86	2,422.77	304.09	8.967	
28,600.00	9,750.00	29,132.43	9,729.80	152.79	152.76	-89.58	19,474.65	-3,408.21	2,726.89	2,421.30	305.59	8.923	
28,700.00	9,750.00	29,232.43	9,729.80	153.54	153.51	-89.58	19,574.64	-3,409.09	2,726.92	2,419.83	307.09	8.880	
28,800.00	9,750.00	29,332.43	9,729.80	154.29	154.26	-89.58	19,674.64	-3,409.96	2,726.95	2,418.36	308.59	8.837	
28,900.00	9,750.00	29,432.43	9,729.80	155.04	155.01	-89.58	19,774.63	-3,410.84	2,726.98	2,416.90	310.09	8.794	
29,000.00	9,750.00	29,532.43	9,729.80	155.79	155.76	-89.58	19,874.63	-3,411.72	2,727.02	2,415.43	311.59	8.752	
29,100.00	9,750.00	29,632.43	9,729.80	156.54	156.51	-89.58	19,974.63	-3,412.59	2,727.05	2,413.96	313.09	8.710	
29,200.00	9,750.00	29,732.43	9,729.80	157.29	157.26	-89.58	20,074.62	-3,413.47	2,727.08	2,412.49	314.59	8.669	
29,300.00	9,750.00	29,832.43	9,729.80	158.04	158.01	-89.58	20,174.62	-3,414.35	2,727.11	2,411.02	316.09	8.628	
29,400.00	9,750.00	29,932.43	9,729.80	158.79	158.77	-89.58	20,274.61	-3,415.23	2,727.14	2,409.55	317.59	8.587	
29,500.00	9,750.00	30,032.43	9,729.80	159.54	159.52	-89.58	20,374.61	-3,416.10	2,727.17	2,408.08	319.10	8.547	
29,600.00	9,750.00	30,132.43	9,729.80	160.29	160.27	-89.58	20,474.61	-3,416.98	2,727.20	2,406.60	320.60	8.507	
29,700.00	9,750.00	30,232.43	9,729.80	161.05	161.02	-89.58	20,574.60	-3,417.86	2,727.23	2,405.13	322.10	8.467	
29,800.00	9,750.00	30,332.43	9,729.80	161.80	161.77	-89.58	20,674.60	-3,418.73	2,727.27	2,403.66	323.60	8.428	
29,900.00	9,750.00	30,432.43	9,729.80	162.55	162.52	-89.58	20,774.60	-3,419.61	2,727.30	2,402.19	325.11	8.389	
30,000.00	9,750.00	30,532.43	9,729.80	163.30	163.28	-89.58	20,874.59	-3,420.49	2,727.33	2,400.72	326.61	8.350	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 221H - OH - Plan #1

Survey Program:		Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
30,100.00	9,750.00	30,632.43	9,729.80	164.05	164.03	-89.58	20,974.59	-3,421.37	2,727.36	2,399.24	328.12	8.312			
30,200.00	9,750.00	30,732.43	9,729.80	164.80	164.78	-89.58	21,074.58	-3,422.24	2,727.39	2,397.77	329.62	8.274			
30,300.00	9,750.00	30,832.43	9,729.80	165.56	165.53	-89.58	21,174.58	-3,423.12	2,727.42	2,396.30	331.13	8.237			
30,392.52	9,750.00	30,924.95	9,729.80	166.25	166.23	-89.58	21,267.10	-3,423.93	2,727.45	2,394.93	332.52	8.202	ES, SF		

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Warning
Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation		
Depth	Depth	Depth	Depth	(usft)	(usft)	Toolface	(usft)	(usft)	Centres	Ellipses	Separation	Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
0.00	0.00	19.90	0.00	0.00	0.05	-84.37	257.20	-2,608.67	2,621.32					
100.00	100.00	119.90	100.00	0.28	0.35	-84.37	257.20	-2,608.67	2,621.32	2,620.70	0.62	4,204.991		
200.00	200.00	219.90	200.00	0.63	0.71	-84.37	257.20	-2,608.67	2,621.32	2,619.98	1.34	1,955.732		
300.00	300.00	319.90	300.00	0.99	1.06	-84.37	257.20	-2,608.67	2,621.32	2,619.26	2.06	1,274.174		
400.00	400.00	419.90	400.00	1.35	1.42	-84.37	257.20	-2,608.67	2,621.32	2,618.54	2.77	944.888		
500.00	500.00	519.90	500.00	1.71	1.78	-84.37	257.20	-2,608.67	2,621.32	2,617.83	3.49	750.846		
600.00	600.00	619.90	600.00	2.07	2.14	-84.37	257.20	-2,608.67	2,621.32	2,617.11	4.21	622.922		
700.00	700.00	719.90	700.00	2.43	2.50	-84.37	257.20	-2,608.67	2,621.32	2,616.39	4.93	532.243		
800.00	800.00	819.90	800.00	2.79	2.86	-84.37	257.20	-2,608.67	2,621.32	2,615.68	5.64	464.609		
900.00	900.00	919.90	900.00	3.14	3.22	-84.37	257.20	-2,608.67	2,621.32	2,614.96	6.36	412.227		
1,000.00	1,000.00	1,019.90	1,000.00	3.50	3.57	-84.37	257.20	-2,608.67	2,621.32	2,614.24	7.08	370.459		
1,100.00	1,100.00	1,119.90	1,100.00	3.86	3.93	-84.37	257.20	-2,608.67	2,621.32	2,613.53	7.79	336.376		
1,200.00	1,200.00	1,286.72	1,266.80	4.22	4.52	-84.38	256.39	-2,607.64	2,621.06	2,612.33	8.73	300.076		
1,300.00	1,299.98	1,586.60	1,565.56	4.57	5.53	-33.14	241.24	-2,588.43	2,611.72	2,601.66	10.06	259.519		
1,400.00	1,399.84	1,685.09	1,663.33	4.93	5.87	-33.51	233.86	-2,579.08	2,597.22	2,586.47	10.75	241.538		
1,500.00	1,499.51	1,783.04	1,760.56	5.28	6.21	-33.84	226.53	-2,569.78	2,580.37	2,568.92	11.44	225.508		
1,600.00	1,599.15	1,880.94	1,857.74	5.64	6.55	-34.09	219.19	-2,560.48	2,563.31	2,551.18	12.13	211.301		
1,700.00	1,698.79	1,978.83	1,954.91	5.99	6.89	-34.34	211.86	-2,551.19	2,546.31	2,533.48	12.82	198.572		
1,800.00	1,798.44	2,076.72	2,052.09	6.35	7.24	-34.60	204.53	-2,541.89	2,529.35	2,515.84	13.52	187.110		
1,900.00	1,898.08	2,174.62	2,149.26	6.71	7.59	-34.87	197.20	-2,532.60	2,512.45	2,498.24	14.22	176.741		
2,000.00	1,997.73	2,272.51	2,246.44	7.07	7.93	-35.13	189.87	-2,523.30	2,495.60	2,480.69	14.92	167.321		
2,100.00	2,097.37	2,370.40	2,343.61	7.43	8.28	-35.40	182.54	-2,514.01	2,478.80	2,463.19	15.62	158.729		
2,200.00	2,197.01	2,468.30	2,440.79	7.78	8.63	-35.67	175.21	-2,504.71	2,462.06	2,445.74	16.32	150.864		
2,300.00	2,296.66	2,566.19	2,537.96	8.14	8.99	-35.95	167.88	-2,495.42	2,445.38	2,428.35	17.02	143.639		
2,400.00	2,396.30	2,664.08	2,635.14	8.50	9.34	-36.23	160.55	-2,486.12	2,428.75	2,411.02	17.73	136.981		
2,500.00	2,495.94	2,761.97	2,732.31	8.86	9.69	-36.52	153.22	-2,476.82	2,412.18	2,393.74	18.44	130.829		
2,600.00	2,595.59	2,859.87	2,829.49	9.22	10.04	-36.80	145.88	-2,467.53	2,395.67	2,376.52	19.15	125.126		
2,700.00	2,695.23	2,957.76	2,926.66	9.58	10.40	-37.10	138.55	-2,458.23	2,379.22	2,359.36	19.86	119.828		
2,800.00	2,794.88	3,055.65	3,023.83	9.94	10.75	-37.39	131.22	-2,448.94	2,362.83	2,342.26	20.57	114.894		
2,900.00	2,894.52	3,153.55	3,121.01	10.30	11.11	-37.69	123.89	-2,439.64	2,346.50	2,325.23	21.28	110.287		
3,000.00	2,994.16	3,251.44	3,218.18	10.66	11.46	-38.00	116.56	-2,430.35	2,330.24	2,308.26	21.99	105.978		
3,100.00	3,093.81	3,349.33	3,315.36	11.03	11.82	-38.31	109.23	-2,421.05	2,314.05	2,291.35	22.70	101.939		
3,200.00	3,193.45	3,447.23	3,412.53	11.39	12.18	-38.62	101.90	-2,411.76	2,297.92	2,274.51	23.41	98.146		
3,300.00	3,293.10	3,545.12	3,509.71	11.75	12.53	-38.94	94.57	-2,402.46	2,281.86	2,257.74	24.13	94.578		
3,400.00	3,392.74	3,643.01	3,606.88	12.11	12.89	-39.26	87.24	-2,393.17	2,265.88	2,241.03	24.84	91.216		
3,500.00	3,492.38	3,740.91	3,704.06	12.47	13.25	-39.58	79.91	-2,383.87	2,249.96	2,224.40	25.56	88.042		
3,600.00	3,592.03	3,838.80	3,801.23	12.83	13.61	-39.91	72.58	-2,374.58	2,234.12	2,207.85	26.27	85.043		
3,700.00	3,691.67	3,936.69	3,898.41	13.19	13.96	-40.25	65.24	-2,365.28	2,218.35	2,191.36	26.99	82.203		
3,800.00	3,791.32	4,034.58	3,995.58	13.56	14.32	-40.59	57.91	-2,355.99	2,202.66	2,174.95	27.70	79.512		
3,900.00	3,890.96	4,132.48	4,092.75	13.92	14.68	-40.93	50.58	-2,346.69	2,187.04	2,158.62	28.42	76.959		
4,000.00	3,990.60	4,230.37	4,189.93	14.28	15.04	-41.28	43.25	-2,337.40	2,171.51	2,142.37	29.14	74.532		
4,100.00	4,090.25	4,328.26	4,287.10	14.64	15.40	-41.64	35.92	-2,328.10	2,156.05	2,126.20	29.85	72.224		
4,200.00	4,189.89	4,426.16	4,384.28	15.00	15.76	-42.00	28.59	-2,318.81	2,140.68	2,110.12	30.57	70.026		
4,300.00	4,289.54	4,524.05	4,481.45	15.37	16.12	-42.36	21.26	-2,309.51	2,125.40	2,094.11	31.29	67.931		
4,400.00	4,389.18	4,621.94	4,578.63	15.73	16.47	-42.73	13.93	-2,300.22	2,110.20	2,078.20	32.01	65.932		
4,500.00	4,488.82	4,719.84	4,675.80	16.09	16.83	-43.11	6.60	-2,290.92	2,095.09	2,062.37	32.72	64.023		
4,600.00	4,588.47	4,817.73	4,772.98	16.45	17.19	-43.49	-0.73	-2,281.63	2,080.08	2,046.63	33.44	62.198		
4,700.00	4,688.11	4,915.62	4,870.15	16.81	17.55	-43.87	-8.06	-2,272.33	2,065.15	2,030.99	34.16	60.452		
4,800.00	4,787.75	5,013.51	4,967.33	17.18	17.91	-44.26	-15.40	-2,263.04	2,050.32	2,015.44	34.88	58.781		
4,900.00	4,887.40	5,111.41	5,064.50	17.54	18.27	-44.66	-22.73	-2,253.74	2,035.59	1,999.98	35.60	57.179		
5,000.00	4,987.04	5,209.30	5,161.67	17.90	18.63	-45.06	-30.06	-2,244.45	2,020.95	1,984.63	36.32	55.643		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,086.69	5,307.19	5,258.85	18.26	18.99	-45.47	-37.39	-2,235.15	2,006.42	1,969.38	37.04	54.168		
5,200.00	5,186.33	5,405.09	5,356.02	18.63	19.35	-45.88	-44.72	-2,225.86	1,991.99	1,954.23	37.76	52.753		
5,300.00	5,285.97	5,502.98	5,453.20	18.99	19.71	-46.30	-52.05	-2,216.56	1,977.66	1,939.18	38.48	51.393		
5,400.00	5,385.62	5,600.87	5,550.37	19.35	20.07	-46.73	-59.38	-2,207.27	1,963.44	1,924.24	39.20	50.085		
5,500.00	5,485.26	5,698.77	5,647.55	19.71	20.43	-47.16	-66.71	-2,197.97	1,949.34	1,909.41	39.92	48.827		
5,600.00	5,584.91	5,796.66	5,744.72	20.08	20.79	-47.60	-74.04	-2,188.67	1,935.34	1,894.70	40.64	47.617		
5,700.00	5,684.55	5,894.55	5,841.90	20.44	21.15	-48.04	-81.37	-2,179.38	1,921.46	1,880.10	41.37	46.451		
5,800.00	5,784.19	5,992.44	5,939.07	20.80	21.51	-48.49	-88.70	-2,170.08	1,907.70	1,865.61	42.09	45.327		
5,900.00	5,883.84	6,090.34	6,036.25	21.16	21.88	-48.95	-96.04	-2,160.79	1,894.06	1,851.25	42.81	44.244		
6,000.00	5,983.48	6,188.23	6,133.42	21.53	22.24	-49.41	-103.37	-2,151.49	1,880.54	1,837.01	43.53	43.200		
6,100.00	6,083.13	6,286.12	6,230.60	21.89	22.60	-49.88	-110.70	-2,142.20	1,867.15	1,822.89	44.25	42.192		
6,200.00	6,182.77	6,384.02	6,327.77	22.25	22.96	-50.36	-118.03	-2,132.90	1,853.88	1,808.90	44.98	41.219		
6,300.00	6,282.41	6,481.91	6,424.94	22.61	23.32	-50.84	-125.36	-2,123.61	1,840.75	1,795.05	45.70	40.280		
6,400.00	6,382.06	6,579.80	6,522.12	22.98	23.68	-51.33	-132.69	-2,114.31	1,827.75	1,781.32	46.42	39.373		
6,500.00	6,481.70	6,677.70	6,619.29	23.34	24.04	-51.83	-140.02	-2,105.02	1,814.88	1,767.74	47.14	38.496		
6,600.00	6,581.35	6,775.59	6,716.47	23.70	24.40	-52.33	-147.35	-2,095.72	1,802.16	1,754.29	47.87	37.648		
6,700.00	6,680.99	6,873.48	6,813.64	24.06	24.76	-52.84	-154.68	-2,086.43	1,789.58	1,740.98	48.59	36.829		
6,800.00	6,780.63	6,971.37	6,910.82	24.43	25.12	-53.36	-162.01	-2,077.13	1,777.14	1,727.82	49.32	36.036		
6,900.00	6,880.28	7,069.27	7,007.99	24.79	25.48	-53.89	-169.35	-2,067.84	1,764.85	1,714.81	50.04	35.270		
7,000.00	6,979.92	7,167.16	7,105.17	25.15	25.85	-54.42	-176.68	-2,058.54	1,752.72	1,701.95	50.76	34.527		
7,100.00	7,079.56	7,265.05	7,202.34	25.52	26.21	-54.96	-184.01	-2,049.25	1,740.73	1,689.25	51.49	33.809		
7,200.00	7,179.21	7,362.95	7,299.52	25.88	26.57	-55.50	-191.34	-2,039.95	1,728.91	1,676.70	52.21	33.114		
7,300.00	7,278.85	7,460.84	7,396.69	26.24	26.93	-56.05	-198.67	-2,030.66	1,717.25	1,664.31	52.94	32.440		
7,400.00	7,378.50	7,558.73	7,493.86	26.60	27.29	-56.62	-206.00	-2,021.36	1,705.75	1,652.09	53.66	31.788		
7,500.00	7,478.14	7,656.63	7,591.04	26.97	27.65	-57.18	-213.33	-2,012.07	1,694.42	1,640.04	54.39	31.156		
7,600.00	7,577.78	7,754.52	7,688.21	27.33	28.01	-57.76	-220.66	-2,002.77	1,683.27	1,628.16	55.11	30.544		
7,700.00	7,677.43	7,852.41	7,785.39	27.69	28.38	-58.34	-227.99	-1,993.48	1,672.28	1,616.45	55.83	29.951		
7,800.00	7,777.07	7,950.30	7,882.56	28.06	28.74	-58.93	-235.32	-1,984.18	1,661.48	1,604.92	56.56	29.376		
7,900.00	7,876.72	8,048.20	7,979.74	28.42	29.10	-59.53	-242.65	-1,974.89	1,650.86	1,593.57	57.29	28.818		
8,000.00	7,976.36	8,146.09	8,076.91	28.78	29.46	-60.13	-249.99	-1,965.59	1,640.42	1,582.41	58.01	28.278		
8,100.00	8,076.00	8,243.98	8,174.09	29.15	29.82	-60.75	-257.32	-1,956.30	1,630.17	1,571.44	58.74	27.754		
8,200.00	8,175.65	8,341.88	8,271.26	29.51	30.18	-61.36	-264.65	-1,947.00	1,620.12	1,560.66	59.46	27.247		
8,300.00	8,275.29	8,439.77	8,368.44	29.87	30.54	-61.99	-271.98	-1,937.71	1,610.26	1,550.07	60.19	26.754		
8,400.00	8,374.94	8,537.66	8,465.61	30.23	30.91	-62.63	-279.31	-1,928.41	1,600.60	1,539.69	60.91	26.277		
8,500.00	8,474.58	8,635.56	8,562.78	30.60	31.27	-63.27	-286.64	-1,919.12	1,591.15	1,529.51	61.64	25.814		
8,600.00	8,574.22	8,733.45	8,659.96	30.96	31.63	-63.92	-293.97	-1,909.82	1,581.90	1,519.53	62.36	25.365		
8,700.00	8,673.87	8,831.34	8,757.13	31.32	31.99	-64.57	-301.30	-1,900.52	1,572.86	1,509.77	63.09	24.930		
8,800.00	8,773.51	8,917.20	8,842.42	31.69	32.31	-65.14	-307.45	-1,892.73	1,564.28	1,500.49	63.78	24.524		
8,900.00	8,873.16	9,000.00	8,924.89	32.05	32.61	-65.62	-311.99	-1,886.97	1,556.98	1,492.52	64.46	24.153		
9,000.00	8,972.80	9,078.04	9,002.78	32.41	32.89	-66.00	-314.92	-1,883.25	1,550.97	1,485.85	65.12	23.818		
9,100.00	9,072.44	10,240.24	9,729.88	32.78	35.31	-40.99	381.64	-1,886.89	1,521.86	1,458.20	63.65	23.908		
9,200.00	9,172.12	10,255.97	9,730.08	33.14	35.32	-75.83	397.37	-1,887.03	1,476.90	1,411.79	65.11	22.683		
9,300.00	9,271.30	10,271.48	9,730.10	33.50	35.33	-93.83	412.88	-1,887.16	1,441.99	1,375.52	66.47	21.693		
9,400.00	9,367.08	10,299.76	9,730.10	33.85	35.34	-95.56	441.16	-1,887.41	1,414.44	1,346.77	67.67	20.902		
9,500.00	9,456.50	10,344.25	9,730.10	34.18	35.38	-95.98	485.65	-1,887.80	1,394.19	1,325.53	68.66	20.305		
9,600.00	9,536.83	10,403.60	9,730.10	34.48	35.42	-95.36	544.99	-1,888.32	1,380.69	1,311.26	69.43	19.886		
9,700.00	9,605.64	10,475.99	9,730.10	34.73	35.49	-94.08	617.38	-1,888.96	1,372.78	1,302.77	70.01	19.608		
9,800.00	9,660.83	10,559.22	9,730.10	34.93	35.58	-92.56	700.62	-1,889.69	1,368.90	1,298.45	70.45	19.431		
9,900.00	9,700.73	10,650.78	9,730.10	35.11	35.70	-91.17	792.17	-1,890.49	1,367.49	1,296.69	70.80	19.315		
10,000.00	9,725.90	10,747.50	9,730.10	35.28	35.84	-90.18	888.89	-1,891.34	1,367.22	1,296.10	71.12	19.225		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Rule Assigned:													Offset Well Error:	0.00 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,010.18	9,727.93	10,757.48	9,730.10	35.30	35.85	-90.09	898.86	-1,891.42	1,367.21	1,296.07	71.15	19.217	CC	
10,100.00	9,742.01	10,846.17	9,730.10	35.46	35.99	-89.51	987.55	-1,892.20	1,367.29	1,295.86	71.43	19.140		
10,200.00	9,749.46	10,945.86	9,730.10	35.63	36.16	-89.19	1,087.23	-1,893.08	1,367.41	1,295.64	71.77	19.054		
10,300.00	9,750.00	11,045.85	9,730.10	35.79	36.35	-89.17	1,187.22	-1,893.95	1,367.45	1,295.33	72.12	18.962		
10,400.00	9,750.00	11,145.85	9,730.10	35.97	36.56	-89.17	1,287.22	-1,894.83	1,367.48	1,294.98	72.50	18.862		
10,500.00	9,750.00	11,245.85	9,730.10	36.17	36.78	-89.17	1,387.22	-1,895.71	1,367.51	1,294.60	72.91	18.756		
10,600.00	9,750.00	11,345.85	9,730.10	36.38	37.02	-89.17	1,487.21	-1,896.59	1,367.54	1,294.19	73.35	18.643		
10,700.00	9,750.00	11,445.85	9,730.10	36.61	37.27	-89.17	1,587.21	-1,897.46	1,367.57	1,293.75	73.83	18.525		
10,800.00	9,750.00	11,545.85	9,730.10	36.85	37.53	-89.17	1,687.21	-1,898.34	1,367.61	1,293.28	74.33	18.400		
10,900.00	9,750.00	11,645.85	9,730.10	37.10	37.81	-89.17	1,787.20	-1,899.22	1,367.64	1,292.78	74.85	18.271		
11,000.00	9,750.00	11,745.85	9,730.10	37.37	38.10	-89.17	1,887.20	-1,900.09	1,367.67	1,292.26	75.41	18.136		
11,100.00	9,750.00	11,845.85	9,730.10	37.65	38.41	-89.17	1,987.19	-1,900.97	1,367.70	1,291.70	76.00	17.997		
11,200.00	9,750.00	11,945.85	9,730.10	37.95	38.73	-89.17	2,087.19	-1,901.85	1,367.73	1,291.12	76.61	17.854		
11,300.00	9,750.00	12,045.85	9,730.10	38.26	39.06	-89.17	2,187.19	-1,902.73	1,367.76	1,290.52	77.24	17.708		
11,400.00	9,750.00	12,145.85	9,730.10	38.58	39.40	-89.17	2,287.18	-1,903.60	1,367.79	1,289.89	77.90	17.558		
11,500.00	9,750.00	12,245.85	9,730.10	38.91	39.75	-89.17	2,387.18	-1,904.48	1,367.82	1,289.24	78.59	17.405		
11,600.00	9,750.00	12,345.85	9,730.10	39.26	40.12	-89.17	2,487.17	-1,905.36	1,367.86	1,288.56	79.30	17.249		
11,700.00	9,750.00	12,445.85	9,730.10	39.62	40.50	-89.17	2,587.17	-1,906.23	1,367.89	1,287.85	80.03	17.092		
11,800.00	9,750.00	12,545.85	9,730.10	39.99	40.89	-89.17	2,687.17	-1,907.11	1,367.92	1,287.13	80.79	16.932		
11,900.00	9,750.00	12,645.85	9,730.10	40.37	41.28	-89.17	2,787.16	-1,907.99	1,367.95	1,286.38	81.57	16.771		
12,000.00	9,750.00	12,745.85	9,730.10	40.76	41.69	-89.17	2,887.16	-1,908.87	1,367.98	1,285.62	82.37	16.609		
12,100.00	9,750.00	12,845.85	9,730.10	41.16	42.11	-89.17	2,987.16	-1,909.74	1,368.01	1,284.83	83.19	16.445		
12,200.00	9,750.00	12,945.85	9,730.10	41.58	42.54	-89.17	3,087.15	-1,910.62	1,368.04	1,284.02	84.03	16.281		
12,300.00	9,750.00	13,045.85	9,730.10	42.00	42.98	-89.17	3,187.15	-1,911.50	1,368.07	1,283.19	84.89	16.117		
12,400.00	9,750.00	13,145.85	9,730.10	42.43	43.43	-89.17	3,287.14	-1,912.37	1,368.11	1,282.34	85.76	15.952		
12,500.00	9,750.00	13,245.85	9,730.10	42.87	43.89	-89.17	3,387.14	-1,913.25	1,368.14	1,281.48	86.66	15.787		
12,600.00	9,750.00	13,345.85	9,730.10	43.32	44.35	-89.17	3,487.14	-1,914.13	1,368.17	1,280.59	87.58	15.622		
12,700.00	9,750.00	13,445.85	9,730.10	43.78	44.82	-89.17	3,587.13	-1,915.01	1,368.20	1,279.69	88.51	15.458		
12,800.00	9,750.00	13,545.85	9,730.10	44.25	45.31	-89.17	3,687.13	-1,915.88	1,368.23	1,278.77	89.46	15.294		
12,900.00	9,750.00	13,645.85	9,730.10	44.73	45.80	-89.17	3,787.12	-1,916.76	1,368.26	1,277.84	90.42	15.131		
13,000.00	9,750.00	13,745.85	9,730.10	45.21	46.29	-89.17	3,887.12	-1,917.64	1,368.29	1,276.89	91.41	14.969		
13,100.00	9,750.00	13,845.85	9,730.10	45.71	46.80	-89.17	3,987.12	-1,918.52	1,368.33	1,275.92	92.40	14.808		
13,200.00	9,750.00	13,945.85	9,730.10	46.21	47.31	-89.17	4,087.11	-1,919.39	1,368.36	1,274.94	93.41	14.648		
13,300.00	9,750.00	14,045.85	9,730.10	46.71	47.83	-89.17	4,187.11	-1,920.27	1,368.39	1,273.95	94.44	14.490		
13,400.00	9,750.00	14,145.85	9,730.10	47.23	48.35	-89.17	4,287.10	-1,921.15	1,368.42	1,272.94	95.48	14.332		
13,500.00	9,750.00	14,245.85	9,730.10	47.75	48.88	-89.17	4,387.10	-1,922.02	1,368.45	1,271.92	96.53	14.176		
13,600.00	9,750.00	14,345.85	9,730.10	48.28	49.42	-89.17	4,487.10	-1,922.90	1,368.48	1,270.88	97.60	14.022		
13,700.00	9,750.00	14,445.85	9,730.10	48.81	49.97	-89.17	4,587.09	-1,923.78	1,368.51	1,269.84	98.68	13.869		
13,800.00	9,750.00	14,545.85	9,730.10	49.35	50.52	-89.17	4,687.09	-1,924.66	1,368.54	1,268.78	99.77	13.718		
13,900.00	9,750.00	14,645.85	9,730.10	49.90	51.07	-89.17	4,787.09	-1,925.53	1,368.58	1,267.71	100.87	13.568		
14,000.00	9,750.00	14,745.85	9,730.10	50.45	51.63	-89.17	4,887.08	-1,926.41	1,368.61	1,266.63	101.98	13.420		
14,100.00	9,750.00	14,845.85	9,730.10	51.01	52.20	-89.17	4,987.08	-1,927.29	1,368.64	1,265.53	103.10	13.274		
14,200.00	9,750.00	14,945.85	9,730.10	51.57	52.77	-89.17	5,087.07	-1,928.16	1,368.67	1,264.43	104.24	13.130		
14,300.00	9,750.00	15,045.85	9,730.10	52.14	53.35	-89.17	5,187.07	-1,929.04	1,368.70	1,263.32	105.38	12.988		
14,400.00	9,750.00	15,145.85	9,730.10	52.71	53.93	-89.17	5,287.07	-1,929.92	1,368.73	1,262.19	106.54	12.847		
14,500.00	9,750.00	15,245.85	9,730.10	53.29	54.51	-89.17	5,387.06	-1,930.80	1,368.76	1,261.06	107.70	12.709		
14,600.00	9,750.00	15,345.85	9,730.10	53.88	55.10	-89.17	5,487.06	-1,931.67	1,368.79	1,259.92	108.88	12.572		
14,700.00	9,750.00	15,445.85	9,730.10	54.46	55.70	-89.17	5,587.05	-1,932.55	1,368.83	1,258.76	110.06	12.437		
14,800.00	9,750.00	15,545.85	9,730.10	55.06	56.30	-89.17	5,687.05	-1,933.43	1,368.86	1,257.60	111.25	12.304		
14,900.00	9,750.00	15,645.85	9,730.10	55.65	56.90	-89.17	5,787.05	-1,934.30	1,368.89	1,256.44	112.45	12.173		
15,000.00	9,750.00	15,745.85	9,730.10	56.26	57.51	-89.17	5,887.04	-1,935.18	1,368.92	1,255.26	113.66	12.044		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Warning
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,100.00	9,750.00	15,845.85	9,730.10	56.86	58.12	-89.17	5,987.04	-1,936.06	1,368.95	1,254.07	114.88	11.917	
15,200.00	9,750.00	15,945.85	9,730.10	57.47	58.73	-89.17	6,087.04	-1,936.94	1,368.98	1,252.88	116.10	11.791	
15,300.00	9,750.00	16,045.85	9,730.10	58.08	59.35	-89.17	6,187.03	-1,937.81	1,369.01	1,251.68	117.33	11.668	
15,400.00	9,750.00	16,145.85	9,730.10	58.70	59.97	-89.17	6,287.03	-1,938.69	1,369.04	1,250.47	118.57	11.546	
15,500.00	9,750.00	16,245.85	9,730.10	59.32	60.60	-89.17	6,387.02	-1,939.57	1,369.08	1,249.26	119.82	11.426	
15,600.00	9,750.00	16,345.85	9,730.10	59.94	61.23	-89.17	6,487.02	-1,940.44	1,369.11	1,248.04	121.07	11.309	
15,700.00	9,750.00	16,445.85	9,730.10	60.57	61.86	-89.17	6,587.02	-1,941.32	1,369.14	1,246.81	122.33	11.192	
15,800.00	9,750.00	16,545.85	9,730.10	61.20	62.49	-89.17	6,687.01	-1,942.20	1,369.17	1,245.58	123.59	11.078	
15,900.00	9,750.00	16,645.85	9,730.10	61.83	63.13	-89.17	6,787.01	-1,943.08	1,369.20	1,244.34	124.86	10.966	
16,000.00	9,750.00	16,745.85	9,730.10	62.47	63.77	-89.17	6,887.00	-1,943.95	1,369.23	1,243.09	126.14	10.855	
16,100.00	9,750.00	16,845.85	9,730.10	63.11	64.41	-89.17	6,987.00	-1,944.83	1,369.26	1,241.84	127.42	10.746	
16,200.00	9,750.00	16,945.85	9,730.10	63.75	65.06	-89.17	7,087.00	-1,945.71	1,369.30	1,240.58	128.71	10.638	
16,300.00	9,750.00	17,045.85	9,730.10	64.40	65.71	-89.17	7,186.99	-1,946.58	1,369.33	1,239.32	130.01	10.533	
16,400.00	9,750.00	17,145.85	9,730.10	65.04	66.36	-89.17	7,286.99	-1,947.46	1,369.36	1,238.05	131.31	10.429	
16,500.00	9,750.00	17,245.85	9,730.10	65.69	67.01	-89.17	7,386.99	-1,948.34	1,369.39	1,236.78	132.61	10.326	
16,600.00	9,750.00	17,345.85	9,730.10	66.35	67.67	-89.17	7,486.98	-1,949.22	1,369.42	1,235.50	133.92	10.226	
16,700.00	9,750.00	17,445.85	9,730.10	67.00	68.33	-89.17	7,586.98	-1,950.09	1,369.45	1,234.22	135.23	10.127	
16,800.00	9,750.00	17,545.85	9,730.10	67.66	68.99	-89.17	7,686.97	-1,950.97	1,369.48	1,232.93	136.55	10.029	
16,900.00	9,750.00	17,645.85	9,730.10	68.32	69.65	-89.17	7,786.97	-1,951.85	1,369.51	1,231.64	137.88	9.933	
17,000.00	9,750.00	17,745.85	9,730.10	68.98	70.32	-89.17	7,886.97	-1,952.72	1,369.55	1,230.34	139.21	9.838	
17,100.00	9,750.00	17,845.85	9,730.10	69.65	70.98	-89.17	7,986.96	-1,953.60	1,369.58	1,229.04	140.54	9.745	
17,200.00	9,750.00	17,945.85	9,730.10	70.31	71.65	-89.17	8,086.96	-1,954.48	1,369.61	1,227.73	141.87	9.654	
17,300.00	9,750.00	18,045.85	9,730.10	70.98	72.33	-89.17	8,186.95	-1,955.36	1,369.64	1,226.42	143.21	9.564	
17,400.00	9,750.00	18,145.85	9,730.10	71.65	73.00	-89.17	8,286.95	-1,956.23	1,369.67	1,225.11	144.56	9.475	
17,500.00	9,750.00	18,245.85	9,730.10	72.33	73.67	-89.17	8,386.95	-1,957.11	1,369.70	1,223.79	145.91	9.387	
17,600.00	9,750.00	18,345.85	9,730.10	73.00	74.35	-89.17	8,486.94	-1,957.99	1,369.73	1,222.47	147.26	9.301	
17,700.00	9,750.00	18,445.85	9,730.10	73.68	75.03	-89.17	8,586.94	-1,958.86	1,369.76	1,221.15	148.62	9.217	
17,800.00	9,750.00	18,545.85	9,730.10	74.36	75.71	-89.17	8,686.94	-1,959.74	1,369.80	1,219.82	149.97	9.134	
17,900.00	9,750.00	18,645.85	9,730.10	75.04	76.39	-89.17	8,786.93	-1,960.62	1,369.83	1,218.49	151.34	9.051	
18,000.00	9,750.00	18,745.85	9,730.10	75.72	77.08	-89.17	8,886.93	-1,961.50	1,369.86	1,217.15	152.70	8.971	
18,100.00	9,750.00	18,845.85	9,730.10	76.40	77.76	-89.17	8,986.92	-1,962.37	1,369.89	1,215.82	154.07	8.891	
18,200.00	9,750.00	18,945.85	9,730.10	77.09	78.45	-89.17	9,086.92	-1,963.25	1,369.92	1,214.48	155.45	8.813	
18,300.00	9,750.00	19,045.85	9,730.10	77.77	79.14	-89.17	9,186.92	-1,964.13	1,369.95	1,213.13	156.82	8.736	
18,400.00	9,750.00	19,145.85	9,730.10	78.46	79.83	-89.17	9,286.91	-1,965.01	1,369.98	1,211.78	158.20	8.660	
18,500.00	9,750.00	19,245.85	9,730.10	79.15	80.52	-89.17	9,386.91	-1,965.88	1,370.02	1,210.43	159.58	8.585	
18,600.00	9,750.00	19,345.85	9,730.10	79.84	81.21	-89.17	9,486.90	-1,966.76	1,370.05	1,209.08	160.97	8.511	
18,700.00	9,750.00	19,445.85	9,730.10	80.53	81.91	-89.17	9,586.90	-1,967.64	1,370.08	1,207.72	162.35	8.439	
18,800.00	9,750.00	19,545.85	9,730.10	81.23	82.60	-89.17	9,686.90	-1,968.51	1,370.11	1,206.37	163.74	8.367	
18,900.00	9,750.00	19,645.85	9,730.10	81.92	83.30	-89.17	9,786.89	-1,969.39	1,370.14	1,205.00	165.14	8.297	
19,000.00	9,750.00	19,745.85	9,730.10	82.62	84.00	-89.17	9,886.89	-1,970.27	1,370.17	1,203.64	166.53	8.228	
19,100.00	9,750.00	19,845.85	9,730.10	83.32	84.70	-89.17	9,986.89	-1,971.15	1,370.20	1,202.27	167.93	8.159	
19,200.00	9,750.00	19,945.85	9,730.10	84.02	85.40	-89.17	10,086.88	-1,972.02	1,370.23	1,200.90	169.33	8.092	
19,300.00	9,750.00	20,045.85	9,730.10	84.72	86.10	-89.17	10,186.88	-1,972.90	1,370.27	1,199.53	170.73	8.026	
19,400.00	9,750.00	20,145.85	9,730.10	85.42	86.80	-89.17	10,286.87	-1,973.78	1,370.30	1,198.16	172.14	7.961	
19,500.00	9,750.00	20,245.85	9,730.10	86.12	87.51	-89.17	10,386.87	-1,974.65	1,370.33	1,196.78	173.54	7.896	
19,600.00	9,750.00	20,345.85	9,730.10	86.83	88.21	-89.17	10,486.87	-1,975.53	1,370.36	1,195.41	174.95	7.833	
19,700.00	9,750.00	20,445.85	9,730.10	87.53	88.92	-89.17	10,586.86	-1,976.41	1,370.39	1,194.03	176.37	7.770	
19,800.00	9,750.00	20,545.85	9,730.10	88.24	89.63	-89.17	10,686.86	-1,977.29	1,370.42	1,192.64	177.78	7.709	
19,900.00	9,750.00	20,645.85	9,730.10	88.94	90.33	-89.17	10,786.85	-1,978.16	1,370.45	1,191.26	179.19	7.648	
20,000.00	9,750.00	20,745.85	9,730.10	89.65	91.04	-89.17	10,886.85	-1,979.04	1,370.48	1,189.87	180.61	7.588	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Rule Assigned:													Offset Well Error:	0.00 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
20,100.00	9,750.00	20,845.85	9,730.10	90.36	91.75	-89.17	10,986.85	-1,979.92	1,370.52	1,188.48	182.03	7.529		
20,200.00	9,750.00	20,945.85	9,730.10	91.07	92.47	-89.17	11,086.84	-1,980.79	1,370.55	1,187.09	183.45	7.471		
20,300.00	9,750.00	21,045.85	9,730.10	91.78	93.18	-89.17	11,186.84	-1,981.67	1,370.58	1,185.70	184.88	7.413		
20,400.00	9,750.00	21,145.85	9,730.10	92.50	93.89	-89.17	11,286.84	-1,982.55	1,370.61	1,184.31	186.30	7.357		
20,500.00	9,750.00	21,245.85	9,730.10	93.21	94.60	-89.17	11,386.83	-1,983.43	1,370.64	1,182.91	187.73	7.301		
20,600.00	9,750.00	21,345.85	9,730.10	93.92	95.32	-89.17	11,486.83	-1,984.30	1,370.67	1,181.51	189.16	7.246		
20,700.00	9,750.00	21,445.85	9,730.10	94.64	96.04	-89.17	11,586.82	-1,985.18	1,370.70	1,180.11	190.59	7.192		
20,800.00	9,750.00	21,545.85	9,730.10	95.35	96.75	-89.17	11,686.82	-1,986.06	1,370.73	1,178.71	192.02	7.138		
20,900.00	9,750.00	21,645.85	9,730.10	96.07	97.47	-89.17	11,786.82	-1,986.93	1,370.77	1,177.31	193.46	7.086		
21,000.00	9,750.00	21,745.85	9,730.10	96.79	98.19	-89.17	11,886.81	-1,987.81	1,370.80	1,175.91	194.89	7.034		
21,100.00	9,750.00	21,845.85	9,730.10	97.50	98.91	-89.17	11,986.81	-1,988.69	1,370.83	1,174.50	196.33	6.982		
21,200.00	9,750.00	21,945.85	9,730.10	98.22	99.63	-89.17	12,086.80	-1,989.57	1,370.86	1,173.09	197.77	6.932		
21,300.00	9,750.00	22,045.85	9,730.10	98.94	100.35	-89.17	12,186.80	-1,990.44	1,370.89	1,171.68	199.21	6.882		
21,400.00	9,750.00	22,145.85	9,730.10	99.66	101.07	-89.17	12,286.80	-1,991.32	1,370.92	1,170.27	200.65	6.832		
21,500.00	9,750.00	22,245.85	9,730.10	100.38	101.79	-89.17	12,386.79	-1,992.20	1,370.95	1,168.86	202.09	6.784		
21,600.00	9,750.00	22,345.85	9,730.10	101.11	102.51	-89.17	12,486.79	-1,993.07	1,370.99	1,167.45	203.54	6.736		
21,700.00	9,750.00	22,445.85	9,730.10	101.83	103.23	-89.17	12,586.79	-1,993.95	1,371.02	1,166.03	204.98	6.688		
21,800.00	9,750.00	22,545.85	9,730.10	102.55	103.96	-89.17	12,686.78	-1,994.83	1,371.05	1,164.62	206.43	6.642		
21,900.00	9,750.00	22,645.85	9,730.10	103.27	104.68	-89.17	12,786.78	-1,995.71	1,371.08	1,163.20	207.88	6.596		
22,000.00	9,750.00	22,745.85	9,730.10	104.00	105.41	-89.17	12,886.77	-1,996.58	1,371.11	1,161.78	209.33	6.550		
22,100.00	9,750.00	22,845.85	9,730.10	104.72	106.13	-89.17	12,986.77	-1,997.46	1,371.14	1,160.36	210.78	6.505		
22,200.00	9,750.00	22,945.85	9,730.10	105.45	106.86	-89.17	13,086.77	-1,998.34	1,371.17	1,158.94	212.23	6.461		
22,300.00	9,750.00	23,045.85	9,730.10	106.18	107.59	-89.17	13,186.76	-1,999.21	1,371.20	1,157.52	213.69	6.417		
22,400.00	9,750.00	23,145.85	9,730.10	106.90	108.32	-89.17	13,286.76	-2,000.09	1,371.24	1,156.09	215.14	6.374		
22,500.00	9,750.00	23,245.85	9,730.10	107.63	109.04	-89.17	13,386.75	-2,000.97	1,371.27	1,154.67	216.60	6.331		
22,600.00	9,750.00	23,345.85	9,730.10	108.36	109.77	-89.17	13,486.75	-2,001.85	1,371.30	1,153.24	218.05	6.289		
22,700.00	9,750.00	23,445.85	9,730.10	109.09	110.50	-89.17	13,586.75	-2,002.72	1,371.33	1,151.82	219.51	6.247		
22,800.00	9,750.00	23,545.85	9,730.10	109.82	111.23	-89.17	13,686.74	-2,003.60	1,371.36	1,150.39	220.97	6.206		
22,900.00	9,750.00	23,645.85	9,730.10	110.55	111.96	-89.17	13,786.74	-2,004.48	1,371.39	1,148.96	222.43	6.165		
23,000.00	9,750.00	23,745.85	9,730.10	111.28	112.69	-89.17	13,886.74	-2,005.36	1,371.42	1,147.53	223.89	6.125		
23,100.00	9,750.00	23,845.85	9,730.10	112.01	113.42	-89.17	13,986.73	-2,006.23	1,371.45	1,146.10	225.36	6.086		
23,200.00	9,750.00	23,945.85	9,730.10	112.74	114.16	-89.17	14,086.73	-2,007.11	1,371.49	1,144.67	226.82	6.047		
23,300.00	9,750.00	24,045.85	9,730.10	113.47	114.89	-89.17	14,186.72	-2,007.99	1,371.52	1,143.23	228.28	6.008		
23,400.00	9,750.00	24,145.85	9,730.10	114.20	115.62	-89.17	14,286.72	-2,008.86	1,371.55	1,141.80	229.75	5.970		
23,500.00	9,750.00	24,245.85	9,730.10	114.94	116.35	-89.17	14,386.72	-2,009.74	1,371.58	1,140.36	231.22	5.932		
23,600.00	9,750.00	24,345.85	9,730.10	115.67	117.09	-89.17	14,486.71	-2,010.62	1,371.61	1,138.93	232.68	5.895		
23,700.00	9,750.00	24,445.85	9,730.10	116.40	117.82	-89.17	14,586.71	-2,011.50	1,371.64	1,137.49	234.15	5.858		
23,800.00	9,750.00	24,545.85	9,730.10	117.14	118.56	-89.17	14,686.70	-2,012.37	1,371.67	1,136.05	235.62	5.822		
23,900.00	9,750.00	24,645.85	9,730.10	117.87	119.29	-89.17	14,786.70	-2,013.25	1,371.71	1,134.61	237.09	5.786		
24,000.00	9,750.00	24,745.85	9,730.10	118.61	120.03	-89.17	14,886.70	-2,014.13	1,371.74	1,133.17	238.56	5.750		
24,100.00	9,750.00	24,845.85	9,730.10	119.34	120.76	-89.17	14,986.69	-2,015.00	1,371.77	1,131.73	240.03	5.715		
24,200.00	9,750.00	24,945.85	9,730.10	120.08	121.50	-89.17	15,086.69	-2,015.88	1,371.80	1,130.29	241.51	5.680		
24,300.00	9,750.00	25,045.85	9,730.10	120.82	122.24	-89.17	15,186.69	-2,016.76	1,371.83	1,128.85	242.98	5.646		
24,400.00	9,750.00	25,145.85	9,730.10	121.55	122.97	-89.17	15,286.68	-2,017.64	1,371.86	1,127.41	244.45	5.612		
24,500.00	9,750.00	25,245.85	9,730.10	122.29	123.71	-89.17	15,386.68	-2,018.51	1,371.89	1,125.96	245.93	5.578		
24,600.00	9,750.00	25,345.85	9,730.10	123.03	124.45	-89.17	15,486.67	-2,019.39	1,371.92	1,124.52	247.40	5.545		
24,700.00	9,750.00	25,445.85	9,730.10	123.77	125.19	-89.17	15,586.67	-2,020.27	1,371.96	1,123.07	248.88	5.512		
24,800.00	9,750.00	25,545.85	9,730.10	124.50	125.93	-89.17	15,686.67	-2,021.14	1,371.99	1,121.63	250.36	5.480		
24,900.00	9,750.00	25,645.85	9,730.10	125.24	126.67	-89.17	15,786.66	-2,022.02	1,372.02	1,120.18	251.84	5.448		
25,000.00	9,750.00	25,745.85	9,730.10	125.98	127.41	-89.17	15,886.66	-2,022.90	1,372.05	1,118.73	253.32	5.416		
25,100.00	9,750.00	25,845.85	9,730.10	126.72	128.15	-89.17	15,986.65	-2,023.78	1,372.08	1,117.29	254.80	5.385		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Rule Assigned:													Offset Well Error:	0.00 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
25,200.00	9,750.00	25,945.85	9,730.10	127.46	128.89	-89.17	16,086.65	-2,024.65	1,372.11	1,115.84	256.28	5.354		
25,300.00	9,750.00	26,045.85	9,730.10	128.20	129.63	-89.17	16,186.65	-2,025.53	1,372.14	1,114.39	257.76	5.323		
25,400.00	9,750.00	26,145.85	9,730.10	128.94	130.37	-89.17	16,286.64	-2,026.41	1,372.17	1,112.94	259.24	5.293		
25,500.00	9,750.00	26,245.85	9,730.10	129.68	131.11	-89.17	16,386.64	-2,027.28	1,372.21	1,111.49	260.72	5.263		
25,600.00	9,750.00	26,345.85	9,730.10	130.43	131.85	-89.17	16,486.64	-2,028.16	1,372.24	1,110.03	262.20	5.233		
25,700.00	9,750.00	26,445.85	9,730.10	131.17	132.59	-89.17	16,586.63	-2,029.04	1,372.27	1,108.58	263.69	5.204		
25,800.00	9,750.00	26,545.85	9,730.10	131.91	133.33	-89.17	16,686.63	-2,029.92	1,372.30	1,107.13	265.17	5.175		
25,900.00	9,750.00	26,645.85	9,730.10	132.65	134.08	-89.17	16,786.62	-2,030.79	1,372.33	1,105.67	266.66	5.146		
26,000.00	9,750.00	26,745.85	9,730.10	133.39	134.82	-89.17	16,886.62	-2,031.67	1,372.36	1,104.22	268.14	5.118		
26,100.00	9,750.00	26,845.85	9,730.10	134.14	135.56	-89.17	16,986.62	-2,032.55	1,372.39	1,102.77	269.63	5.090		
26,200.00	9,750.00	26,945.85	9,730.10	134.88	136.31	-89.17	17,086.61	-2,033.42	1,372.42	1,101.31	271.11	5.062		
26,300.00	9,750.00	27,045.85	9,730.10	135.62	137.05	-89.17	17,186.61	-2,034.30	1,372.46	1,099.85	272.60	5.035		
26,400.00	9,750.00	27,145.85	9,730.10	136.37	137.79	-89.17	17,286.60	-2,035.18	1,372.49	1,098.40	274.09	5.007		
26,500.00	9,750.00	27,245.85	9,730.10	137.11	138.54	-89.17	17,386.60	-2,036.06	1,372.52	1,096.94	275.58	4.981		
26,600.00	9,750.00	27,345.85	9,730.10	137.85	139.28	-89.17	17,486.60	-2,036.93	1,372.55	1,095.48	277.07	4.954		
26,700.00	9,750.00	27,445.85	9,730.10	138.60	140.03	-89.17	17,586.59	-2,037.81	1,372.58	1,094.02	278.56	4.927		
26,800.00	9,750.00	27,545.85	9,730.10	139.34	140.77	-89.17	17,686.59	-2,038.69	1,372.61	1,092.57	280.05	4.901		
26,900.00	9,750.00	27,645.85	9,730.10	140.09	141.52	-89.17	17,786.59	-2,039.56	1,372.64	1,091.11	281.54	4.876		
27,000.00	9,750.00	27,745.85	9,730.10	140.83	142.26	-89.17	17,886.58	-2,040.44	1,372.68	1,089.65	283.03	4.850		
27,100.00	9,750.00	27,845.85	9,730.10	141.58	143.01	-89.17	17,986.58	-2,041.32	1,372.71	1,088.19	284.52	4.825		
27,200.00	9,750.00	27,945.85	9,730.10	142.33	143.75	-89.17	18,086.57	-2,042.20	1,372.74	1,086.73	286.01	4.800		
27,300.00	9,750.00	28,045.85	9,730.10	143.07	144.50	-89.17	18,186.57	-2,043.07	1,372.77	1,085.26	287.50	4.775		
27,400.00	9,750.00	28,145.85	9,730.10	143.82	145.25	-89.17	18,286.57	-2,043.95	1,372.80	1,083.80	289.00	4.750		
27,500.00	9,750.00	28,245.85	9,730.10	144.57	145.99	-89.17	18,386.56	-2,044.83	1,372.83	1,082.34	290.49	4.726		
27,600.00	9,750.00	28,345.85	9,730.10	145.31	146.74	-89.17	18,486.56	-2,045.70	1,372.86	1,080.88	291.99	4.702		
27,700.00	9,750.00	28,445.85	9,730.10	146.06	147.49	-89.17	18,586.55	-2,046.58	1,372.89	1,079.41	293.48	4.678		
27,800.00	9,750.00	28,545.85	9,730.10	146.81	148.24	-89.17	18,686.55	-2,047.46	1,372.93	1,077.95	294.97	4.654		
27,900.00	9,750.00	28,645.85	9,730.10	147.55	148.98	-89.17	18,786.55	-2,048.34	1,372.96	1,076.49	296.47	4.631		
28,000.00	9,750.00	28,745.85	9,730.10	148.30	149.73	-89.17	18,886.54	-2,049.21	1,372.99	1,075.02	297.97	4.608		
28,100.00	9,750.00	28,845.85	9,730.10	149.05	150.48	-89.17	18,986.54	-2,050.09	1,373.02	1,073.56	299.46	4.585		
28,200.00	9,750.00	28,945.85	9,730.10	149.80	151.23	-89.17	19,086.54	-2,050.97	1,373.05	1,072.09	300.96	4.562		
28,300.00	9,750.00	29,045.85	9,730.10	150.55	151.98	-89.17	19,186.53	-2,051.85	1,373.08	1,070.63	302.46	4.540		
28,400.00	9,750.00	29,145.85	9,730.10	151.30	152.73	-89.17	19,286.53	-2,052.72	1,373.11	1,069.16	303.95	4.518		
28,500.00	9,750.00	29,245.85	9,730.10	152.04	153.48	-89.17	19,386.52	-2,053.60	1,373.14	1,067.69	305.45	4.495		
28,600.00	9,750.00	29,345.85	9,730.10	152.79	154.22	-89.17	19,486.52	-2,054.48	1,373.18	1,066.23	306.95	4.474		
28,700.00	9,750.00	29,445.85	9,730.10	153.54	154.97	-89.17	19,586.52	-2,055.35	1,373.21	1,064.76	308.45	4.452		
28,800.00	9,750.00	29,545.85	9,730.10	154.29	155.72	-89.17	19,686.51	-2,056.23	1,373.24	1,063.29	309.95	4.431		
28,900.00	9,750.00	29,645.85	9,730.10	155.04	156.47	-89.17	19,786.51	-2,057.11	1,373.27	1,061.82	311.45	4.409		
29,000.00	9,750.00	29,745.85	9,730.10	155.79	157.22	-89.17	19,886.50	-2,057.99	1,373.30	1,060.35	312.95	4.388		
29,100.00	9,750.00	29,845.85	9,730.10	156.54	157.97	-89.17	19,986.50	-2,058.86	1,373.33	1,058.88	314.45	4.367		
29,200.00	9,750.00	29,945.85	9,730.10	157.29	158.72	-89.17	20,086.50	-2,059.74	1,373.36	1,057.41	315.95	4.347		
29,300.00	9,750.00	30,045.85	9,730.10	158.04	159.47	-89.17	20,186.49	-2,060.62	1,373.40	1,055.95	317.45	4.326		
29,400.00	9,750.00	30,145.85	9,730.10	158.79	160.23	-89.17	20,286.49	-2,061.49	1,373.43	1,054.47	318.95	4.306		
29,500.00	9,750.00	30,245.85	9,730.10	159.54	160.98	-89.17	20,386.49	-2,062.37	1,373.46	1,053.00	320.45	4.286		
29,600.00	9,750.00	30,345.85	9,730.10	160.29	161.73	-89.17	20,486.48	-2,063.25	1,373.49	1,051.53	321.96	4.266		
29,700.00	9,750.00	30,445.85	9,730.10	161.05	162.48	-89.17	20,586.48	-2,064.13	1,373.52	1,050.06	323.46	4.246		
29,800.00	9,750.00	30,545.85	9,730.10	161.80	163.23	-89.17	20,686.47	-2,065.00	1,373.55	1,048.59	324.96	4.227		
29,900.00	9,750.00	30,645.85	9,730.10	162.55	163.98	-89.17	20,786.47	-2,065.88	1,373.58	1,047.12	326.46	4.207		
30,000.00	9,750.00	30,745.85	9,730.10	163.30	164.73	-89.17	20,886.47	-2,066.76	1,373.61	1,045.65	327.97	4.188		
30,100.00	9,750.00	30,845.85	9,730.10	164.05	165.49	-89.17	20,986.46	-2,067.63	1,373.65	1,044.17	329.47	4.169		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 222H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft		
Reference Offset				Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance				Rule Assigned:		Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
30,200.00	9,750.00	30,945.85	9,730.10	164.80	166.24	-89.17	21,086.46	-2,068.51	1,373.68	1,042.70	330.98	4.150				
30,300.00	9,750.00	31,045.85	9,730.10	165.56	166.99	-89.17	21,186.45	-2,069.39	1,373.71	1,041.23	332.48	4.132				
30,392.52	9,750.00	31,138.37	9,730.10	166.25	167.62	-89.17	21,278.97	-2,070.20	1,373.74	1,039.93	333.81	4.115	ES, SF			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program:		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.10	0.00	0.00	89.53	0.33	39.99	39.99				
100.00	100.00	99.90	100.00	0.28	0.28	89.53	0.33	39.99	39.99	39.44	0.55	72.478	
200.00	200.00	199.90	200.00	0.63	0.63	89.53	0.33	39.99	39.99	38.72	1.27	31.523	
300.00	300.00	299.90	300.00	0.99	0.99	89.53	0.33	39.99	39.99	38.01	1.99	20.141	
400.00	400.00	399.90	400.00	1.35	1.35	89.53	0.33	39.99	39.99	37.29	2.70	14.798	
500.00	500.00	499.90	500.00	1.71	1.71	89.53	0.33	39.99	39.99	36.57	3.42	11.695	
600.00	600.00	599.90	600.00	2.07	2.07	89.53	0.33	39.99	39.99	35.85	4.14	9.668	
700.00	700.00	699.90	700.00	2.43	2.43	89.53	0.33	39.99	39.99	35.14	4.85	8.240	
800.00	800.00	799.90	800.00	2.79	2.78	89.53	0.33	39.99	39.99	34.42	5.57	7.179	
900.00	900.00	899.90	900.00	3.14	3.14	89.53	0.33	39.99	39.99	33.70	6.29	6.361	
1,000.00	1,000.00	999.90	1,000.00	3.50	3.50	89.53	0.33	39.99	39.99	32.99	7.00	5.710	
1,100.00	1,100.00	1,099.90	1,100.00	3.86	3.86	89.53	0.33	39.99	39.99	32.27	7.72	5.179	
1,200.00	1,200.00	1,199.90	1,200.00	4.22	4.22	89.53	0.33	39.99	39.99	31.55	8.44	4.739	CC, ES
1,300.00	1,299.98	1,299.88	1,299.98	4.57	4.58	142.70	0.33	39.99	41.37	32.21	9.15	4.520	
1,400.00	1,399.84	1,399.74	1,399.84	4.93	4.94	146.64	0.33	39.99	45.64	35.78	9.86	4.628	
1,500.00	1,499.51	1,499.41	1,499.51	5.28	5.29	151.48	0.33	39.99	52.62	42.05	10.57	4.977	
1,600.00	1,599.15	1,599.05	1,599.15	5.64	5.65	155.32	0.33	39.99	60.17	48.89	11.28	5.333	
1,700.00	1,698.79	1,698.69	1,698.79	5.99	6.01	158.29	0.33	39.99	67.93	55.94	11.99	5.664	
1,800.00	1,798.44	1,798.34	1,798.44	6.35	6.36	160.64	0.33	39.99	75.83	63.12	12.70	5.969	
1,900.00	1,898.08	1,897.98	1,898.08	6.71	6.72	162.55	0.33	39.99	83.83	70.42	13.42	6.248	
2,000.00	1,997.73	1,997.63	1,997.73	7.07	7.08	164.13	0.33	39.99	91.91	77.78	14.13	6.505	
2,100.00	2,097.37	2,097.27	2,097.37	7.43	7.44	165.45	0.33	39.99	100.05	85.21	14.84	6.740	
2,200.00	2,197.01	2,195.85	2,195.95	7.78	7.79	166.40	0.50	40.32	108.47	92.91	15.55	6.975	
2,300.00	2,296.66	2,292.97	2,293.01	8.14	8.13	166.11	1.98	43.15	118.67	102.43	16.24	7.309	
2,400.00	2,396.30	2,389.54	2,389.36	8.50	8.47	164.73	4.96	48.87	130.99	114.07	16.91	7.745	
2,500.00	2,495.94	2,485.33	2,484.67	8.86	8.80	162.62	9.39	57.37	145.55	127.98	17.57	8.283	
2,600.00	2,595.59	2,582.34	2,580.87	9.22	9.14	160.16	15.12	68.36	162.17	143.92	18.24	8.889	
2,700.00	2,695.23	2,680.68	2,678.37	9.58	9.49	158.06	21.05	79.75	179.23	160.29	18.94	9.464	
2,800.00	2,794.88	2,779.02	2,775.87	9.94	9.84	156.33	26.99	91.13	196.49	176.86	19.63	10.008	
2,900.00	2,894.52	2,877.36	2,873.37	10.30	10.19	154.88	32.92	102.52	213.90	193.57	20.33	10.521	
3,000.00	2,994.16	2,975.70	2,970.87	10.66	10.54	153.65	38.86	113.90	231.42	210.39	21.03	11.005	
3,100.00	3,093.81	3,074.04	3,068.37	11.03	10.89	152.59	44.79	125.29	249.02	227.29	21.73	11.461	
3,200.00	3,193.45	3,172.38	3,165.87	11.39	11.24	151.67	50.73	136.68	266.70	244.27	22.43	11.890	
3,300.00	3,293.10	3,270.72	3,263.37	11.75	11.60	150.87	56.66	148.06	284.44	261.31	23.13	12.296	
3,400.00	3,392.74	3,369.06	3,360.87	12.11	11.95	150.16	62.59	159.45	302.23	278.39	23.84	12.679	
3,500.00	3,492.38	3,467.40	3,458.36	12.47	12.30	149.53	68.53	170.83	320.05	295.51	24.54	13.041	
3,600.00	3,592.03	3,565.74	3,555.86	12.83	12.66	148.97	74.46	182.22	337.91	312.66	25.25	13.384	
3,700.00	3,691.67	3,664.08	3,653.36	13.19	13.01	148.46	80.40	193.60	355.80	329.85	25.95	13.709	
3,800.00	3,791.32	3,762.42	3,750.86	13.56	13.37	148.00	86.33	204.99	373.71	347.05	26.66	14.017	
3,900.00	3,890.96	3,860.76	3,848.36	13.92	13.72	147.58	92.27	216.37	391.64	364.28	27.37	14.310	
4,000.00	3,990.60	3,959.10	3,945.86	14.28	14.08	147.20	98.20	227.76	409.60	381.52	28.08	14.589	
4,100.00	4,090.25	4,057.45	4,043.36	14.64	14.43	146.85	104.14	239.15	427.56	398.78	28.79	14.853	
4,200.00	4,189.89	4,155.79	4,140.86	15.00	14.79	146.53	110.07	250.53	445.55	416.05	29.49	15.106	
4,300.00	4,289.54	4,254.13	4,238.36	15.37	15.15	146.24	116.01	261.92	463.54	433.34	30.20	15.347	
4,400.00	4,389.18	4,352.47	4,335.85	15.73	15.50	145.96	121.94	273.30	481.55	450.63	30.92	15.576	
4,500.00	4,488.82	4,450.81	4,433.35	16.09	15.86	145.71	127.87	284.69	499.56	467.93	31.63	15.796	
4,600.00	4,588.47	4,549.15	4,530.85	16.45	16.22	145.47	133.81	296.07	517.59	485.25	32.34	16.006	
4,700.00	4,688.11	4,647.49	4,628.35	16.81	16.58	145.25	139.74	307.46	535.62	502.57	33.05	16.207	
4,800.00	4,787.75	4,745.83	4,725.85	17.18	16.93	145.05	145.68	318.85	553.66	519.90	33.76	16.399	
4,900.00	4,887.40	4,844.17	4,823.35	17.54	17.29	144.85	151.61	330.23	571.70	537.23	34.47	16.584	
5,000.00	4,987.04	4,942.51	4,920.85	17.90	17.65	144.67	157.55	341.62	589.75	554.57	35.19	16.761	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,086.69	5,040.85	5,018.35	18.26	18.01	144.50	163.48	353.00	607.81	571.91	35.90	16.931		
5,200.00	5,186.33	5,139.19	5,115.85	18.63	18.37	144.34	169.42	364.39	625.87	589.26	36.61	17.095		
5,300.00	5,285.97	5,237.53	5,213.34	18.99	18.73	144.19	175.35	375.77	643.94	606.61	37.33	17.252		
5,400.00	5,385.62	5,335.87	5,310.84	19.35	19.08	144.05	181.29	387.16	662.01	623.97	38.04	17.404		
5,500.00	5,485.26	5,434.21	5,408.34	19.71	19.44	143.91	187.22	398.54	680.08	641.33	38.75	17.549		
5,600.00	5,584.91	5,532.55	5,505.84	20.08	19.80	143.78	193.15	409.93	698.16	658.69	39.47	17.690		
5,700.00	5,684.55	5,630.89	5,603.34	20.44	20.16	143.66	199.09	421.32	716.24	676.06	40.18	17.825		
5,800.00	5,784.19	5,729.24	5,700.84	20.80	20.52	143.54	205.02	432.70	734.33	693.43	40.90	17.956		
5,900.00	5,883.84	5,827.58	5,798.34	21.16	20.88	143.43	210.96	444.09	752.41	710.80	41.61	18.082		
6,000.00	5,983.48	5,925.92	5,895.84	21.53	21.24	143.33	216.89	455.47	770.50	728.18	42.33	18.204		
6,100.00	6,083.13	6,024.26	5,993.33	21.89	21.60	143.23	222.83	466.86	788.59	745.55	43.04	18.322		
6,200.00	6,182.77	6,122.60	6,090.83	22.25	21.96	143.13	228.76	478.24	806.69	762.93	43.76	18.436		
6,300.00	6,282.41	6,220.94	6,188.33	22.61	22.32	143.04	234.70	489.63	824.78	780.31	44.47	18.546		
6,400.00	6,382.06	6,319.28	6,285.83	22.98	22.68	142.95	240.63	501.01	842.88	797.70	45.19	18.653		
6,500.00	6,481.70	6,417.62	6,383.33	23.34	23.04	142.87	246.57	512.40	860.98	815.08	45.90	18.757		
6,600.00	6,581.35	6,515.96	6,480.83	23.70	23.40	142.79	252.50	523.79	879.08	832.47	46.62	18.857		
6,700.00	6,680.99	6,614.30	6,578.33	24.06	23.76	142.71	258.43	535.17	897.19	849.85	47.33	18.954		
6,800.00	6,780.63	6,712.64	6,675.83	24.43	24.12	142.63	264.37	546.56	915.29	867.24	48.05	19.048		
6,900.00	6,880.28	6,810.98	6,773.33	24.79	24.48	142.56	270.30	557.94	933.40	884.63	48.77	19.140		
7,000.00	6,979.92	6,909.32	6,870.82	25.15	24.84	142.49	276.24	569.33	951.51	902.02	49.48	19.229		
7,100.00	7,079.56	7,007.66	6,968.32	25.52	25.20	142.43	282.17	580.71	969.61	919.41	50.20	19.315		
7,200.00	7,179.21	7,106.00	7,065.82	25.88	25.57	142.36	288.11	592.10	987.73	936.81	50.92	19.399		
7,300.00	7,278.85	7,204.34	7,163.32	26.24	25.93	142.30	294.04	603.49	1,005.84	954.20	51.63	19.480		
7,400.00	7,378.50	7,302.69	7,260.82	26.60	26.29	142.24	299.98	614.87	1,023.95	971.60	52.35	19.559		
7,500.00	7,478.14	7,401.03	7,358.32	26.97	26.65	142.19	305.91	626.26	1,042.06	988.99	53.07	19.636		
7,600.00	7,577.78	7,499.37	7,455.82	27.33	27.01	142.13	311.85	637.64	1,060.18	1,006.39	53.79	19.711		
7,700.00	7,677.43	7,597.71	7,553.32	27.69	27.37	142.08	317.78	649.03	1,078.29	1,023.79	54.50	19.784		
7,800.00	7,777.07	7,696.05	7,650.82	28.06	27.73	142.03	323.71	660.41	1,096.41	1,041.19	55.22	19.855		
7,900.00	7,876.72	7,794.39	7,748.31	28.42	28.09	141.98	329.65	671.80	1,114.52	1,058.59	55.94	19.924		
8,000.00	7,976.36	7,892.73	7,845.81	28.78	28.45	141.93	335.58	683.18	1,132.64	1,075.99	56.66	19.991		
8,100.00	8,076.00	7,991.07	7,943.31	29.15	28.82	141.88	341.52	694.57	1,150.76	1,093.39	57.37	20.057		
8,200.00	8,175.65	8,089.41	8,040.81	29.51	29.18	141.83	347.45	705.96	1,168.88	1,110.79	58.09	20.121		
8,300.00	8,275.29	8,187.75	8,138.31	29.87	29.54	141.79	353.39	717.34	1,187.00	1,128.19	58.81	20.184		
8,400.00	8,374.94	8,286.09	8,235.81	30.23	29.90	141.75	359.32	728.73	1,205.12	1,145.59	59.53	20.244		
8,500.00	8,474.58	8,384.43	8,333.31	30.60	30.26	141.71	365.26	740.11	1,223.24	1,162.99	60.25	20.304		
8,600.00	8,574.22	8,482.77	8,430.81	30.96	30.62	141.67	371.19	751.50	1,241.36	1,180.40	60.97	20.362		
8,700.00	8,673.87	8,581.11	8,528.31	31.32	30.99	141.63	377.13	762.88	1,259.49	1,197.80	61.68	20.418		
8,800.00	8,773.51	8,679.45	8,625.80	31.69	31.35	141.59	383.06	774.27	1,277.61	1,215.21	62.40	20.474		
8,900.00	8,873.16	8,777.79	8,723.30	32.05	31.71	141.55	388.99	785.66	1,295.73	1,232.61	63.12	20.528		
9,000.00	8,972.80	8,876.14	8,820.80	32.41	32.07	141.52	394.93	797.04	1,313.86	1,250.02	63.84	20.581		
9,100.00	9,072.44	8,974.48	8,918.30	32.78	32.43	141.48	400.86	808.43	1,331.98	1,267.42	64.56	20.632		
9,200.00	9,172.12	9,073.07	9,016.06	33.14	32.80	106.35	406.81	819.84	1,348.58	1,283.31	65.28	20.659		
9,300.00	9,271.30	9,331.01	9,271.87	33.50	33.73	90.12	433.45	833.61	1,353.80	1,287.00	66.80	20.267		
9,400.00	9,367.08	9,431.51	9,368.09	33.85	34.08	90.12	462.00	833.37	1,353.80	1,286.31	67.49	20.059		
9,500.00	9,456.50	9,531.98	9,457.84	34.18	34.42	90.11	506.89	833.00	1,353.80	1,285.64	68.16	19.862		
9,600.00	9,536.83	9,632.41	9,538.34	34.48	34.71	90.10	566.72	832.49	1,353.80	1,285.01	68.79	19.680		
9,700.00	9,605.64	9,732.78	9,607.14	34.73	34.96	90.08	639.62	831.87	1,353.80	1,284.43	69.37	19.516		
9,800.00	9,660.83	9,833.08	9,662.14	34.93	35.16	90.06	723.34	831.17	1,353.80	1,283.91	69.89	19.371		
9,900.00	9,700.73	9,933.30	9,701.70	35.11	35.32	90.04	815.28	830.39	1,353.80	1,283.46	70.34	19.246		
10,000.00	9,725.90	10,033.41	9,726.58	35.28	35.47	90.03	912.19	829.57	1,353.80	1,283.07	70.73	19.140		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,100.00	9,742.01	10,133.46	9,742.45	35.46	35.64	90.02	1,010.94	828.74	1,353.80	1,282.70	71.10	19.041		
10,200.00	9,749.46	10,233.49	9,749.64	35.63	35.81	90.01	1,110.67	827.89	1,353.80	1,282.36	71.44	18.950		
10,300.00	9,750.00	10,333.49	9,750.11	35.79	35.98	90.00	1,210.67	827.05	1,353.80	1,282.03	71.77	18.864		
10,400.00	9,750.00	10,433.49	9,750.11	35.97	36.16	90.00	1,310.67	826.20	1,353.80	1,281.68	72.12	18.771		
10,500.00	9,750.00	10,533.49	9,750.11	36.17	36.36	90.00	1,410.66	825.35	1,353.80	1,281.29	72.51	18.671		
10,600.00	9,750.00	10,633.49	9,750.10	36.38	36.58	90.00	1,510.66	824.51	1,353.80	1,280.87	72.93	18.564		
10,700.00	9,750.00	10,733.49	9,750.10	36.61	36.81	90.00	1,610.66	823.66	1,353.80	1,280.42	73.37	18.451		
10,800.00	9,750.00	10,833.49	9,750.10	36.85	37.05	90.00	1,710.65	822.82	1,353.80	1,279.95	73.85	18.332		
10,900.00	9,750.00	10,933.49	9,750.10	37.10	37.31	90.00	1,810.65	821.97	1,353.80	1,279.44	74.35	18.208		
11,000.00	9,750.00	11,033.49	9,750.10	37.37	37.58	90.00	1,910.65	821.12	1,353.80	1,278.91	74.89	18.078		
11,100.00	9,750.00	11,133.49	9,750.10	37.65	37.87	90.00	2,010.64	820.28	1,353.80	1,278.35	75.45	17.943		
11,200.00	9,750.00	11,233.49	9,750.10	37.95	38.17	90.00	2,110.64	819.43	1,353.80	1,277.76	76.04	17.805		
11,300.00	9,750.00	11,333.49	9,750.10	38.26	38.48	90.00	2,210.64	818.59	1,353.80	1,277.15	76.65	17.662		
11,400.00	9,750.00	11,433.49	9,750.10	38.58	38.80	90.00	2,310.63	817.74	1,353.80	1,276.50	77.29	17.516		
11,500.00	9,750.00	11,533.49	9,750.10	38.91	39.14	90.00	2,410.63	816.89	1,353.80	1,275.84	77.96	17.366		
11,600.00	9,750.00	11,633.49	9,750.10	39.26	39.49	90.00	2,510.62	816.05	1,353.80	1,275.15	78.65	17.214		
11,700.00	9,750.00	11,733.49	9,750.10	39.62	39.85	90.00	2,610.62	815.20	1,353.80	1,274.44	79.36	17.059		
11,800.00	9,750.00	11,833.49	9,750.10	39.99	40.22	90.00	2,710.62	814.36	1,353.79	1,273.70	80.10	16.902		
11,900.00	9,750.00	11,933.49	9,750.10	40.37	40.60	90.00	2,810.61	813.51	1,353.79	1,272.94	80.86	16.743		
12,000.00	9,750.00	12,033.49	9,750.10	40.76	40.99	90.00	2,910.61	812.66	1,353.79	1,272.16	81.64	16.583		
12,100.00	9,750.00	12,133.49	9,750.10	41.16	41.40	90.00	3,010.61	811.82	1,353.79	1,271.35	82.44	16.422		
12,200.00	9,750.00	12,233.49	9,750.10	41.58	41.81	90.00	3,110.60	810.97	1,353.79	1,270.53	83.26	16.259		
12,300.00	9,750.00	12,333.49	9,750.10	42.00	42.23	90.00	3,210.60	810.13	1,353.79	1,269.69	84.11	16.096		
12,400.00	9,750.00	12,433.49	9,750.10	42.43	42.66	90.00	3,310.60	809.28	1,353.79	1,268.82	84.97	15.933		
12,500.00	9,750.00	12,533.49	9,750.10	42.87	43.11	90.00	3,410.59	808.43	1,353.79	1,267.94	85.85	15.769		
12,600.00	9,750.00	12,633.49	9,750.10	43.32	43.56	90.00	3,510.59	807.59	1,353.79	1,267.04	86.75	15.605		
12,700.00	9,750.00	12,733.49	9,750.10	43.78	44.02	90.00	3,610.59	806.74	1,353.79	1,266.12	87.67	15.442		
12,800.00	9,750.00	12,833.49	9,750.10	44.25	44.49	90.00	3,710.58	805.89	1,353.79	1,265.19	88.61	15.279		
12,900.00	9,750.00	12,933.49	9,750.10	44.73	44.96	90.00	3,810.58	805.05	1,353.79	1,264.23	89.56	15.116		
13,000.00	9,750.00	13,033.49	9,750.10	45.21	45.45	90.00	3,910.57	804.20	1,353.79	1,263.27	90.53	14.955		
13,100.00	9,750.00	13,133.49	9,750.10	45.71	45.94	90.00	4,010.57	803.36	1,353.79	1,262.28	91.51	14.794		
13,200.00	9,750.00	13,233.49	9,750.10	46.21	46.44	90.00	4,110.57	802.51	1,353.79	1,261.28	92.51	14.634		
13,300.00	9,750.00	13,333.49	9,750.10	46.71	46.94	90.00	4,210.56	801.66	1,353.79	1,260.27	93.52	14.475		
13,400.00	9,750.00	13,433.49	9,750.10	47.23	47.46	90.00	4,310.56	800.82	1,353.79	1,259.24	94.55	14.318		
13,500.00	9,750.00	13,533.49	9,750.10	47.75	47.98	90.00	4,410.56	799.97	1,353.79	1,258.20	95.59	14.162		
13,600.00	9,750.00	13,633.49	9,750.10	48.28	48.51	90.00	4,510.55	799.13	1,353.79	1,257.14	96.65	14.007		
13,700.00	9,750.00	13,733.49	9,750.10	48.81	49.04	90.00	4,610.55	798.28	1,353.79	1,256.08	97.72	13.854		
13,800.00	9,750.00	13,833.49	9,750.10	49.35	49.58	90.00	4,710.55	797.43	1,353.79	1,255.00	98.80	13.703		
13,900.00	9,750.00	13,933.49	9,750.10	49.90	50.13	90.00	4,810.54	796.59	1,353.79	1,253.90	99.89	13.553		
14,000.00	9,750.00	14,033.49	9,750.10	50.45	50.68	90.00	4,910.54	795.74	1,353.79	1,252.80	100.99	13.405		
14,100.00	9,750.00	14,133.49	9,750.10	51.01	51.23	90.00	5,010.54	794.90	1,353.79	1,251.68	102.11	13.258		
14,200.00	9,750.00	14,233.49	9,750.10	51.57	51.80	90.00	5,110.53	794.05	1,353.79	1,250.56	103.23	13.114		
14,300.00	9,750.00	14,333.49	9,750.10	52.14	52.36	90.00	5,210.53	793.20	1,353.79	1,249.42	104.37	12.971		
14,400.00	9,750.00	14,433.49	9,750.10	52.71	52.94	90.00	5,310.52	792.36	1,353.79	1,248.27	105.52	12.830		
14,500.00	9,750.00	14,533.49	9,750.10	53.29	53.51	90.00	5,410.52	791.51	1,353.79	1,247.12	106.67	12.691		
14,600.00	9,750.00	14,633.49	9,750.10	53.88	54.10	90.00	5,510.52	790.67	1,353.79	1,245.95	107.84	12.554		
14,700.00	9,750.00	14,733.49	9,750.10	54.46	54.68	90.00	5,610.51	789.82	1,353.79	1,244.77	109.02	12.418		
14,800.00	9,750.00	14,833.49	9,750.10	55.06	55.28	90.00	5,710.51	788.97	1,353.79	1,243.59	110.20	12.285		
14,900.00	9,750.00	14,933.49	9,750.10	55.65	55.87	90.00	5,810.51	788.13	1,353.79	1,242.40	111.39	12.153		
15,000.00	9,750.00	15,033.49	9,750.10	56.26	56.47	90.00	5,910.50	787.28	1,353.79	1,241.19	112.59	12.024		
15,100.00	9,750.00	15,133.49	9,750.10	56.86	57.08	90.00	6,010.50	786.44	1,353.79	1,239.99	113.80	11.896		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,200.00	9,750.00	15,233.49	9,750.10	57.47	57.68	90.00	6,110.50	785.59	1,353.79	1,238.77	115.02	11.770		
15,300.00	9,750.00	15,333.49	9,750.10	58.08	58.30	90.00	6,210.49	784.74	1,353.79	1,237.54	116.25	11.646		
15,400.00	9,750.00	15,433.49	9,750.10	58.70	58.91	90.00	6,310.49	783.90	1,353.79	1,236.31	117.48	11.524		
15,500.00	9,750.00	15,533.49	9,750.10	59.32	59.53	90.00	6,410.49	783.05	1,353.79	1,235.07	118.72	11.403		
15,600.00	9,750.00	15,633.49	9,750.10	59.94	60.15	90.00	6,510.48	782.21	1,353.79	1,233.82	119.97	11.285		
15,700.00	9,750.00	15,733.49	9,750.10	60.57	60.78	90.00	6,610.48	781.36	1,353.79	1,232.57	121.22	11.168		
15,800.00	9,750.00	15,833.49	9,750.10	61.20	61.41	90.00	6,710.47	780.51	1,353.79	1,231.31	122.48	11.053		
15,900.00	9,750.00	15,933.49	9,750.10	61.83	62.04	90.00	6,810.47	779.67	1,353.79	1,230.04	123.75	10.940		
16,000.00	9,750.00	16,033.49	9,750.10	62.47	62.67	90.00	6,910.47	778.82	1,353.79	1,228.77	125.02	10.829		
16,100.00	9,750.00	16,133.49	9,750.10	63.11	63.31	90.00	7,010.46	777.98	1,353.79	1,227.49	126.30	10.719		
16,200.00	9,750.00	16,233.49	9,750.10	63.75	63.95	90.00	7,110.46	777.13	1,353.79	1,226.21	127.58	10.611		
16,300.00	9,750.00	16,333.49	9,750.10	64.40	64.60	90.00	7,210.46	776.28	1,353.79	1,224.92	128.87	10.505		
16,400.00	9,750.00	16,433.49	9,750.10	65.04	65.24	90.00	7,310.45	775.44	1,353.79	1,223.62	130.17	10.401		
16,500.00	9,750.00	16,533.49	9,750.10	65.69	65.89	90.00	7,410.45	774.59	1,353.79	1,222.32	131.47	10.298		
16,600.00	9,750.00	16,633.49	9,750.10	66.35	66.55	90.00	7,510.45	773.75	1,353.79	1,221.02	132.77	10.196		
16,700.00	9,750.00	16,733.49	9,750.10	67.00	67.20	90.00	7,610.44	772.90	1,353.79	1,219.71	134.08	10.097		
16,800.00	9,750.00	16,833.49	9,750.10	67.66	67.86	90.00	7,710.44	772.05	1,353.79	1,218.39	135.40	9.999		
16,900.00	9,750.00	16,933.49	9,750.10	68.32	68.52	90.00	7,810.44	771.21	1,353.79	1,217.07	136.72	9.902		
17,000.00	9,750.00	17,033.49	9,750.10	68.98	69.18	90.00	7,910.43	770.36	1,353.79	1,215.75	138.04	9.807		
17,100.00	9,750.00	17,133.49	9,750.10	69.65	69.84	90.00	8,010.43	769.52	1,353.79	1,214.42	139.37	9.714		
17,200.00	9,750.00	17,233.49	9,750.10	70.31	70.51	90.00	8,110.42	768.67	1,353.79	1,213.08	140.70	9.622		
17,300.00	9,750.00	17,333.49	9,750.10	70.98	71.17	90.00	8,210.42	767.82	1,353.79	1,211.75	142.04	9.531		
17,400.00	9,750.00	17,433.49	9,750.10	71.65	71.84	90.00	8,310.42	766.98	1,353.79	1,210.40	143.38	9.442		
17,500.00	9,750.00	17,533.49	9,750.10	72.33	72.52	90.00	8,410.41	766.13	1,353.79	1,209.06	144.73	9.354		
17,600.00	9,750.00	17,633.49	9,750.10	73.00	73.19	90.00	8,510.41	765.29	1,353.79	1,207.71	146.08	9.268		
17,700.00	9,750.00	17,733.49	9,750.10	73.68	73.87	90.00	8,610.41	764.44	1,353.79	1,206.36	147.43	9.183		
17,800.00	9,750.00	17,833.49	9,750.10	74.36	74.54	90.00	8,710.40	763.59	1,353.79	1,205.00	148.79	9.099		
17,900.00	9,750.00	17,933.49	9,750.10	75.04	75.22	90.00	8,810.40	762.75	1,353.79	1,203.64	150.15	9.016		
18,000.00	9,750.00	18,033.49	9,750.10	75.72	75.90	90.00	8,910.40	761.90	1,353.79	1,202.28	151.51	8.935		
18,100.00	9,750.00	18,133.49	9,750.10	76.40	76.59	90.00	9,010.39	761.06	1,353.78	1,200.91	152.88	8.855		
18,200.00	9,750.00	18,233.49	9,750.10	77.09	77.27	90.00	9,110.39	760.21	1,353.78	1,199.54	154.25	8.777		
18,300.00	9,750.00	18,333.49	9,750.10	77.77	77.96	90.00	9,210.39	759.36	1,353.78	1,198.16	155.62	8.699		
18,400.00	9,750.00	18,433.49	9,750.10	78.46	78.64	90.00	9,310.38	758.52	1,353.78	1,196.79	157.00	8.623		
18,500.00	9,750.00	18,533.49	9,750.10	79.15	79.33	90.00	9,410.38	757.67	1,353.78	1,195.41	158.38	8.548		
18,600.00	9,750.00	18,633.49	9,750.10	79.84	80.02	90.00	9,510.37	756.83	1,353.78	1,194.03	159.76	8.474		
18,700.00	9,750.00	18,733.49	9,750.10	80.53	80.71	90.00	9,610.37	755.98	1,353.78	1,192.64	161.14	8.401		
18,800.00	9,750.00	18,833.49	9,750.10	81.23	81.41	90.00	9,710.37	755.13	1,353.78	1,191.25	162.53	8.329		
18,900.00	9,750.00	18,933.49	9,750.10	81.92	82.10	90.00	9,810.36	754.29	1,353.78	1,189.86	163.92	8.259		
19,000.00	9,750.00	19,033.49	9,750.10	82.62	82.80	90.00	9,910.36	753.44	1,353.78	1,188.47	165.31	8.189		
19,100.00	9,750.00	19,133.49	9,750.10	83.32	83.49	90.00	10,010.36	752.60	1,353.78	1,187.07	166.71	8.121		
19,200.00	9,750.00	19,233.49	9,750.10	84.02	84.19	90.00	10,110.35	751.75	1,353.78	1,185.68	168.11	8.053		
19,300.00	9,750.00	19,333.49	9,750.10	84.72	84.89	90.00	10,210.35	750.90	1,353.78	1,184.27	169.51	7.987		
19,400.00	9,750.00	19,433.49	9,750.10	85.42	85.59	90.00	10,310.35	750.06	1,353.78	1,182.87	170.91	7.921		
19,500.00	9,750.00	19,533.49	9,750.10	86.12	86.30	90.00	10,410.34	749.21	1,353.78	1,181.47	172.32	7.856		
19,600.00	9,750.00	19,633.49	9,750.10	86.83	87.00	90.00	10,510.34	748.36	1,353.78	1,180.06	173.72	7.793		
19,700.00	9,750.00	19,733.49	9,750.10	87.53	87.70	90.00	10,610.34	747.52	1,353.78	1,178.65	175.13	7.730		
19,800.00	9,750.00	19,833.49	9,750.10	88.24	88.41	90.00	10,710.33	746.67	1,353.78	1,177.24	176.55	7.668		
19,900.00	9,750.00	19,933.49	9,750.10	88.94	89.11	90.00	10,810.33	745.83	1,353.78	1,175.82	177.96	7.607		
20,000.00	9,750.00	20,033.49	9,750.10	89.65	89.82	90.00	10,910.32	744.98	1,353.78	1,174.40	179.38	7.547		
20,100.00	9,750.00	20,133.49	9,750.10	90.36	90.53	90.00	11,010.32	744.13	1,353.78	1,172.99	180.80	7.488		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,200.00	9,750.00	20,233.49	9,750.10	91.07	91.24	90.00	11,110.32	743.29	1,353.78	1,171.57	182.22	7.430		
20,300.00	9,750.00	20,333.49	9,750.10	91.78	91.95	90.00	11,210.31	742.44	1,353.78	1,170.14	183.64	7.372		
20,400.00	9,750.00	20,433.49	9,750.10	92.50	92.66	90.00	11,310.31	741.60	1,353.78	1,168.72	185.06	7.315		
20,500.00	9,750.00	20,533.49	9,750.10	93.21	93.37	90.00	11,410.31	740.75	1,353.78	1,167.29	186.49	7.259		
20,600.00	9,750.00	20,633.49	9,750.10	93.92	94.09	90.00	11,510.30	739.90	1,353.78	1,165.87	187.91	7.204		
20,700.00	9,750.00	20,733.49	9,750.10	94.64	94.80	90.00	11,610.30	739.06	1,353.78	1,164.44	189.34	7.150		
20,800.00	9,750.00	20,833.49	9,750.10	95.35	95.52	90.00	11,710.30	738.21	1,353.78	1,163.01	190.78	7.096		
20,900.00	9,750.00	20,933.49	9,750.10	96.07	96.23	90.00	11,810.29	737.37	1,353.78	1,161.57	192.21	7.043		
21,000.00	9,750.00	21,033.49	9,750.10	96.79	96.95	90.00	11,910.29	736.52	1,353.78	1,160.14	193.64	6.991		
21,100.00	9,750.00	21,133.49	9,750.10	97.50	97.67	90.00	12,010.29	735.67	1,353.78	1,158.70	195.08	6.940		
21,200.00	9,750.00	21,233.49	9,750.10	98.22	98.38	90.00	12,110.28	734.83	1,353.78	1,157.26	196.52	6.889		
21,300.00	9,750.00	21,333.49	9,750.10	98.94	99.10	90.00	12,210.28	733.98	1,353.78	1,155.83	197.95	6.839		
21,400.00	9,750.00	21,433.49	9,750.10	99.66	99.82	90.00	12,310.27	733.14	1,353.78	1,154.38	199.40	6.789		
21,500.00	9,750.00	21,533.49	9,750.10	100.38	100.54	90.00	12,410.27	732.29	1,353.78	1,152.94	200.84	6.741		
21,600.00	9,750.00	21,633.49	9,750.10	101.11	101.26	90.00	12,510.27	731.44	1,353.78	1,151.50	202.28	6.693		
21,700.00	9,750.00	21,733.49	9,750.10	101.83	101.99	90.00	12,610.26	730.60	1,353.78	1,150.05	203.73	6.645		
21,800.00	9,750.00	21,833.49	9,750.10	102.55	102.71	90.00	12,710.26	729.75	1,353.78	1,148.61	205.17	6.598		
21,900.00	9,750.00	21,933.49	9,750.10	103.27	103.43	90.00	12,810.26	728.91	1,353.78	1,147.16	206.62	6.552		
22,000.00	9,750.00	22,033.49	9,750.10	104.00	104.16	90.00	12,910.25	728.06	1,353.78	1,145.71	208.07	6.506		
22,100.00	9,750.00	22,133.49	9,750.10	104.72	104.88	90.00	13,010.25	727.21	1,353.78	1,144.26	209.52	6.461		
22,200.00	9,750.00	22,233.49	9,750.10	105.45	105.61	90.00	13,110.25	726.37	1,353.78	1,142.81	210.97	6.417		
22,300.00	9,750.00	22,333.49	9,750.10	106.18	106.33	90.00	13,210.24	725.52	1,353.78	1,141.36	212.42	6.373		
22,400.00	9,750.00	22,433.49	9,750.10	106.90	107.06	90.00	13,310.24	724.68	1,353.78	1,139.90	213.88	6.330		
22,500.00	9,750.00	22,533.49	9,750.10	107.63	107.78	90.00	13,410.24	723.83	1,353.78	1,138.45	215.33	6.287		
22,600.00	9,750.00	22,633.49	9,750.10	108.36	108.51	90.00	13,510.23	722.98	1,353.78	1,136.99	216.79	6.245		
22,700.00	9,750.00	22,733.49	9,750.10	109.09	109.24	90.00	13,610.23	722.14	1,353.78	1,135.53	218.25	6.203		
22,800.00	9,750.00	22,833.49	9,750.10	109.82	109.97	90.00	13,710.22	721.29	1,353.78	1,134.07	219.70	6.162		
22,900.00	9,750.00	22,933.49	9,750.10	110.55	110.70	90.00	13,810.22	720.45	1,353.78	1,132.61	221.16	6.121		
23,000.00	9,750.00	23,033.49	9,750.10	111.28	111.43	90.00	13,910.22	719.60	1,353.78	1,131.15	222.62	6.081		
23,100.00	9,750.00	23,133.49	9,750.10	112.01	112.16	90.00	14,010.21	718.75	1,353.78	1,129.69	224.09	6.041		
23,200.00	9,750.00	23,233.49	9,750.10	112.74	112.89	90.00	14,110.21	717.91	1,353.78	1,128.23	225.55	6.002		
23,300.00	9,750.00	23,333.49	9,750.10	113.47	113.62	90.00	14,210.21	717.06	1,353.78	1,126.76	227.01	5.963		
23,400.00	9,750.00	23,433.49	9,750.10	114.20	114.35	90.00	14,310.20	716.22	1,353.78	1,125.30	228.48	5.925		
23,500.00	9,750.00	23,533.49	9,750.10	114.94	115.09	90.00	14,410.20	715.37	1,353.78	1,123.83	229.94	5.887		
23,600.00	9,750.00	23,633.49	9,750.10	115.67	115.82	90.00	14,510.20	714.52	1,353.78	1,122.37	231.41	5.850		
23,700.00	9,750.00	23,733.49	9,750.10	116.40	116.55	90.00	14,610.19	713.68	1,353.78	1,120.90	232.88	5.813		
23,800.00	9,750.00	23,833.49	9,750.10	117.14	117.29	90.00	14,710.19	712.83	1,353.78	1,119.43	234.35	5.777		
23,900.00	9,750.00	23,933.49	9,750.10	117.87	118.02	90.00	14,810.19	711.99	1,353.78	1,117.96	235.81	5.741		
24,000.00	9,750.00	24,033.49	9,750.10	118.61	118.75	90.00	14,910.18	711.14	1,353.78	1,116.49	237.28	5.705		
24,100.00	9,750.00	24,133.49	9,750.10	119.34	119.49	90.00	15,010.18	710.29	1,353.78	1,115.02	238.76	5.670		
24,200.00	9,750.00	24,233.49	9,750.10	120.08	120.23	90.00	15,110.17	709.45	1,353.78	1,113.55	240.23	5.635		
24,300.00	9,750.00	24,333.49	9,750.10	120.82	120.96	90.00	15,210.17	708.60	1,353.78	1,112.07	241.70	5.601		
24,400.00	9,750.00	24,433.49	9,750.10	121.55	121.70	90.00	15,310.17	707.76	1,353.77	1,110.60	243.17	5.567		
24,500.00	9,750.00	24,533.49	9,750.10	122.29	122.43	90.00	15,410.16	706.91	1,353.77	1,109.13	244.65	5.534		
24,600.00	9,750.00	24,633.49	9,750.10	123.03	123.17	90.00	15,510.16	706.06	1,353.77	1,107.65	246.12	5.500		
24,700.00	9,750.00	24,733.49	9,750.10	123.77	123.91	90.00	15,610.16	705.22	1,353.77	1,106.17	247.60	5.468		
24,800.00	9,750.00	24,833.49	9,750.10	124.50	124.65	90.00	15,710.15	704.37	1,353.77	1,104.70	249.08	5.435		
24,900.00	9,750.00	24,933.49	9,750.10	125.24	125.39	90.00	15,810.15	703.53	1,353.77	1,103.22	250.55	5.403		
25,000.00	9,750.00	25,033.49	9,750.10	125.98	126.12	90.00	15,910.15	702.68	1,353.77	1,101.74	252.03	5.371		
25,100.00	9,750.00	25,133.49	9,750.10	126.72	126.86	90.00	16,010.14	701.83	1,353.77	1,100.26	253.51	5.340		
25,200.00	9,750.00	25,233.49	9,750.10	127.46	127.60	90.00	16,110.14	700.99	1,353.77	1,098.78	254.99	5.309		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program: 0-MWD+IFR1+MS													Offset Site Error:	0.00 usft
Reference Offset													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
25,300.00	9,750.00	25,333.49	9,750.10	128.20	128.34	90.00	16,210.13	700.14	1,353.77	1,097.30	256.47	5.278		
25,400.00	9,750.00	25,433.49	9,750.10	128.94	129.08	90.00	16,310.13	699.30	1,353.77	1,095.82	257.95	5.248		
25,500.00	9,750.00	25,533.49	9,750.10	129.68	129.82	90.00	16,410.13	698.45	1,353.77	1,094.34	259.44	5.218		
25,600.00	9,750.00	25,633.49	9,750.10	130.43	130.56	90.00	16,510.12	697.60	1,353.77	1,092.86	260.92	5.189		
25,700.00	9,750.00	25,733.49	9,750.10	131.17	131.31	90.00	16,610.12	696.76	1,353.77	1,091.37	262.40	5.159		
25,800.00	9,750.00	25,833.49	9,750.10	131.91	132.05	90.00	16,710.12	695.91	1,353.77	1,089.89	263.88	5.130		
25,900.00	9,750.00	25,933.49	9,750.10	132.65	132.79	90.00	16,810.11	695.07	1,353.77	1,088.40	265.37	5.101		
26,000.00	9,750.00	26,033.49	9,750.10	133.39	133.53	90.00	16,910.11	694.22	1,353.77	1,086.92	266.85	5.073		
26,100.00	9,750.00	26,133.49	9,750.10	134.14	134.27	90.00	17,010.11	693.37	1,353.77	1,085.43	268.34	5.045		
26,200.00	9,750.00	26,233.49	9,750.10	134.88	135.02	90.00	17,110.10	692.53	1,353.77	1,083.95	269.83	5.017		
26,300.00	9,750.00	26,333.49	9,750.10	135.62	135.76	90.00	17,210.10	691.68	1,353.77	1,082.46	271.31	4.990		
26,400.00	9,750.00	26,433.49	9,750.10	136.37	136.50	90.00	17,310.10	690.83	1,353.77	1,080.97	272.80	4.962		
26,500.00	9,750.00	26,533.49	9,750.10	137.11	137.25	90.00	17,410.09	689.99	1,353.77	1,079.48	274.29	4.936		
26,600.00	9,750.00	26,633.49	9,750.10	137.85	137.99	90.00	17,510.09	689.14	1,353.77	1,077.99	275.78	4.909		
26,700.00	9,750.00	26,733.49	9,750.10	138.60	138.73	90.00	17,610.08	688.30	1,353.77	1,076.51	277.27	4.883		
26,800.00	9,750.00	26,833.49	9,750.10	139.34	139.48	90.00	17,710.08	687.45	1,353.77	1,075.02	278.76	4.856		
26,900.00	9,750.00	26,933.49	9,750.10	140.09	140.22	90.00	17,810.08	686.60	1,353.77	1,073.53	280.25	4.831		
27,000.00	9,750.00	27,033.49	9,750.10	140.83	140.97	90.00	17,910.07	685.76	1,353.77	1,072.03	281.74	4.805		
27,100.00	9,750.00	27,133.49	9,750.10	141.58	141.71	90.00	18,010.07	684.91	1,353.77	1,070.54	283.23	4.780		
27,200.00	9,750.00	27,233.49	9,750.10	142.33	142.46	90.00	18,110.07	684.07	1,353.77	1,069.05	284.72	4.755		
27,300.00	9,750.00	27,333.49	9,750.10	143.07	143.21	90.00	18,210.06	683.22	1,353.77	1,067.56	286.21	4.730		
27,400.00	9,750.00	27,433.49	9,750.10	143.82	143.95	90.00	18,310.06	682.37	1,353.77	1,066.07	287.70	4.705		
27,500.00	9,750.00	27,533.49	9,750.10	144.57	144.70	90.00	18,410.06	681.53	1,353.77	1,064.57	289.20	4.681		
27,600.00	9,750.00	27,633.49	9,750.10	145.31	145.44	90.00	18,510.05	680.68	1,353.77	1,063.08	290.69	4.657		
27,700.00	9,750.00	27,733.49	9,750.10	146.06	146.19	90.00	18,610.05	679.84	1,353.77	1,061.58	292.19	4.633		
27,800.00	9,750.00	27,833.49	9,750.10	146.81	146.94	90.00	18,710.05	678.99	1,353.77	1,060.09	293.68	4.610		
27,900.00	9,750.00	27,933.49	9,750.10	147.55	147.69	90.00	18,810.04	678.14	1,353.77	1,058.59	295.18	4.586		
28,000.00	9,750.00	28,033.49	9,750.10	148.30	148.43	90.00	18,910.04	677.30	1,353.77	1,057.10	296.67	4.563		
28,100.00	9,750.00	28,133.49	9,750.10	149.05	149.18	90.00	19,010.03	676.45	1,353.77	1,055.60	298.17	4.540		
28,200.00	9,750.00	28,233.49	9,750.10	149.80	149.93	90.00	19,110.03	675.61	1,353.77	1,054.11	299.66	4.518		
28,300.00	9,750.00	28,333.49	9,750.10	150.55	150.68	90.00	19,210.03	674.76	1,353.77	1,052.61	301.16	4.495		
28,400.00	9,750.00	28,433.49	9,750.10	151.30	151.43	90.00	19,310.02	673.91	1,353.77	1,051.11	302.66	4.473		
28,500.00	9,750.00	28,533.49	9,750.10	152.04	152.17	90.00	19,410.02	673.07	1,353.77	1,049.61	304.16	4.451		
28,600.00	9,750.00	28,633.49	9,750.10	152.79	152.92	90.00	19,510.02	672.22	1,353.77	1,048.11	305.65	4.429		
28,700.00	9,750.00	28,733.49	9,750.10	153.54	153.67	90.00	19,610.01	671.38	1,353.77	1,046.62	307.15	4.407		
28,800.00	9,750.00	28,833.49	9,750.10	154.29	154.42	90.00	19,710.01	670.53	1,353.77	1,045.12	308.65	4.386		
28,900.00	9,750.00	28,933.49	9,750.10	155.04	155.17	90.00	19,810.01	669.68	1,353.77	1,043.62	310.15	4.365		
29,000.00	9,750.00	29,033.49	9,750.10	155.79	155.92	90.00	19,910.00	668.84	1,353.77	1,042.12	311.65	4.344		
29,100.00	9,750.00	29,133.49	9,750.10	156.54	156.67	90.00	20,010.00	667.99	1,353.77	1,040.62	313.15	4.323		
29,200.00	9,750.00	29,233.49	9,750.10	157.29	157.42	90.00	20,110.00	667.15	1,353.77	1,039.12	314.65	4.302		
29,300.00	9,750.00	29,333.49	9,750.10	158.04	158.17	90.00	20,209.99	666.30	1,353.77	1,037.62	316.15	4.282		
29,400.00	9,750.00	29,433.49	9,750.10	158.79	158.92	90.00	20,309.99	665.45	1,353.77	1,036.11	317.65	4.262		
29,500.00	9,750.00	29,533.49	9,750.10	159.54	159.67	90.00	20,409.98	664.61	1,353.77	1,034.61	319.15	4.242		
29,600.00	9,750.00	29,633.49	9,750.10	160.29	160.42	90.00	20,509.98	663.76	1,353.77	1,033.11	320.66	4.222		
29,700.00	9,750.00	29,733.49	9,750.10	161.05	161.17	90.00	20,609.98	662.92	1,353.77	1,031.61	322.16	4.202		
29,800.00	9,750.00	29,833.49	9,750.10	161.80	161.92	90.00	20,709.97	662.07	1,353.77	1,030.11	323.66	4.183		
29,900.00	9,750.00	29,933.49	9,750.10	162.55	162.67	90.00	20,809.97	661.22	1,353.77	1,028.60	325.16	4.163		
30,000.00	9,750.00	30,033.49	9,750.10	163.30	163.43	90.00	20,909.97	660.38	1,353.77	1,027.10	326.67	4.144		
30,100.00	9,750.00	30,133.49	9,750.10	164.05	164.18	90.00	21,009.96	659.53	1,353.77	1,025.60	328.17	4.125		
30,200.00	9,750.00	30,233.49	9,750.10	164.80	164.93	90.00	21,109.96	658.69	1,353.77	1,024.09	329.67	4.106		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Offset Design: Yeti-Chile pad - Yeti State Com 224H - OH - Plan #1

Survey Program:		0-MWD+IFR1+MS		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Reference	Offset	Reference	Offset	Reference	Offset		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)								
30,300.00	9,750.00	30,333.49	9,750.10	165.56	165.68	90.00	21,209.96	657.84	1,353.77	1,022.59	331.18	4.088	
30,382.13	9,750.00	30,415.62	9,750.10	166.17	166.30	90.00	21,292.08	657.14	1,353.77	1,021.35	332.41	4.073	
30,392.52	9,750.00	30,418.57	9,750.10	166.25	166.32	90.00	21,295.03	657.12	1,353.79	1,021.27	332.52	4.071	SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

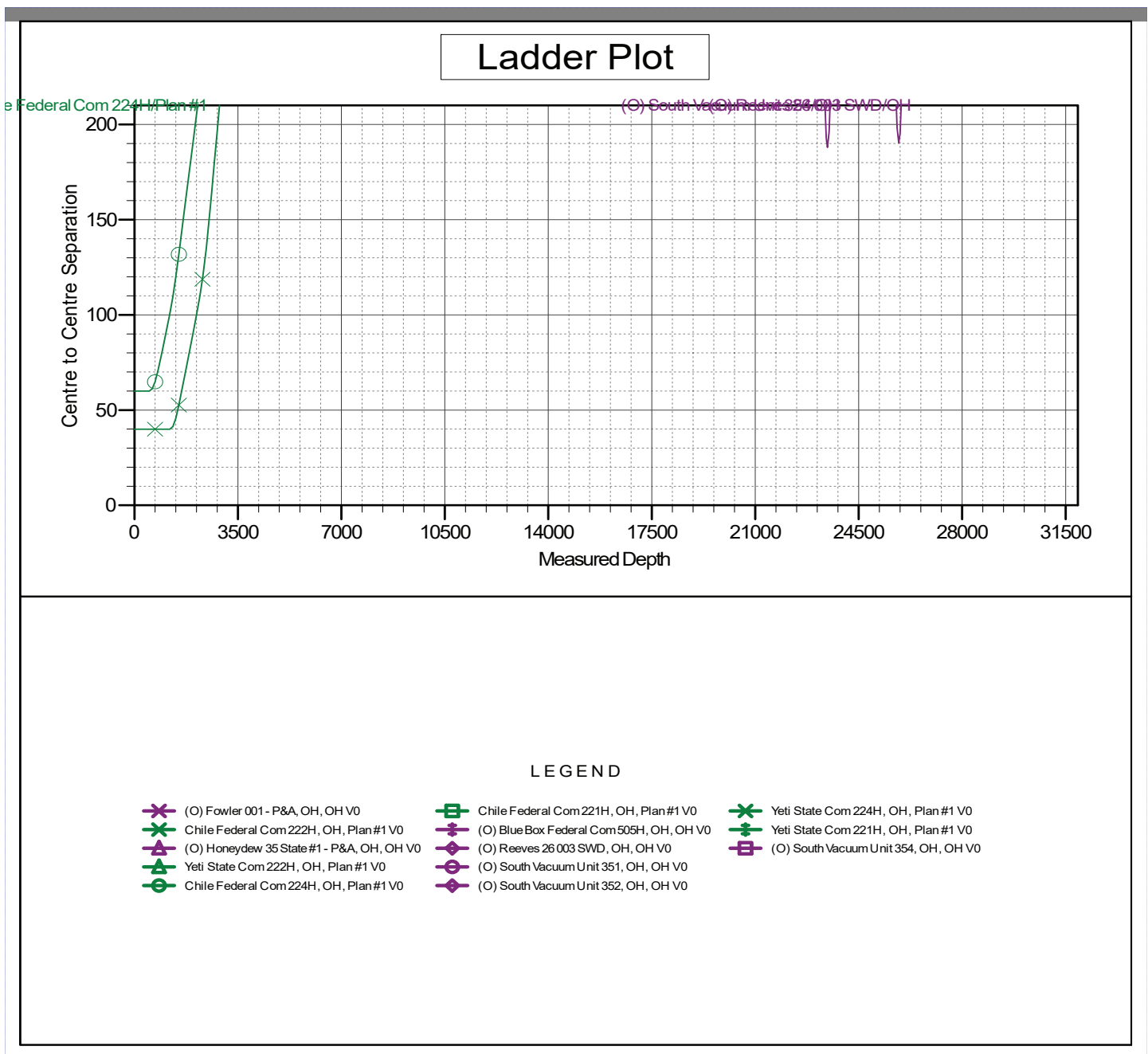
Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to GE 3761.1' + KB 23' @ 3784.10usft (Cac
Offset Depths are relative to Offset Datum
Central Meridian is -104.3333333

Coordinates are relative to: Yeti State Com 223H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.49°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Total Directional Anticollision Report

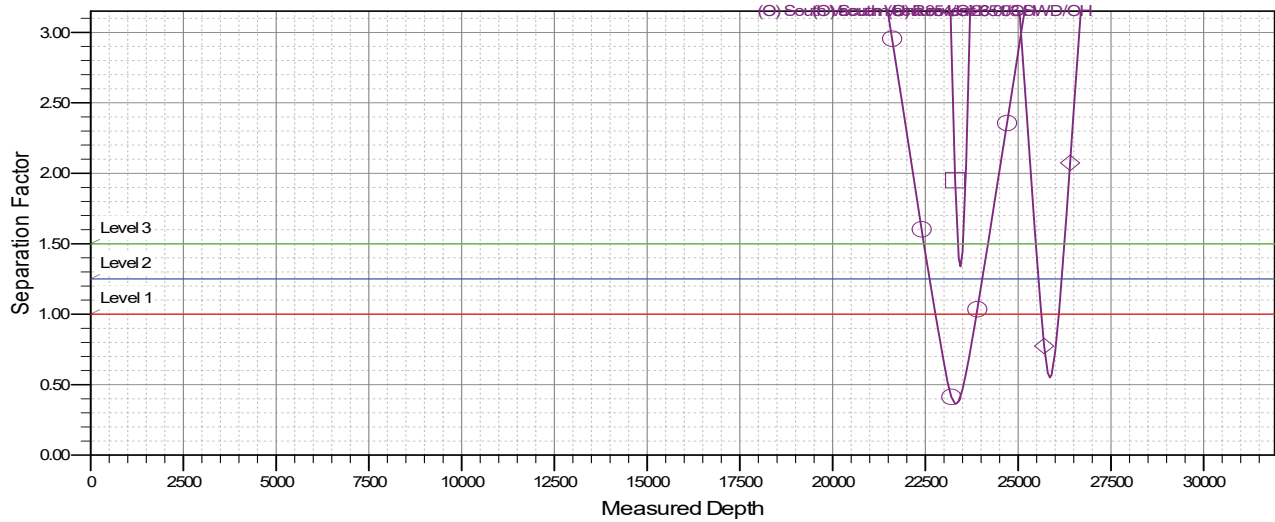


Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 223H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761.1' + KB 23' @ 3784.10usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 223H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	.Total Directional Production DB
Reference Design:	Plan #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to GE 3761.1' + KB 23' @ 3784.10usft (Cac
Offset Depths are relative to Offset Datum
Central Meridian is -104.333333

Coordinates are relative to: Yeti State Com 223H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.49°

Separation Factor Plot



LEGEND

- ✖ (O) Fowler 001 - P&A, OH, OH V0
- ⊞ Chile Federal Com 221H, OH, Plan #1 V0
- ✖ Yeti State Com 224H, OH, Plan #1 V0
- ✖ (O) Blue Box Federal Com 505H, OH, OH V0
- ✖ Yeti State Com 221H, OH, Plan #1 V0
- ✖ (O) Honeydew 35 State #1 - P&A, OH, OH V0
- ◇ (O) Reeves 26 003 SWD, OH, OH V0
- ⊞ (O) South Vacuum Unit 354, OH, OH V0
- ✖ Yeti State Com 222H, OH, Plan #1 V0
- ⊞ (O) South Vacuum Unit 351, OH, OH V0
- ⊞ (O) South Vacuum Unit 352, OH, OH V0
- ✖ Chile Federal Com 224H, OH, Plan #1 V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Coterra: H2S Plan



H2S Drilling Operations Plan

Training

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

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

H2S Detection and Alarm Systems

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

Windsock and/or wind streamers

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

Condition Flags & Signs

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

Coterra: H2S Plan

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

Well Control Equipment

1. See the pressure control section of this submission.

Communication

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

Drillstem Testing

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

Coterra: H2S Plan

H2S Contingency Plan

Emergency Procedures

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

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

Ignition of the Gas Source

1. Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Contacting Authorities

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

Coterra: H2S Plan

Emergency Contacts

Coterra Energy

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

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

Third Party

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

Submit Electronically
 Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

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

Section 1 – Plan Description Effective May 25, 2021

I. Operator: Coterra Energy Operating Co **OGRID:** 215099 **Date:** 02/10/2026

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

If Other, please describe: _____

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

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Yeti State Com 223H	NENE Sec 14 T19S, R35E	320 FNL/1306 FWL	1233	740	4920	

IV. Central Delivery Point Name Chile/ Yeti CTB (New) [See 19.15.27.9(D)(1) NMAC]

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

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Yeti State Com 223H		8/22/26	11/13/26	12/6/26	4/8/27	4/8/27

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

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

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

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

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

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

IX. Anticipated Natural Gas Production:

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

X. Natural Gas Gathering System (NGGS):

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

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

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

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

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

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

Section 3 - Certifications

Effective May 25, 2021

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

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

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

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

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

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

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

Section 4 - Notices

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

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

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

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

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

Signature:	<i>Shelly Bowen</i>
Printed Name:	<input type="text" value="Shelly Bowen"/>
Title:	<input type="text" value="Sr. Regulatory Analyst"/>
E-mail Address:	<input type="text" value="shelly.bowen@coterra.com"/>
Date:	2/10/2026
Phone:	<input type="text" value="432/620-1644"/>

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:
Title:
Approval Date:
Conditions of Approval:

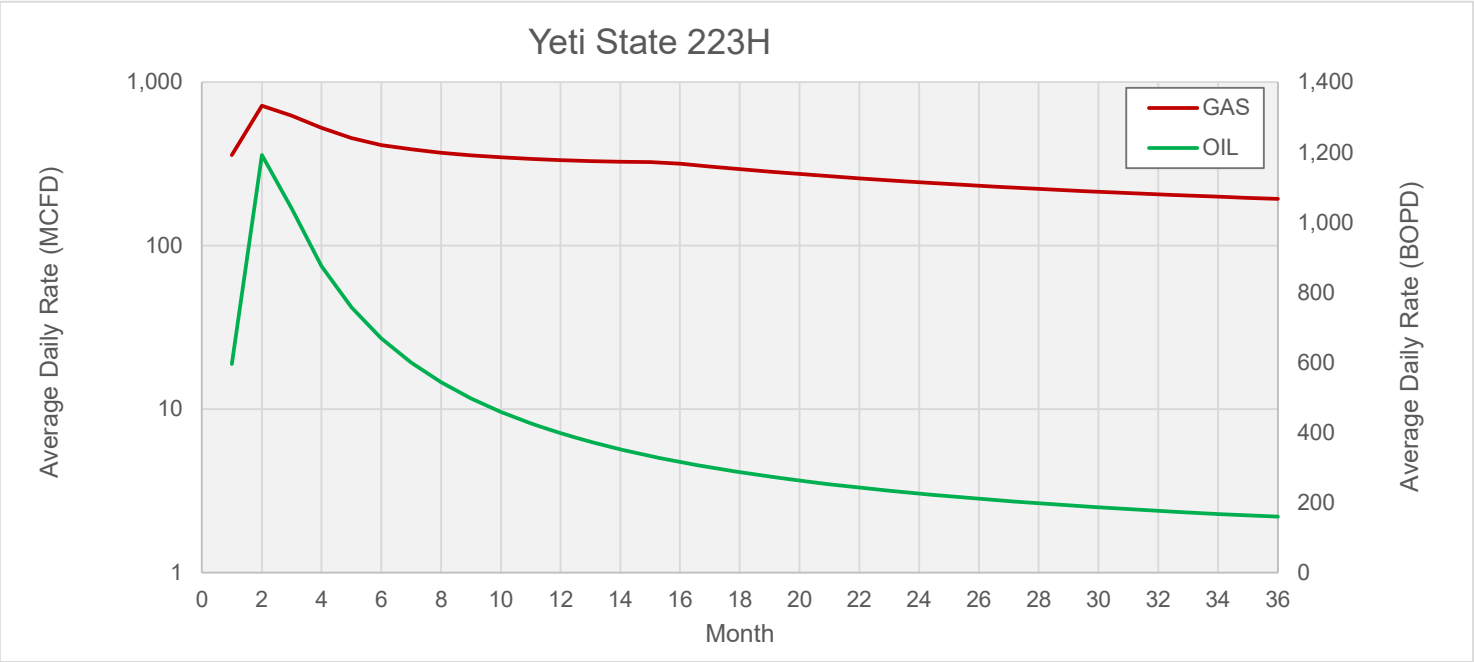
From State of New Mexico, Natural Gas Management Plan

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

XEC Standard Response

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

	Yeti State 223H	Yeti State 223H
Labels	GAS MCFD	OIL BOPD
1	357	596
2	715	1,191
3	623	1,039
4	525	875
5	454	757
6	411	668
7	388	599
8	370	543
9	357	497
10	346	459
11	339	426
12	333	398
13	329	374
14	326	352
15	325	333
16	317	316
17	305	301
18	294	287
19	283	274
20	274	263
21	266	252
22	258	243
23	251	234
24	244	225
25	238	218
26	232	211
27	227	204
28	222	198
29	218	192
30	213	186
31	209	181
32	206	176
33	202	172
34	199	167
35	196	163
36	193	159



Cimarex

VII. Operational Practices

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

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

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

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

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

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

- **Workovers:**
 - Always strive to kill well when performing downhole maintenance.
 - If vapors or trapped pressure is present and must be relieved then:
 - Initial blowdown to production facility:
 - Route vapors to LP flare if possible/applicable
 - Blowdown to portable gas buster tank:
 - Vent to existing or portable flare if applicable.

- **Stock tank servicing:**
 - Minimize time spent with thief hatches open.
 - When cleaning or servicing via manway, suck tank bottoms to ensure minimal volatiles exposed to atmosphere.
 - Connect vacuum truck to low pressure flare while cleaning bottoms to limit venting.
 - Isolate the vent lines and overflows on the tank being serviced from other tanks.

- **Pressure vessel/compressor servicing and associated blowdowns:**
 - Route to flare where possible.
 - Blow vessel down to minimum available pressure via pipeline, prior to venting vessel.
 - Preemptively changing anodes to reduce failures and extended corrosion related servicing.
 - When cleaning or servicing via manway, suck vessel bottoms to ensure minimal volatiles exposed to atmosphere.

- **Flare/combustor maintenance:**
 - Minimize downtime by coordinating with vendor and Cimarex staff travel logistics.
 - Utilizing preventative and predictive maintenance programs to replace high wear components before failure.
 - Because the flare/combustor is the primary equipment used to limit venting practices, ensure flare/combustor is properly maintained and fully operational at all times via routine maintenance, temperature telemetry, onsite visual inspections.

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