

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 410274

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 30-025-56031
5. Property Name YETI.STATE.COM		6. Well No. 224H

7. Surface Location

UL - Lot A	Section 14	Township 19S	Range 35E	Lot Idn A	Feet From 320	N/S Line N	Feet From 1266	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot A	Section 26	Township 18S	Range 35E	Lot Idn A	Feet From 100	N/S Line N	Feet From 466	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 30419	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	9291	332	2925
Prod	8.5	5.5	20	30419	5586	9291

Casing/Cement Program: Additional Comments

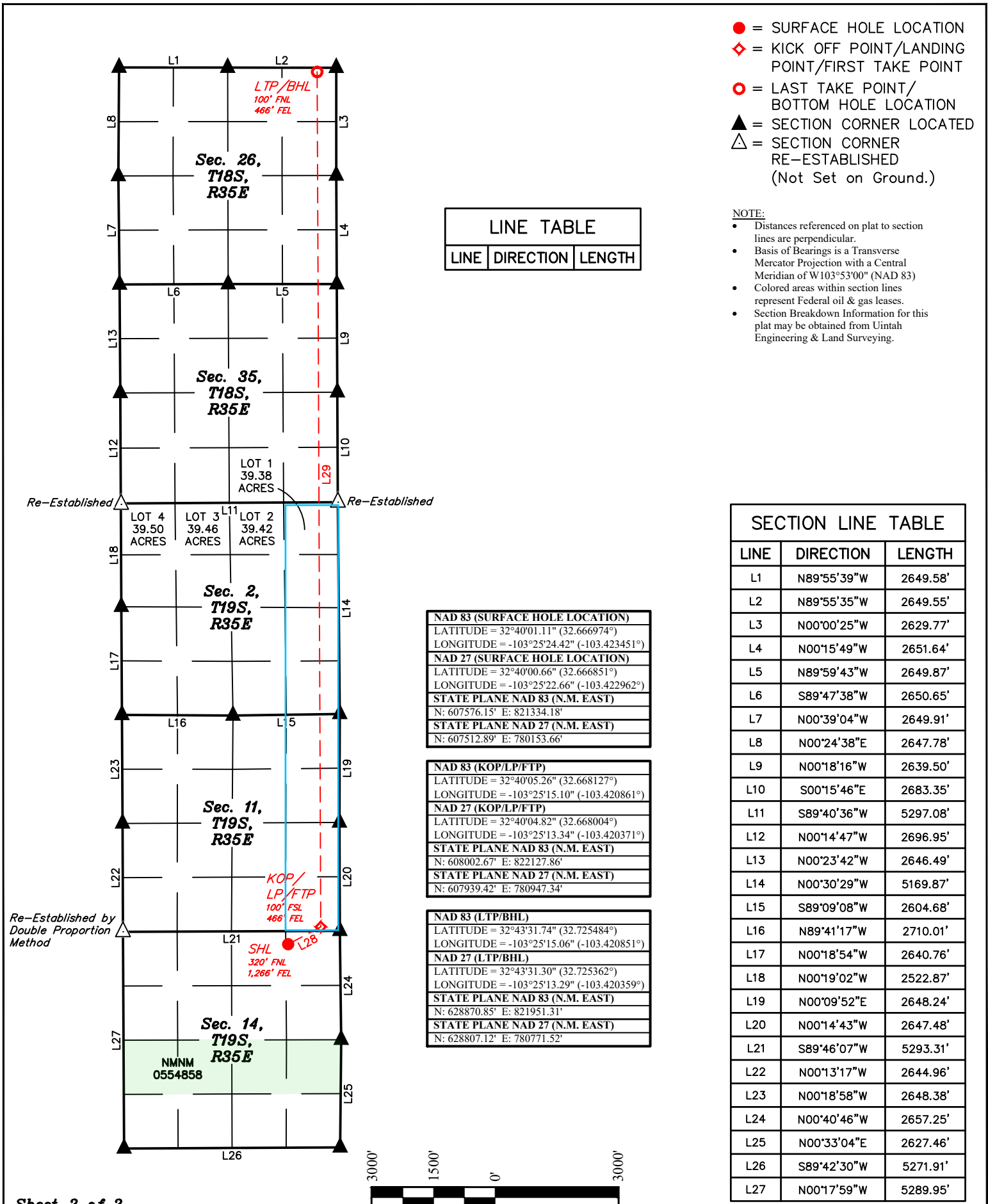
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22. Proposed Blowout Prevention Program

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 224H	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.)

LINE TABLE		
LINE	DIRECTION	LENGTH

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.

SECTION LINE TABLE		
LINE	DIRECTION	LENGTH
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'
L18	N00°19'02"W	2522.87'
L19	N00°09'52"E	2648.24'
L20	N00°14'43"W	2647.48'
L21	S89°46'07"W	5293.31'
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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°25'24.42" (-103.423451°)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°40'00.66" (32.666851°)	
LONGITUDE = -103°25'22.66" (-103.422962°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 607576.15' E: 821334.18'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 607512.89' E: 780153.66'	

NAD 83 (KOP/LP/FTP)	
LATITUDE = 32°40'05.26" (32.668127°)	
LONGITUDE = -103°25'15.10" (-103.420861°)	
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N: 628807.12' E: 780771.52'	



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
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WELL LOCATION INFORMATION

API Number 30-025-56031	Pool Code 61900	Pool Name Vacuum; Bone Spring, South
Property Code 338948	Property Name YETI STATE COM	Well Number 224H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,761.0'
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	1,266 EAST	32.666974°	-103.423451°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	26	18S	35E		100 NORTH	466 EAST	32.725484°	-103.420851°	LEA

Dedicated Acres 320	Infill or Defining Well Defining	Defining Well API Pending	Overlapping Spacing Unit (Y/N) Y	Consolidation Code C
Order Numbers. R-24023	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
P	11	19S	35E		100 SOUTH	466 EAST	32.668127°	-103.420861°	LEA

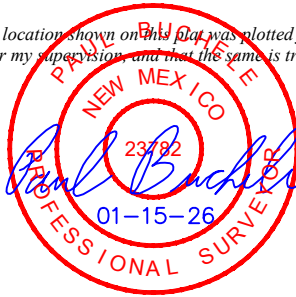
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
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Last Take Point (LTP)

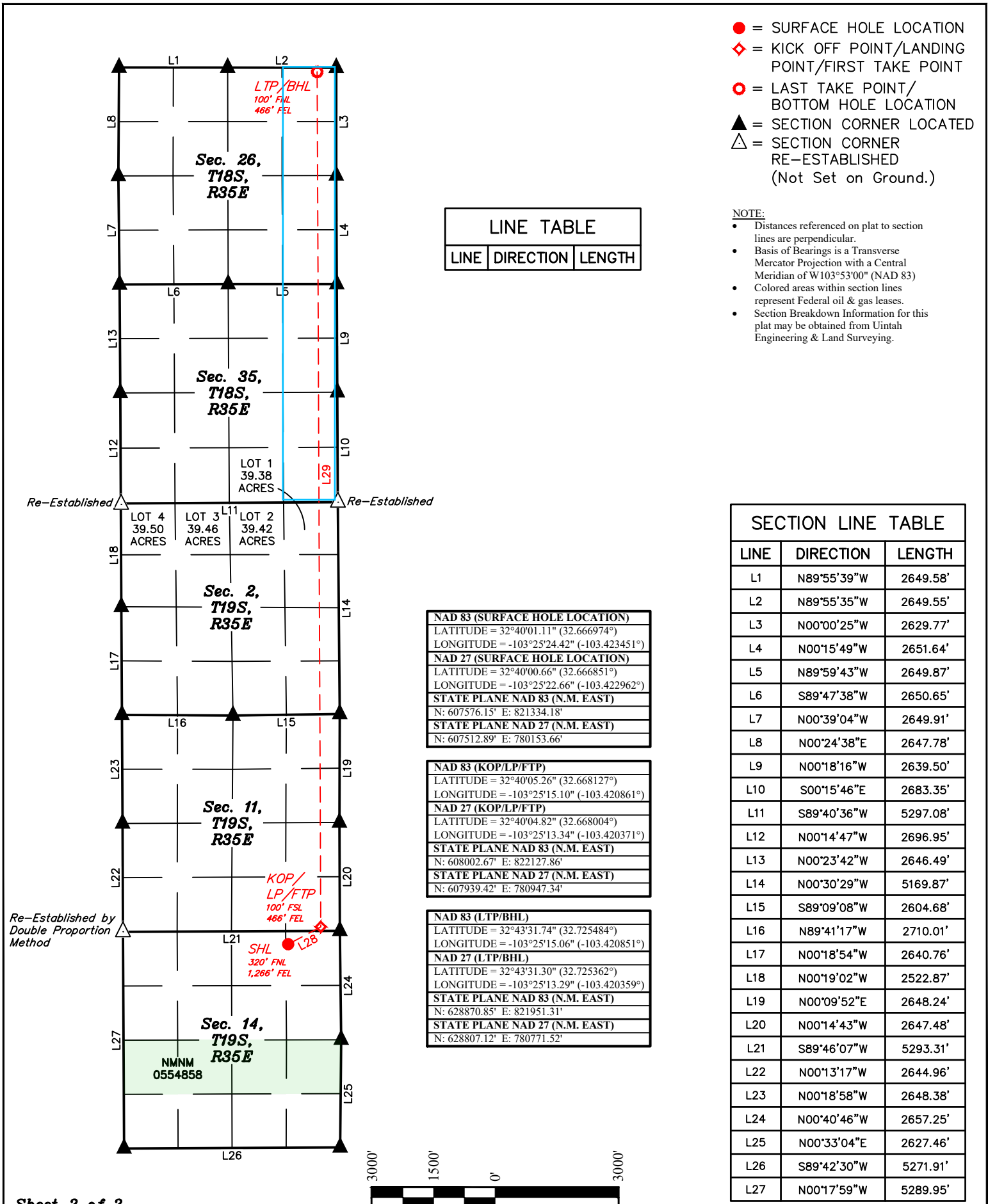
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Unitized Area or Area of Uniform Interest E2E2 Sec 26,35,2,11	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3761.0
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<p>OPERATOR 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 Shelly Bowen	Signature and Seal of Professional Surveyor 23782
Date 3/2/2026	Date of Survey December 22, 2025
Printed Name shellybowen@coterra.com	Certificate Number
Email Address	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 224H	Drawn By N.R. 01-15-26	Revised By
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Form APD Comments

Permit 410274

PERMIT COMMENTS

Operator Name and Address: Coterra Energy Operating Co. [215099] 6001 Deauville Blvd Midland, TX 79706		API Number: 30-025-56031
		Well: YETI STATE COM #224H
Created By	Comment	Comment Date
jeffrey.harrison	Submitted as defining well.	3/11/2026

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

Form APD Conditions

Permit 410274

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: Coterra Energy Operating Co. [215099] 6001 Deauville Blvd Midland, TX 79706	API Number: 30-025-56031
	Well: YETI STATE COM #224H

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 30,419

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	Hydrocarbons	
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	Hydrocarbons	
1st Bone Spring Sand	9210	Hydrocarbons	
2nd Bone Spring Carb	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	9291	9291	7"	29.00	P-110	BT&C	1.96	2.58	4.76
8 1/2	9291	30419	9750	5-1/2"	20.00	P-110	BT&C	2.43	2.71	69.83
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 224H

	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 ft ³ /sack	H ₂ O 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	332	10.30	3.64	22.18		Lead: Tuned Light + LCM
	5586	14.20	1.30	5.86	14:30	Tail: 50:50 (Poz:H) + Salt + Bentonite + Fluid Loss + Dispersant + SMS

Casing String	TOC	% Excess
Surface	0	45
Intermediate	0	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.					
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 30419'	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

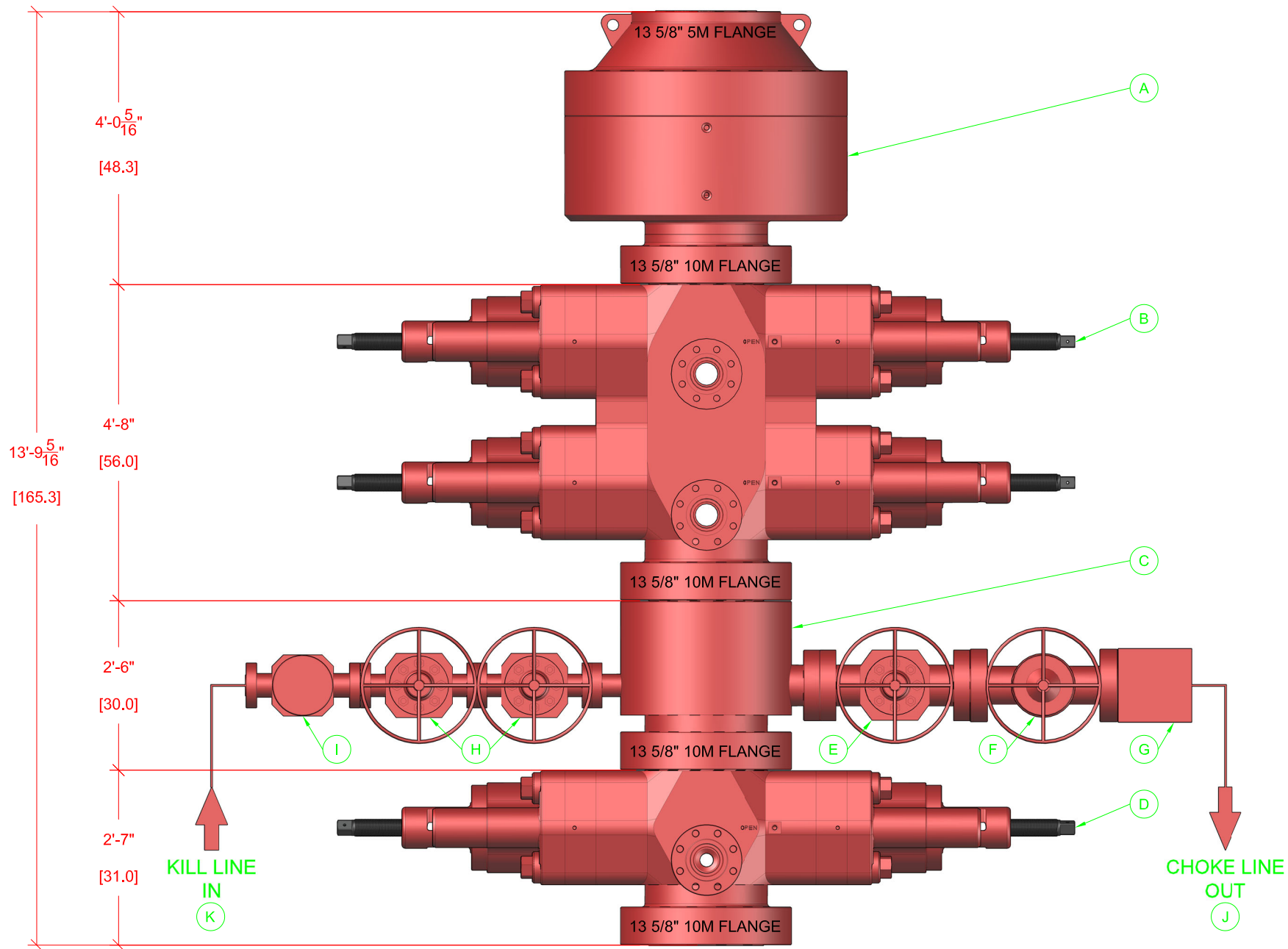
1. After running the first string of casing, a 10M BOP/BOPE system with 5M annular will be installed. BOPs will be tested according to Onshore Order #2. BOPE will be tested to full rated pressure (10K for all BOPE except the annular, which is tested to 5K). For the low test, the system will be tested 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

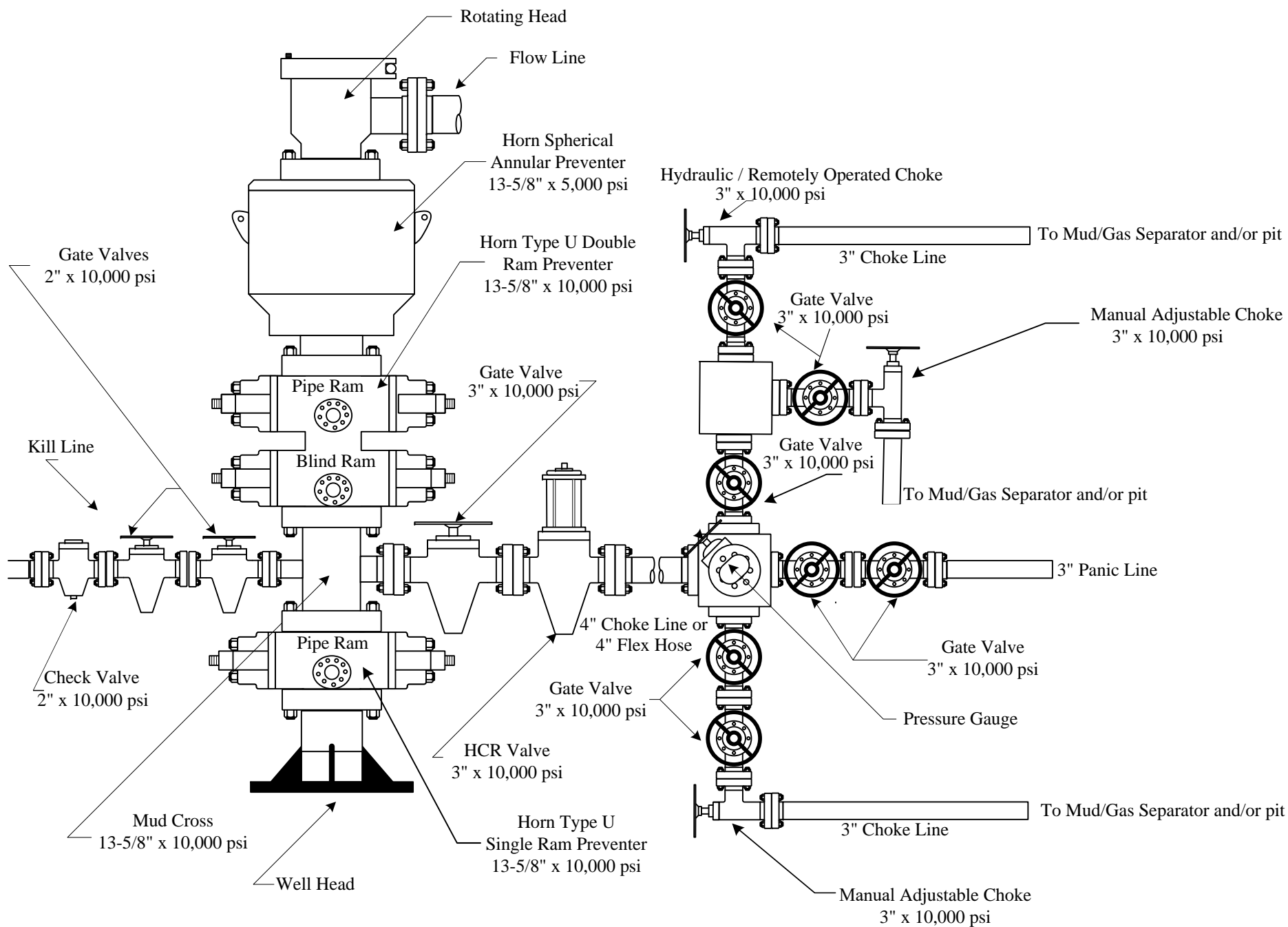
1. In the event wellbore pressure encroaches to the maximum rated pressure of the annular, primary pressure control will be switched to the

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	CHOKER 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

LTYQ/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

LTTY/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

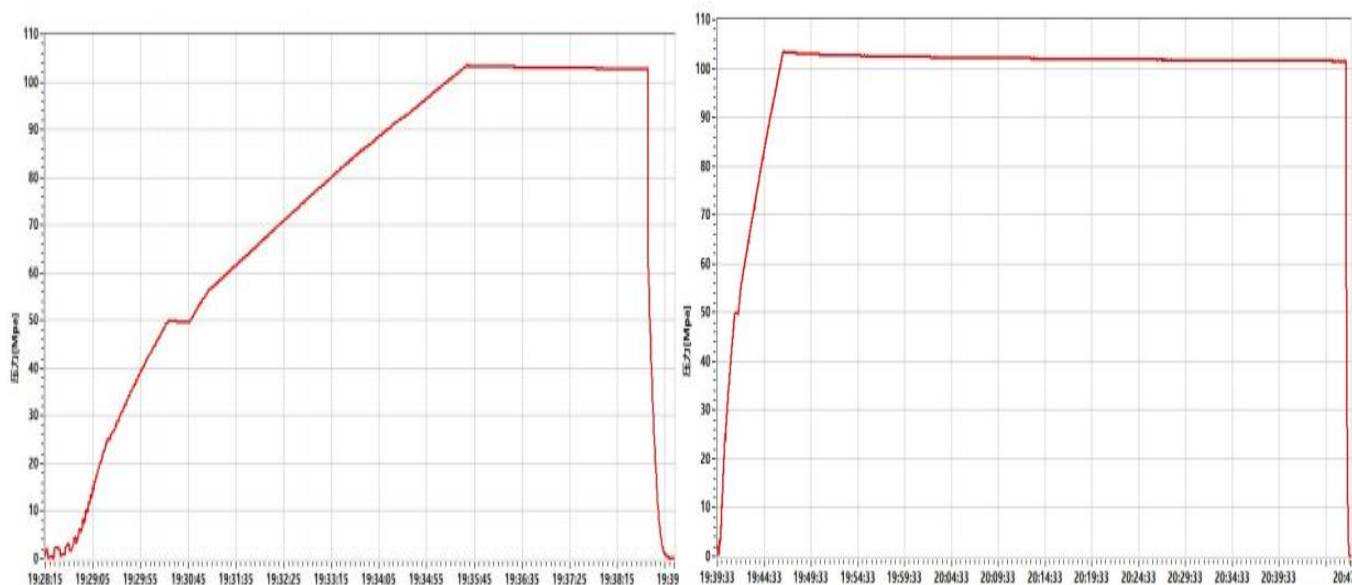
Rate of length change

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

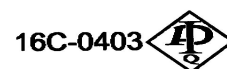
customer number: PO890145-001

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

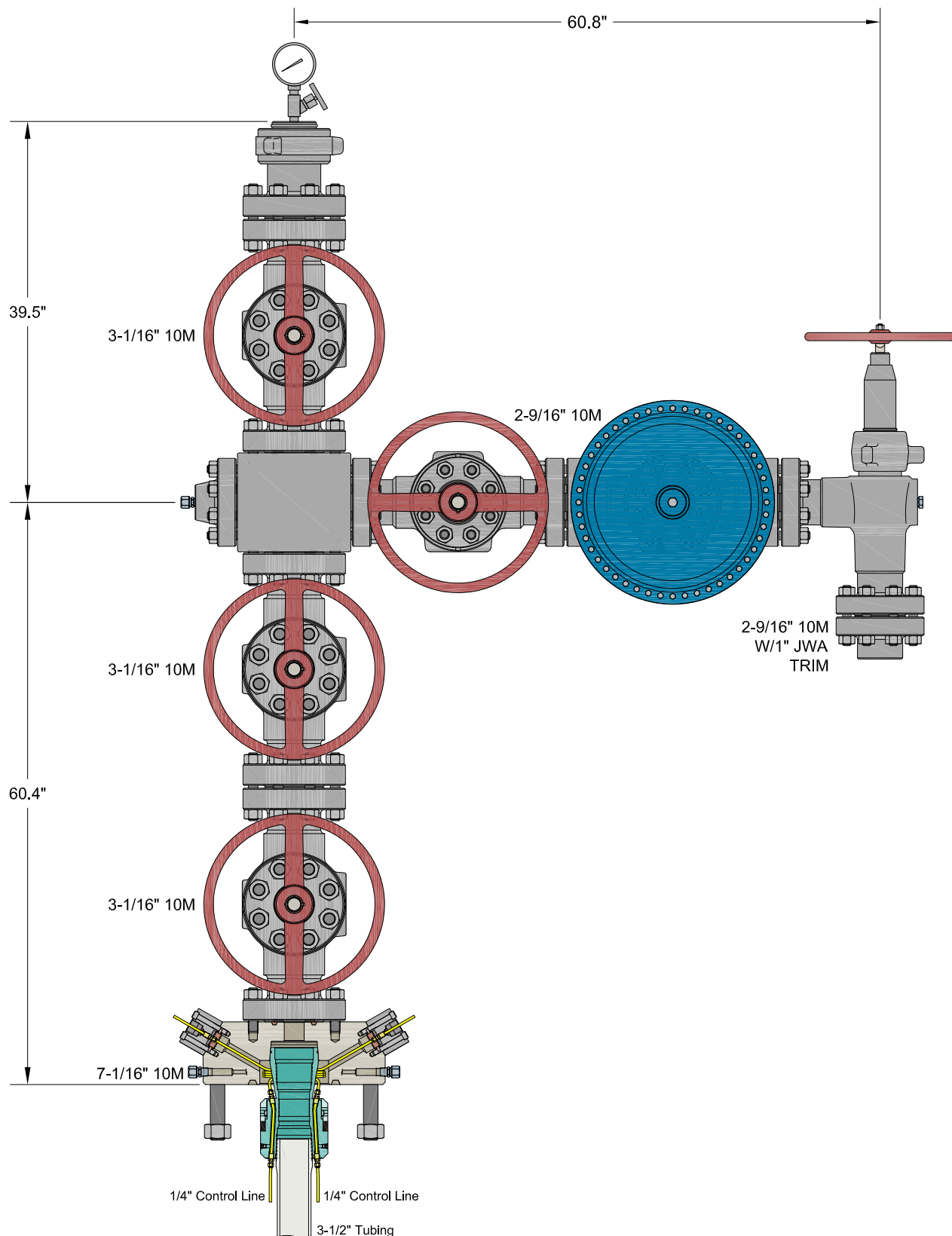
The Choke And Kill Hose assembly was produced by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD.in Sep,2024, and inspected by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD. according to API Spec 16C 3rd edition on Sep 3, 2024. The overall condition is good. This is to certify that the Choke And Kill Hose complies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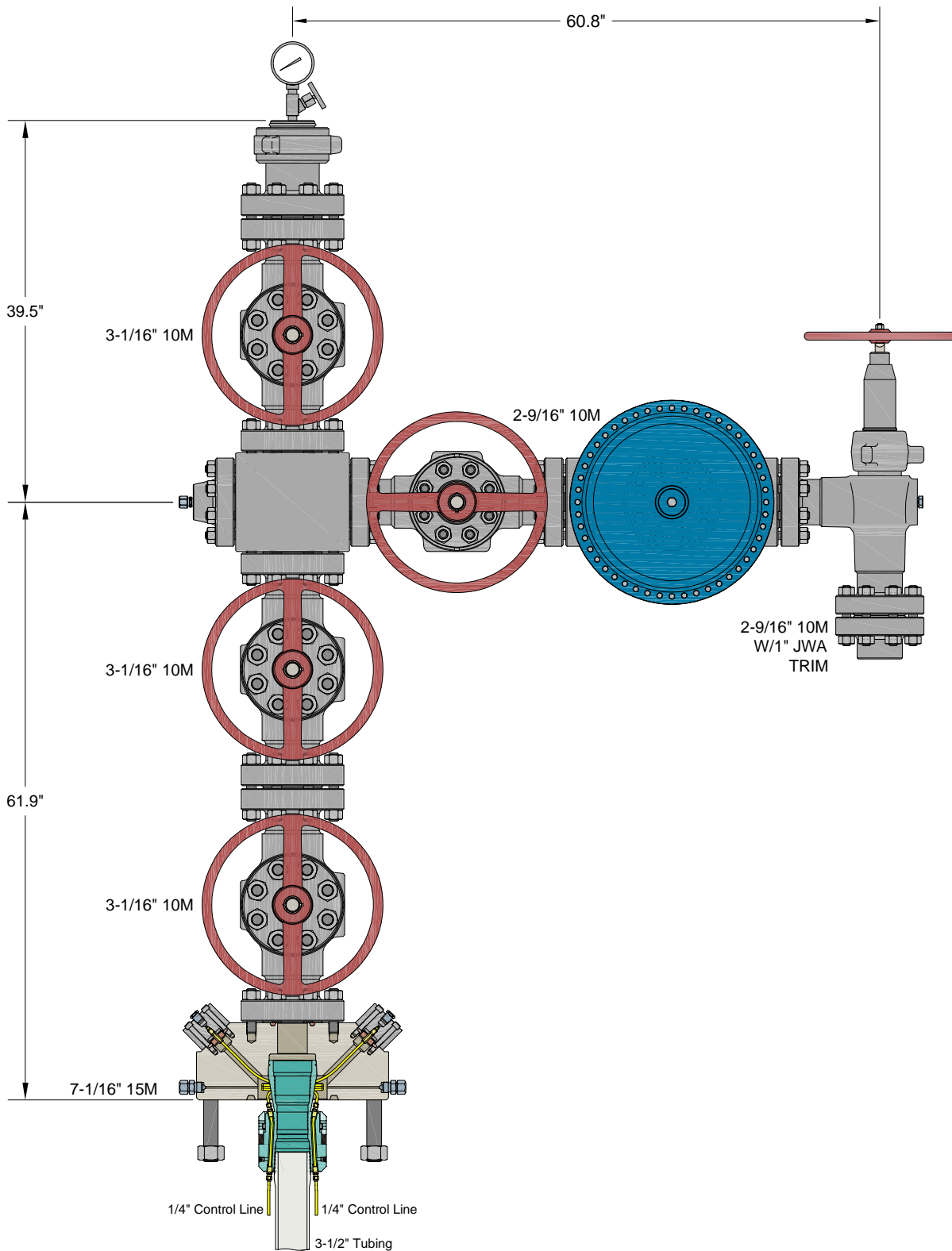
ALL DIMENSIONS APPROXIMATE

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
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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.



Cactus

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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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		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.

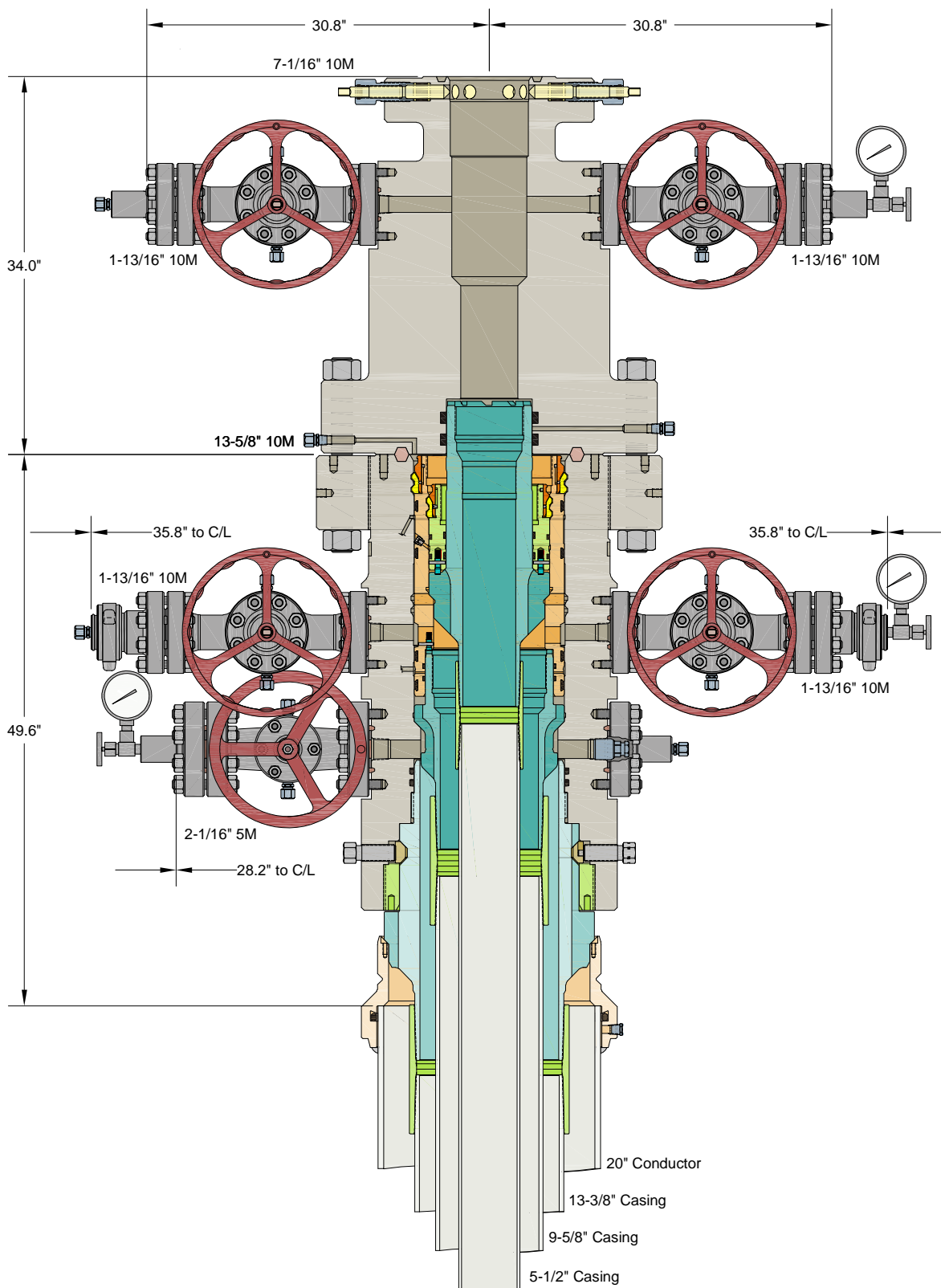
20. **CHOICE OF LAW.** THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND SHALL BE PERFORMABLE IN HARRIS COUNTY, TEXAS. WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPALS AND WAIVER OF SAME, EACH PARTY HERETO SUBMITS TO THE JURISDICTION OF THE COURTS OF 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.

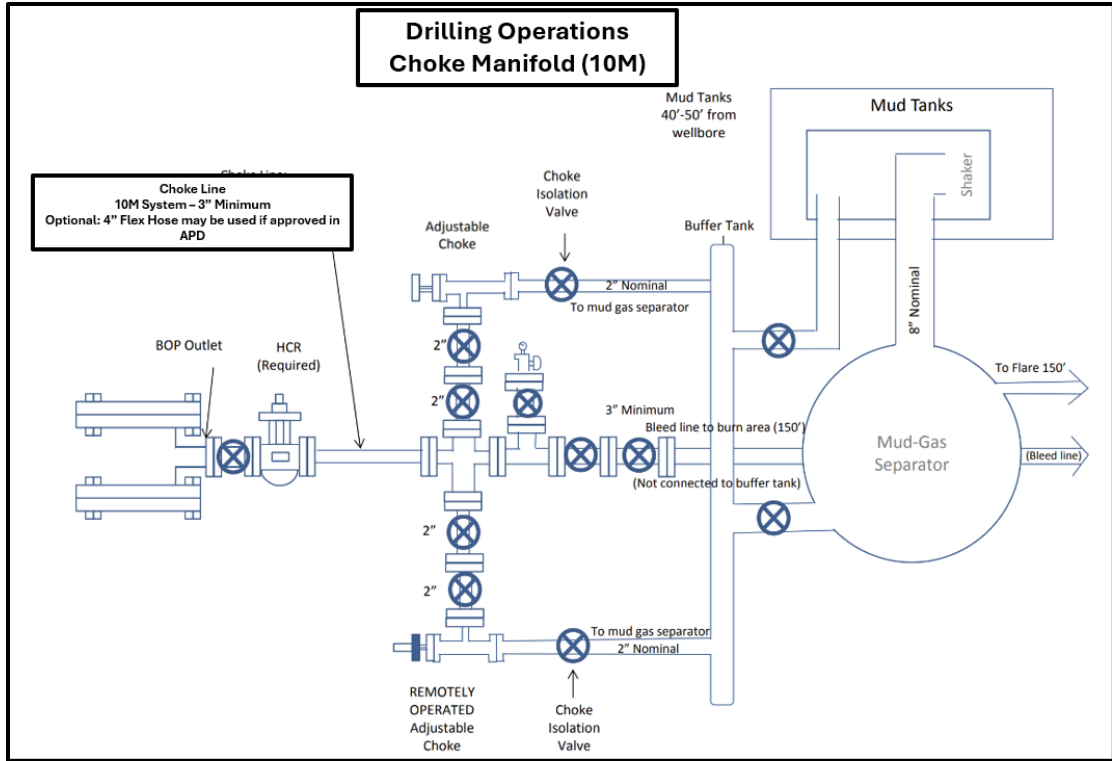


Figure 1: 10M Drilling Choke Manifold

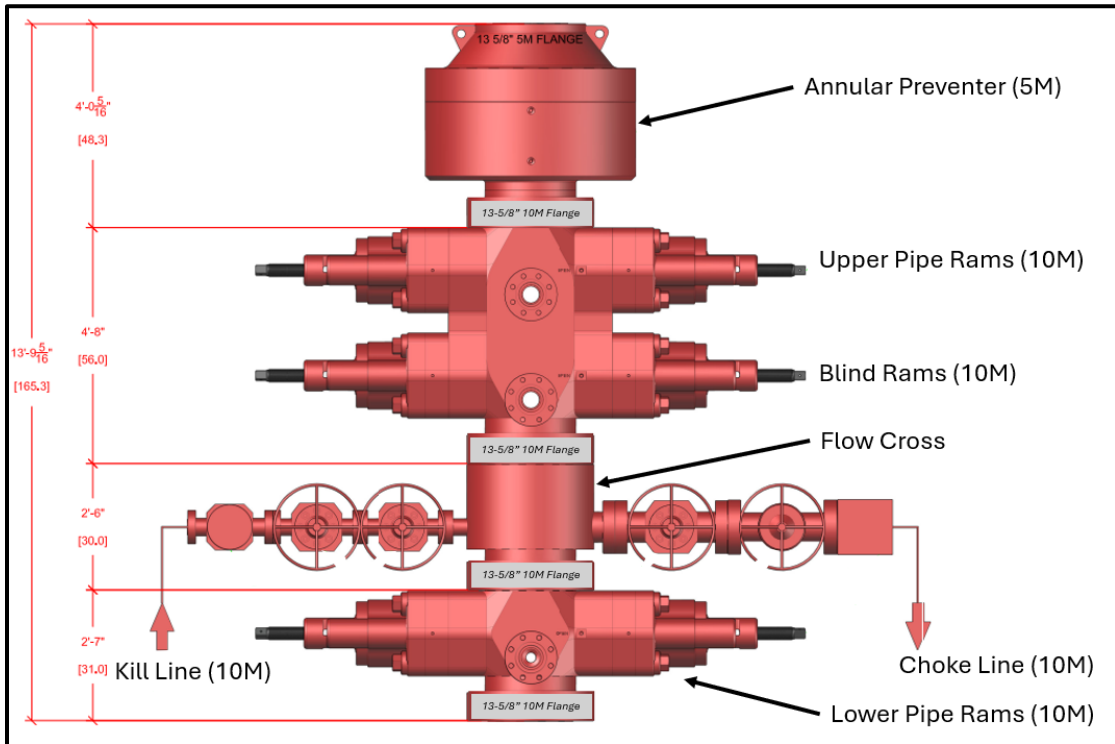


Figure 2: Drilling BOP Configuration

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 224H
 Wellbore: OH
 Design: Plan #1
 Rig: Cactus 148



SHL

320' FNI, 1266' FEL
 RKB Elevation: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	607576.15	821334.18	32.6669737	-103.4234513	

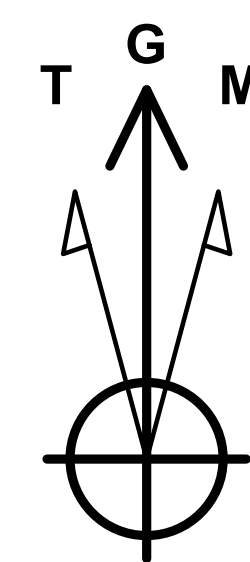
SECTION DETAILS

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	
2150.00	0.00	0.00	2150.00	0.00	0.00	0.00	0.00	0.00	Nudge, Build 2.00°/100'
2525.10	7.50	62.47	2524.03	11.33	21.75	2.00	62.47	11.33	Hold - 2525.10' MD/2524.03' TVD
9095.58	7.50	62.47	9038.26	407.84	782.46	0.00	0.00	407.84	Start DLS 4.00 TFO -121.27
9290.99	7.50	359.52	9232.31	426.52	793.68	4.00	-121.27	426.52	KOP - Start 10.00°/100' DLS
9965.99	75.00	359.52	9710.96	846.27	790.14	10.00	0.00	846.27	75° Inc - 9965.99' MD/9710.96' TVD
10265.99	90.00	359.52	9750.00	1142.84	787.63	5.00	0.00	1142.84	LP - 10265.99' MD
30418.57	90.00	359.52	9750.00	21294.70	617.13	0.00	0.00	21294.70	TD - 30418.57' MD

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
KOP/LP/FTP (YSC 224H)	9750.00	426.52	793.68	608002.67	822127.86	32.6681272	-103.4208605
LTP/PBHL - 100' FNL, 466' FEL (YSC 224H)	9750.00	21294.70	617.13	628870.85	821951.31	32.7254845	-103.4208508

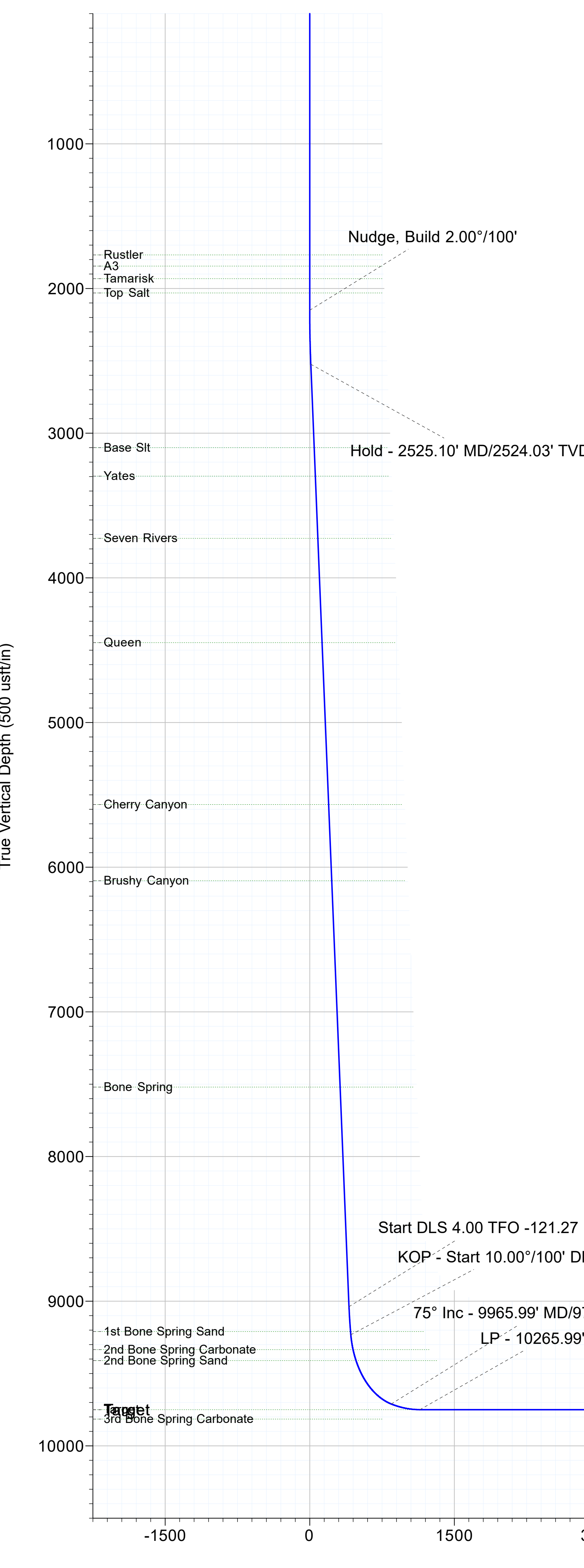
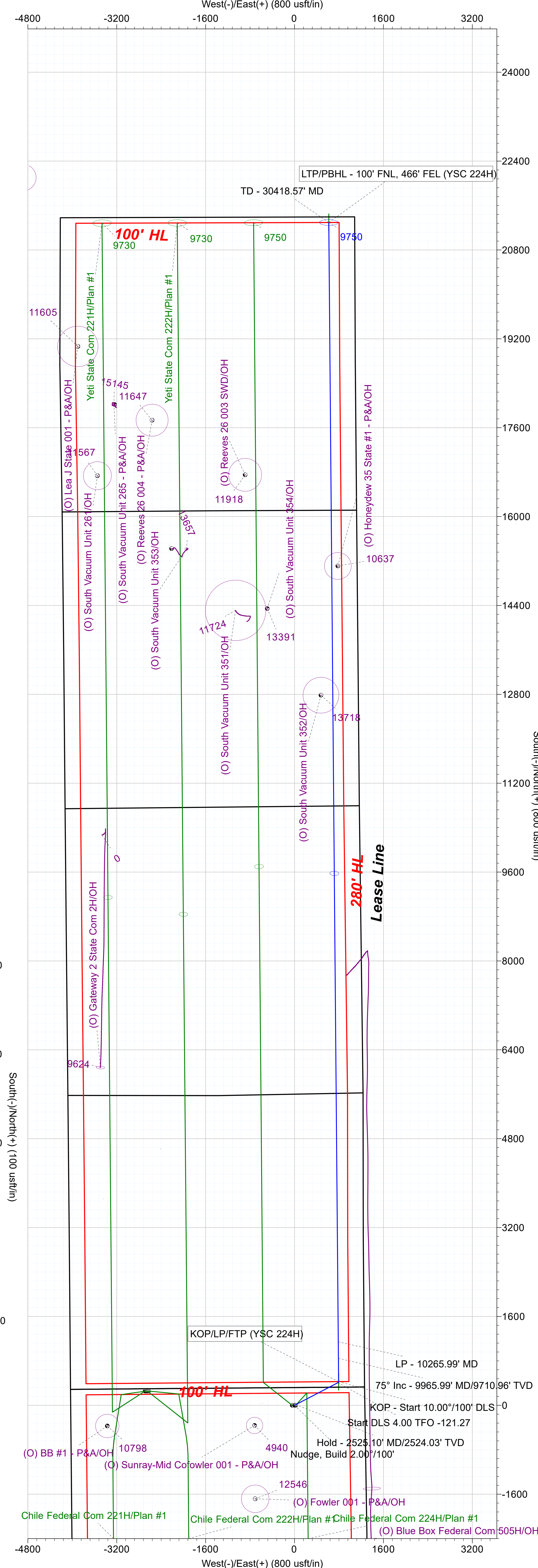
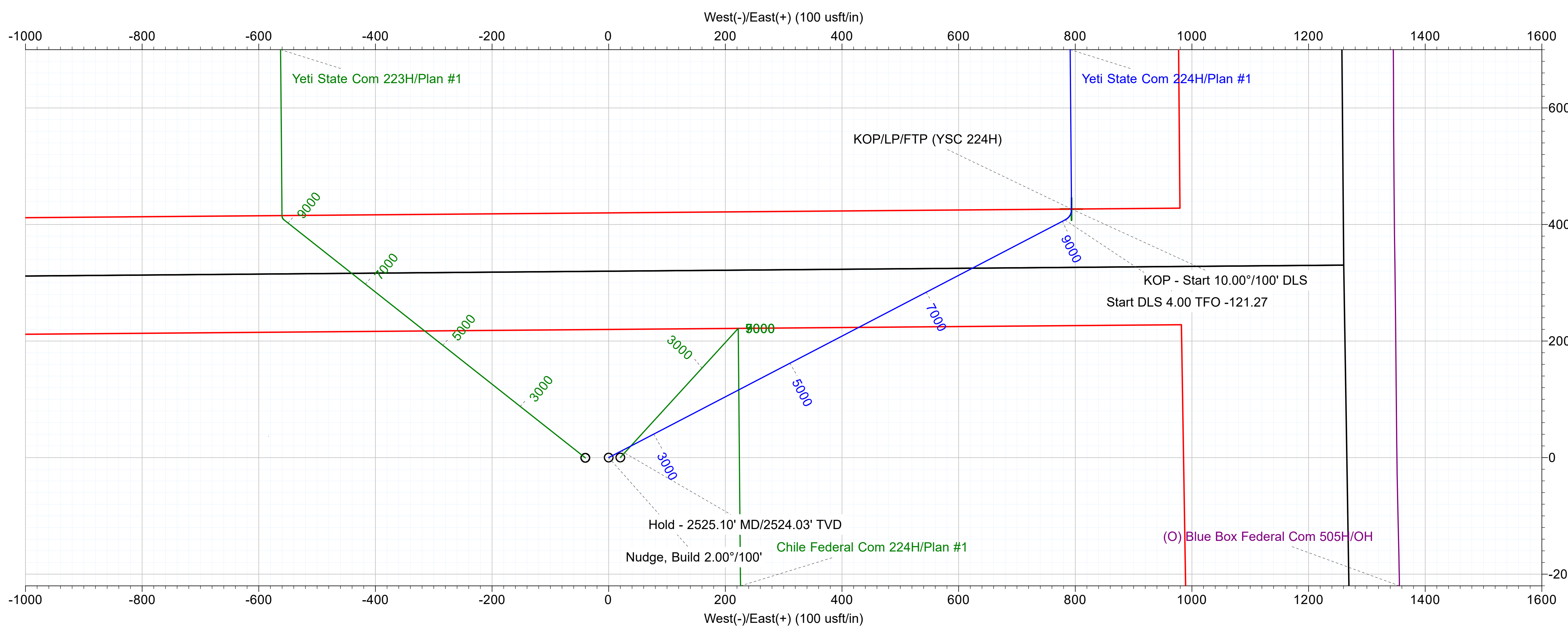
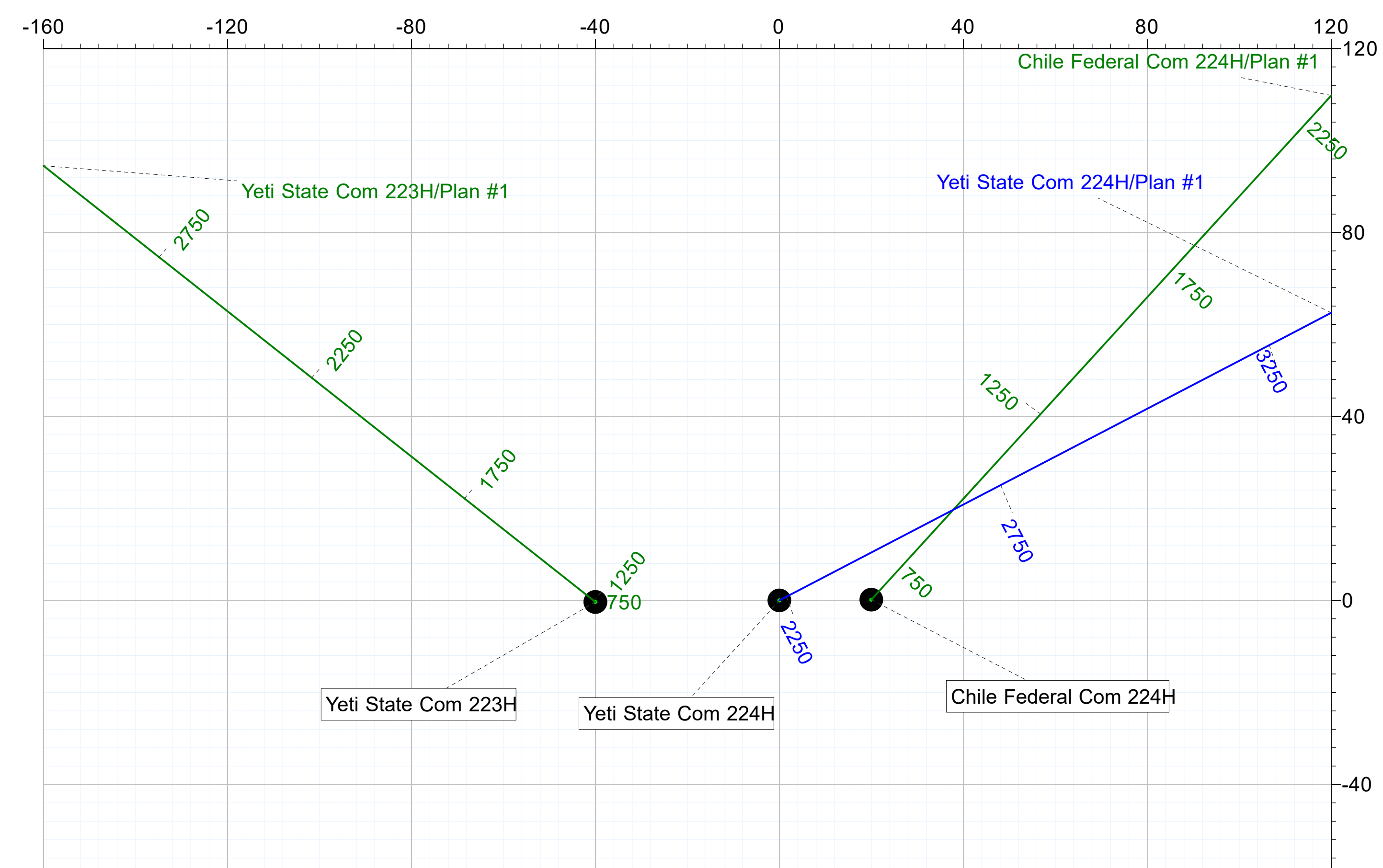
TVDPATH	FORMATION
1768.00	Rustler
1845.00	A3
1932.00	Tamarisk
2031.00	Top Salt
3100.00	Base Sit
3297.00	Yates
3727.00	Seven Rivers
4448.00	Queen
5567.00	Cherry Canyon
6094.00	Brushy Canyon
7520.00	Bone Spring
9210.00	1st Bone Spring Sand
9335.00	2nd Bone Spring Carbonate
9411.00	2nd Bone Spring Sand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



Azimuths to Grid North
 True North: -0.49°
 Magnetic North: 5.51°
 Magnetic Field
 Strength: 47275.2nT
 Dip Angle: 60.38°
 Date: 3/4/2026
 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



Vertical Section at 0.00° (750 usft/in)

Coterra Energy

Lea County, NM (NAD 83)

Yeti-Chile pad

Yeti State Com 224H

320' FNI, 1266' 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 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #1	Database: .Total Directional Production DB

Project Lea County, NM (NAD 83)		
Map System: US State Plane 1983	System Datum: Mean Sea Level	
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 224H		
Well Position	+N/-S 0.00 usft	Northing: 607,576.15 usft
	+E/-W 0.00 usft	Easting: 821,334.18 usft
Position Uncertainty 0.00 usft	Wellhead Elevation: usft	Latitude: 32.6669737
Grid Convergence: 0.49 °		Longitude: -103.4234513
		Ground Level: 3,761.00 usft

Wellbore OH		
Magnetics	Model Name HDGM2026	Sample Date 3/4/2026
	Declination (°) 6.00	Dip Angle (°) 60.38
		Field Strength (nT) 47,275.20000000

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

Survey Tool Program	Date 3/5/2026	
From (usft) 0.00	To (usft) 30,418.57	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	
2,150.00	0.00	0.00	2,150.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,525.10	7.50	62.47	2,524.03	11.33	21.75	2.00	2.00	0.00	62.47	
9,095.58	7.50	62.47	9,038.27	407.84	782.46	0.00	0.00	0.00	0.00	
9,290.99	7.50	359.52	9,232.31	426.52	793.68	4.00	0.00	-32.21	-121.27	
9,965.99	75.00	359.52	9,710.96	846.27	790.14	10.00	10.00	0.00	0.00	
10,265.99	90.00	359.52	9,750.01	1,142.84	787.63	5.00	5.00	0.00	0.00	
30,418.57	90.00	359.52	9,750.00	21,294.70	617.13	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 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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				
0.00	0.00	0.00	0.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,768.00	0.00	0.00	1,768.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
Rustler													
1,800.00	0.00	0.00	1,800.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,845.00	0.00	0.00	1,845.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
A3													
1,900.00	0.00	0.00	1,900.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
1,932.00	0.00	0.00	1,932.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
Tamarisk													
2,000.00	0.00	0.00	2,000.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
2,031.00	0.00	0.00	2,031.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
Top Salt													
2,100.00	0.00	0.00	2,100.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
2,150.00	0.00	0.00	2,150.00	0.00	0.00	607,576.15	821,334.18	32.6669737	-103.4234513	0.00	0.00	0.00	0.00
Nudge, Build 2.00°/100'													
2,200.00	1.00	62.47	2,200.00	0.20	0.39	607,576.35	821,334.57	32.6669743	-103.4234500	0.20	2.00	2.00	0.00
2,300.00	3.00	62.47	2,299.93	1.81	3.48	607,577.96	821,337.66	32.6669786	-103.4234399	1.81	2.00	2.00	0.00
2,400.00	5.00	62.47	2,399.68	5.04	9.67	607,581.19	821,343.85	32.6669873	-103.4234197	5.04	2.00	2.00	0.00
2,500.00	7.00	62.47	2,499.13	9.87	18.94	607,586.02	821,353.12	32.6670004	-103.4233895	9.87	2.00	2.00	0.00
2,525.10	7.50	62.47	2,524.03	11.33	21.75	607,587.48	821,355.93	32.6670044	-103.4233803	11.33	2.00	2.00	0.00
Hold - 2525.10' MD/2524.03' TVD													

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
2,600.00	7.50	62.47	2,598.29	15.85	30.42	607,592.00	821,364.60	32.6670166	-103.4233520	15.85	0.00	0.00	0.00
2,700.00	7.50	62.47	2,697.43	21.89	41.99	607,598.04	821,376.17	32.6670329	-103.4233142	21.89	0.00	0.00	0.00
2,800.00	7.50	62.47	2,796.58	27.92	53.57	607,604.07	821,387.75	32.6670492	-103.4232764	27.92	0.00	0.00	0.00
2,900.00	7.50	62.47	2,895.72	33.96	65.15	607,610.11	821,399.33	32.6670655	-103.4232386	33.96	0.00	0.00	0.00
3,000.00	7.50	62.47	2,994.86	39.99	76.73	607,616.14	821,410.91	32.6670818	-103.4232009	39.99	0.00	0.00	0.00
3,100.00	7.50	62.47	3,094.01	46.03	88.31	607,622.18	821,422.49	32.6670981	-103.4231631	46.03	0.00	0.00	0.00
3,106.04	7.50	62.47	3,100.00	46.39	89.01	607,622.54	821,423.19	32.6670991	-103.4231608	46.39	0.00	0.00	0.00
Base Sit													
3,200.00	7.50	62.47	3,193.15	52.06	99.88	607,628.21	821,434.06	32.6671145	-103.4231253	52.06	0.00	0.00	0.00
3,300.00	7.50	62.47	3,292.30	58.10	111.46	607,634.25	821,445.64	32.6671308	-103.4230875	58.10	0.00	0.00	0.00
3,304.74	7.50	62.47	3,297.00	58.38	112.01	607,634.53	821,446.19	32.6671315	-103.4230857	58.38	0.00	0.00	0.00
Yates													
3,400.00	7.50	62.47	3,391.44	64.13	123.04	607,640.28	821,457.22	32.6671471	-103.4230497	64.13	0.00	0.00	0.00
3,500.00	7.50	62.47	3,490.58	70.17	134.62	607,646.32	821,468.80	32.6671634	-103.4230119	70.17	0.00	0.00	0.00
3,600.00	7.50	62.47	3,589.73	76.20	146.19	607,652.35	821,480.37	32.6671797	-103.4229741	76.20	0.00	0.00	0.00
3,700.00	7.50	62.47	3,688.87	82.24	157.77	607,658.39	821,491.95	32.6671960	-103.4229364	82.24	0.00	0.00	0.00
3,738.46	7.50	62.47	3,727.00	84.56	162.22	607,660.71	821,496.40	32.6672023	-103.4229218	84.56	0.00	0.00	0.00
Seven Rivers													
3,800.00	7.50	62.47	3,788.02	88.27	169.35	607,664.42	821,503.53	32.6672123	-103.4228986	88.27	0.00	0.00	0.00
3,900.00	7.50	62.47	3,887.16	94.31	180.93	607,670.46	821,515.11	32.6672286	-103.4228608	94.31	0.00	0.00	0.00
4,000.00	7.50	62.47	3,986.30	100.34	192.51	607,676.49	821,526.69	32.6672450	-103.4228230	100.34	0.00	0.00	0.00
4,100.00	7.50	62.47	4,085.45	106.37	204.08	607,682.52	821,538.26	32.6672613	-103.4227852	106.37	0.00	0.00	0.00
4,200.00	7.50	62.47	4,184.59	112.41	215.66	607,688.56	821,549.84	32.6672776	-103.4227474	112.41	0.00	0.00	0.00
4,300.00	7.50	62.47	4,283.74	118.44	227.24	607,694.59	821,561.42	32.6672939	-103.4227096	118.44	0.00	0.00	0.00
4,400.00	7.50	62.47	4,382.88	124.48	238.82	607,700.63	821,573.00	32.6673102	-103.4226718	124.48	0.00	0.00	0.00
4,465.68	7.50	62.47	4,448.00	128.44	246.42	607,704.59	821,580.60	32.6673209	-103.4226470	128.44	0.00	0.00	0.00
Queen													
4,500.00	7.50	62.47	4,482.02	130.51	250.39	607,706.66	821,584.57	32.6673265	-103.4226341	130.51	0.00	0.00	0.00
4,600.00	7.50	62.47	4,581.17	136.55	261.97	607,712.70	821,596.15	32.6673428	-103.4225963	136.55	0.00	0.00	0.00
4,700.00	7.50	62.47	4,680.31	142.58	273.55	607,718.73	821,607.73	32.6673591	-103.4225585	142.58	0.00	0.00	0.00
4,800.00	7.50	62.47	4,779.46	148.62	285.13	607,724.77	821,619.31	32.6673755	-103.4225207	148.62	0.00	0.00	0.00
4,900.00	7.50	62.47	4,878.60	154.65	296.70	607,730.80	821,630.88	32.6673918	-103.4224829	154.65	0.00	0.00	0.00
5,000.00	7.50	62.47	4,977.74	160.69	308.28	607,736.84	821,642.46	32.6674081	-103.4224451	160.69	0.00	0.00	0.00
5,100.00	7.50	62.47	5,076.89	166.72	319.86	607,742.87	821,654.04	32.6674244	-103.4224073	166.72	0.00	0.00	0.00
5,200.00	7.50	62.47	5,176.03	172.76	331.44	607,748.91	821,665.62	32.6674407	-103.4223695	172.76	0.00	0.00	0.00
5,300.00	7.50	62.47	5,275.18	178.79	343.02	607,754.94	821,677.20	32.6674570	-103.4223318	178.79	0.00	0.00	0.00
5,400.00	7.50	62.47	5,374.32	184.83	354.59	607,760.98	821,688.77	32.6674733	-103.4222940	184.83	0.00	0.00	0.00
5,500.00	7.50	62.47	5,473.47	190.86	366.17	607,767.01	821,700.35	32.6674896	-103.4222562	190.86	0.00	0.00	0.00

Total Directional Planned Survey Report



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Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
5,594.34	7.50	62.47	5,567.00	196.55	377.09	607,772.70	821,711.27	32.6675050	-103.4222205	196.55	0.00	0.00	0.00
Cherry Canyon													
5,600.00	7.50	62.47	5,572.61	196.89	377.75	607,773.04	821,711.93	32.6675060	-103.4222184	196.89	0.00	0.00	0.00
5,700.00	7.50	62.47	5,671.75	202.93	389.33	607,779.08	821,723.51	32.6675223	-103.4221806	202.93	0.00	0.00	0.00
5,800.00	7.50	62.47	5,770.90	208.96	400.90	607,785.11	821,735.08	32.6675386	-103.4221428	208.96	0.00	0.00	0.00
5,900.00	7.50	62.47	5,870.04	215.00	412.48	607,791.15	821,746.66	32.6675549	-103.4221050	215.00	0.00	0.00	0.00
6,000.00	7.50	62.47	5,969.19	221.03	424.06	607,797.18	821,758.24	32.6675712	-103.4220672	221.03	0.00	0.00	0.00
6,100.00	7.50	62.47	6,068.33	227.07	435.64	607,803.22	821,769.82	32.6675875	-103.4220295	227.07	0.00	0.00	0.00
6,125.89	7.50	62.47	6,094.00	228.63	438.64	607,804.78	821,772.82	32.6675917	-103.4220197	228.63	0.00	0.00	0.00
Brushy Canyon													
6,200.00	7.50	62.47	6,167.47	233.10	447.22	607,809.25	821,781.40	32.6676038	-103.4219917	233.10	0.00	0.00	0.00
6,300.00	7.50	62.47	6,266.62	239.14	458.79	607,815.29	821,792.97	32.6676201	-103.4219539	239.14	0.00	0.00	0.00
6,400.00	7.50	62.47	6,365.76	245.17	470.37	607,821.32	821,804.55	32.6676365	-103.4219161	245.17	0.00	0.00	0.00
6,500.00	7.50	62.47	6,464.91	251.21	481.95	607,827.36	821,816.13	32.6676528	-103.4218783	251.21	0.00	0.00	0.00
6,600.00	7.50	62.47	6,564.05	257.24	493.53	607,833.39	821,827.71	32.6676691	-103.4218405	257.24	0.00	0.00	0.00
6,700.00	7.50	62.47	6,663.19	263.28	505.10	607,839.43	821,839.28	32.6676854	-103.4218027	263.28	0.00	0.00	0.00
6,800.00	7.50	62.47	6,762.34	269.31	516.68	607,845.46	821,850.86	32.6677017	-103.4217649	269.31	0.00	0.00	0.00
6,900.00	7.50	62.47	6,861.48	275.35	528.26	607,851.50	821,862.44	32.6677180	-103.4217271	275.35	0.00	0.00	0.00
7,000.00	7.50	62.47	6,960.63	281.38	539.84	607,857.53	821,874.02	32.6677343	-103.4216894	281.38	0.00	0.00	0.00
7,100.00	7.50	62.47	7,059.77	287.41	551.41	607,863.56	821,885.59	32.6677506	-103.4216516	287.41	0.00	0.00	0.00
7,200.00	7.50	62.47	7,158.91	293.45	562.99	607,869.60	821,897.17	32.6677670	-103.4216138	293.45	0.00	0.00	0.00
7,300.00	7.50	62.47	7,258.06	299.48	574.57	607,875.63	821,908.75	32.6677833	-103.4215760	299.48	0.00	0.00	0.00
7,400.00	7.50	62.47	7,357.20	305.52	586.15	607,881.67	821,920.33	32.6677996	-103.4215382	305.52	0.00	0.00	0.00
7,500.00	7.50	62.47	7,456.35	311.55	597.73	607,887.70	821,931.91	32.6678159	-103.4215004	311.55	0.00	0.00	0.00
7,564.20	7.50	62.47	7,520.00	315.43	605.16	607,891.58	821,939.34	32.6678264	-103.4214762	315.43	0.00	0.00	0.00
Bone Spring													
7,600.00	7.50	62.47	7,555.49	317.59	609.30	607,893.74	821,943.48	32.6678322	-103.4214626	317.59	0.00	0.00	0.00
7,700.00	7.50	62.47	7,654.63	323.62	620.88	607,899.77	821,955.06	32.6678485	-103.4214248	323.62	0.00	0.00	0.00
7,800.00	7.50	62.47	7,753.78	329.66	632.46	607,905.81	821,966.64	32.6678648	-103.4213871	329.66	0.00	0.00	0.00
7,900.00	7.50	62.47	7,852.92	335.69	644.04	607,911.84	821,978.22	32.6678811	-103.4213493	335.69	0.00	0.00	0.00
8,000.00	7.50	62.47	7,952.07	341.73	655.61	607,917.88	821,989.79	32.6678975	-103.4213115	341.73	0.00	0.00	0.00
8,100.00	7.50	62.47	8,051.21	347.76	667.19	607,923.91	822,001.37	32.6679138	-103.4212737	347.76	0.00	0.00	0.00
8,200.00	7.50	62.47	8,150.35	353.80	678.77	607,929.95	822,012.95	32.6679301	-103.4212359	353.80	0.00	0.00	0.00
8,300.00	7.50	62.47	8,249.50	359.83	690.35	607,935.98	822,024.53	32.6679464	-103.4211981	359.83	0.00	0.00	0.00
8,400.00	7.50	62.47	8,348.64	365.87	701.93	607,942.02	822,036.11	32.6679627	-103.4211603	365.87	0.00	0.00	0.00
8,500.00	7.50	62.47	8,447.79	371.90	713.50	607,948.05	822,047.68	32.6679790	-103.4211225	371.90	0.00	0.00	0.00
8,600.00	7.50	62.47	8,546.93	377.94	725.08	607,954.09	822,059.26	32.6679953	-103.4210848	377.94	0.00	0.00	0.00
8,700.00	7.50	62.47	8,646.07	383.97	736.66	607,960.12	822,070.84	32.6680116	-103.4210470	383.97	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
8,800.00	7.50	62.47	8,745.22	390.00	748.24	607,966.15	822,082.42	32.6680279	-103.4210092	390.00	0.00	0.00	0.00
8,900.00	7.50	62.47	8,844.36	396.04	759.81	607,972.19	822,093.99	32.6680443	-103.4209714	396.04	0.00	0.00	0.00
9,000.00	7.50	62.47	8,943.51	402.07	771.39	607,978.22	822,105.57	32.6680606	-103.4209336	402.07	0.00	0.00	0.00
9,095.58	7.50	62.47	9,038.27	407.84	782.46	607,983.99	822,116.64	32.6680762	-103.4208975	407.84	0.00	0.00	0.00
Start DLS 4.00 TFO -121.27													
9,100.00	7.41	61.30	9,042.65	408.11	782.96	607,984.26	822,117.14	32.6680769	-103.4208958	408.11	4.00	-2.04	-26.51
9,200.00	6.41	28.59	9,141.96	416.12	791.30	607,992.27	822,125.48	32.6680987	-103.4208685	416.12	4.00	-1.00	-32.70
9,268.50	7.08	5.78	9,210.00	423.67	793.55	607,999.82	822,127.73	32.6681194	-103.4208610	423.67	4.00	0.97	-33.31
1st Bone Spring Sand													
9,290.99	7.50	359.52	9,232.31	426.52	793.68	608,002.67	822,127.86	32.6681272	-103.4208605	426.52	4.00	1.89	-27.82
KOP - Start 10.00°/100' DLS													
9,300.00	8.40	359.52	9,241.23	427.77	793.67	608,003.92	822,127.85	32.6681307	-103.4208605	427.77	10.00	10.00	-0.01
9,350.00	13.40	359.52	9,290.31	437.22	793.59	608,013.37	822,127.77	32.6681566	-103.4208605	437.22	10.00	10.00	0.00
9,396.44	18.04	359.52	9,335.00	449.80	793.48	608,025.95	822,127.66	32.6681912	-103.4208605	449.80	10.00	10.00	0.00
2nd Bone Spring Carbonate													
9,400.00	18.40	359.52	9,338.38	450.91	793.47	608,027.06	822,127.65	32.6681943	-103.4208605	450.91	10.00	10.00	0.00
9,450.00	23.40	359.52	9,385.08	468.74	793.32	608,044.89	822,127.50	32.6682433	-103.4208605	468.74	10.00	10.00	0.00
9,478.56	26.26	359.52	9,411.00	480.74	793.22	608,056.89	822,127.40	32.6682762	-103.4208605	480.74	10.00	10.00	0.00
2nd Bone Spring Sand													
9,500.00	28.40	359.52	9,430.04	490.58	793.14	608,066.73	822,127.32	32.6683033	-103.4208605	490.58	10.00	10.00	0.00
9,550.00	33.40	359.52	9,472.93	516.24	792.92	608,092.39	822,127.10	32.6683738	-103.4208604	516.24	10.00	10.00	0.00
9,600.00	38.40	359.52	9,513.42	545.55	792.68	608,121.70	822,126.86	32.6684544	-103.4208604	545.55	10.00	10.00	0.00
9,650.00	43.40	359.52	9,551.20	578.28	792.40	608,154.43	822,126.58	32.6685443	-103.4208604	578.28	10.00	10.00	0.00
9,679.37	46.34	359.52	9,572.01	598.99	792.22	608,175.14	822,126.40	32.6686013	-103.4208604	598.99	10.00	10.00	0.00
KOP/LP/FTP (YSC 224H)													
9,700.00	48.40	359.52	9,585.99	614.17	792.10	608,190.32	822,126.28	32.6686430	-103.4208604	614.17	10.00	10.00	0.00
9,750.00	53.40	359.52	9,617.51	652.96	791.77	608,229.11	822,125.95	32.6687496	-103.4208604	652.96	10.00	10.00	0.00
9,800.00	58.40	359.52	9,645.53	694.35	791.42	608,270.50	822,125.60	32.6688634	-103.4208604	694.35	10.00	10.00	0.00
9,850.00	63.40	359.52	9,669.84	738.02	791.05	608,314.17	822,125.23	32.6689834	-103.4208603	738.02	10.00	10.00	0.00
9,900.00	68.40	359.52	9,690.25	783.65	790.66	608,359.80	822,124.84	32.6691088	-103.4208603	783.65	10.00	10.00	0.00
9,950.00	73.40	359.52	9,706.60	830.88	790.27	608,407.03	822,124.45	32.6692386	-103.4208603	830.88	10.00	10.00	0.00
9,965.99	75.00	359.52	9,710.96	846.27	790.14	608,422.42	822,124.32	32.6692809	-103.4208603	846.27	10.00	10.00	0.00
75° Inc - 9965.99' MD/9710.96' TVD													
10,000.00	76.70	359.52	9,719.27	879.24	789.86	608,455.39	822,124.04	32.6693716	-103.4208603	879.24	5.00	5.00	0.00
10,100.00	81.70	359.52	9,738.00	977.44	789.03	608,553.59	822,123.21	32.6696415	-103.4208602	977.44	5.00	5.00	0.00
10,200.00	86.70	359.52	9,748.11	1,076.89	788.18	608,653.04	822,122.36	32.6699148	-103.4208602	1,076.89	5.00	5.00	0.00
10,262.66	89.83	359.52	9,750.00	1,139.51	787.65	608,715.66	822,121.83	32.6700869	-103.4208602	1,139.51	5.00	5.00	0.00
Target													
10,265.99	90.00	359.52	9,750.01	1,142.84	787.63	608,718.99	822,121.81	32.6700961	-103.4208602	1,142.84	5.00	5.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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				
LP - 10265.99' MD													
10,300.00	90.00	359.52	9,750.01	1,176.85	787.34	608,753.00	822,121.52	32.6701896	-103.4208601	1,176.85	0.00	0.00	0.00
10,400.00	90.00	359.52	9,750.01	1,276.84	786.49	608,852.99	822,120.67	32.6704644	-103.4208601	1,276.84	0.00	0.00	0.00
10,500.00	90.00	359.52	9,750.01	1,376.84	785.65	608,952.99	822,119.83	32.6707392	-103.4208601	1,376.84	0.00	0.00	0.00
10,600.00	90.00	359.52	9,750.00	1,476.84	784.80	609,052.99	822,118.98	32.6710141	-103.4208600	1,476.84	0.00	0.00	0.00
10,700.00	90.00	359.52	9,750.00	1,576.83	783.95	609,152.98	822,118.13	32.6712889	-103.4208600	1,576.83	0.00	0.00	0.00
10,800.00	90.00	359.52	9,750.00	1,676.83	783.11	609,252.98	822,117.29	32.6715638	-103.4208599	1,676.83	0.00	0.00	0.00
10,900.00	90.00	359.52	9,750.00	1,776.83	782.26	609,352.98	822,116.44	32.6718386	-103.4208599	1,776.83	0.00	0.00	0.00
11,000.00	90.00	359.52	9,750.00	1,876.82	781.42	609,452.97	822,115.60	32.6721135	-103.4208598	1,876.82	0.00	0.00	0.00
11,100.00	90.00	359.52	9,750.00	1,976.82	780.57	609,552.97	822,114.75	32.6723883	-103.4208598	1,976.82	0.00	0.00	0.00
11,200.00	90.00	359.52	9,750.00	2,076.82	779.72	609,652.97	822,113.90	32.6726632	-103.4208597	2,076.82	0.00	0.00	0.00
11,300.00	90.00	359.52	9,750.00	2,176.81	778.88	609,752.96	822,113.06	32.6729380	-103.4208597	2,176.81	0.00	0.00	0.00
11,400.00	90.00	359.52	9,750.00	2,276.81	778.03	609,852.96	822,112.21	32.6732129	-103.4208596	2,276.81	0.00	0.00	0.00
11,500.00	90.00	359.52	9,750.00	2,376.81	777.19	609,952.96	822,111.37	32.6734877	-103.4208596	2,376.81	0.00	0.00	0.00
11,600.00	90.00	359.52	9,750.00	2,476.80	776.34	610,052.95	822,110.52	32.6737626	-103.4208596	2,476.80	0.00	0.00	0.00
11,700.00	90.00	359.52	9,750.00	2,576.80	775.49	610,152.95	822,109.67	32.6740374	-103.4208595	2,576.80	0.00	0.00	0.00
11,800.00	90.00	359.52	9,750.00	2,676.79	774.65	610,252.94	822,108.83	32.6743123	-103.4208595	2,676.79	0.00	0.00	0.00
11,900.00	90.00	359.52	9,750.00	2,776.79	773.80	610,352.94	822,107.98	32.6745871	-103.4208594	2,776.79	0.00	0.00	0.00
12,000.00	90.00	359.52	9,750.00	2,876.79	772.96	610,452.94	822,107.14	32.6748619	-103.4208594	2,876.79	0.00	0.00	0.00
12,100.00	90.00	359.52	9,750.00	2,976.78	772.11	610,552.93	822,106.29	32.6751368	-103.4208593	2,976.78	0.00	0.00	0.00
12,200.00	90.00	359.52	9,750.00	3,076.78	771.26	610,652.93	822,105.44	32.6754116	-103.4208593	3,076.78	0.00	0.00	0.00
12,300.00	90.00	359.52	9,750.00	3,176.78	770.42	610,752.93	822,104.60	32.6756865	-103.4208592	3,176.78	0.00	0.00	0.00
12,400.00	90.00	359.52	9,750.00	3,276.77	769.57	610,852.92	822,103.75	32.6759613	-103.4208592	3,276.77	0.00	0.00	0.00
12,500.00	90.00	359.52	9,750.00	3,376.77	768.73	610,952.92	822,102.91	32.6762362	-103.4208592	3,376.77	0.00	0.00	0.00
12,600.00	90.00	359.52	9,750.00	3,476.77	767.88	611,052.92	822,102.06	32.6765110	-103.4208591	3,476.77	0.00	0.00	0.00
12,700.00	90.00	359.52	9,750.00	3,576.76	767.03	611,152.91	822,101.21	32.6767859	-103.4208591	3,576.76	0.00	0.00	0.00
12,800.00	90.00	359.52	9,750.00	3,676.76	766.19	611,252.91	822,100.37	32.6770607	-103.4208590	3,676.76	0.00	0.00	0.00
12,900.00	90.00	359.52	9,750.00	3,776.76	765.34	611,352.91	822,099.52	32.6773356	-103.4208590	3,776.76	0.00	0.00	0.00
13,000.00	90.00	359.52	9,750.00	3,876.75	764.50	611,452.90	822,098.68	32.6776104	-103.4208589	3,876.75	0.00	0.00	0.00
13,100.00	90.00	359.52	9,750.00	3,976.75	763.65	611,552.90	822,097.83	32.6778852	-103.4208589	3,976.75	0.00	0.00	0.00
13,200.00	90.00	359.52	9,750.00	4,076.74	762.80	611,652.89	822,096.98	32.6781601	-103.4208588	4,076.74	0.00	0.00	0.00
13,300.00	90.00	359.52	9,750.00	4,176.74	761.96	611,752.89	822,096.14	32.6784349	-103.4208588	4,176.74	0.00	0.00	0.00
13,400.00	90.00	359.52	9,750.00	4,276.74	761.11	611,852.89	822,095.29	32.6787098	-103.4208588	4,276.74	0.00	0.00	0.00
13,500.00	90.00	359.52	9,750.00	4,376.73	760.27	611,952.88	822,094.45	32.6789846	-103.4208587	4,376.73	0.00	0.00	0.00
13,600.00	90.00	359.52	9,750.00	4,476.73	759.42	612,052.88	822,093.60	32.6792595	-103.4208587	4,476.73	0.00	0.00	0.00
13,700.00	90.00	359.52	9,750.00	4,576.73	758.57	612,152.88	822,092.75	32.6795343	-103.4208586	4,576.73	0.00	0.00	0.00
13,800.00	90.00	359.52	9,750.00	4,676.72	757.73	612,252.87	822,091.91	32.6798092	-103.4208586	4,676.72	0.00	0.00	0.00
13,900.00	90.00	359.52	9,750.00	4,776.72	756.88	612,352.87	822,091.06	32.6800840	-103.4208585	4,776.72	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
14,000.00	90.00	359.52	9,750.00	4,876.72	756.04	612,452.87	822,090.22	32.6803589	-103.4208585	4,876.72	0.00	0.00	0.00
14,100.00	90.00	359.52	9,750.00	4,976.71	755.19	612,552.86	822,089.37	32.6806337	-103.4208584	4,976.71	0.00	0.00	0.00
14,200.00	90.00	359.52	9,750.00	5,076.71	754.34	612,652.86	822,088.52	32.6809086	-103.4208584	5,076.71	0.00	0.00	0.00
14,300.00	90.00	359.52	9,750.00	5,176.71	753.50	612,752.86	822,087.68	32.6811834	-103.4208583	5,176.71	0.00	0.00	0.00
14,400.00	90.00	359.52	9,750.00	5,276.70	752.65	612,852.85	822,086.83	32.6814582	-103.4208583	5,276.70	0.00	0.00	0.00
14,500.00	90.00	359.52	9,750.00	5,376.70	751.81	612,952.85	822,085.99	32.6817331	-103.4208583	5,376.70	0.00	0.00	0.00
14,600.00	90.00	359.52	9,750.00	5,476.69	750.96	613,052.84	822,085.14	32.6820079	-103.4208582	5,476.69	0.00	0.00	0.00
14,700.00	90.00	359.52	9,750.00	5,576.69	750.11	613,152.84	822,084.29	32.6822828	-103.4208582	5,576.69	0.00	0.00	0.00
14,800.00	90.00	359.52	9,750.00	5,676.69	749.27	613,252.84	822,083.45	32.6825576	-103.4208581	5,676.69	0.00	0.00	0.00
14,900.00	90.00	359.52	9,750.00	5,776.68	748.42	613,352.83	822,082.60	32.6828325	-103.4208581	5,776.68	0.00	0.00	0.00
15,000.00	90.00	359.52	9,750.00	5,876.68	747.58	613,452.83	822,081.76	32.6831073	-103.4208580	5,876.68	0.00	0.00	0.00
15,100.00	90.00	359.52	9,750.00	5,976.68	746.73	613,552.83	822,080.91	32.6833822	-103.4208580	5,976.68	0.00	0.00	0.00
15,200.00	90.00	359.52	9,750.00	6,076.67	745.88	613,652.82	822,080.06	32.6836570	-103.4208579	6,076.67	0.00	0.00	0.00
15,300.00	90.00	359.52	9,750.00	6,176.67	745.04	613,752.82	822,079.22	32.6839319	-103.4208579	6,176.67	0.00	0.00	0.00
15,400.00	90.00	359.52	9,750.00	6,276.67	744.19	613,852.82	822,078.37	32.6842067	-103.4208578	6,276.67	0.00	0.00	0.00
15,500.00	90.00	359.52	9,750.00	6,376.66	743.35	613,952.81	822,077.53	32.6844816	-103.4208578	6,376.66	0.00	0.00	0.00
15,600.00	90.00	359.52	9,750.00	6,476.66	742.50	614,052.81	822,076.68	32.6847564	-103.4208578	6,476.66	0.00	0.00	0.00
15,700.00	90.00	359.52	9,750.00	6,576.66	741.65	614,152.81	822,075.83	32.6850312	-103.4208577	6,576.66	0.00	0.00	0.00
15,800.00	90.00	359.52	9,750.00	6,676.65	740.81	614,252.80	822,074.99	32.6853061	-103.4208577	6,676.65	0.00	0.00	0.00
15,900.00	90.00	359.52	9,750.00	6,776.65	739.96	614,352.80	822,074.14	32.6855809	-103.4208576	6,776.65	0.00	0.00	0.00
16,000.00	90.00	359.52	9,750.00	6,876.64	739.12	614,452.79	822,073.30	32.6858558	-103.4208576	6,876.64	0.00	0.00	0.00
16,100.00	90.00	359.52	9,750.00	6,976.64	738.27	614,552.79	822,072.45	32.6861306	-103.4208575	6,976.64	0.00	0.00	0.00
16,200.00	90.00	359.52	9,750.00	7,076.64	737.42	614,652.79	822,071.60	32.6864055	-103.4208575	7,076.64	0.00	0.00	0.00
16,300.00	90.00	359.52	9,750.00	7,176.63	736.58	614,752.78	822,070.76	32.6866803	-103.4208574	7,176.63	0.00	0.00	0.00
16,400.00	90.00	359.52	9,750.00	7,276.63	735.73	614,852.78	822,069.91	32.6869552	-103.4208574	7,276.63	0.00	0.00	0.00
16,500.00	90.00	359.52	9,750.00	7,376.63	734.89	614,952.78	822,069.07	32.6872300	-103.4208573	7,376.63	0.00	0.00	0.00
16,600.00	90.00	359.52	9,750.00	7,476.62	734.04	615,052.77	822,068.22	32.6875049	-103.4208573	7,476.62	0.00	0.00	0.00
16,700.00	90.00	359.52	9,750.00	7,576.62	733.19	615,152.77	822,067.37	32.6877797	-103.4208573	7,576.62	0.00	0.00	0.00
16,800.00	90.00	359.52	9,750.00	7,676.62	732.35	615,252.77	822,066.53	32.6880545	-103.4208572	7,676.62	0.00	0.00	0.00
16,900.00	90.00	359.52	9,750.00	7,776.61	731.50	615,352.76	822,065.68	32.6883294	-103.4208572	7,776.61	0.00	0.00	0.00
17,000.00	90.00	359.52	9,750.00	7,876.61	730.66	615,452.76	822,064.84	32.6886042	-103.4208571	7,876.61	0.00	0.00	0.00
17,100.00	90.00	359.52	9,750.00	7,976.61	729.81	615,552.75	822,063.99	32.6888791	-103.4208571	7,976.61	0.00	0.00	0.00
17,200.00	90.00	359.52	9,750.00	8,076.60	728.96	615,652.75	822,063.14	32.6891539	-103.4208570	8,076.60	0.00	0.00	0.00
17,300.00	90.00	359.52	9,750.00	8,176.60	728.12	615,752.75	822,062.30	32.6894288	-103.4208570	8,176.60	0.00	0.00	0.00
17,400.00	90.00	359.52	9,750.00	8,276.59	727.27	615,852.74	822,061.45	32.6897036	-103.4208569	8,276.59	0.00	0.00	0.00
17,500.00	90.00	359.52	9,750.00	8,376.59	726.42	615,952.74	822,060.60	32.6899785	-103.4208569	8,376.59	0.00	0.00	0.00
17,600.00	90.00	359.52	9,750.00	8,476.59	725.58	616,052.74	822,059.76	32.6902533	-103.4208568	8,476.59	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
17,700.00	90.00	359.52	9,750.00	8,576.58	724.73	616,152.73	822,058.91	32.6905282	-103.4208568	8,576.58	0.00	0.00	0.00
17,800.00	90.00	359.52	9,750.00	8,676.58	723.89	616,252.73	822,058.07	32.6908030	-103.4208567	8,676.58	0.00	0.00	0.00
17,900.00	90.00	359.52	9,750.00	8,776.58	723.04	616,352.73	822,057.22	32.6910778	-103.4208567	8,776.58	0.00	0.00	0.00
18,000.00	90.00	359.52	9,750.00	8,876.57	722.19	616,452.72	822,056.37	32.6913527	-103.4208567	8,876.57	0.00	0.00	0.00
18,100.00	90.00	359.52	9,750.00	8,976.57	721.35	616,552.72	822,055.53	32.6916275	-103.4208566	8,976.57	0.00	0.00	0.00
18,200.00	90.00	359.52	9,750.00	9,076.57	720.50	616,652.72	822,054.68	32.6919024	-103.4208566	9,076.57	0.00	0.00	0.00
18,300.00	90.00	359.52	9,750.00	9,176.56	719.66	616,752.71	822,053.84	32.6921772	-103.4208565	9,176.56	0.00	0.00	0.00
18,400.00	90.00	359.52	9,750.00	9,276.56	718.81	616,852.71	822,052.99	32.6924521	-103.4208565	9,276.56	0.00	0.00	0.00
18,500.00	90.00	359.52	9,750.00	9,376.56	717.96	616,952.70	822,052.14	32.6927269	-103.4208564	9,376.56	0.00	0.00	0.00
18,600.00	90.00	359.52	9,750.00	9,476.55	717.12	617,052.70	822,051.30	32.6930018	-103.4208564	9,476.55	0.00	0.00	0.00
18,700.00	90.00	359.52	9,750.00	9,576.55	716.27	617,152.70	822,050.45	32.6932766	-103.4208563	9,576.55	0.00	0.00	0.00
18,800.00	90.00	359.52	9,750.00	9,676.54	715.43	617,252.69	822,049.61	32.6935515	-103.4208563	9,676.54	0.00	0.00	0.00
18,900.00	90.00	359.52	9,750.00	9,776.54	714.58	617,352.69	822,048.76	32.6938263	-103.4208562	9,776.54	0.00	0.00	0.00
19,000.00	90.00	359.52	9,750.00	9,876.54	713.73	617,452.69	822,047.91	32.6941011	-103.4208562	9,876.54	0.00	0.00	0.00
19,100.00	90.00	359.52	9,750.00	9,976.53	712.89	617,552.68	822,047.07	32.6943760	-103.4208561	9,976.53	0.00	0.00	0.00
19,200.00	90.00	359.52	9,750.00	10,076.53	712.04	617,652.68	822,046.22	32.6946508	-103.4208561	10,076.53	0.00	0.00	0.00
19,300.00	90.00	359.52	9,750.00	10,176.53	711.20	617,752.68	822,045.38	32.6949257	-103.4208561	10,176.53	0.00	0.00	0.00
19,400.00	90.00	359.52	9,750.00	10,276.52	710.35	617,852.67	822,044.53	32.6952005	-103.4208560	10,276.52	0.00	0.00	0.00
19,500.00	90.00	359.52	9,750.00	10,376.52	709.50	617,952.67	822,043.68	32.6954754	-103.4208560	10,376.52	0.00	0.00	0.00
19,600.00	90.00	359.52	9,750.00	10,476.52	708.66	618,052.67	822,042.84	32.6957502	-103.4208559	10,476.52	0.00	0.00	0.00
19,700.00	90.00	359.52	9,750.00	10,576.51	707.81	618,152.66	822,041.99	32.6960251	-103.4208559	10,576.51	0.00	0.00	0.00
19,800.00	90.00	359.52	9,750.00	10,676.51	706.97	618,252.66	822,041.15	32.6962999	-103.4208558	10,676.51	0.00	0.00	0.00
19,900.00	90.00	359.52	9,750.00	10,776.50	706.12	618,352.65	822,040.30	32.6965748	-103.4208558	10,776.50	0.00	0.00	0.00
20,000.00	90.00	359.52	9,750.00	10,876.50	705.27	618,452.65	822,039.45	32.6968496	-103.4208557	10,876.50	0.00	0.00	0.00
20,100.00	90.00	359.52	9,750.00	10,976.50	704.43	618,552.65	822,038.61	32.6971244	-103.4208557	10,976.50	0.00	0.00	0.00
20,200.00	90.00	359.52	9,750.00	11,076.49	703.58	618,652.64	822,037.76	32.6973993	-103.4208556	11,076.49	0.00	0.00	0.00
20,300.00	90.00	359.52	9,750.00	11,176.49	702.74	618,752.64	822,036.92	32.6976741	-103.4208556	11,176.49	0.00	0.00	0.00
20,400.00	90.00	359.52	9,750.00	11,276.49	701.89	618,852.64	822,036.07	32.6979490	-103.4208555	11,276.49	0.00	0.00	0.00
20,500.00	90.00	359.52	9,750.00	11,376.48	701.04	618,952.63	822,035.22	32.6982238	-103.4208555	11,376.48	0.00	0.00	0.00
20,600.00	90.00	359.52	9,750.00	11,476.48	700.20	619,052.63	822,034.38	32.6984987	-103.4208554	11,476.48	0.00	0.00	0.00
20,700.00	90.00	359.52	9,750.00	11,576.48	699.35	619,152.63	822,033.53	32.6987735	-103.4208554	11,576.48	0.00	0.00	0.00
20,800.00	90.00	359.52	9,750.00	11,676.47	698.51	619,252.62	822,032.69	32.6990484	-103.4208554	11,676.47	0.00	0.00	0.00
20,900.00	90.00	359.52	9,750.00	11,776.47	697.66	619,352.62	822,031.84	32.6993232	-103.4208553	11,776.47	0.00	0.00	0.00
21,000.00	90.00	359.52	9,750.00	11,876.47	696.81	619,452.62	822,030.99	32.6995980	-103.4208553	11,876.47	0.00	0.00	0.00
21,100.00	90.00	359.52	9,750.00	11,976.46	695.97	619,552.61	822,030.15	32.6998729	-103.4208552	11,976.46	0.00	0.00	0.00
21,200.00	90.00	359.52	9,750.00	12,076.46	695.12	619,652.61	822,029.30	32.7001477	-103.4208552	12,076.46	0.00	0.00	0.00
21,300.00	90.00	359.52	9,750.00	12,176.45	694.28	619,752.60	822,028.46	32.7004226	-103.4208551	12,176.45	0.00	0.00	0.00
21,400.00	90.00	359.52	9,750.00	12,276.45	693.43	619,852.60	822,027.61	32.7006974	-103.4208551	12,276.45	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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				
21,500.00	90.00	359.52	9,750.00	12,376.45	692.58	619,952.60	822,026.76	32.7009723	-103.4208550	12,376.45	0.00	0.00	0.00
21,600.00	90.00	359.52	9,750.00	12,476.44	691.74	620,052.59	822,025.92	32.7012471	-103.4208550	12,476.44	0.00	0.00	0.00
21,700.00	90.00	359.52	9,750.00	12,576.44	690.89	620,152.59	822,025.07	32.7015220	-103.4208549	12,576.44	0.00	0.00	0.00
21,800.00	90.00	359.52	9,750.00	12,676.44	690.05	620,252.59	822,024.23	32.7017968	-103.4208549	12,676.44	0.00	0.00	0.00
21,900.00	90.00	359.52	9,750.00	12,776.43	689.20	620,352.58	822,023.38	32.7020717	-103.4208548	12,776.43	0.00	0.00	0.00
22,000.00	90.00	359.52	9,750.00	12,876.43	688.35	620,452.58	822,022.53	32.7023465	-103.4208548	12,876.43	0.00	0.00	0.00
22,100.00	90.00	359.52	9,750.00	12,976.43	687.51	620,552.58	822,021.69	32.7026213	-103.4208547	12,976.43	0.00	0.00	0.00
22,200.00	90.00	359.52	9,750.00	13,076.42	686.66	620,652.57	822,020.84	32.7028962	-103.4208547	13,076.42	0.00	0.00	0.00
22,300.00	90.00	359.52	9,750.00	13,176.42	685.82	620,752.57	822,020.00	32.7031710	-103.4208547	13,176.42	0.00	0.00	0.00
22,400.00	90.00	359.52	9,750.00	13,276.42	684.97	620,852.57	822,019.15	32.7034459	-103.4208546	13,276.42	0.00	0.00	0.00
22,500.00	90.00	359.52	9,750.00	13,376.41	684.12	620,952.56	822,018.30	32.7037207	-103.4208546	13,376.41	0.00	0.00	0.00
22,600.00	90.00	359.52	9,750.00	13,476.41	683.28	621,052.56	822,017.46	32.7039956	-103.4208545	13,476.41	0.00	0.00	0.00
22,700.00	90.00	359.52	9,750.00	13,576.40	682.43	621,152.55	822,016.61	32.7042704	-103.4208545	13,576.40	0.00	0.00	0.00
22,800.00	90.00	359.52	9,750.00	13,676.40	681.59	621,252.55	822,015.77	32.7045453	-103.4208544	13,676.40	0.00	0.00	0.00
22,900.00	90.00	359.52	9,750.00	13,776.40	680.74	621,352.55	822,014.92	32.7048201	-103.4208544	13,776.40	0.00	0.00	0.00
23,000.00	90.00	359.52	9,750.00	13,876.39	679.89	621,452.54	822,014.07	32.7050949	-103.4208543	13,876.39	0.00	0.00	0.00
23,100.00	90.00	359.52	9,750.00	13,976.39	679.05	621,552.54	822,013.23	32.7053698	-103.4208543	13,976.39	0.00	0.00	0.00
23,200.00	90.00	359.52	9,750.00	14,076.39	678.20	621,652.54	822,012.38	32.7056446	-103.4208542	14,076.39	0.00	0.00	0.00
23,300.00	90.00	359.52	9,750.00	14,176.38	677.36	621,752.53	822,011.54	32.7059195	-103.4208542	14,176.38	0.00	0.00	0.00
23,400.00	90.00	359.52	9,750.00	14,276.38	676.51	621,852.53	822,010.69	32.7061943	-103.4208541	14,276.38	0.00	0.00	0.00
23,500.00	90.00	359.52	9,750.00	14,376.38	675.66	621,952.53	822,009.84	32.7064692	-103.4208541	14,376.38	0.00	0.00	0.00
23,600.00	90.00	359.52	9,750.00	14,476.37	674.82	622,052.52	822,009.00	32.7067440	-103.4208540	14,476.37	0.00	0.00	0.00
23,700.00	90.00	359.52	9,750.00	14,576.37	673.97	622,152.52	822,008.15	32.7070189	-103.4208540	14,576.37	0.00	0.00	0.00
23,800.00	90.00	359.52	9,750.00	14,676.37	673.13	622,252.52	822,007.31	32.7072937	-103.4208539	14,676.37	0.00	0.00	0.00
23,900.00	90.00	359.52	9,750.00	14,776.36	672.28	622,352.51	822,006.46	32.7075686	-103.4208539	14,776.36	0.00	0.00	0.00
24,000.00	90.00	359.52	9,750.00	14,876.36	671.43	622,452.51	822,005.61	32.7078434	-103.4208538	14,876.36	0.00	0.00	0.00
24,100.00	90.00	359.52	9,750.00	14,976.35	670.59	622,552.50	822,004.77	32.7081182	-103.4208538	14,976.35	0.00	0.00	0.00
24,200.00	90.00	359.52	9,750.00	15,076.35	669.74	622,652.50	822,003.92	32.7083931	-103.4208538	15,076.35	0.00	0.00	0.00
24,300.00	90.00	359.52	9,750.00	15,176.35	668.89	622,752.50	822,003.07	32.7086679	-103.4208537	15,176.35	0.00	0.00	0.00
24,400.00	90.00	359.52	9,750.00	15,276.34	668.05	622,852.49	822,002.23	32.7089428	-103.4208537	15,276.34	0.00	0.00	0.00
24,500.00	90.00	359.52	9,750.00	15,376.34	667.20	622,952.49	822,001.38	32.7092176	-103.4208536	15,376.34	0.00	0.00	0.00
24,600.00	90.00	359.52	9,750.00	15,476.34	666.36	623,052.49	822,000.54	32.7094925	-103.4208536	15,476.34	0.00	0.00	0.00
24,700.00	90.00	359.52	9,750.00	15,576.33	665.51	623,152.48	821,999.69	32.7097673	-103.4208535	15,576.33	0.00	0.00	0.00
24,800.00	90.00	359.52	9,750.00	15,676.33	664.66	623,252.48	821,998.84	32.7100422	-103.4208535	15,676.33	0.00	0.00	0.00
24,900.00	90.00	359.52	9,750.00	15,776.33	663.82	623,352.48	821,998.00	32.7103170	-103.4208534	15,776.33	0.00	0.00	0.00
25,000.00	90.00	359.52	9,750.00	15,876.32	662.97	623,452.47	821,997.15	32.7105918	-103.4208534	15,876.32	0.00	0.00	0.00
25,100.00	90.00	359.52	9,750.00	15,976.32	662.13	623,552.47	821,996.31	32.7108667	-103.4208533	15,976.32	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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				
25,200.00	90.00	359.52	9,750.00	16,076.32	661.28	623,652.47	821,995.46	32.7111415	-103.4208533	16,076.32	0.00	0.00	0.00
25,300.00	90.00	359.52	9,750.00	16,176.31	660.43	623,752.46	821,994.61	32.7114164	-103.4208532	16,176.31	0.00	0.00	0.00
25,400.00	90.00	359.52	9,750.00	16,276.31	659.59	623,852.46	821,993.77	32.7116912	-103.4208532	16,276.31	0.00	0.00	0.00
25,500.00	90.00	359.52	9,750.00	16,376.30	658.74	623,952.45	821,992.92	32.7119661	-103.4208531	16,376.30	0.00	0.00	0.00
25,600.00	90.00	359.52	9,750.00	16,476.30	657.90	624,052.45	821,992.08	32.7122409	-103.4208531	16,476.30	0.00	0.00	0.00
25,700.00	90.00	359.52	9,750.00	16,576.30	657.05	624,152.45	821,991.23	32.7125158	-103.4208530	16,576.30	0.00	0.00	0.00
25,800.00	90.00	359.52	9,750.00	16,676.29	656.20	624,252.44	821,990.38	32.7127906	-103.4208530	16,676.29	0.00	0.00	0.00
25,900.00	90.00	359.52	9,750.00	16,776.29	655.36	624,352.44	821,989.54	32.7130654	-103.4208529	16,776.29	0.00	0.00	0.00
26,000.00	90.00	359.52	9,750.00	16,876.29	654.51	624,452.44	821,988.69	32.7133403	-103.4208529	16,876.29	0.00	0.00	0.00
26,100.00	90.00	359.52	9,750.00	16,976.28	653.67	624,552.43	821,987.85	32.7136151	-103.4208529	16,976.28	0.00	0.00	0.00
26,200.00	90.00	359.52	9,750.00	17,076.28	652.82	624,652.43	821,987.00	32.7138900	-103.4208528	17,076.28	0.00	0.00	0.00
26,300.00	90.00	359.52	9,750.00	17,176.28	651.97	624,752.43	821,986.15	32.7141648	-103.4208528	17,176.28	0.00	0.00	0.00
26,400.00	90.00	359.52	9,750.00	17,276.27	651.13	624,852.42	821,985.31	32.7144397	-103.4208527	17,276.27	0.00	0.00	0.00
26,500.00	90.00	359.52	9,750.00	17,376.27	650.28	624,952.42	821,984.46	32.7147145	-103.4208527	17,376.27	0.00	0.00	0.00
26,600.00	90.00	359.52	9,750.00	17,476.27	649.44	625,052.41	821,983.62	32.7149894	-103.4208526	17,476.27	0.00	0.00	0.00
26,700.00	90.00	359.52	9,750.00	17,576.26	648.59	625,152.41	821,982.77	32.7152642	-103.4208526	17,576.26	0.00	0.00	0.00
26,800.00	90.00	359.52	9,750.00	17,676.26	647.74	625,252.41	821,981.92	32.7155390	-103.4208525	17,676.26	0.00	0.00	0.00
26,900.00	90.00	359.52	9,750.00	17,776.25	646.90	625,352.40	821,981.08	32.7158139	-103.4208525	17,776.25	0.00	0.00	0.00
27,000.00	90.00	359.52	9,750.00	17,876.25	646.05	625,452.40	821,980.23	32.7160887	-103.4208524	17,876.25	0.00	0.00	0.00
27,100.00	90.00	359.52	9,750.00	17,976.25	645.21	625,552.40	821,979.39	32.7163636	-103.4208524	17,976.25	0.00	0.00	0.00
27,200.00	90.00	359.52	9,750.00	18,076.24	644.36	625,652.39	821,978.54	32.7166384	-103.4208523	18,076.24	0.00	0.00	0.00
27,300.00	90.00	359.52	9,750.00	18,176.24	643.51	625,752.39	821,977.69	32.7169133	-103.4208523	18,176.24	0.00	0.00	0.00
27,400.00	90.00	359.52	9,750.00	18,276.24	642.67	625,852.39	821,976.85	32.7171881	-103.4208522	18,276.24	0.00	0.00	0.00
27,500.00	90.00	359.52	9,750.00	18,376.23	641.82	625,952.38	821,976.00	32.7174630	-103.4208522	18,376.23	0.00	0.00	0.00
27,600.00	90.00	359.52	9,750.00	18,476.23	640.98	626,052.38	821,975.16	32.7177378	-103.4208521	18,476.23	0.00	0.00	0.00
27,700.00	90.00	359.52	9,750.00	18,576.23	640.13	626,152.38	821,974.31	32.7180126	-103.4208521	18,576.23	0.00	0.00	0.00
27,800.00	90.00	359.52	9,750.00	18,676.22	639.28	626,252.37	821,973.46	32.7182875	-103.4208520	18,676.22	0.00	0.00	0.00
27,900.00	90.00	359.52	9,750.00	18,776.22	638.44	626,352.37	821,972.62	32.7185623	-103.4208520	18,776.22	0.00	0.00	0.00
28,000.00	90.00	359.52	9,750.00	18,876.22	637.59	626,452.36	821,971.77	32.7188372	-103.4208519	18,876.22	0.00	0.00	0.00
28,100.00	90.00	359.52	9,750.00	18,976.21	636.75	626,552.36	821,970.93	32.7191120	-103.4208519	18,976.21	0.00	0.00	0.00
28,200.00	90.00	359.52	9,750.00	19,076.21	635.90	626,652.36	821,970.08	32.7193869	-103.4208518	19,076.21	0.00	0.00	0.00
28,300.00	90.00	359.52	9,750.00	19,176.20	635.05	626,752.35	821,969.23	32.7196617	-103.4208518	19,176.20	0.00	0.00	0.00
28,400.00	90.00	359.52	9,750.00	19,276.20	634.21	626,852.35	821,968.39	32.7199366	-103.4208517	19,276.20	0.00	0.00	0.00
28,500.00	90.00	359.52	9,750.00	19,376.20	633.36	626,952.35	821,967.54	32.7202114	-103.4208517	19,376.20	0.00	0.00	0.00
28,600.00	90.00	359.52	9,750.00	19,476.19	632.52	627,052.34	821,966.70	32.7204862	-103.4208516	19,476.19	0.00	0.00	0.00
28,700.00	90.00	359.52	9,750.00	19,576.19	631.67	627,152.34	821,965.85	32.7207611	-103.4208516	19,576.19	0.00	0.00	0.00
28,800.00	90.00	359.52	9,750.00	19,676.19	630.82	627,252.34	821,965.00	32.7210359	-103.4208516	19,676.19	0.00	0.00	0.00
28,900.00	90.00	359.52	9,750.00	19,776.18	629.98	627,352.33	821,964.16	32.7213108	-103.4208515	19,776.18	0.00	0.00	0.00

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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)
29,000.00	90.00	359.52	9,750.00	19,876.18	629.13	627,452.33	821,963.31	32.7215856	-103.4208515	19,876.18	0.00	0.00	0.00
29,100.00	90.00	359.52	9,750.00	19,976.18	628.29	627,552.33	821,962.47	32.7218605	-103.4208514	19,976.18	0.00	0.00	0.00
29,200.00	90.00	359.52	9,750.00	20,076.17	627.44	627,652.32	821,961.62	32.7221353	-103.4208514	20,076.17	0.00	0.00	0.00
29,300.00	90.00	359.52	9,750.00	20,176.17	626.59	627,752.32	821,960.77	32.7224102	-103.4208513	20,176.17	0.00	0.00	0.00
29,400.00	90.00	359.52	9,750.00	20,276.17	625.75	627,852.31	821,959.93	32.7226850	-103.4208513	20,276.17	0.00	0.00	0.00
29,500.00	90.00	359.52	9,750.00	20,376.16	624.90	627,952.31	821,959.08	32.7229598	-103.4208512	20,376.16	0.00	0.00	0.00
29,600.00	90.00	359.52	9,750.00	20,476.16	624.06	628,052.31	821,958.24	32.7232347	-103.4208512	20,476.16	0.00	0.00	0.00
29,700.00	90.00	359.52	9,750.00	20,576.15	623.21	628,152.30	821,957.39	32.7235095	-103.4208511	20,576.15	0.00	0.00	0.00
29,800.00	90.00	359.52	9,750.00	20,676.15	622.36	628,252.30	821,956.54	32.7237844	-103.4208511	20,676.15	0.00	0.00	0.00
29,900.00	90.00	359.52	9,750.00	20,776.15	621.52	628,352.30	821,955.70	32.7240592	-103.4208510	20,776.15	0.00	0.00	0.00
30,000.00	90.00	359.52	9,750.00	20,876.14	620.67	628,452.29	821,954.85	32.7243341	-103.4208510	20,876.14	0.00	0.00	0.00
30,100.00	90.00	359.52	9,750.00	20,976.14	619.83	628,552.29	821,954.01	32.7246089	-103.4208509	20,976.14	0.00	0.00	0.00
30,200.00	90.00	359.52	9,750.00	21,076.14	618.98	628,652.29	821,953.16	32.7248837	-103.4208509	21,076.14	0.00	0.00	0.00
30,300.00	90.00	359.52	9,750.00	21,176.13	618.13	628,752.28	821,952.31	32.7251586	-103.4208508	21,176.13	0.00	0.00	0.00
30,400.00	90.00	359.52	9,750.00	21,276.13	617.29	628,852.28	821,951.47	32.7254334	-103.4208508	21,276.13	0.00	0.00	0.00
30,418.57	90.00	359.52	9,750.00	21,294.70	617.13	628,870.85	821,951.31	32.7254845	-103.4208508	21,294.70	0.00	0.00	0.00

TD - 30418.57' MD - LTP/PBHL - 100' FNL, 466' FEL (YSC 224H)

Design Targets

Target Name

hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP/PBHL - 100' FNL, - plan hits target center - Point	0.00	0.00	9,750.00	21,294.70	617.13	628,870.85	821,951.31	32.7254845	-103.4208508
KOP/LP/FTP (YSC 22 - plan misses target center by 247.85usft at 9679.37usft MD (9572.01 TVD, 598.99 N, 792.22 E) - Point	0.00	0.00	9,750.00	426.52	793.68	608,002.67	822,127.86	32.6681272	-103.4208605

Total Directional Planned Survey Report



Company: Coterra Energy	Local Co-ordinate Reference: Well Yeti State Com 224H
Project: Lea County, NM (NAD 83)	TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site: Yeti-Chile pad	MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Well: Yeti State Com 224H	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 (°)
1,768.00	1,768.00	Rustler			
1,845.00	1,845.00	A3			
1,932.00	1,932.00	Tamarisk			
2,031.00	2,031.00	Top Salt			
3,106.04	3,100.00	Base Slit			
3,304.74	3,297.00	Yates			
3,738.46	3,727.00	Seven Rivers			
4,465.68	4,448.00	Queen			
5,594.34	5,567.00	Cherry Canyon			
6,125.89	6,094.00	Brushy Canyon			
7,564.20	7,520.00	Bone Spring			
9,268.50	9,210.00	1st Bone Spring Sand			
9,396.44	9,335.00	2nd Bone Spring Carbonate			
9,478.56	9,411.00	2nd Bone Spring Sand			
10,262.66	9,750.00	Target			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2150	2150	0	0	Nudge, Build 2.00°/100'
2525	2524	11	22	Hold - 2525.10' MD/2524.03' TVD
9096	9038	408	782	Start DLS 4.00 TFO -121.27
9291	9232	427	794	KOP - Start 10.00°/100' DLS
9966	9711	846	790	75° Inc - 9965.99' MD/9710.96' TVD
10,266	9750	1143	788	LP - 10265.99' MD
30,419	9750	21,295	617	TD - 30418.57' MD

Checked By: _____	Approved By: _____	Date: _____
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Coterra Energy

Lea County, NM (NAD 83)

Yeti-Chile pad

Yeti State Com 224H

320' FNI, 1266' 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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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
Depth Range:	Unlimited
Results Limited by:	Maximum centre distance of 3,312.47usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Pedal Curve
Casing Method:	Not applied

Well	Yeti State Com 224H				
Well Position	+N/-S	0.00 usft	Northing:	607,576.15 usft	Latitude: 32.6669737
	+E/-W	0.00 usft	Easting:	821,334.18 usft	Longitude: -103.4234513
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level: 3,761.00 usft
Grid Convergence:		0.49 °			

Survey Tool Program	Date	3/5/2026		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	30,418.57	Plan #1 (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

Experimental: Summary Highlights: Yeti State Com 224H

- At 21,909.93 MD, (O) South Vacuum Unit 352 - OH - OH is 212.93 usft away with a 0.72 SF.
- At 24,234.37 MD, (O) Honeydew 35 State #1 - P&A - OH - OH is 110.67 usft away with a 0.33 SF.

Offset Listing								
Offset Customer - Project - Site Name Offset Well	Map Coordinates		Geographical Coordinates		Surface Uncertainty			
	Ground Level	KB Height	Northing	Easting	Latitude	Longitude	Site	Well
- - Yeti-Chile pad								
(O) BB #1 - P&A -	3,784.80	3,784.80	607,204.44	817,964.66	32.6660310	-103.4344100	0.00	0.00
(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) Gateway 2 State Com 2H -	3,849.00	3,875.00	617,842.69	817,869.72	32.6952711	-103.4344256	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) Lea J State 001 - P&A -	3,884.00	3,884.00	626,639.88	817,433.92	32.7194590	-103.4356000	0.00	0.00
(O) Merit Record 35 #1 -	3,672.00	3,672.00	587,680.25	821,769.22	32.6122820	-103.4225920	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) Record 002 -	3,684.00	3,684.00	589,995.16	820,760.33	32.6186680	-103.4258040	0.00	0.00
(O) Record 005 -	3,715.00	3,715.00	595,271.32	818,061.05	32.6332320	-103.4344250	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) Reeves 26 004 - P&A -	3,861.00	3,861.00	625,311.88	818,770.90	32.7157780	-103.4312900	0.00	0.00
(O) South Vacuum Unit 261 -	3,876.00	3,876.00	624,312.75	817,786.77	32.7130550	-103.4345170	0.00	0.00
(O) South Vacuum Unit 265 - P&A -	3,876.00	3,876.00	625,593.58	818,095.19	32.7165680	-103.4334790	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

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 Well	Customer - Project - Site Name	Ground Level	KB Height	Map Coordinates		Geographical Coordinates		Surface Uncertainty	
				Northing	Easting	Latitude	Longitude	Site	Well
-	Yeti-Chile pad								
(O)	South Vacuum Unit 353 -	3,870.00	3,870.00	622,999.66	819,121.57	32.7094150	-103.4302140	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)	Sunray-Mid Cofowler 001 - P&A -	3,841.00	3,841.00	607,213.17	820,615.36	32.6659930	-103.4257970	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
(O)	Zeus 2-11 Fed 2BS Com 3H -	3,682.00	3,707.00	586,817.30	818,824.60	32.6099793	-103.4321778	0.00	0.00
(O)	Zeus 2-11 Fed 2BS Com 4H -	3,681.00	3,706.00	586,817.50	818,854.60	32.6099791	-103.4320804	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
	Yeti State Com 223H -	3,761.10	3,784.10	607,575.82	821,294.19	32.6669738	-103.4235812	0.00	0.00

Summary						
Site Name Offset Well - Wellbore - Design	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
Yeti-Chile pad						
(O) BB #1 - P&A - OH - OH						Out of range
(O) Blue Box Federal Com 505H - OH - OH	9,888.20	16,630.99	554.63	399.60	3.58	CC, ES, SF
(O) Fowler 001 - P&A - OH - OH	2,065.85	2,046.80	1,825.10	1,780.07	40.53	CC
(O) Fowler 001 - P&A - OH - OH	2,200.00	2,177.28	1,825.57	1,777.71	38.15	ES
(O) Fowler 001 - P&A - OH - OH	9,400.00	9,317.52	2,608.15	2,389.26	11.92	SF
(O) Gateway 2 State Com 2H - OH - OH						Out of range
(O) Henry Record #1 - OH - OH						Out of range
(O) Honeydew 35 State #1 - P&A - OH - OH	24,234.37	9,834.04	110.67	-221.07	0.33	Level 1, CC, ES, SF
(O) Lea J State 001 - P&A - OH - OH						Out of range
(O) Merit Record 35 #1 - OH - OH						Out of range
(O) Pearl 26 Federal #3 - OH - OH						Out of range
(O) Record 001 - OH - OH						Out of range
(O) Record 002 - OH - OH						Out of range
(O) Record 005 - OH - OH						Out of range
(O) Reeves 26 003 SWD - OH - OH	25,889.41	9,828.20	1,544.13	1,198.52	4.47	CC
(O) Reeves 26 003 SWD - OH - OH	25,900.00	9,827.93	1,544.16	1,198.52	4.47	ES, SF
(O) Reeves 26 004 - P&A - OH - OH	26,886.63	9,829.11	3,210.40	2,855.02	9.03	CC
(O) Reeves 26 004 - P&A - OH - OH	26,900.00	9,829.11	3,210.43	2,854.96	9.03	ES
(O) Reeves 26 004 - P&A - OH - OH	27,000.00	9,829.11	3,212.41	2,856.37	9.02	SF
(O) South Vacuum Unit 261 - OH - OH						Out of range
(O) South Vacuum Unit 265 - P&A - OH - OH						Out of range
(O) South Vacuum Unit 351 - OH - OH	23,350.77	9,700.90	1,585.22	930.96	2.42	CC, ES, SF
(O) South Vacuum Unit 352 - OH - OH	21,909.93	9,826.97	212.93	-83.12	0.72	Level 1, CC, ES, SF
(O) South Vacuum Unit 353 - OH - OH	24,440.76	10,033.36	2,721.66	2,576.78	18.79	CC, ES
(O) South Vacuum Unit 353 - OH - OH	24,600.00	10,025.80	2,726.30	2,580.65	18.72	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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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

Summary						
Site Name	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
Offset Well - Wellbore - Design						
Yeti-Chile pad						
(O) South Vacuum Unit 354 - OH - OH	23,476.87	9,836.36	1,165.83	1,025.34	8.30	CC, ES
(O) South Vacuum Unit 354 - OH - OH	23,500.00	9,836.36	1,166.06	1,025.49	8.30	SF
(O) State Sec 27 2 - Wellbore #1 - Surveys						Out of range
(O) Sunray-Mid Cofowler 001 - P&A - OH - OH	1,694.02	1,751.21	804.53	759.43	17.84	CC
(O) Sunray-Mid Cofowler 001 - P&A - OH - OH	2,200.00	2,257.25	804.97	744.85	13.39	ES
(O) Sunray-Mid Cofowler 001 - P&A - OH - OH	5,000.00	5,000.00	1,153.52	987.29	6.94	SF
(O) Swan 23 State Com 001 - OH - OH						Out of range
(O) Zeus 2-11 Fed 2BS Com 3H - Proposed - Plan #1						Out of range
(O) Zeus 2-11 Fed 2BS Com 4H - Proposed - Plan #1						Out of range
Chile Federal Com 221H - OH - Plan #1	408.23	428.43	2,680.98	2,678.14	945.91	CC
Chile Federal Com 221H - OH - Plan #1	500.00	500.00	2,681.05	2,677.63	783.96	ES
Chile Federal Com 221H - OH - Plan #1	4,500.00	4,180.73	3,302.78	3,271.94	107.09	SF
Chile Federal Com 222H - OH - Plan #1	2,525.40	2,811.61	2,449.18	2,430.27	129.47	CC
Chile Federal Com 222H - OH - Plan #1	3,400.00	3,683.98	2,454.86	2,429.66	97.42	ES
Chile Federal Com 222H - OH - Plan #1	9,600.00	9,610.73	2,891.99	2,823.67	42.33	SF
Chile Federal Com 224H - OH - Plan #1	500.00	499.80	20.00	16.58	5.85	CC, ES
Chile Federal Com 224H - OH - Plan #1	4,700.00	4,692.89	94.40	60.91	2.82	SF
Yeti State Com 221H - OH - Plan #1	408.18	428.48	2,700.86	2,698.03	952.93	CC
Yeti State Com 221H - OH - Plan #1	500.00	500.00	2,700.94	2,697.52	789.77	ES
Yeti State Com 221H - OH - Plan #1	4,200.00	3,841.61	3,296.37	3,267.73	115.11	SF
Yeti State Com 222H - OH - Plan #1	2,481.23	2,763.48	2,550.32	2,531.91	138.52	CC
Yeti State Com 222H - OH - Plan #1	30,418.57	31,130.51	2,727.43	2,393.69	8.17	ES, SF
Yeti State Com 223H - OH - Plan #1	1,116.63	1,116.73	39.99	32.15	5.10	CC
Yeti State Com 223H - OH - Plan #1	1,200.00	1,200.00	39.99	31.55	4.74	ES
Yeti State Com 223H - OH - Plan #1	30,418.57	30,385.08	1,353.77	1,021.31	4.07	SF

Offset Design: Yeti-Chile pad - (O) Blue Box Federal Com 505H - OH - OH														Offset Site Error:	0.00 usft
Survey Program: 169-MWD OWSG Rev5												Rule Assigned:		Offset Well Error:	0.00 usft
Reference				Semi Major Axis		Highside	Offset Wellbore Centre		Distance				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			
6,600.00	6,564.05	16,996.59	9,707.07	23.71	126.11	32.37	409.24	1,347.14	3,260.42	3,180.80	79.62	40.950			
6,700.00	6,663.19	16,995.20	9,707.01	24.08	126.09	32.21	410.64	1,347.13	3,161.57	3,081.56	80.01	39.513			
6,800.00	6,762.34	16,993.80	9,706.95	24.44	126.06	32.04	412.03	1,347.12	3,062.79	2,982.37	80.43	38.082			
6,900.00	6,861.48	16,992.41	9,706.88	24.81	126.04	31.88	413.42	1,347.10	2,964.10	2,883.24	80.86	36.656			
7,000.00	6,960.63	16,991.03	9,706.82	25.18	126.02	31.72	414.81	1,347.09	2,865.49	2,784.17	81.32	35.237			
7,100.00	7,059.77	16,989.64	9,706.76	25.54	126.00	31.55	416.19	1,347.07	2,766.98	2,685.18	81.81	33.824			
7,200.00	7,158.91	16,988.26	9,706.69	25.91	125.97	31.39	417.57	1,347.06	2,668.58	2,586.26	82.32	32.416			
7,300.00	7,258.06	16,986.87	9,706.63	26.28	125.95	31.23	418.95	1,347.04	2,570.31	2,487.44	82.87	31.016			
7,400.00	7,357.20	16,985.49	9,706.57	26.64	125.93	31.06	420.33	1,347.03	2,472.17	2,388.71	83.46	29.622			
7,500.00	7,456.35	16,984.12	9,706.50	27.01	125.91	30.90	421.71	1,347.02	2,374.19	2,290.10	84.09	28.234			
7,600.00	7,555.49	16,982.74	9,706.44	27.38	125.88	30.74	423.08	1,347.00	2,276.38	2,191.61	84.77	26.854			
7,700.00	7,654.63	16,981.37	9,706.38	27.75	125.86	30.58	424.45	1,346.99	2,178.77	2,093.27	85.51	25.480			
7,800.00	7,753.78	16,979.99	9,706.32	28.11	125.84	30.41	425.82	1,346.98	2,081.39	1,995.08	86.31	24.114			
7,900.00	7,852.92	16,978.63	9,706.25	28.48	125.82	30.25	427.19	1,346.96	1,984.27	1,897.07	87.20	22.757			
8,000.00	7,952.07	16,977.26	9,706.19	28.85	125.79	30.09	428.56	1,346.95	1,887.44	1,799.27	88.17	21.407			
8,100.00	8,051.21	16,975.89	9,706.13	29.22	125.77	29.93	429.92	1,346.94	1,790.97	1,701.72	89.25	20.067			

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

Total Directional Anticollision Report



Company: Coterra Energy, Project: Lea County, NM (NAD 83), Reference Site: Yeti-Chile pad, Site Error: 0.00 usft, Reference Well: Yeti State Com 224H, Well Error: 0.00 usft, Reference Wellbore: OH, Reference Design: Plan #1, Local Co-ordinate Reference: Well Yeti State Com 224H, TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148), MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148), North Reference: Grid, Survey Calculation Method: Minimum Curvature, Output errors are at: 2.00 sigma, Database: .Total Directional Production DB, Offset TVD Reference: Reference Datum

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

Table with columns: Survey Program, Reference, Measured Depth, Vertical Depth, Offset, Semi Major Axis Reference, Semi Major Axis Offset, Highside Toolface, Offset Wellbore Centre (+N/-S, +E/-W), Distance (Between Centres, Between Ellipses), Minimum Separation, Separation Factor, Warning, Rule Assigned, Offset Site Error, Offset Well Error.

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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
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	
13,100.00	9,750.00	13,434.67	9,602.42	45.77	68.80	75.16	3,968.58	1,320.80	576.43	461.62	114.80	5.021		
13,200.00	9,750.00	13,334.08	9,598.43	46.27	67.23	74.81	4,069.09	1,321.10	578.56	464.80	113.76	5.086		
13,300.00	9,750.00	13,235.41	9,594.84	46.77	65.71	74.50	4,167.70	1,321.68	580.90	468.17	112.73	5.153		
13,400.00	9,750.00	13,132.71	9,590.69	47.29	64.12	74.14	4,270.31	1,321.90	583.02	471.31	111.71	5.219		
13,500.00	9,750.00	13,030.77	9,587.05	47.80	62.55	73.82	4,372.19	1,321.87	584.78	474.07	110.71	5.282		
13,600.00	9,750.00	12,929.34	9,583.09	48.33	61.00	73.46	4,473.54	1,321.36	586.22	476.50	109.72	5.343		
13,700.00	9,750.00	12,820.51	9,579.31	48.86	59.34	73.10	4,582.29	1,320.36	587.17	478.45	108.72	5.401		
13,800.00	9,750.00	12,713.96	9,575.74	49.40	57.72	72.91	4,688.80	1,317.94	586.23	478.48	107.75	5.441		
13,900.00	9,750.00	12,614.01	9,575.04	49.94	56.21	72.59	4,788.67	1,314.91	584.94	478.13	106.81	5.477		
14,000.00	9,750.00	12,515.33	9,572.41	50.49	54.72	72.29	4,887.27	1,312.08	583.81	477.92	105.89	5.513		
14,100.00	9,750.00	12,415.92	9,569.49	51.05	53.24	71.96	4,986.60	1,309.31	582.87	477.88	104.99	5.552		
14,200.00	9,750.00	12,316.00	9,566.84	51.61	51.75	71.55	5,086.41	1,306.29	581.94	477.85	104.09	5.591		
14,300.00	9,750.00	12,217.14	9,561.46	52.17	50.30	71.07	5,185.12	1,303.13	581.13	477.92	103.21	5.631		
14,400.00	9,750.00	12,127.00	9,557.16	52.74	48.99	70.60	5,275.12	1,300.43	580.74	478.37	102.36	5.673		
14,402.55	9,750.00	12,118.46	9,556.80	52.76	48.87	70.57	5,283.65	1,300.22	580.69	478.36	102.33	5.675		
14,500.00	9,750.00	12,033.00	9,553.14	53.32	47.63	70.23	5,369.02	1,299.68	582.22	480.70	101.52	5.735		
14,600.00	9,750.00	11,939.00	9,548.96	53.90	46.31	69.89	5,462.93	1,300.32	585.15	484.45	100.70	5.811		
14,700.00	9,750.00	11,845.00	9,544.76	54.49	45.00	69.56	5,556.83	1,301.14	588.35	488.45	99.89	5.890		
14,800.00	9,750.00	11,753.87	9,541.51	55.08	43.75	69.38	5,647.86	1,303.62	592.97	493.87	99.09	5.984		
14,900.00	9,750.00	11,646.40	9,538.63	55.67	42.31	69.28	5,755.23	1,307.42	598.01	499.61	98.40	6.077		
15,000.00	9,750.00	11,536.24	9,537.41	56.27	40.87	69.29	5,865.35	1,310.11	601.47	503.74	97.73	6.154		
15,100.00	9,750.00	11,430.85	9,537.71	56.87	39.51	69.41	5,970.72	1,311.75	603.62	506.55	97.07	6.219		
15,200.00	9,750.00	11,326.98	9,537.26	57.48	38.20	69.42	6,074.58	1,312.37	605.12	508.70	96.42	6.276		
15,300.00	9,750.00	11,216.96	9,537.22	58.09	36.85	69.43	6,184.61	1,311.98	605.61	509.82	95.79	6.322		
15,400.00	9,750.00	11,112.94	9,538.31	58.70	35.62	69.50	6,288.60	1,310.32	604.53	509.34	95.19	6.351		
15,500.00	9,750.00	11,018.84	9,537.62	59.32	34.54	69.40	6,382.68	1,308.45	603.73	509.10	94.63	6.380		
15,516.24	9,750.00	11,003.83	9,537.31	59.42	34.37	69.37	6,397.68	1,308.19	603.71	509.17	94.54	6.386		
15,600.00	9,750.00	10,925.85	9,535.23	59.94	33.52	69.17	6,475.63	1,307.15	604.12	510.03	94.09	6.421		
15,700.00	9,750.00	10,832.20	9,532.03	60.57	32.55	68.90	6,569.22	1,306.64	605.62	512.04	93.58	6.472		
15,800.00	9,750.00	10,738.02	9,527.81	61.20	31.63	68.56	6,663.31	1,306.73	608.12	515.01	93.11	6.531		
15,900.00	9,750.00	10,652.00	9,521.86	61.83	30.85	68.08	6,749.12	1,307.27	612.08	519.46	92.63	6.608		
16,000.00	9,750.00	10,557.77	9,515.50	62.46	30.06	67.36	6,842.86	1,308.89	618.21	525.99	92.22	6.703		
16,100.00	9,750.00	10,460.41	9,504.20	63.10	29.32	66.77	6,939.84	1,311.24	624.55	532.65	91.90	6.796		
16,200.00	9,750.00	10,365.67	9,495.52	63.74	28.67	66.17	7,034.14	1,313.95	631.63	540.02	91.61	6.895		
16,300.00	9,750.00	10,260.13	9,487.12	64.38	28.02	65.65	7,139.28	1,317.75	638.95	547.47	91.49	6.984		
16,400.00	9,750.00	10,155.31	9,482.29	65.03	27.44	65.44	7,243.91	1,321.76	645.11	553.69	91.43	7.056		
16,500.00	9,750.00	10,055.00	9,478.99	65.68	26.96	65.34	7,344.08	1,325.60	650.73	559.33	91.40	7.119		
16,600.00	9,750.00	9,978.46	9,473.85	66.33	26.65	65.07	7,420.37	1,328.77	658.13	566.96	91.17	7.219		
16,700.00	9,750.00	9,888.67	9,460.10	66.98	26.33	64.15	7,509.00	1,332.13	668.83	577.77	91.07	7.344		
16,800.00	9,750.00	9,807.44	9,440.56	67.64	26.11	62.67	7,587.81	1,331.78	680.41	589.54	90.88	7.487		
16,900.00	9,750.00	9,751.00	9,422.84	68.29	25.99	61.37	7,641.38	1,331.95	697.04	606.78	90.26	7.723		
17,000.00	9,750.00	9,693.94	9,400.25	68.96	25.92	59.78	7,693.74	1,332.59	719.79	630.36	89.43	8.049		
17,100.00	9,750.00	9,640.43	9,374.03	69.62	25.88	57.99	7,740.37	1,333.27	749.21	660.81	88.40	8.475		
17,200.00	9,750.00	9,562.00	9,332.24	70.28	25.89	55.28	7,806.73	1,334.20	783.37	695.40	87.97	8.905		
17,300.00	9,750.00	9,500.84	9,298.27	70.95	25.93	53.21	7,857.57	1,335.01	821.07	733.85	87.22	9.414		
17,400.00	9,750.00	9,438.83	9,262.74	71.62	25.99	51.18	7,908.38	1,336.06	862.34	775.82	86.52	9.966		
17,500.00	9,750.00	9,374.00	9,223.12	72.29	26.05	49.04	7,959.68	1,336.97	907.85	821.94	85.91	10.568		
17,600.00	9,750.00	9,325.67	9,191.33	72.96	26.01	47.34	7,996.05	1,336.04	956.91	872.13	84.78	11.287		
17,700.00	9,750.00	9,280.00	9,159.19	73.64	25.98	45.59	8,028.27	1,332.41	1,009.44	925.81	83.63	12.070		
17,800.00	9,750.00	9,250.05	9,136.96	74.32	26.00	44.38	8,048.07	1,329.22	1,066.44	984.17	82.27	12.963		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
17,900.00	9,750.00	9,227.05	9,119.16	74.99	26.01	43.46	8,062.45	1,326.85	1,128.06	1,047.15	80.91	13.942	
18,000.00	9,750.00	9,186.00	9,085.97	75.67	26.04	41.81	8,086.24	1,322.81	1,194.28	1,114.42	79.86	14.955	
18,100.00	9,750.00	9,186.00	9,085.97	76.36	26.04	41.81	8,086.24	1,322.81	1,263.08	1,184.61	78.47	16.096	
18,200.00	9,750.00	9,186.00	9,085.97	77.04	26.04	41.81	8,086.24	1,322.81	1,335.84	1,258.62	77.21	17.301	
18,300.00	9,750.00	9,186.00	9,085.97	77.73	26.04	41.81	8,086.24	1,322.81	1,411.93	1,335.85	76.07	18.560	
18,400.00	9,750.00	9,146.73	9,052.55	78.41	26.04	40.28	8,106.61	1,319.70	1,488.72	1,413.35	75.37	19.752	
18,500.00	9,750.00	9,135.30	9,042.53	79.10	26.05	39.84	8,112.07	1,319.04	1,568.67	1,494.14	74.53	21.047	
18,600.00	9,750.00	9,092.00	9,003.51	79.79	26.05	38.27	8,130.76	1,317.52	1,651.93	1,577.93	74.01	22.321	
18,700.00	9,750.00	9,092.00	9,003.51	80.48	26.05	38.27	8,130.76	1,317.52	1,734.66	1,661.41	73.26	23.679	
18,800.00	9,750.00	9,092.00	9,003.51	81.17	26.05	38.27	8,130.76	1,317.52	1,819.13	1,746.54	72.58	25.062	
18,900.00	9,750.00	9,092.00	9,003.51	81.87	26.05	38.27	8,130.76	1,317.52	1,905.09	1,833.11	71.98	26.466	
19,000.00	9,750.00	9,092.00	9,003.51	82.56	26.05	38.27	8,130.76	1,317.52	1,992.37	1,920.93	71.45	27.886	
19,100.00	9,750.00	9,092.00	9,003.51	83.26	26.05	38.27	8,130.76	1,317.52	2,080.80	2,009.83	70.97	29.320	
19,200.00	9,750.00	9,092.00	9,003.51	83.96	26.05	38.27	8,130.76	1,317.52	2,170.23	2,099.68	70.54	30.765	
19,300.00	9,750.00	9,056.39	8,970.50	84.66	26.11	37.06	8,144.11	1,317.03	2,259.51	2,188.96	70.54	32.030	
19,400.00	9,750.00	9,047.02	8,961.73	85.36	26.13	36.75	8,147.39	1,316.94	2,350.01	2,279.72	70.29	33.433	
19,500.00	9,750.00	9,038.19	8,953.43	86.06	26.15	36.46	8,150.39	1,316.87	2,441.12	2,371.06	70.06	34.841	
19,600.00	9,750.00	8,998.00	8,915.26	86.76	26.22	35.18	8,162.96	1,316.73	2,533.59	2,463.41	70.18	36.101	
19,700.00	9,750.00	8,998.00	8,915.26	87.47	26.22	35.18	8,162.96	1,316.73	2,625.42	2,555.50	69.92	37.551	
19,800.00	9,750.00	8,998.00	8,915.26	88.17	26.22	35.18	8,162.96	1,316.73	2,717.82	2,648.14	69.68	39.005	
19,900.00	9,750.00	8,998.00	8,915.26	88.88	26.22	35.18	8,162.96	1,316.73	2,810.74	2,741.28	69.47	40.461	
20,000.00	9,750.00	8,998.00	8,915.26	89.58	26.22	35.18	8,162.96	1,316.73	2,904.13	2,834.86	69.28	41.919	
20,100.00	9,750.00	8,998.00	8,915.26	90.29	26.22	35.18	8,162.96	1,316.73	2,997.95	2,928.84	69.11	43.378	
20,200.00	9,750.00	8,998.00	8,915.26	91.00	26.22	35.18	8,162.96	1,316.73	3,092.16	3,023.19	68.96	44.837	
20,300.00	9,750.00	8,998.00	8,915.26	91.71	26.22	35.18	8,162.96	1,316.73	3,186.72	3,117.88	68.83	46.295	
20,400.00	9,750.00	8,998.00	8,915.26	92.42	26.22	35.18	8,162.96	1,316.73	3,281.60	3,212.88	68.72	47.753	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:				Offset Site Error:
Reference		Reference		Offset					Distance				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	19.10	0.00	0.00	-157.20	-1,682.95	-707.53	1,825.72				
100.00	100.00	80.90	100.00	0.28	1.50	-157.20	-1,682.95	-707.53	1,825.62	1,823.85	1.77	1,030.472	
200.00	200.00	180.90	200.00	0.63	3.34	-157.20	-1,682.95	-707.53	1,825.62	1,821.65	3.98	458.863	
300.00	300.00	280.90	300.00	0.99	5.19	-157.20	-1,682.95	-707.53	1,825.62	1,819.44	6.19	295.144	
400.00	400.00	380.90	400.00	1.35	7.04	-157.20	-1,682.95	-707.53	1,825.62	1,817.23	8.39	217.528	
470.08	470.08	450.86	469.96	1.60	8.33	-157.19	-1,682.63	-707.53	1,825.33	1,815.39	9.94	183.689	
500.00	500.00	479.36	498.45	1.71	8.86	-157.19	-1,682.64	-707.53	1,825.34	1,814.77	10.57	172.674	
600.00	600.00	574.59	593.68	2.07	10.62	-157.20	-1,682.86	-707.53	1,825.56	1,812.87	12.69	143.860	
700.00	700.00	680.92	700.00	2.43	12.59	-157.20	-1,682.95	-707.53	1,825.62	1,810.61	15.01	121.596	
800.00	800.00	780.92	800.00	2.79	14.44	-157.20	-1,682.95	-707.53	1,825.62	1,808.40	17.22	106.012	
862.49	862.49	843.38	862.46	3.01	15.59	-157.19	-1,682.41	-707.53	1,825.13	1,806.53	18.60	98.128	
900.00	900.00	879.81	898.89	3.14	16.26	-157.19	-1,682.42	-707.53	1,825.14	1,805.73	19.41	94.043	
1,000.00	1,000.00	976.93	996.01	3.50	18.06	-157.19	-1,682.57	-707.53	1,825.28	1,803.72	21.56	84.656	
1,100.00	1,100.00	1,074.06	1,093.14	3.86	19.85	-157.20	-1,682.88	-707.53	1,825.58	1,801.86	23.71	76.980	
1,200.00	1,200.00	1,180.93	1,200.00	4.22	21.83	-157.20	-1,682.95	-707.53	1,825.62	1,799.58	26.05	70.084	
1,300.00	1,300.00	1,280.93	1,300.00	4.58	23.68	-157.20	-1,682.95	-707.53	1,825.62	1,797.37	28.26	64.610	
1,362.59	1,362.59	1,343.51	1,362.58	4.80	24.84	-157.19	-1,682.39	-707.53	1,825.12	1,795.48	29.64	61.581	
1,400.00	1,400.00	1,379.87	1,398.93	4.94	25.51	-157.19	-1,682.41	-707.53	1,825.13	1,794.68	30.44	59.951	
1,500.00	1,500.00	1,477.05	1,496.11	5.29	27.30	-157.19	-1,682.55	-707.53	1,825.26	1,792.66	32.60	55.992	
1,600.00	1,600.00	1,574.24	1,593.30	5.65	29.10	-157.20	-1,682.86	-707.53	1,825.55	1,790.80	34.75	52.529	
1,700.00	1,700.00	1,680.95	1,700.00	6.01	31.07	-157.20	-1,682.95	-707.53	1,825.62	1,788.54	37.08	49.229	
1,716.23	1,716.23	1,696.74	1,715.79	6.07	31.36	-157.20	-1,682.74	-707.53	1,825.43	1,788.00	37.43	48.763	
1,800.00	1,800.00	1,774.50	1,793.55	6.37	32.80	-157.20	-1,682.90	-707.53	1,825.59	1,786.42	39.17	46.604	
1,900.00	1,900.00	1,880.96	1,900.00	6.73	34.72	-157.20	-1,682.95	-707.53	1,825.62	1,784.17	41.45	44.041	
2,000.00	2,000.00	1,980.96	2,000.00	7.09	36.52	-157.20	-1,682.95	-707.53	1,825.62	1,782.01	43.61	41.862	
2,065.85	2,065.85	2,046.80	2,065.84	7.32	37.71	-157.19	-1,682.38	-707.53	1,825.10	1,780.07	45.03	40.529	CC
2,100.00	2,100.00	2,080.02	2,099.05	7.45	38.31	-157.19	-1,682.39	-707.53	1,825.11	1,779.36	45.75	39.892	
2,200.00	2,200.00	2,177.28	2,196.31	7.80	40.06	140.34	-1,682.52	-707.53	1,825.57	1,777.71	47.86	38.146	ES
2,300.00	2,299.93	2,274.47	2,293.51	8.15	41.81	140.37	-1,682.81	-707.53	1,828.54	1,778.58	49.96	36.602	
2,400.00	2,399.68	2,380.65	2,399.68	8.50	43.72	140.44	-1,682.95	-707.53	1,834.03	1,781.81	52.22	35.121	
2,500.00	2,499.13	2,480.10	2,499.13	8.85	45.51	140.55	-1,682.95	-707.53	1,842.11	1,787.75	54.36	33.885	
2,600.00	2,598.29	2,578.97	2,597.99	9.21	47.29	140.77	-1,682.67	-707.53	1,851.91	1,795.41	56.50	32.779	
2,700.00	2,697.43	2,676.67	2,695.70	9.56	49.05	141.02	-1,682.73	-707.53	1,862.13	1,803.52	58.61	31.773	
2,800.00	2,796.58	2,774.36	2,793.39	9.92	50.81	141.27	-1,682.87	-707.53	1,872.46	1,811.74	60.72	30.837	
2,900.00	2,895.72	2,876.70	2,895.72	10.27	52.75	141.52	-1,682.95	-707.53	1,882.76	1,819.75	63.01	29.879	
3,000.00	2,994.86	2,975.85	2,994.86	10.63	54.67	141.77	-1,682.95	-707.53	1,893.03	1,827.74	65.30	28.992	
3,100.00	3,094.01	3,073.78	3,092.80	10.98	56.58	142.01	-1,682.46	-707.53	1,902.90	1,835.35	67.56	28.168	
3,200.00	3,193.15	3,169.72	3,188.74	11.34	58.44	142.24	-1,682.62	-707.53	1,913.39	1,843.61	69.78	27.421	
3,300.00	3,292.30	3,273.32	3,292.30	11.70	60.47	142.48	-1,682.95	-707.53	1,924.05	1,851.89	72.16	26.663	
3,400.00	3,391.44	3,372.46	3,391.44	12.06	62.51	142.72	-1,682.95	-707.53	1,934.46	1,859.89	74.56	25.944	
3,500.00	3,490.58	3,471.61	3,490.58	12.42	64.55	142.95	-1,682.95	-707.53	1,944.89	1,867.93	76.96	25.270	
3,600.00	3,589.73	3,568.84	3,587.80	12.78	66.56	143.19	-1,681.78	-707.53	1,954.32	1,874.99	79.33	24.636	
3,700.00	3,688.87	3,662.66	3,681.62	13.14	68.49	143.40	-1,682.03	-707.53	1,965.05	1,883.43	81.62	24.076	
3,800.00	3,788.02	3,756.46	3,775.41	13.50	70.42	143.61	-1,682.55	-707.53	1,976.08	1,892.17	83.91	23.550	
3,900.00	3,887.16	3,868.27	3,887.16	13.86	72.66	143.86	-1,682.95	-707.53	1,986.95	1,900.44	86.52	22.966	
4,000.00	3,986.30	3,967.41	3,986.30	14.23	74.61	144.08	-1,682.95	-707.53	1,997.54	1,908.72	88.82	22.490	
4,100.00	4,085.45	4,065.87	4,084.76	14.59	76.54	144.31	-1,681.86	-707.53	2,007.19	1,916.08	91.11	22.030	
4,200.00	4,184.59	4,159.16	4,178.04	14.95	78.37	144.51	-1,682.05	-707.53	2,018.02	1,924.72	93.30	21.629	
4,300.00	4,283.74	4,252.42	4,271.30	15.31	80.19	144.70	-1,682.54	-707.53	2,029.16	1,933.67	95.49	21.250	
4,400.00	4,382.88	4,364.03	4,382.88	15.68	82.35	144.93	-1,682.95	-707.53	2,040.18	1,942.17	98.01	20.816	
4,500.00	4,482.02	4,463.17	4,482.02	16.04	84.24	145.14	-1,682.95	-707.53	2,050.92	1,950.65	100.26	20.456	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		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	
4,600.00	4,581.17	4,562.32	4,581.17	16.40	86.12	145.35	-1,682.95	-707.53	2,061.67	1,959.16	102.51	20.112	
4,700.00	4,680.31	4,659.66	4,678.51	16.77	87.98	145.56	-1,682.35	-707.53	2,071.93	1,967.20	104.73	19.784	
4,800.00	4,779.46	4,756.15	4,774.99	17.13	89.81	145.75	-1,682.51	-707.53	2,082.89	1,975.96	106.93	19.480	
4,900.00	4,878.60	4,852.62	4,871.46	17.49	91.65	145.95	-1,682.82	-707.53	2,094.00	1,984.87	109.13	19.189	
5,000.00	4,977.74	4,958.93	4,977.74	17.86	93.67	146.16	-1,682.95	-707.53	2,104.96	1,993.44	111.52	18.876	
5,100.00	5,076.89	5,058.07	5,076.89	18.22	95.56	146.35	-1,682.95	-707.53	2,115.84	2,002.08	113.77	18.598	
5,200.00	5,176.03	5,152.18	5,170.99	18.59	97.35	146.54	-1,682.43	-707.53	2,126.31	2,010.39	115.92	18.343	
5,300.00	5,275.18	5,245.34	5,264.14	18.95	99.13	146.72	-1,682.84	-707.53	2,137.62	2,019.56	118.06	18.107	
5,400.00	5,374.32	5,355.53	5,374.32	19.32	101.28	146.93	-1,682.95	-707.53	2,148.65	2,028.06	120.58	17.819	
5,500.00	5,473.47	5,454.67	5,473.47	19.68	103.23	147.12	-1,682.95	-707.53	2,159.63	2,036.73	122.89	17.573	
5,600.00	5,572.61	5,553.82	5,572.61	20.05	105.17	147.31	-1,682.95	-707.53	2,170.63	2,045.43	125.20	17.337	
5,700.00	5,671.75	5,651.16	5,669.95	20.41	107.08	147.50	-1,682.28	-707.53	2,181.08	2,053.61	127.48	17.109	
5,800.00	5,770.90	5,747.80	5,766.59	20.78	108.98	147.67	-1,682.44	-707.53	2,192.27	2,062.53	129.74	16.898	
5,900.00	5,870.04	5,844.43	5,863.21	21.15	110.88	147.84	-1,682.72	-707.53	2,203.59	2,071.59	132.00	16.694	
6,000.00	5,969.19	5,950.45	5,969.19	21.51	112.99	148.03	-1,682.95	-707.53	2,214.87	2,080.38	134.48	16.470	
6,100.00	6,068.33	6,049.59	6,068.33	21.88	115.00	148.21	-1,682.95	-707.53	2,225.98	2,089.12	136.86	16.265	
6,200.00	6,167.47	6,147.54	6,166.27	22.24	116.98	148.40	-1,681.94	-707.53	2,236.26	2,097.05	139.20	16.064	
6,300.00	6,266.62	6,239.99	6,258.71	22.61	118.85	148.56	-1,682.16	-707.53	2,247.61	2,106.18	141.44	15.891	
6,400.00	6,365.76	6,332.40	6,351.12	22.98	120.73	148.71	-1,682.70	-707.53	2,259.29	2,115.62	143.67	15.726	
6,500.00	6,464.91	6,446.22	6,464.91	23.34	123.09	148.90	-1,682.95	-707.53	2,270.64	2,124.23	146.41	15.509	
6,600.00	6,564.05	6,545.37	6,564.05	23.71	125.16	149.07	-1,682.95	-707.53	2,281.86	2,133.01	148.85	15.330	
6,700.00	6,663.19	6,644.51	6,663.19	24.08	127.23	149.24	-1,682.95	-707.53	2,293.09	2,141.80	151.29	15.157	
6,800.00	6,762.34	6,740.12	6,758.79	24.44	129.23	149.41	-1,682.05	-707.53	2,303.59	2,149.94	153.65	14.992	
6,900.00	6,861.48	6,835.15	6,853.82	24.81	131.22	149.57	-1,682.32	-707.53	2,315.10	2,159.10	156.00	14.840	
7,000.00	6,960.63	6,930.16	6,948.82	25.18	133.21	149.71	-1,682.80	-707.53	2,326.81	2,168.46	158.35	14.694	
7,100.00	7,059.77	7,041.18	7,059.77	25.54	135.60	149.89	-1,682.95	-707.53	2,338.22	2,177.10	161.12	14.513	
7,200.00	7,158.91	7,140.32	7,158.91	25.91	137.74	150.05	-1,682.95	-707.53	2,349.55	2,185.92	163.63	14.359	
7,300.00	7,258.06	7,237.92	7,256.50	26.28	139.85	150.23	-1,681.51	-707.53	2,359.69	2,193.58	166.11	14.206	
7,400.00	7,357.20	7,329.59	7,348.16	26.64	141.84	150.37	-1,681.75	-707.53	2,371.27	2,202.82	168.45	14.077	
7,500.00	7,456.35	7,421.22	7,439.78	27.01	143.82	150.50	-1,682.34	-707.53	2,383.19	2,212.40	170.79	13.954	
7,600.00	7,555.49	7,537.00	7,555.49	27.38	146.33	150.67	-1,682.95	-707.53	2,395.03	2,221.35	173.68	13.790	
7,700.00	7,654.63	7,636.15	7,654.63	27.75	148.48	150.83	-1,682.95	-707.53	2,406.45	2,230.24	176.20	13.657	
7,800.00	7,753.78	7,735.10	7,753.58	28.11	150.63	150.99	-1,681.86	-707.53	2,416.98	2,238.26	178.72	13.524	
7,900.00	7,852.92	7,827.70	7,846.17	28.48	152.64	151.13	-1,682.02	-707.53	2,428.57	2,247.47	181.09	13.411	
8,000.00	7,952.07	7,920.27	7,938.74	28.85	154.65	151.26	-1,682.48	-707.53	2,440.44	2,256.98	183.46	13.302	
8,100.00	8,051.21	8,032.82	8,051.21	29.22	157.06	151.42	-1,682.95	-707.53	2,452.27	2,266.02	186.26	13.166	
8,200.00	8,150.35	8,131.96	8,150.35	29.58	159.15	151.57	-1,682.95	-707.53	2,463.77	2,275.05	188.71	13.056	
8,300.00	8,249.50	8,226.52	8,244.89	29.95	161.15	151.72	-1,681.88	-707.53	2,474.41	2,283.34	191.07	12.950	
8,400.00	8,348.64	8,315.87	8,334.24	30.32	163.03	151.84	-1,682.30	-707.53	2,486.31	2,293.00	193.31	12.862	
8,500.00	8,447.79	8,429.46	8,447.79	30.69	165.42	151.99	-1,682.95	-707.53	2,498.35	2,302.26	196.09	12.741	
8,600.00	8,546.93	8,528.62	8,546.93	31.06	167.53	152.13	-1,682.95	-707.53	2,509.90	2,311.34	198.56	12.640	
8,700.00	8,646.07	8,627.77	8,646.07	31.42	169.69	152.27	-1,682.95	-707.53	2,521.47	2,320.38	201.09	12.539	
8,800.00	8,745.22	8,726.91	8,745.22	31.79	171.86	152.41	-1,682.95	-707.53	2,533.06	2,329.43	203.62	12.440	
8,900.00	8,844.36	8,823.29	8,841.58	32.16	173.96	152.56	-1,681.44	-707.53	2,543.43	2,337.33	206.09	12.341	
9,000.00	8,943.51	8,915.03	8,933.32	32.53	175.96	152.68	-1,681.72	-707.53	2,555.29	2,346.84	208.45	12.258	
9,100.00	9,042.65	9,006.74	9,025.02	32.90	177.96	153.98	-1,682.33	-707.53	2,567.46	2,356.65	210.81	12.179	
9,200.00	9,141.96	9,123.76	9,141.96	33.26	180.56	-173.02	-1,682.95	-707.53	2,579.25	2,365.46	213.79	12.064	
9,300.00	9,241.23	9,223.03	9,241.23	33.62	182.80	-143.80	-1,682.95	-707.53	2,590.12	2,373.72	216.39	11.969	
9,400.00	9,338.38	9,317.52	9,335.71	33.97	184.94	-142.94	-1,682.02	-707.53	2,608.15	2,389.26	218.88	11.916	SF
9,500.00	9,430.04	9,401.76	9,419.95	34.31	186.84	-141.29	-1,682.27	-707.53	2,640.71	2,419.59	221.12	11.942	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:				Offset Site Error:	
302-INC-ONLY												0.00 usft	
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
9,600.00	9,513.42	9,478.06	9,496.24	34.62	188.56	-138.64	-1,682.74	-707.53	2,686.30	2,463.14	223.16	12.038	
9,700.00	9,585.99	9,561.15	9,579.24	34.89	190.44	-134.86	-1,682.65	-707.53	2,743.05	2,517.73	225.32	12.174	
9,800.00	9,645.53	9,627.46	9,645.53	35.10	191.94	-129.20	-1,682.95	-707.53	2,810.41	2,583.36	227.05	12.378	
9,900.00	9,690.25	9,672.18	9,690.25	35.27	192.96	-120.74	-1,682.95	-707.53	2,885.95	2,657.73	228.22	12.646	
10,000.00	9,719.27	9,701.20	9,719.27	35.42	193.61	-111.11	-1,682.95	-707.53	2,967.65	2,738.68	228.97	12.961	
10,100.00	9,738.00	9,719.93	9,738.00	35.59	194.04	-104.12	-1,682.95	-707.53	3,052.43	2,822.98	229.45	13.303	
10,200.00	9,748.11	9,730.03	9,748.11	35.75	194.27	-95.94	-1,682.95	-707.53	3,139.08	2,909.37	229.71	13.665	
10,300.00	9,750.01	9,731.93	9,750.01	35.92	194.31	-90.00	-1,682.95	-707.53	3,226.93	2,997.16	229.76	14.044	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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

Offset Well Error: 0.00 usft

Survey Program: 455-INC-ONLY		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance				Warning
Measured Reference Depth (usft)	Vertical Reference Depth (usft)	Measured Offset Depth (usft)	Vertical Offset Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
21,000.00	9,750.00	9,834.06	9,750.00	96.71	211.57	90.00	15,110.75	780.12	3,235.36	2,982.10	253.25	12.775	
21,100.00	9,750.00	9,834.06	9,750.00	97.43	211.57	90.00	15,110.75	780.12	3,135.42	2,882.07	253.35	12.376	
21,200.00	9,750.00	9,834.06	9,750.00	98.14	211.57	90.00	15,110.75	780.12	3,035.48	2,782.03	253.45	11.977	
21,300.00	9,750.00	9,834.06	9,750.00	98.86	211.57	90.00	15,110.75	780.12	2,935.55	2,682.00	253.55	11.578	
21,400.00	9,750.00	9,834.06	9,750.00	99.58	211.57	90.00	15,110.75	780.12	2,835.62	2,581.97	253.65	11.179	
21,500.00	9,750.00	9,834.06	9,750.00	100.30	211.57	90.00	15,110.75	780.12	2,735.70	2,481.95	253.76	10.781	
21,600.00	9,750.00	9,834.06	9,750.00	101.02	211.57	90.00	15,110.75	780.12	2,635.79	2,381.93	253.86	10.383	
21,700.00	9,750.00	9,834.06	9,750.00	101.74	211.57	90.00	15,110.75	780.12	2,535.88	2,281.91	253.97	9.985	
21,800.00	9,750.00	9,834.06	9,750.00	102.47	211.57	90.00	15,110.75	780.12	2,435.98	2,181.91	254.07	9.588	
21,900.00	9,750.00	9,834.06	9,750.00	103.19	211.57	90.00	15,110.75	780.12	2,336.09	2,081.90	254.18	9.191	
22,000.00	9,750.00	9,834.06	9,750.00	103.91	211.57	90.00	15,110.75	780.12	2,236.20	1,981.91	254.29	8.794	
22,100.00	9,750.00	9,885.00	9,800.72	104.64	213.64	114.62	15,110.75	780.12	2,136.93	1,880.59	256.35	8.336	
22,200.00	9,750.00	9,885.00	9,800.72	105.36	213.64	114.62	15,110.75	780.12	2,037.11	1,780.65	256.46	7.943	
22,300.00	9,750.00	9,885.00	9,800.72	106.09	213.64	114.62	15,110.75	780.12	1,937.29	1,680.72	256.57	7.551	
22,400.00	9,750.00	9,834.06	9,750.00	106.81	211.57	90.00	15,110.75	780.12	1,836.80	1,582.03	254.77	7.210	
22,500.00	9,750.00	9,901.02	9,816.91	107.54	214.30	121.16	15,110.19	780.12	1,737.72	1,480.32	257.40	6.751	
22,600.00	9,750.00	9,880.95	9,796.86	108.27	213.48	112.95	15,110.86	780.12	1,637.99	1,381.22	256.78	6.379	
22,700.00	9,750.00	9,869.08	9,785.01	109.00	212.99	107.55	15,111.17	780.12	1,538.27	1,281.80	256.47	5.998	
22,800.00	9,750.00	9,861.24	9,777.17	109.73	212.67	103.79	15,111.33	780.12	1,438.57	1,182.23	256.33	5.612	
22,900.00	9,750.00	9,855.67	9,771.61	110.45	212.45	101.05	15,111.43	780.12	1,338.90	1,082.61	256.30	5.224	
23,000.00	9,750.00	9,851.51	9,767.45	111.18	212.28	98.96	15,111.49	780.12	1,239.28	982.95	256.33	4.835	
23,100.00	9,750.00	9,848.29	9,764.24	111.91	212.15	97.33	15,111.54	780.12	1,139.72	883.29	256.44	4.444	
23,200.00	9,750.00	9,845.72	9,761.67	112.64	212.04	96.02	15,111.57	780.12	1,040.25	783.64	256.61	4.054	
23,300.00	9,750.00	9,843.62	9,759.57	113.38	211.96	94.94	15,111.59	780.12	940.88	684.02	256.86	3.663	
23,400.00	9,750.00	9,841.88	9,757.83	114.11	211.88	94.04	15,111.61	780.12	841.66	584.43	257.23	3.272	
23,500.00	9,750.00	9,840.40	9,756.35	114.84	211.82	93.28	15,111.62	780.12	742.65	484.89	257.76	2.881	
23,600.00	9,750.00	9,839.14	9,755.09	115.57	211.77	92.63	15,111.63	780.12	643.95	385.38	258.56	2.490	
23,700.00	9,750.00	9,838.05	9,754.00	116.31	211.73	92.07	15,111.64	780.12	545.71	285.88	259.83	2.100	
23,800.00	9,750.00	9,837.09	9,753.04	117.04	211.69	91.57	15,111.65	780.12	448.25	186.27	261.97	1.711	
23,900.00	9,750.00	9,836.25	9,752.20	117.77	211.65	91.14	15,111.65	780.12	352.21	86.27	265.94	1.324	Level 3
24,000.00	9,750.00	9,835.50	9,751.45	118.51	211.62	90.75	15,111.66	780.12	259.19	-14.91	274.10	0.946	Level 1
24,100.00	9,750.00	9,834.83	9,750.79	119.24	211.60	90.41	15,111.66	780.12	174.08	-118.47	292.56	0.595	Level 1
24,200.00	9,750.00	9,834.23	9,750.18	119.98	211.57	90.09	15,111.66	780.12	115.89	-209.98	325.86	0.356	Level 1
24,234.37	9,750.00	9,834.04	9,749.99	120.23	211.56	89.99	15,111.66	780.12	110.67	-221.07	331.74	0.303	Level 1, CC, ES, SF
24,300.00	9,750.00	9,833.69	9,749.64	120.71	211.55	89.81	15,111.67	780.12	128.66	-190.93	319.59	0.403	Level 1
24,400.00	9,750.00	9,833.19	9,749.15	121.45	211.53	89.56	15,111.67	780.12	199.19	-92.15	291.34	0.684	Level 1
24,500.00	9,750.00	9,832.74	9,748.70	122.19	211.51	89.32	15,111.67	780.12	287.75	10.81	276.95	1.039	Level 2
24,600.00	9,750.00	9,832.33	9,748.28	122.92	211.49	89.11	15,111.67	780.12	382.00	112.01	269.99	1.415	Level 3
24,700.00	9,750.00	9,831.95	9,747.90	123.66	211.48	88.91	15,111.67	780.12	478.59	212.31	266.28	1.797	
24,800.00	9,750.00	9,831.60	9,747.55	124.40	211.47	88.73	15,111.68	780.12	576.34	312.23	264.11	2.182	
24,900.00	9,750.00	9,831.27	9,747.23	125.14	211.45	88.56	15,111.68	780.12	674.75	412.00	262.75	2.568	
25,000.00	9,750.00	9,830.97	9,746.93	125.88	211.44	88.41	15,111.68	780.12	773.57	511.70	261.87	2.954	
25,100.00	9,750.00	9,830.69	9,746.65	126.62	211.43	88.26	15,111.68	780.12	872.66	611.39	261.27	3.340	
25,200.00	9,750.00	9,830.43	9,746.38	127.36	211.42	88.13	15,111.68	780.12	971.93	711.08	260.85	3.726	
25,300.00	9,750.00	9,830.18	9,746.14	128.09	211.41	88.00	15,111.68	780.12	1,071.34	810.78	260.56	4.112	
25,400.00	9,750.00	9,829.95	9,745.91	128.84	211.40	87.88	15,111.68	780.12	1,170.85	910.49	260.36	4.497	
25,500.00	9,750.00	9,829.74	9,745.69	129.58	211.39	87.77	15,111.68	780.12	1,270.44	1,010.21	260.23	4.882	
25,600.00	9,750.00	9,829.54	9,745.49	130.32	211.38	87.67	15,111.68	780.12	1,370.09	1,109.95	260.14	5.267	
25,700.00	9,750.00	9,829.35	9,745.30	131.06	211.37	87.57	15,111.68	780.12	1,469.78	1,209.70	260.08	5.651	
25,800.00	9,750.00	9,829.17	9,745.12	131.80	211.37	87.47	15,111.69	780.12	1,569.51	1,309.46	260.06	6.035	
25,900.00	9,750.00	9,828.99	9,744.95	132.54	211.36	87.39	15,111.69	780.12	1,669.28	1,409.22	260.06	6.419	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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

Offset Well Error: 0.00 usft

Survey Program: 455-INC-ONLY		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Reference	Measured	Reference	Offset	Reference	Offset		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)								
26,000.00	9,750.00	9,828.83	9,744.79	133.28	211.35	87.30	15,111.69	780.12	1,769.07	1,509.00	260.07	6.802	
26,100.00	9,750.00	9,828.68	9,744.64	134.02	211.35	87.22	15,111.69	780.12	1,868.89	1,608.79	260.10	7.185	
26,200.00	9,750.00	9,828.53	9,744.49	134.77	211.34	87.15	15,111.69	780.12	1,968.72	1,708.58	260.14	7.568	
26,300.00	9,750.00	9,828.39	9,744.35	135.51	211.33	87.08	15,111.69	780.12	2,068.57	1,808.37	260.19	7.950	
26,400.00	9,750.00	9,828.26	9,744.22	136.25	211.33	87.01	15,111.69	780.12	2,168.43	1,908.18	260.26	8.332	
26,500.00	9,750.00	9,828.14	9,744.09	137.00	211.32	86.94	15,111.69	780.12	2,268.31	2,007.98	260.32	8.713	
26,600.00	9,750.00	9,828.02	9,743.97	137.74	211.32	86.88	15,111.69	780.12	2,368.19	2,107.80	260.40	9.095	
26,700.00	9,750.00	9,827.90	9,743.86	138.49	211.31	86.82	15,111.69	780.12	2,468.09	2,207.61	260.48	9.475	
26,800.00	9,750.00	9,827.79	9,743.75	139.23	211.31	86.77	15,111.69	780.12	2,567.99	2,307.43	260.56	9.856	
26,900.00	9,750.00	9,827.69	9,743.64	139.97	211.31	86.71	15,111.69	780.12	2,667.90	2,407.25	260.65	10.236	
27,000.00	9,750.00	9,827.59	9,743.54	140.72	211.30	86.66	15,111.69	780.12	2,767.82	2,507.08	260.74	10.615	
27,100.00	9,750.00	9,827.49	9,743.45	141.46	211.30	86.61	15,111.69	780.12	2,867.74	2,606.90	260.84	10.994	
27,200.00	9,750.00	9,827.40	9,743.35	142.21	211.29	86.56	15,111.69	780.12	2,967.67	2,706.73	260.94	11.373	
27,300.00	9,750.00	9,827.31	9,743.27	142.96	211.29	86.52	15,111.69	780.12	3,067.60	2,806.56	261.04	11.752	
27,400.00	9,750.00	9,827.22	9,743.18	143.70	211.29	86.47	15,111.69	780.12	3,167.54	2,906.40	261.14	12.130	
27,500.00	9,750.00	9,827.14	9,743.10	144.45	211.28	86.43	15,111.69	780.12	3,267.48	3,006.23	261.25	12.507	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
23,000.00	9,750.00	9,828.39	9,750.00	111.18	213.20	-90.00	16,752.33	-888.62	3,275.86	2,995.15	280.71	11.670	
23,100.00	9,750.00	9,828.39	9,750.00	111.91	213.20	-90.00	16,752.33	-888.62	3,188.01	2,905.96	282.05	11.303	
23,200.00	9,750.00	9,828.39	9,750.00	112.64	213.20	-90.00	16,752.33	-888.62	3,100.90	2,817.43	283.48	10.939	
23,300.00	9,750.00	9,828.39	9,750.00	113.38	213.20	-90.00	16,752.33	-888.62	3,014.60	2,729.61	284.98	10.578	
23,400.00	9,750.00	9,828.39	9,750.00	114.11	213.20	-90.00	16,752.33	-888.62	2,929.16	2,642.58	286.57	10.221	
23,500.00	9,750.00	9,828.39	9,750.00	114.84	213.20	-90.00	16,752.33	-888.62	2,844.67	2,556.41	288.26	9.868	
23,600.00	9,750.00	9,828.39	9,750.00	115.57	213.20	-90.00	16,752.33	-888.62	2,761.22	2,471.18	290.04	9.520	
23,700.00	9,750.00	9,828.39	9,750.00	116.31	213.20	-90.00	16,752.33	-888.62	2,678.90	2,386.97	291.93	9.177	
23,800.00	9,750.00	9,828.39	9,750.00	117.04	213.20	-90.00	16,752.33	-888.62	2,597.82	2,303.90	293.92	8.838	
23,900.00	9,750.00	9,828.39	9,750.00	117.77	213.20	-90.00	16,752.33	-888.62	2,518.11	2,222.08	296.03	8.506	
24,000.00	9,750.00	9,828.39	9,750.00	118.51	213.20	-90.00	16,752.33	-888.62	2,439.89	2,141.64	298.25	8.181	
24,100.00	9,750.00	9,828.39	9,750.00	119.24	213.20	-90.00	16,752.33	-888.62	2,363.31	2,062.72	300.59	7.862	
24,200.00	9,750.00	9,828.39	9,750.00	119.98	213.20	-90.00	16,752.33	-888.62	2,288.54	1,985.48	303.05	7.552	
24,300.00	9,750.00	9,828.39	9,750.00	120.71	213.20	-90.00	16,752.33	-888.62	2,215.76	1,910.12	305.63	7.250	
24,400.00	9,750.00	9,887.11	9,808.65	121.45	215.49	-92.18	16,750.72	-888.62	2,144.87	1,834.14	310.72	6.903	
24,500.00	9,750.00	9,881.22	9,802.78	122.19	215.26	-91.96	16,750.95	-888.62	2,076.76	1,763.46	313.30	6.629	
24,600.00	9,750.00	9,875.73	9,797.30	122.92	215.05	-91.75	16,751.16	-888.62	2,011.31	1,695.31	316.00	6.365	
24,700.00	9,750.00	9,870.61	9,792.18	123.66	214.85	-91.56	16,751.34	-888.62	1,948.78	1,629.99	318.79	6.113	
24,800.00	9,750.00	9,865.81	9,787.38	124.40	214.66	-91.39	16,751.51	-888.62	1,889.47	1,567.81	321.66	5.874	
24,900.00	9,750.00	9,861.30	9,782.88	125.14	214.48	-91.22	16,751.66	-888.62	1,833.69	1,509.11	324.58	5.649	
25,000.00	9,750.00	9,857.07	9,778.65	125.88	214.32	-91.06	16,751.80	-888.62	1,781.78	1,454.26	327.52	5.440	
25,100.00	9,750.00	9,853.08	9,774.67	126.62	214.16	-90.92	16,751.93	-888.62	1,734.07	1,403.65	330.42	5.248	
25,200.00	9,750.00	9,849.31	9,770.91	127.36	214.02	-90.78	16,752.05	-888.62	1,690.93	1,357.69	333.24	5.074	
25,300.00	9,750.00	9,845.76	9,767.36	128.09	213.88	-90.64	16,752.15	-888.62	1,652.72	1,316.79	335.92	4.920	
25,400.00	9,750.00	9,842.39	9,763.99	128.84	213.75	-90.52	16,752.25	-888.62	1,619.78	1,281.37	338.40	4.787	
25,500.00	9,750.00	9,839.20	9,760.80	129.58	213.62	-90.40	16,752.34	-888.62	1,592.44	1,251.82	340.61	4.675	
25,600.00	9,750.00	9,836.17	9,757.78	130.32	213.50	-90.29	16,752.43	-888.62	1,571.00	1,228.50	342.49	4.587	
25,700.00	9,750.00	9,833.29	9,754.90	131.06	213.39	-90.18	16,752.51	-888.62	1,555.69	1,211.70	343.99	4.523	
25,800.00	9,750.00	9,830.55	9,752.16	131.80	213.28	-90.08	16,752.58	-888.62	1,546.71	1,201.66	345.05	4.483	
25,889.41	9,750.00	9,828.20	9,749.82	132.46	213.19	-89.99	16,752.64	-888.62	1,544.13	1,198.52	345.60	4.468	CC
25,900.00	9,750.00	9,827.93	9,749.55	132.54	213.18	-89.98	16,752.65	-888.62	1,544.16	1,198.52	345.64	4.468	ES, SF
26,000.00	9,750.00	9,825.44	9,747.06	133.28	213.08	-89.89	16,752.71	-888.62	1,548.08	1,202.32	345.76	4.477	
26,100.00	9,750.00	9,823.06	9,744.69	134.02	212.99	-89.80	16,752.77	-888.62	1,558.41	1,213.01	345.40	4.512	
26,200.00	9,750.00	9,820.79	9,742.41	134.77	212.90	-89.72	16,752.82	-888.62	1,575.03	1,230.44	344.59	4.571	
26,300.00	9,750.00	9,818.61	9,740.24	135.51	212.82	-89.64	16,752.87	-888.62	1,597.75	1,254.38	343.37	4.653	
26,400.00	9,750.00	9,816.53	9,738.16	136.25	212.74	-89.56	16,752.92	-888.62	1,626.30	1,284.52	341.79	4.758	
26,500.00	9,750.00	9,814.53	9,736.16	137.00	212.66	-89.49	16,752.97	-888.62	1,660.40	1,320.50	339.90	4.885	
26,600.00	9,750.00	9,812.61	9,734.24	137.74	212.58	-89.42	16,753.01	-888.62	1,699.70	1,361.93	337.77	5.032	
26,700.00	9,750.00	9,810.77	9,732.40	138.49	212.51	-89.35	16,753.05	-888.62	1,743.85	1,408.40	335.45	5.198	
26,800.00	9,750.00	9,809.00	9,730.64	139.23	212.44	-89.28	16,753.09	-888.62	1,792.50	1,459.49	333.01	5.383	
26,900.00	9,750.00	9,807.30	9,728.93	139.97	212.38	-89.22	16,753.12	-888.62	1,845.28	1,514.80	330.48	5.584	
27,000.00	9,750.00	9,805.66	9,727.30	140.72	212.31	-89.16	16,753.16	-888.62	1,901.86	1,573.94	327.92	5.800	
27,100.00	9,750.00	9,804.08	9,725.72	141.46	212.25	-89.10	16,753.19	-888.62	1,961.91	1,636.55	325.37	6.030	
27,200.00	9,750.00	9,802.56	9,724.20	142.21	212.19	-89.04	16,753.22	-888.62	2,025.12	1,702.28	322.83	6.273	
27,300.00	9,750.00	9,801.09	9,722.73	142.96	212.13	-88.99	16,753.25	-888.62	2,091.19	1,770.84	320.36	6.528	
27,400.00	9,750.00	9,799.67	9,721.32	143.70	212.08	-88.94	16,753.27	-888.62	2,159.88	1,841.93	317.95	6.793	
27,500.00	9,750.00	9,798.31	9,719.95	144.45	212.03	-88.89	16,753.30	-888.62	2,230.94	1,915.32	315.62	7.068	
27,600.00	9,750.00	9,796.98	9,718.63	145.19	211.97	-88.84	16,753.32	-888.62	2,304.14	1,990.75	313.39	7.352	
27,700.00	9,750.00	9,795.71	9,717.35	145.94	211.92	-88.79	16,753.35	-888.62	2,379.29	2,068.05	311.25	7.644	
27,800.00	9,750.00	9,794.47	9,716.12	146.69	211.88	-88.74	16,753.37	-888.62	2,456.22	2,147.02	309.20	7.944	
27,900.00	9,750.00	9,793.27	9,714.92	147.44	211.83	-88.70	16,753.39	-888.62	2,534.75	2,227.49	307.26	8.250	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		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	
28,000.00	9,750.00	9,792.11	9,713.76	148.18	211.78	-88.66	16,753.41	-888.62	2,614.76	2,309.34	305.42	8.561	0.00 usft	
28,100.00	9,750.00	9,790.99	9,712.64	148.93	211.74	-88.61	16,753.43	-888.62	2,696.09	2,392.42	303.67	8.878	0.00 usft	
28,200.00	9,750.00	9,789.90	9,711.55	149.68	211.70	-88.57	16,753.45	-888.62	2,778.64	2,476.63	302.02	9.200		
28,300.00	9,750.00	9,788.85	9,710.50	150.43	211.66	-88.53	16,753.46	-888.62	2,862.31	2,561.85	300.46	9.527		
28,400.00	9,750.00	9,787.82	9,709.47	151.17	211.62	-88.50	16,753.48	-888.62	2,946.99	2,648.01	298.98	9.857		
28,500.00	9,750.00	9,786.83	9,708.48	151.92	211.58	-88.46	16,753.50	-888.62	3,032.61	2,735.02	297.59	10.191		
28,600.00	9,750.00	9,785.86	9,707.51	152.67	211.54	-88.42	16,753.51	-888.62	3,119.08	2,822.81	296.28	10.528		
28,700.00	9,750.00	9,784.92	9,706.58	153.42	211.50	-88.39	16,753.53	-888.62	3,206.34	2,911.30	295.04	10.868		
28,800.00	9,750.00	9,784.01	9,705.66	154.17	211.47	-88.36	16,753.54	-888.62	3,294.32	3,000.45	293.87	11.210		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 26 004 - P&A - OH - OH

Survey Program:		100-INC-ONLY		Reference			Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
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	Offset Well Error:				
26,100.00	9,750.00	9,829.11	9,750.00	134.02	215.56	-90.00	17,735.73	-2,563.28	3,305.37	2,958.37	347.00	9.526		0.00 usft				
26,200.00	9,750.00	9,829.11	9,750.00	134.77	215.56	-90.00	17,735.73	-2,563.28	3,283.01	2,934.61	348.40	9.423		0.00 usft				
26,300.00	9,750.00	9,829.11	9,750.00	135.51	215.56	-90.00	17,735.73	-2,563.28	3,263.56	2,913.85	349.72	9.332						
26,400.00	9,750.00	9,829.11	9,750.00	136.25	215.56	-90.00	17,735.73	-2,563.28	3,247.08	2,896.14	350.94	9.253						
26,500.00	9,750.00	9,829.11	9,750.00	137.00	215.56	-90.00	17,735.73	-2,563.28	3,233.60	2,881.54	352.07	9.185						
26,600.00	9,750.00	9,829.11	9,750.00	137.74	215.56	-90.00	17,735.73	-2,563.28	3,223.17	2,870.09	353.09	9.129						
26,700.00	9,750.00	9,829.11	9,750.00	138.49	215.56	-90.00	17,735.73	-2,563.28	3,215.83	2,861.83	354.00	9.084						
26,800.00	9,750.00	9,829.11	9,750.00	139.23	215.56	-90.00	17,735.73	-2,563.28	3,211.57	2,856.78	354.79	9.052						
26,886.63	9,750.00	9,829.11	9,750.00	139.87	215.56	-90.00	17,735.73	-2,563.28	3,210.40	2,855.02	355.39	9.033	CC					
26,900.00	9,750.00	9,829.11	9,750.00	139.97	215.56	-90.00	17,735.73	-2,563.28	3,210.43	2,854.96	355.47	9.031	ES					
27,000.00	9,750.00	9,829.11	9,750.00	140.72	215.56	-90.00	17,735.73	-2,563.28	3,212.41	2,856.37	356.03	9.023	SF					
27,100.00	9,750.00	9,829.11	9,750.00	141.46	215.56	-90.00	17,735.73	-2,563.28	3,217.49	2,861.01	356.47	9.026						
27,200.00	9,750.00	9,829.11	9,750.00	142.21	215.56	-90.00	17,735.73	-2,563.28	3,225.66	2,868.87	356.79	9.041						
27,300.00	9,750.00	9,829.11	9,750.00	142.96	215.56	-90.00	17,735.73	-2,563.28	3,236.91	2,879.91	356.99	9.067						
27,400.00	9,750.00	9,829.11	9,750.00	143.70	215.56	-90.00	17,735.73	-2,563.28	3,251.19	2,894.12	357.08	9.105						
27,500.00	9,750.00	9,829.11	9,750.00	144.45	215.56	-90.00	17,735.73	-2,563.28	3,268.47	2,911.43	357.04	9.154						
27,600.00	9,750.00	9,829.11	9,750.00	145.19	215.56	-90.00	17,735.73	-2,563.28	3,288.71	2,931.80	356.90	9.215						
27,700.00	9,750.00	9,829.11	9,750.00	145.94	215.56	-90.00	17,735.73	-2,563.28	3,311.84	2,955.18	356.65	9.286						

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

Total Directional Anticollision Report



Company: Coterra Energy, Project: Lea County, NM (NAD 83), Reference Site: Yeti-Chile pad, Site Error: 0.00 usft, Reference Well: Yeti State Com 224H, Well Error: 0.00 usft, Reference Wellbore: OH, Reference Design: Plan #1, Local Co-ordinate Reference: Well Yeti State Com 224H, TVD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148), MD Reference: GE 3761' + KB 23' @ 3784.00usft (Cactus 148), North Reference: Grid, Survey Calculation Method: Minimum Curvature, Output errors are at: 2.00 sigma, Database: .Total Directional Production DB, Offset TVD Reference: Reference Datum

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

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Table with columns: Survey Program, Reference, Measured Depth, Vertical Depth, Offset, Semi Major Axis Reference, Semi Major Axis Offset, Highside Toolface, Offset Wellbore Centre (+N/-S, +E/-W), Distance (Between Centres, Between Ellipses, Minimum Separation, Separation Factor), Rule Assigned, Warning. Includes data rows from 20,500.00 to 25,400.00 depth.

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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			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		
25,500.00	9,750.00	9,730.67	9,633.49	129.58	543.66	-85.79	14,214.22	-904.26	2,670.42	2,044.57	625.85	4.267		
25,600.00	9,750.00	9,732.10	9,634.91	130.32	543.66	-85.84	14,214.24	-904.40	2,751.53	2,126.98	624.55	4.406		
25,700.00	9,750.00	9,733.53	9,636.34	131.06	543.66	-85.89	14,214.27	-904.53	2,833.84	2,210.52	623.32	4.546		
25,800.00	9,750.00	9,734.97	9,637.77	131.80	543.66	-85.94	14,214.29	-904.67	2,917.26	2,295.09	622.16	4.689		
25,900.00	9,750.00	9,736.41	9,639.20	132.54	543.66	-85.99	14,214.31	-904.80	3,001.69	2,380.62	621.07	4.833		
26,000.00	9,750.00	9,737.86	9,640.64	133.28	543.66	-86.05	14,214.33	-904.94	3,087.05	2,467.02	620.03	4.979		
26,100.00	9,750.00	9,739.31	9,642.09	134.02	543.66	-86.10	14,214.35	-905.08	3,173.26	2,554.21	619.06	5.126		
26,200.00	9,750.00	9,740.76	9,643.54	134.77	543.66	-86.15	14,214.37	-905.21	3,260.27	2,642.13	618.14	5.274		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
18,700.00	9,750.00	9,826.97	9,750.00	80.48	192.85	-90.00	12,784.56	476.19	3,216.98	2,983.75	233.23	13.793	
18,800.00	9,750.00	9,826.97	9,750.00	81.17	192.85	-90.00	12,784.56	476.19	3,117.21	2,883.85	233.36	13.358	
18,900.00	9,750.00	9,826.97	9,750.00	81.87	192.85	-90.00	12,784.56	476.19	3,017.45	2,783.96	233.48	12.924	
19,000.00	9,750.00	9,826.97	9,750.00	82.56	192.85	-90.00	12,784.56	476.19	2,917.71	2,684.09	233.62	12.489	
19,100.00	9,750.00	9,826.97	9,750.00	83.26	192.85	-90.00	12,784.56	476.19	2,817.98	2,584.22	233.76	12.055	
19,200.00	9,750.00	9,826.97	9,750.00	83.96	192.85	-90.00	12,784.56	476.19	2,718.28	2,484.37	233.90	11.621	
19,300.00	9,750.00	9,826.97	9,750.00	84.66	192.85	-90.00	12,784.56	476.19	2,618.60	2,384.54	234.06	11.188	
19,400.00	9,750.00	9,826.97	9,750.00	85.36	192.85	-90.00	12,784.56	476.19	2,518.94	2,284.73	234.22	10.755	
19,500.00	9,750.00	9,826.97	9,750.00	86.06	192.85	-90.00	12,784.56	476.19	2,419.31	2,184.93	234.38	10.322	
19,600.00	9,750.00	9,826.97	9,750.00	86.76	192.85	-90.00	12,784.56	476.19	2,319.72	2,085.16	234.56	9.890	
19,700.00	9,750.00	9,826.97	9,750.00	87.47	192.85	-90.00	12,784.56	476.19	2,220.16	1,985.41	234.75	9.457	
19,800.00	9,750.00	9,826.97	9,750.00	88.17	192.85	-90.00	12,784.56	476.19	2,120.64	1,885.69	234.95	9.026	
19,900.00	9,750.00	9,826.97	9,750.00	88.88	192.85	-90.00	12,784.56	476.19	2,021.17	1,786.00	235.17	8.594	
20,000.00	9,750.00	9,826.97	9,750.00	89.58	192.85	-90.00	12,784.56	476.19	1,921.76	1,686.35	235.41	8.163	
20,100.00	9,750.00	9,826.97	9,750.00	90.29	192.85	-90.00	12,784.56	476.19	1,822.41	1,586.74	235.67	7.733	
20,200.00	9,750.00	9,826.97	9,750.00	91.00	192.85	-90.00	12,784.56	476.19	1,723.13	1,487.18	235.96	7.303	
20,300.00	9,750.00	9,826.97	9,750.00	91.71	192.85	-90.00	12,784.56	476.19	1,623.95	1,387.67	236.28	6.873	
20,400.00	9,750.00	9,826.97	9,750.00	92.42	192.85	-90.00	12,784.56	476.19	1,524.87	1,288.23	236.64	6.444	
20,500.00	9,750.00	9,826.97	9,750.00	93.14	192.85	-90.00	12,784.56	476.19	1,425.91	1,188.86	237.05	6.015	
20,600.00	9,750.00	9,826.97	9,750.00	93.85	192.85	-90.00	12,784.56	476.19	1,327.12	1,089.59	237.53	5.587	
20,700.00	9,750.00	9,826.97	9,750.00	94.56	192.85	-90.00	12,784.56	476.19	1,228.52	990.42	238.09	5.160	
20,800.00	9,750.00	9,826.97	9,750.00	95.28	192.85	-90.00	12,784.56	476.19	1,130.17	891.39	238.77	4.733	
20,900.00	9,750.00	9,826.97	9,750.00	95.99	192.85	-90.00	12,784.56	476.19	1,032.13	792.52	239.61	4.308	
21,000.00	9,750.00	9,826.97	9,750.00	96.71	192.85	-90.00	12,784.56	476.19	934.51	693.86	240.65	3.883	
21,100.00	9,750.00	9,826.97	9,750.00	97.43	192.85	-90.00	12,784.56	476.19	837.45	595.46	241.99	3.461	
21,200.00	9,750.00	9,826.97	9,750.00	98.14	192.85	-90.00	12,784.56	476.19	741.17	497.40	243.77	3.040	
21,300.00	9,750.00	9,826.97	9,750.00	98.86	192.85	-90.00	12,784.56	476.19	646.02	399.83	246.19	2.624	
21,400.00	9,750.00	9,826.97	9,750.00	99.58	192.85	-90.00	12,784.56	476.19	552.60	302.97	249.62	2.214	
21,500.00	9,750.00	9,826.97	9,750.00	100.30	192.85	-90.00	12,784.56	476.19	461.93	207.29	254.64	1.814	
21,600.00	9,750.00	9,826.97	9,750.00	101.02	192.85	-90.00	12,784.56	476.19	376.02	113.86	262.16	1.434	Level 3
21,700.00	9,750.00	9,826.97	9,750.00	101.74	192.85	-90.00	12,784.56	476.19	299.01	25.71	273.30	1.094	Level 2
21,800.00	9,750.00	9,826.97	9,750.00	102.47	192.85	-90.00	12,784.56	476.19	239.63	-47.77	287.40	0.834	Level 1
21,900.00	9,750.00	9,826.97	9,750.00	103.19	192.85	-90.00	12,784.56	476.19	213.16	-82.88	296.04	0.720	Level 1
21,909.93	9,750.00	9,826.97	9,750.00	103.26	192.85	-90.00	12,784.56	476.19	212.93	-83.12	296.05	0.719	Level 1, CC, ES, SF
22,000.00	9,750.00	9,826.97	9,750.00	103.91	192.85	-90.00	12,784.56	476.19	231.20	-57.47	288.66	0.801	Level 1
22,100.00	9,750.00	9,826.97	9,750.00	104.64	192.85	-90.00	12,784.56	476.19	285.42	11.58	273.85	1.042	Level 2
22,200.00	9,750.00	9,826.97	9,750.00	105.36	192.85	-90.00	12,784.56	476.19	359.84	98.03	261.81	1.374	Level 3
22,300.00	9,750.00	9,826.97	9,750.00	106.09	192.85	-90.00	12,784.56	476.19	444.41	190.55	253.85	1.751	
22,400.00	9,750.00	9,826.97	9,750.00	106.81	192.85	-90.00	12,784.56	476.19	534.33	285.57	248.77	2.148	
22,500.00	9,750.00	9,826.97	9,750.00	107.54	192.85	-90.00	12,784.56	476.19	627.32	381.85	245.47	2.556	
22,600.00	9,750.00	9,826.97	9,750.00	108.27	192.85	-90.00	12,784.56	476.19	722.18	478.90	243.28	2.969	
22,700.00	9,750.00	9,826.97	9,750.00	109.00	192.85	-90.00	12,784.56	476.19	818.26	576.48	241.79	3.384	
22,800.00	9,750.00	9,826.97	9,750.00	109.73	192.85	-90.00	12,784.56	476.19	915.19	674.44	240.75	3.801	
22,900.00	9,750.00	9,826.97	9,750.00	110.45	192.85	-90.00	12,784.56	476.19	1,012.71	772.70	240.01	4.219	
23,000.00	9,750.00	9,826.97	9,750.00	111.18	192.85	-90.00	12,784.56	476.19	1,110.68	871.19	239.48	4.638	
23,100.00	9,750.00	9,826.97	9,750.00	111.91	192.85	-90.00	12,784.56	476.19	1,208.97	969.87	239.10	5.056	
23,200.00	9,750.00	9,826.97	9,750.00	112.64	192.85	-90.00	12,784.56	476.19	1,307.53	1,068.69	238.83	5.475	
23,300.00	9,750.00	9,826.97	9,750.00	113.38	192.85	-90.00	12,784.56	476.19	1,406.29	1,167.65	238.64	5.893	
23,400.00	9,750.00	9,826.97	9,750.00	114.11	192.85	-90.00	12,784.56	476.19	1,505.21	1,266.70	238.51	6.311	
23,500.00	9,750.00	9,826.97	9,750.00	114.84	192.85	-90.00	12,784.56	476.19	1,604.27	1,365.84	238.43	6.729	
23,600.00	9,750.00	9,826.97	9,750.00	115.57	192.85	-90.00	12,784.56	476.19	1,703.43	1,465.06	238.38	7.146	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		
23,700.00	9,750.00	9,826.97	9,750.00	116.31	192.85	-90.00	12,784.56	476.19	1,802.69	1,564.34	238.35	7.563	0.00 usft	
23,800.00	9,750.00	9,826.97	9,750.00	117.04	192.85	-90.00	12,784.56	476.19	1,902.03	1,663.68	238.36	7.980	0.00 usft	
23,900.00	9,750.00	9,826.97	9,750.00	117.77	192.85	-90.00	12,784.56	476.19	2,001.43	1,763.06	238.37	8.396		
24,000.00	9,750.00	9,826.97	9,750.00	118.51	192.85	-90.00	12,784.56	476.19	2,100.89	1,862.48	238.41	8.812		
24,100.00	9,750.00	9,826.97	9,750.00	119.24	192.85	-90.00	12,784.56	476.19	2,200.40	1,961.95	238.45	9.228		
24,200.00	9,750.00	9,826.97	9,750.00	119.98	192.85	-90.00	12,784.56	476.19	2,299.95	2,061.44	238.51	9.643		
24,300.00	9,750.00	9,826.97	9,750.00	120.71	192.85	-90.00	12,784.56	476.19	2,399.54	2,160.96	238.58	10.058		
24,400.00	9,750.00	9,826.97	9,750.00	121.45	192.85	-90.00	12,784.56	476.19	2,499.16	2,260.51	238.65	10.472		
24,500.00	9,750.00	9,826.97	9,750.00	122.19	192.85	-90.00	12,784.56	476.19	2,598.81	2,360.09	238.73	10.886		
24,600.00	9,750.00	9,826.97	9,750.00	122.92	192.85	-90.00	12,784.56	476.19	2,698.49	2,459.68	238.81	11.300		
24,700.00	9,750.00	9,826.97	9,750.00	123.66	192.85	-90.00	12,784.56	476.19	2,798.19	2,559.29	238.90	11.713		
24,800.00	9,750.00	9,826.97	9,750.00	124.40	192.85	-90.00	12,784.56	476.19	2,897.91	2,658.92	238.99	12.126		
24,900.00	9,750.00	9,826.97	9,750.00	125.14	192.85	-90.00	12,784.56	476.19	2,997.65	2,758.56	239.09	12.538		
25,000.00	9,750.00	9,826.97	9,750.00	125.88	192.85	-90.00	12,784.56	476.19	3,097.40	2,858.22	239.19	12.950		
25,100.00	9,750.00	9,826.97	9,750.00	126.62	192.85	-90.00	12,784.56	476.19	3,197.17	2,957.88	239.29	13.361		
25,200.00	9,750.00	9,826.97	9,750.00	127.36	192.85	-90.00	12,784.56	476.19	3,296.96	3,057.56	239.39	13.772		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 353 - OH - OH

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		
22,600.00	9,750.00	10,108.34	10,014.67	108.27	22.98	-95.58	15,290.08	-2,042.22	3,284.47	3,166.48	117.99	27.836		
22,700.00	9,750.00	10,104.77	10,011.11	109.00	22.97	-95.50	15,290.26	-2,042.45	3,229.62	3,109.84	119.78	26.963		
22,800.00	9,750.00	10,101.15	10,007.50	109.73	22.96	-95.43	15,290.44	-2,042.68	3,176.95	3,055.38	121.57	26.132		
22,900.00	9,750.00	10,097.48	10,003.84	110.45	22.95	-95.35	15,290.63	-2,042.91	3,126.60	3,003.22	123.37	25.342		
23,000.00	9,750.00	10,093.75	10,000.13	111.18	22.94	-95.27	15,290.82	-2,043.15	3,078.66	2,953.49	125.17	24.595		
23,100.00	9,750.00	10,089.97	9,996.36	111.91	22.93	-95.19	15,291.02	-2,043.40	3,033.26	2,906.29	126.96	23.891		
23,200.00	9,750.00	10,086.13	9,992.54	112.64	22.92	-95.11	15,291.22	-2,043.65	2,990.50	2,861.77	128.73	23.231		
23,300.00	9,750.00	10,082.24	9,988.66	113.38	22.91	-95.03	15,291.42	-2,043.90	2,950.51	2,820.04	130.47	22.614		
23,400.00	9,750.00	10,078.29	9,984.72	114.11	22.90	-94.95	15,291.63	-2,044.16	2,913.40	2,781.23	132.17	22.043		
23,500.00	9,750.00	10,074.28	9,980.72	114.84	22.89	-94.86	15,291.85	-2,044.43	2,879.27	2,745.45	133.82	21.516		
23,600.00	9,750.00	10,070.21	9,976.67	115.57	22.88	-94.78	15,292.07	-2,044.70	2,848.25	2,712.84	135.41	21.034		
23,700.00	9,750.00	10,066.07	9,972.55	116.31	22.87	-94.69	15,292.29	-2,044.98	2,820.42	2,683.49	136.93	20.598		
23,800.00	9,750.00	10,061.87	9,968.37	117.04	22.86	-94.60	15,292.52	-2,045.26	2,795.88	2,657.52	138.36	20.207		
23,900.00	9,750.00	10,057.61	9,964.12	117.77	22.85	-94.51	15,292.76	-2,045.55	2,774.72	2,635.03	139.70	19.863		
24,000.00	9,750.00	10,053.28	9,959.80	118.51	22.84	-94.42	15,293.00	-2,045.84	2,757.03	2,616.10	140.93	19.563		
24,100.00	9,750.00	10,048.88	9,955.42	119.24	22.83	-94.33	15,293.25	-2,046.14	2,742.85	2,600.81	142.04	19.310		
24,200.00	9,750.00	10,044.41	9,950.97	119.98	22.82	-94.23	15,293.50	-2,046.45	2,732.26	2,589.22	143.04	19.102		
24,300.00	9,750.00	10,039.87	9,946.45	120.71	22.81	-94.14	15,293.76	-2,046.77	2,725.29	2,581.39	143.90	18.939		
24,400.00	9,750.00	10,035.26	9,941.86	121.45	22.80	-94.04	15,294.03	-2,047.09	2,721.97	2,577.34	144.63	18.821		
24,440.76	9,750.00	10,033.36	9,939.96	121.75	22.79	-94.00	15,294.14	-2,047.22	2,721.66	2,576.78	144.88	18.785	CC, ES	
24,500.00	9,750.00	10,030.57	9,937.19	122.19	22.78	-93.94	15,294.30	-2,047.42	2,722.30	2,577.09	145.21	18.747		
24,600.00	9,750.00	10,025.80	9,932.44	122.92	22.77	-93.84	15,294.58	-2,047.76	2,726.30	2,580.65	145.65	18.718	SF	
24,700.00	9,750.00	10,034.75	9,941.33	123.66	22.79	-94.03	15,293.93	-2,047.00	2,733.88	2,587.87	146.01	18.724		
24,800.00	9,750.00	10,025.96	9,932.58	124.40	22.77	-93.85	15,294.50	-2,047.68	2,745.17	2,599.01	146.15	18.783		
24,900.00	9,750.00	10,017.43	9,924.10	125.14	22.75	-93.67	15,295.04	-2,048.32	2,760.01	2,613.85	146.16	18.884		
25,000.00	9,750.00	10,009.16	9,915.87	125.88	22.73	-93.49	15,295.56	-2,048.94	2,778.36	2,632.33	146.03	19.026		
25,100.00	9,750.00	10,001.13	9,907.88	126.62	22.71	-93.33	15,296.05	-2,049.53	2,800.14	2,654.37	145.77	19.209		
25,200.00	9,750.00	9,993.34	9,900.12	127.36	22.69	-93.16	15,296.53	-2,050.10	2,825.28	2,679.88	145.40	19.431		
25,300.00	9,750.00	9,985.77	9,892.58	128.09	22.67	-93.00	15,296.98	-2,050.65	2,853.68	2,708.77	144.91	19.692		
25,400.00	9,750.00	9,978.41	9,885.26	128.84	22.65	-92.85	15,297.42	-2,051.17	2,885.26	2,740.94	144.32	19.991		
25,500.00	9,750.00	9,971.26	9,878.14	129.58	22.63	-92.70	15,297.84	-2,051.68	2,919.91	2,776.27	143.64	20.328		
25,600.00	9,750.00	9,964.31	9,871.21	130.32	22.62	-92.55	15,298.24	-2,052.16	2,957.52	2,814.64	142.88	20.700		
25,700.00	9,750.00	9,957.54	9,864.47	131.06	22.60	-92.41	15,298.62	-2,052.63	2,997.98	2,855.95	142.04	21.107		
25,800.00	9,750.00	9,950.95	9,857.91	131.80	22.58	-92.27	15,298.99	-2,053.08	3,041.19	2,900.05	141.14	21.548		
25,900.00	9,750.00	9,944.54	9,851.52	132.54	22.57	-92.14	15,299.35	-2,053.51	3,087.01	2,946.83	140.18	22.022		
26,000.00	9,750.00	9,938.30	9,845.30	133.28	22.55	-92.01	15,299.69	-2,053.93	3,135.35	2,996.17	139.17	22.528		
26,100.00	9,750.00	9,932.22	9,839.24	134.02	22.53	-91.88	15,300.01	-2,054.33	3,186.08	3,047.94	138.13	23.065		
26,200.00	9,750.00	9,926.29	9,833.33	134.77	22.52	-91.75	15,300.33	-2,054.72	3,239.09	3,102.03	137.06	23.632		
26,300.00	9,750.00	9,920.51	9,827.57	135.51	22.50	-91.63	15,300.63	-2,055.10	3,294.28	3,158.31	135.97	24.228		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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

Offset Well 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			
20,400.00	9,750.00	9,836.36	9,750.00	92.42	25.87	-90.00	14,343.39	-489.93	3,290.34	3,211.99	78.35	41.997			
20,500.00	9,750.00	9,836.36	9,750.00	93.14	25.87	-90.00	14,343.39	-489.93	3,197.02	3,117.90	79.12	40.405			
20,600.00	9,750.00	9,836.36	9,750.00	93.85	25.87	-90.00	14,343.39	-489.93	3,104.12	3,024.17	79.95	38.824			
20,700.00	9,750.00	9,836.36	9,750.00	94.56	25.87	-90.00	14,343.39	-489.93	3,011.67	2,930.83	80.84	37.254			
20,800.00	9,750.00	9,836.36	9,750.00	95.28	25.87	-90.00	14,343.39	-489.93	2,919.73	2,837.94	81.79	35.698			
20,900.00	9,750.00	9,836.36	9,750.00	95.99	25.87	-90.00	14,343.39	-489.93	2,828.33	2,745.52	82.81	34.155			
21,000.00	9,750.00	9,836.36	9,750.00	96.71	25.87	-90.00	14,343.39	-489.93	2,737.57	2,653.63	83.90	32.628			
21,100.00	9,750.00	9,836.36	9,750.00	97.43	25.87	-90.00	14,343.39	-489.93	2,647.39	2,562.31	85.08	31.118			
21,200.00	9,750.00	9,836.36	9,750.00	98.14	25.87	-90.00	14,343.39	-489.93	2,557.99	2,471.65	86.34	29.626			
21,300.00	9,750.00	9,836.36	9,750.00	98.86	25.87	-90.00	14,343.39	-489.93	2,469.40	2,381.70	87.70	28.156			
21,400.00	9,750.00	9,836.36	9,750.00	99.58	25.87	-90.00	14,343.39	-489.93	2,381.71	2,292.54	89.17	26.710			
21,500.00	9,750.00	9,836.36	9,750.00	100.30	25.87	-90.00	14,343.39	-489.93	2,295.04	2,204.28	90.75	25.289			
21,600.00	9,750.00	9,836.36	9,750.00	101.02	25.87	-90.00	14,343.39	-489.93	2,209.48	2,117.02	92.46	23.896			
21,700.00	9,750.00	9,836.36	9,750.00	101.74	25.87	-90.00	14,343.39	-489.93	2,125.19	2,030.89	94.30	22.536			
21,800.00	9,750.00	9,836.36	9,750.00	102.47	25.87	-90.00	14,343.39	-489.93	2,042.32	1,946.03	96.29	21.210			
21,900.00	9,750.00	9,836.36	9,750.00	103.19	25.87	-90.00	14,343.39	-489.93	1,961.04	1,862.61	98.44	19.922			
22,000.00	9,750.00	9,836.36	9,750.00	103.91	25.87	-90.00	14,343.39	-489.93	1,881.57	1,780.83	100.74	18.677			
22,100.00	9,750.00	9,836.36	9,750.00	104.64	25.87	-90.00	14,343.39	-489.93	1,804.14	1,700.92	103.22	17.479			
22,200.00	9,750.00	9,836.36	9,750.00	105.36	25.87	-90.00	14,343.39	-489.93	1,729.04	1,623.16	105.87	16.331			
22,300.00	9,750.00	9,836.36	9,750.00	106.09	25.87	-90.00	14,343.39	-489.93	1,656.56	1,547.86	108.70	15.240			
22,400.00	9,750.00	9,836.36	9,750.00	106.81	25.87	-90.00	14,343.39	-489.93	1,587.08	1,475.38	111.70	14.209			
22,500.00	9,750.00	9,836.36	9,750.00	107.54	25.87	-90.00	14,343.39	-489.93	1,521.00	1,406.16	114.84	13.244			
22,600.00	9,750.00	9,836.36	9,750.00	108.27	25.87	-90.00	14,343.39	-489.93	1,458.79	1,340.67	118.12	12.351			
22,700.00	9,750.00	9,836.36	9,750.00	109.00	25.87	-90.00	14,343.39	-489.93	1,400.96	1,279.49	121.47	11.533			
22,800.00	9,750.00	9,836.36	9,750.00	109.73	25.87	-90.00	14,343.39	-489.93	1,348.08	1,223.24	124.84	10.798			
22,900.00	9,750.00	9,836.36	9,750.00	110.45	25.87	-90.00	14,343.39	-489.93	1,300.75	1,172.59	128.16	10.150			
23,000.00	9,750.00	9,836.36	9,750.00	111.18	25.87	-90.00	14,343.39	-489.93	1,259.59	1,128.28	131.31	9.592			
23,100.00	9,750.00	9,836.36	9,750.00	111.91	25.87	-90.00	14,343.39	-489.93	1,225.23	1,091.05	134.19	9.131			
23,200.00	9,750.00	9,836.36	9,750.00	112.64	25.87	-90.00	14,343.39	-489.93	1,198.26	1,061.60	136.66	8.768			
23,300.00	9,750.00	9,836.36	9,750.00	113.38	25.87	-90.00	14,343.39	-489.93	1,179.17	1,040.56	138.61	8.507			
23,400.00	9,750.00	9,836.36	9,750.00	114.11	25.87	-90.00	14,343.39	-489.93	1,168.36	1,028.43	139.94	8.349			
23,476.87	9,750.00	9,836.36	9,750.00	114.67	25.87	-90.00	14,343.39	-489.93	1,165.83	1,025.34	140.49	8.299	CC, ES		
23,500.00	9,750.00	9,836.36	9,750.00	114.84	25.87	-90.00	14,343.39	-489.93	1,166.06	1,025.49	140.57	8.295	SF		
23,600.00	9,750.00	9,836.36	9,750.00	115.57	25.87	-90.00	14,343.39	-489.93	1,172.31	1,031.82	140.49	8.345			
23,700.00	9,750.00	9,836.36	9,750.00	116.31	25.87	-90.00	14,343.39	-489.93	1,186.99	1,047.27	139.72	8.495			
23,800.00	9,750.00	9,836.36	9,750.00	117.04	25.87	-90.00	14,343.39	-489.93	1,209.78	1,071.45	138.33	8.745			
23,900.00	9,750.00	9,836.36	9,750.00	117.77	25.87	-90.00	14,343.39	-489.93	1,240.24	1,103.81	136.43	9.091			
24,000.00	9,750.00	9,836.36	9,750.00	118.51	25.87	-90.00	14,343.39	-489.93	1,277.82	1,143.70	134.12	9.527			
24,100.00	9,750.00	9,836.36	9,750.00	119.24	25.87	-90.00	14,343.39	-489.93	1,321.91	1,190.38	131.54	10.050			
24,200.00	9,750.00	9,836.36	9,750.00	119.98	25.87	-90.00	14,343.39	-489.93	1,371.89	1,243.11	128.77	10.653			
24,300.00	9,750.00	9,836.36	9,750.00	120.71	25.87	-90.00	14,343.39	-489.93	1,427.13	1,301.19	125.94	11.332			
24,400.00	9,750.00	9,836.36	9,750.00	121.45	25.87	-90.00	14,343.39	-489.93	1,487.05	1,363.96	123.09	12.081			
24,500.00	9,750.00	9,836.36	9,750.00	122.19	25.87	-90.00	14,343.39	-489.93	1,551.11	1,430.80	120.31	12.893			
24,600.00	9,750.00	9,836.36	9,750.00	122.92	25.87	-90.00	14,343.39	-489.93	1,618.82	1,501.20	117.62	13.763			
24,700.00	9,750.00	9,836.36	9,750.00	123.66	25.87	-90.00	14,343.39	-489.93	1,689.73	1,574.69	115.05	14.687			
24,800.00	9,750.00	9,836.36	9,750.00	124.40	25.87	-90.00	14,343.39	-489.93	1,763.47	1,650.85	112.62	15.659			
24,900.00	9,750.00	9,836.36	9,750.00	125.14	25.87	-90.00	14,343.39	-489.93	1,839.69	1,729.35	110.34	16.673			
25,000.00	9,750.00	9,836.36	9,750.00	125.88	25.87	-90.00	14,343.39	-489.93	1,918.09	1,809.89	108.21	17.726			
25,100.00	9,750.00	9,836.36	9,750.00	126.62	25.87	-90.00	14,343.39	-489.93	1,998.43	1,892.20	106.22	18.814			
25,200.00	9,750.00	9,836.36	9,750.00	127.36	25.87	-90.00	14,343.39	-489.93	2,080.46	1,976.08	104.38	19.931			
25,300.00	9,750.00	9,836.36	9,750.00	128.09	25.87	-90.00	14,343.39	-489.93	2,164.01	2,061.34	102.68	21.076			

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		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	
25,400.00	9,750.00	9,836.36	9,750.00	128.84	25.87	-90.00	14,343.39	-489.93	2,248.91	2,147.80	101.10	22.244	
25,500.00	9,750.00	9,836.36	9,750.00	129.58	25.87	-90.00	14,343.39	-489.93	2,335.00	2,235.35	99.65	23.433	
25,600.00	9,750.00	9,836.36	9,750.00	130.32	25.87	-90.00	14,343.39	-489.93	2,422.15	2,323.85	98.30	24.640	
25,700.00	9,750.00	9,836.36	9,750.00	131.06	25.87	-90.00	14,343.39	-489.93	2,510.27	2,413.20	97.07	25.862	
25,800.00	9,750.00	9,836.36	9,750.00	131.80	25.87	-90.00	14,343.39	-489.93	2,599.25	2,503.32	95.92	27.097	
25,900.00	9,750.00	9,836.36	9,750.00	132.54	25.87	-90.00	14,343.39	-489.93	2,689.00	2,594.13	94.87	28.344	
26,000.00	9,750.00	9,836.36	9,750.00	133.28	25.87	-90.00	14,343.39	-489.93	2,779.45	2,685.55	93.90	29.600	
26,100.00	9,750.00	9,836.36	9,750.00	134.02	25.87	-90.00	14,343.39	-489.93	2,870.53	2,777.53	93.01	30.864	
26,200.00	9,750.00	9,836.36	9,750.00	134.77	25.87	-90.00	14,343.39	-489.93	2,962.19	2,870.01	92.18	32.134	
26,300.00	9,750.00	9,836.36	9,750.00	135.51	25.87	-90.00	14,343.39	-489.93	3,054.38	2,962.95	91.42	33.410	
26,400.00	9,750.00	9,836.36	9,750.00	136.25	25.87	-90.00	14,343.39	-489.93	3,147.04	3,056.31	90.72	34.689	
26,500.00	9,750.00	9,836.36	9,750.00	137.00	25.87	-90.00	14,343.39	-489.93	3,240.13	3,150.06	90.07	35.972	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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) Sunray-Mid Cofowler 001 - P&A - 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	
0.00	0.00	57.00	0.00	0.00	1.21	-116.79	-362.99	-718.82	805.27				
100.00	100.00	157.00	100.00	0.28	3.34	-116.79	-362.99	-718.82	805.27	801.65	3.62	222.595	
200.00	200.00	257.00	200.00	0.63	5.47	-116.79	-362.99	-718.82	805.27	799.16	6.10	131.916	
300.00	300.00	357.00	300.00	0.99	7.60	-116.79	-362.99	-718.82	805.27	796.68	8.59	93.732	
400.00	400.00	457.00	400.00	1.35	9.73	-116.79	-362.99	-718.82	805.27	794.19	11.08	72.691	
500.00	500.00	557.03	500.00	1.71	11.86	-116.79	-362.99	-718.82	805.27	791.70	13.57	59.363	
600.00	600.00	657.03	600.00	2.07	13.98	-116.79	-362.99	-718.82	805.27	789.21	16.05	50.166	
694.05	694.05	751.06	694.02	2.41	15.98	-116.72	-361.90	-718.82	804.78	786.39	18.39	43.761	
700.00	700.00	756.94	699.90	2.43	16.11	-116.72	-361.90	-718.82	804.78	786.24	18.54	43.415	
800.00	800.00	855.71	798.67	2.79	18.21	-116.74	-362.09	-718.82	804.86	783.87	21.00	38.331	
900.00	900.00	954.48	897.44	3.14	20.31	-116.77	-362.63	-718.82	805.11	781.65	23.46	34.321	
1,000.00	1,000.00	1,057.10	1,000.00	3.50	22.60	-116.79	-362.99	-718.82	805.27	779.16	26.10	30.850	
1,100.00	1,100.00	1,157.10	1,100.00	3.86	24.91	-116.79	-362.99	-718.82	805.27	776.50	28.77	27.991	
1,194.04	1,194.04	1,251.13	1,194.02	4.20	27.08	-116.72	-361.90	-718.82	804.78	773.50	31.28	25.732	
1,200.00	1,200.00	1,257.01	1,199.90	4.22	27.21	-116.72	-361.90	-718.82	804.78	773.34	31.43	25.603	
1,300.00	1,300.00	1,355.78	1,298.67	4.58	29.49	-116.74	-362.09	-718.82	804.87	770.80	34.07	23.624	
1,400.00	1,400.00	1,454.56	1,397.43	4.94	31.77	-116.77	-362.63	-718.82	805.11	768.40	36.71	21.933	
1,500.00	1,500.00	1,557.22	1,500.00	5.29	34.25	-116.79	-362.99	-718.82	805.27	765.72	39.55	20.362	
1,600.00	1,600.00	1,657.22	1,600.00	5.65	36.75	-116.79	-362.99	-718.82	805.27	762.86	42.41	18.989	
1,694.02	1,694.02	1,751.21	1,693.97	5.99	39.11	-116.69	-361.35	-718.82	804.53	759.43	45.10	17.840	CC
1,700.00	1,700.00	1,757.09	1,699.84	6.01	39.25	-116.69	-361.35	-718.82	804.53	759.27	45.27	17.773	
1,800.00	1,800.00	1,855.27	1,798.01	6.37	41.71	-116.71	-361.64	-718.82	804.66	756.58	48.08	16.735	
1,900.00	1,900.00	1,953.46	1,896.19	6.73	44.17	-116.76	-362.44	-718.82	805.03	754.13	50.90	15.817	
2,000.00	2,000.00	2,057.39	2,000.00	7.09	46.89	-116.79	-362.99	-718.82	805.27	751.29	53.98	14.918	
2,100.00	2,100.00	2,157.39	2,100.00	7.45	49.61	-116.79	-362.99	-718.82	805.27	748.21	57.05	14.114	
2,175.10	2,175.10	2,232.49	2,175.10	7.71	51.65	-179.26	-362.99	-718.82	805.76	746.40	59.36	13.574	
2,200.00	2,200.00	2,257.25	2,199.84	7.80	52.32	-179.16	-361.35	-718.82	804.97	744.85	60.12	13.389	ES
2,300.00	2,299.93	2,355.36	2,297.93	8.15	54.98	-179.18	-361.64	-718.82	808.59	745.46	63.14	12.807	
2,400.00	2,399.68	2,453.27	2,395.83	8.50	57.64	-179.23	-362.43	-718.82	815.93	749.78	66.14	12.336	
2,500.00	2,499.13	2,556.76	2,499.13	8.85	60.58	-179.28	-362.99	-718.82	826.62	757.19	69.43	11.905	
2,600.00	2,598.29	2,655.92	2,598.29	9.21	63.50	-179.29	-362.99	-718.82	839.56	766.86	72.70	11.548	
2,700.00	2,697.43	2,754.93	2,697.26	9.56	66.41	-179.17	-360.81	-718.82	851.64	775.68	75.96	11.211	
2,800.00	2,796.58	2,851.51	2,793.83	9.92	69.26	-179.20	-361.17	-718.82	864.86	785.70	79.15	10.926	
2,900.00	2,895.72	2,948.04	2,890.33	10.27	72.10	-179.27	-362.18	-718.82	878.38	796.04	82.35	10.667	
3,000.00	2,994.86	3,052.80	2,994.86	10.63	75.31	-179.33	-362.99	-718.82	891.79	805.88	85.91	10.381	
3,100.00	3,094.01	3,151.94	3,094.01	10.98	78.46	-179.34	-362.99	-718.82	904.84	815.42	89.42	10.119	
3,200.00	3,193.15	3,251.05	3,193.08	11.34	81.61	-179.23	-360.81	-718.82	916.91	823.99	92.93	9.867	
3,300.00	3,292.30	3,347.44	3,289.45	11.70	84.68	-179.25	-361.14	-718.82	930.12	833.78	96.35	9.654	
3,400.00	3,391.44	3,443.77	3,385.76	12.06	87.75	-179.32	-362.12	-718.82	943.63	843.87	99.76	9.459	
3,500.00	3,490.58	3,548.90	3,490.58	12.42	91.21	-179.37	-362.99	-718.82	957.06	853.47	103.59	9.239	
3,600.00	3,589.73	3,648.05	3,589.73	12.78	94.62	-179.38	-362.99	-718.82	970.12	862.77	107.35	9.037	
3,700.00	3,688.87	3,747.19	3,688.87	13.14	98.02	-179.39	-362.99	-718.82	983.17	872.06	111.11	8.848	
3,800.00	3,788.02	3,842.79	3,784.38	13.50	101.30	-179.28	-360.64	-718.82	995.17	880.43	114.75	8.673	
3,900.00	3,887.16	3,938.23	3,879.79	13.86	104.57	-179.35	-361.81	-718.82	1,008.78	890.40	118.38	8.522	
4,000.00	3,986.30	4,045.10	3,986.30	14.23	108.46	-179.41	-362.99	-718.82	1,022.34	899.70	122.63	8.336	
4,100.00	4,085.45	4,144.24	4,085.45	14.59	112.36	-179.42	-362.99	-718.82	1,035.39	908.51	126.89	8.160	
4,200.00	4,184.59	4,243.39	4,184.59	14.95	116.25	-179.43	-362.99	-718.82	1,048.45	917.31	131.14	7.995	
4,300.00	4,283.74	4,338.89	4,280.01	15.31	120.00	-179.32	-360.61	-718.82	1,060.44	925.19	135.25	7.841	
4,400.00	4,382.88	4,434.10	4,375.18	15.68	123.74	-179.38	-361.75	-718.82	1,074.03	934.69	139.34	7.708	
4,500.00	4,482.02	4,541.51	4,482.02	16.04	128.17	-179.45	-362.99	-718.82	1,087.62	943.47	144.15	7.545	
4,600.00	4,581.17	4,640.66	4,581.17	16.40	132.58	-179.46	-362.99	-718.82	1,100.67	951.75	148.92	7.391	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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) Sunray-Mid Cofowler 001 - P&A - OH - OH

Offset Site Error: 0.00 usft
Offset Well Error: 0.00 usft

Survey Program: 500-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	
4,700.00	4,680.31	4,739.80	4,680.31	16.77	136.99	-179.46	-362.99	-718.82	1,113.73	960.04	153.69	7.247	
4,800.00	4,779.46	4,838.94	4,779.46	17.13	141.41	-179.47	-362.99	-718.82	1,126.78	968.32	158.47	7.111	
4,900.00	4,878.60	4,938.09	4,878.60	17.49	145.82	-179.47	-362.99	-718.82	1,139.84	976.60	163.24	6.983	
5,000.00	4,977.74	5,000.00	4,939.58	17.86	148.57	-179.48	-362.99	-718.82	1,153.52	987.29	166.23	6.939	SF
5,100.00	5,076.89	5,000.00	4,939.58	18.22	148.57	-179.48	-362.99	-718.82	1,174.01	1,008.52	165.48	7.094	
5,200.00	5,176.03	5,000.00	4,939.58	18.59	148.57	-179.48	-362.99	-718.82	1,202.48	1,038.79	163.70	7.346	
5,300.00	5,275.18	5,000.00	4,939.58	18.95	148.57	-179.48	-362.99	-718.82	1,238.40	1,077.35	161.05	7.689	
5,400.00	5,374.32	5,000.00	4,939.58	19.32	148.57	-179.48	-362.99	-718.82	1,281.13	1,123.38	157.75	8.121	
5,500.00	5,473.47	5,000.00	4,939.58	19.68	148.57	-179.48	-362.99	-718.82	1,330.03	1,176.05	153.98	8.638	
5,600.00	5,572.61	5,000.00	4,939.58	20.05	148.57	-179.48	-362.99	-718.82	1,384.43	1,234.52	149.91	9.235	
5,700.00	5,671.75	5,000.00	4,939.58	20.41	148.57	-179.48	-362.99	-718.82	1,443.72	1,298.03	145.69	9.910	
5,800.00	5,770.90	5,000.00	4,939.58	20.78	148.57	-179.48	-362.99	-718.82	1,507.31	1,365.89	141.43	10.658	
5,900.00	5,870.04	5,000.00	4,939.58	21.15	148.57	-179.48	-362.99	-718.82	1,574.69	1,437.48	137.21	11.477	
6,000.00	5,969.19	5,000.00	4,939.58	21.51	148.57	-179.48	-362.99	-718.82	1,645.40	1,512.30	133.10	12.362	
6,100.00	6,068.33	5,000.00	4,939.58	21.88	148.57	-179.48	-362.99	-718.82	1,719.01	1,589.87	129.14	13.311	
6,200.00	6,167.47	5,000.00	4,939.58	22.24	148.57	-179.48	-362.99	-718.82	1,795.18	1,669.82	125.36	14.320	
6,300.00	6,266.62	5,000.00	4,939.58	22.61	148.57	-179.48	-362.99	-718.82	1,873.59	1,751.82	121.77	15.387	
6,400.00	6,365.76	5,000.00	4,939.58	22.98	148.57	-179.48	-362.99	-718.82	1,953.97	1,835.60	118.37	16.507	
6,500.00	6,464.91	5,000.00	4,939.58	23.34	148.57	-179.48	-362.99	-718.82	2,036.10	1,920.92	115.17	17.679	
6,600.00	6,564.05	5,000.00	4,939.58	23.71	148.57	-179.48	-362.99	-718.82	2,119.75	2,007.58	112.17	18.898	
6,700.00	6,663.19	5,000.00	4,939.58	24.08	148.57	-179.48	-362.99	-718.82	2,204.77	2,095.42	109.35	20.162	
6,800.00	6,762.34	5,000.00	4,939.58	24.44	148.57	-179.48	-362.99	-718.82	2,291.00	2,184.29	106.71	21.469	
6,900.00	6,861.48	5,000.00	4,939.58	24.81	148.57	-179.48	-362.99	-718.82	2,378.31	2,274.07	104.24	22.815	
7,000.00	6,960.63	5,000.00	4,939.58	25.18	148.57	-179.48	-362.99	-718.82	2,466.58	2,364.65	101.93	24.199	
7,100.00	7,059.77	5,000.00	4,939.58	25.54	148.57	-179.48	-362.99	-718.82	2,555.72	2,455.95	99.77	25.616	
7,200.00	7,158.91	5,000.00	4,939.58	25.91	148.57	-179.48	-362.99	-718.82	2,645.63	2,547.88	97.75	27.066	
7,300.00	7,258.06	5,000.00	4,939.58	26.28	148.57	-179.48	-362.99	-718.82	2,736.25	2,640.39	95.86	28.544	
7,400.00	7,357.20	5,000.00	4,939.58	26.64	148.57	-179.48	-362.99	-718.82	2,827.49	2,733.40	94.09	30.050	
7,500.00	7,456.35	5,000.00	4,939.58	27.01	148.57	-179.48	-362.99	-718.82	2,919.31	2,826.87	92.44	31.581	
7,600.00	7,555.49	5,000.00	4,939.58	27.38	148.57	-179.48	-362.99	-718.82	3,011.65	2,920.76	90.89	33.134	
7,700.00	7,654.63	5,000.00	4,939.58	27.75	148.57	-179.48	-362.99	-718.82	3,104.47	3,015.03	89.45	34.708	
7,800.00	7,753.78	5,000.00	4,939.58	28.11	148.57	-179.48	-362.99	-718.82	3,197.72	3,109.63	88.09	36.300	
7,900.00	7,852.92	5,000.00	4,939.58	28.48	148.57	-179.48	-362.99	-718.82	3,291.36	3,204.54	86.82	37.909	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		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	
0.00	0.00	20.20	0.00	0.00	0.06	-84.51	256.70	-2,668.66	2,680.98				
100.00	100.00	120.20	100.00	0.28	0.35	-84.51	256.70	-2,668.66	2,680.98	2,680.35	0.62	4,293.287	
200.00	200.00	220.20	200.00	0.63	0.71	-84.51	256.70	-2,668.66	2,680.98	2,679.64	1.34	1,998.640	
300.00	300.00	320.20	300.00	0.99	1.07	-84.51	256.70	-2,668.66	2,680.98	2,678.92	2.06	1,302.492	
400.00	400.00	420.20	400.00	1.35	1.42	-84.51	256.70	-2,668.66	2,680.98	2,678.20	2.78	966.018	
408.23	408.23	428.43	408.23	1.38	1.45	-84.51	256.70	-2,668.66	2,680.98	2,678.14	2.83	945.910	CC
500.00	500.00	500.00	479.80	1.71	1.71	-84.51	256.70	-2,668.66	2,681.05	2,677.63	3.42	783.955	ES
600.00	600.00	562.93	542.73	2.07	1.93	-84.51	256.60	-2,669.34	2,682.26	2,678.26	4.00	670.868	
700.00	700.00	600.00	579.78	2.43	2.06	-84.51	256.45	-2,670.39	2,685.37	2,680.88	4.49	598.726	
800.00	800.00	667.48	647.18	2.79	2.29	-84.53	256.01	-2,673.51	2,690.08	2,685.01	5.07	530.184	
900.00	900.00	700.00	679.64	3.14	2.41	-84.54	255.72	-2,675.57	2,696.78	2,691.24	5.54	486.899	
1,000.00	1,000.00	771.58	750.97	3.50	2.66	-84.57	254.89	-2,681.40	2,704.97	2,698.83	6.14	440.432	
1,100.00	1,100.00	845.04	824.04	3.86	2.92	-84.61	253.84	-2,688.86	2,714.87	2,708.12	6.75	402.092	
1,200.00	1,200.00	944.49	922.95	4.22	3.27	-84.66	252.38	-2,699.15	2,725.04	2,717.58	7.46	365.301	
1,300.00	1,300.00	1,043.94	1,021.86	4.58	3.62	-84.71	250.92	-2,709.43	2,735.21	2,727.04	8.17	334.735	
1,400.00	1,400.00	1,143.40	1,120.77	4.94	3.98	-84.76	249.46	-2,719.72	2,745.38	2,736.50	8.88	309.104	
1,500.00	1,500.00	1,242.85	1,219.68	5.29	4.34	-84.81	248.00	-2,730.01	2,755.55	2,745.95	9.60	287.155	
1,600.00	1,600.00	1,342.30	1,318.58	5.65	4.70	-84.86	246.54	-2,740.30	2,765.72	2,755.41	10.31	268.225	
1,700.00	1,700.00	1,441.75	1,417.49	6.01	5.06	-84.91	245.08	-2,750.59	2,775.90	2,764.87	11.03	251.731	
1,800.00	1,800.00	1,541.21	1,516.40	6.37	5.42	-84.96	243.62	-2,760.88	2,786.08	2,774.33	11.74	237.233	
1,900.00	1,900.00	1,640.66	1,615.31	6.73	5.78	-85.01	242.16	-2,771.17	2,796.26	2,783.80	12.46	224.393	
2,000.00	2,000.00	1,740.11	1,714.22	7.09	6.14	-85.05	240.70	-2,781.46	2,806.44	2,793.26	13.18	212.943	
2,100.00	2,100.00	1,839.56	1,813.13	7.45	6.50	-85.10	239.25	-2,791.74	2,816.62	2,802.73	13.90	202.670	
2,200.00	2,200.00	1,938.97	1,911.99	7.80	6.87	-147.57	237.79	-2,802.03	2,827.18	2,812.56	14.61	193.457	
2,300.00	2,299.93	2,038.01	2,010.49	8.15	7.23	-147.51	236.33	-2,812.27	2,840.29	2,824.97	15.32	185.369	
2,400.00	2,399.68	2,136.53	2,108.47	8.50	7.59	-147.46	234.89	-2,822.47	2,856.33	2,840.30	16.03	178.200	
2,500.00	2,499.13	2,234.41	2,205.81	8.85	7.94	-147.41	233.45	-2,832.59	2,875.28	2,858.55	16.73	171.846	
2,600.00	2,598.29	2,331.75	2,302.61	9.21	8.30	-147.53	232.03	-2,842.66	2,896.33	2,878.90	17.43	166.158	
2,700.00	2,697.43	2,429.06	2,399.40	9.56	8.65	-147.71	230.60	-2,852.73	2,917.50	2,899.37	18.13	160.927	
2,800.00	2,796.58	2,526.38	2,496.18	9.92	9.01	-147.89	229.17	-2,862.80	2,938.70	2,919.87	18.83	156.075	
2,900.00	2,895.72	2,623.69	2,592.96	10.27	9.37	-148.07	227.74	-2,872.86	2,959.92	2,940.39	19.53	151.562	
3,000.00	2,994.86	2,721.01	2,689.74	10.63	9.72	-148.24	226.31	-2,882.93	2,981.17	2,960.94	20.23	147.355	
3,100.00	3,094.01	2,818.32	2,786.52	10.98	10.08	-148.41	224.89	-2,893.00	3,002.45	2,981.52	20.93	143.425	
3,200.00	3,193.15	2,915.64	2,883.31	11.34	10.43	-148.58	223.46	-2,903.07	3,023.75	3,002.12	21.64	139.746	
3,300.00	3,292.30	3,012.95	2,980.09	11.70	10.79	-148.75	222.03	-2,913.13	3,045.08	3,022.74	22.34	136.294	
3,400.00	3,391.44	3,110.27	3,076.87	12.06	11.15	-148.91	220.60	-2,923.20	3,066.43	3,043.39	23.05	133.050	
3,500.00	3,490.58	3,207.58	3,173.65	12.42	11.50	-149.08	219.18	-2,933.27	3,087.81	3,064.06	23.75	129.997	
3,600.00	3,589.73	3,304.90	3,270.44	12.78	11.86	-149.23	217.75	-2,943.34	3,109.21	3,084.75	24.46	127.117	
3,700.00	3,688.87	3,402.21	3,367.22	13.14	12.22	-149.39	216.32	-2,953.40	3,130.63	3,105.47	25.17	124.396	
3,800.00	3,788.02	3,499.53	3,464.00	13.50	12.57	-149.55	214.89	-2,963.47	3,152.08	3,126.20	25.87	121.823	
3,900.00	3,887.16	3,596.84	3,560.78	13.86	12.93	-149.70	213.47	-2,973.54	3,173.54	3,146.96	26.58	119.385	
4,000.00	3,986.30	3,694.16	3,657.57	14.23	13.28	-149.85	212.04	-2,983.61	3,195.03	3,167.74	27.29	117.073	
4,100.00	4,085.45	3,791.47	3,754.35	14.59	13.64	-150.00	210.61	-2,993.67	3,216.54	3,188.54	28.00	114.877	
4,200.00	4,184.59	3,888.79	3,851.13	14.95	14.00	-150.15	209.18	-3,003.74	3,238.07	3,209.36	28.71	112.788	
4,300.00	4,283.74	3,986.10	3,947.91	15.31	14.35	-150.30	207.76	-3,013.81	3,259.62	3,230.20	29.42	110.799	
4,400.00	4,382.88	4,083.42	4,044.70	15.68	14.71	-150.44	206.33	-3,023.88	3,281.19	3,251.06	30.13	108.904	
4,500.00	4,482.02	4,180.73	4,141.48	16.04	15.07	-150.58	204.90	-3,033.94	3,302.78	3,271.94	30.84	107.095	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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:				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	
0.00	0.00	19.70	0.00	0.00	0.05	-84.42	257.03	-2,628.66	2,641.20				
100.00	100.00	119.70	100.00	0.28	0.35	-84.42	257.03	-2,628.66	2,641.20	2,640.57	0.62	4,241.756	
200.00	200.00	219.70	200.00	0.63	0.71	-84.42	257.03	-2,628.66	2,641.20	2,639.86	1.34	1,971.618	
300.00	300.00	319.70	300.00	0.99	1.06	-84.42	257.03	-2,628.66	2,641.20	2,639.14	2.06	1,284.284	
400.00	400.00	419.70	400.00	1.35	1.42	-84.42	257.03	-2,628.66	2,641.20	2,638.42	2.77	952.299	
500.00	500.00	751.76	731.73	1.71	2.59	-84.42	255.96	-2,617.66	2,640.33	2,636.04	4.29	614.751	
600.00	600.00	895.68	874.90	2.07	3.10	-84.42	254.54	-2,603.09	2,629.91	2,624.76	5.15	510.372	
700.00	700.00	995.13	973.81	2.43	3.45	-84.41	253.54	-2,592.74	2,619.46	2,613.60	5.86	446.975	
800.00	800.00	1,094.58	1,072.72	2.79	3.81	-84.41	252.53	-2,582.39	2,609.00	2,602.43	6.57	397.080	
900.00	900.00	1,194.03	1,171.63	3.14	4.16	-84.41	251.53	-2,572.05	2,598.55	2,591.27	7.28	356.828	
1,000.00	1,000.00	1,293.48	1,270.53	3.50	4.52	-84.41	250.52	-2,561.70	2,588.10	2,580.10	8.00	323.677	
1,100.00	1,100.00	1,392.94	1,369.44	3.86	4.88	-84.41	249.51	-2,551.35	2,577.64	2,568.93	8.71	295.922	
1,200.00	1,200.00	1,492.39	1,468.35	4.22	5.24	-84.41	248.51	-2,541.00	2,567.19	2,557.77	9.43	272.351	
1,300.00	1,300.00	1,591.84	1,567.25	4.58	5.60	-84.41	247.50	-2,530.66	2,556.74	2,546.60	10.14	252.088	
1,400.00	1,400.00	1,691.29	1,666.16	4.94	5.96	-84.41	246.50	-2,520.31	2,546.29	2,535.43	10.86	234.486	
1,500.00	1,500.00	1,790.75	1,765.07	5.29	6.33	-84.41	245.49	-2,509.96	2,535.83	2,524.26	11.58	219.055	
1,600.00	1,600.00	1,890.20	1,863.98	5.65	6.69	-84.41	244.48	-2,499.62	2,525.38	2,513.09	12.29	205.417	
1,700.00	1,700.00	1,989.65	1,962.88	6.01	7.05	-84.41	243.48	-2,489.27	2,514.93	2,501.91	13.01	193.279	
1,800.00	1,800.00	2,089.10	2,061.79	6.37	7.41	-84.41	242.47	-2,478.92	2,504.47	2,490.74	13.73	182.407	
1,900.00	1,900.00	2,188.55	2,160.70	6.73	7.77	-84.41	241.47	-2,468.58	2,494.02	2,479.57	14.45	172.613	
2,000.00	2,000.00	2,288.01	2,259.61	7.09	8.14	-84.41	240.46	-2,458.23	2,483.57	2,468.40	15.17	163.744	
2,100.00	2,100.00	2,387.46	2,358.51	7.45	8.50	-84.41	239.45	-2,447.88	2,473.11	2,457.23	15.89	155.676	
2,200.00	2,200.00	2,486.95	2,457.46	7.80	8.86	-146.94	238.45	-2,437.53	2,463.03	2,446.42	16.60	148.352	
2,300.00	2,299.93	2,586.64	2,556.60	8.15	9.23	-147.07	237.44	-2,427.16	2,455.49	2,438.17	17.31	141.832	
2,400.00	2,399.68	2,686.45	2,655.87	8.50	9.59	-147.21	236.43	-2,416.78	2,450.88	2,432.85	18.02	135.977	
2,500.00	2,499.13	2,786.27	2,755.14	8.85	9.96	-147.36	235.42	-2,406.39	2,449.21	2,430.47	18.74	130.717	
2,525.40	2,524.34	2,811.61	2,780.35	8.94	10.05	-147.40	235.16	-2,403.75	2,449.18	2,430.27	18.92	129.466	CC
2,600.00	2,598.29	2,886.02	2,854.34	9.21	10.32	-147.52	234.41	-2,396.01	2,449.67	2,430.22	19.45	125.947	
2,700.00	2,697.43	2,985.77	2,953.54	9.56	10.69	-147.69	233.40	-2,385.64	2,450.25	2,430.08	20.16	121.512	
2,800.00	2,796.58	3,085.51	3,052.74	9.92	11.05	-147.86	232.39	-2,375.26	2,450.85	2,429.96	20.88	117.373	
2,900.00	2,895.72	3,185.25	3,151.94	10.27	11.41	-148.02	231.38	-2,364.88	2,451.46	2,429.87	21.60	113.504	
3,000.00	2,994.86	3,285.00	3,251.14	10.63	11.78	-148.19	230.37	-2,354.50	2,452.10	2,429.79	22.32	109.879	
3,100.00	3,094.01	3,384.74	3,350.33	10.98	12.14	-148.35	229.36	-2,344.13	2,452.76	2,429.73	23.04	106.476	
3,200.00	3,193.15	3,484.49	3,449.53	11.34	12.51	-148.52	228.36	-2,333.75	2,453.44	2,429.69	23.76	103.276	
3,300.00	3,292.30	3,584.23	3,548.73	11.70	12.87	-148.68	227.35	-2,323.37	2,454.14	2,429.66	24.48	100.262	
3,400.00	3,391.44	3,683.98	3,647.93	12.06	13.24	-148.85	226.34	-2,312.99	2,454.86	2,429.66	25.20	97.419	ES
3,500.00	3,490.58	3,783.72	3,747.13	12.42	13.60	-149.02	225.33	-2,302.62	2,455.60	2,429.68	25.92	94.732	
3,600.00	3,589.73	3,883.46	3,846.32	12.78	13.97	-149.18	224.32	-2,292.24	2,456.37	2,429.72	26.64	92.189	
3,700.00	3,688.87	3,983.21	3,945.52	13.14	14.33	-149.35	223.31	-2,281.86	2,457.15	2,429.78	27.37	89.780	
3,800.00	3,788.02	4,082.95	4,044.72	13.50	14.70	-149.51	222.30	-2,271.48	2,457.95	2,429.86	28.09	87.494	
3,900.00	3,887.16	4,182.70	4,143.92	13.86	15.06	-149.68	221.29	-2,261.11	2,458.78	2,429.96	28.82	85.321	
4,000.00	3,986.30	4,282.44	4,243.12	14.23	15.43	-149.84	220.28	-2,250.73	2,459.62	2,430.08	29.54	83.255	
4,100.00	4,085.45	4,382.19	4,342.31	14.59	15.79	-150.01	219.28	-2,240.35	2,460.49	2,430.22	30.27	81.287	
4,200.00	4,184.59	4,481.93	4,441.51	14.95	16.16	-150.17	218.27	-2,229.98	2,461.37	2,430.38	31.00	79.411	
4,300.00	4,283.74	4,581.68	4,540.71	15.31	16.52	-150.34	217.26	-2,219.60	2,462.28	2,430.56	31.72	77.621	
4,400.00	4,382.88	4,681.42	4,639.91	15.68	16.89	-150.50	216.25	-2,209.22	2,463.20	2,430.75	32.45	75.911	
4,500.00	4,482.02	4,781.16	4,739.11	16.04	17.26	-150.66	215.24	-2,198.84	2,464.15	2,430.97	33.18	74.275	
4,600.00	4,581.17	4,880.91	4,838.30	16.40	17.62	-150.83	214.23	-2,188.47	2,465.12	2,431.21	33.90	72.710	
4,700.00	4,680.31	4,980.65	4,937.50	16.77	17.99	-150.99	213.22	-2,178.09	2,466.10	2,431.47	34.63	71.210	
4,800.00	4,779.46	5,080.40	5,036.70	17.13	18.35	-151.16	212.21	-2,167.71	2,467.11	2,431.75	35.36	69.772	
4,900.00	4,878.60	5,180.14	5,135.90	17.49	18.72	-151.32	211.20	-2,157.33	2,468.14	2,432.05	36.09	68.392	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
5,000.00	4,977.74	5,279.89	5,235.10	17.86	19.08	-151.48	210.19	-2,146.96	2,469.19	2,432.37	36.82	67.066	
5,100.00	5,076.89	5,379.63	5,334.29	18.22	19.45	-151.65	209.19	-2,136.58	2,470.25	2,432.71	37.55	65.793	
5,200.00	5,176.03	5,479.37	5,433.49	18.59	19.81	-151.81	208.18	-2,126.20	2,471.34	2,433.07	38.28	64.568	
5,300.00	5,275.18	5,579.12	5,532.69	18.95	20.18	-151.97	207.17	-2,115.83	2,472.45	2,433.45	39.00	63.389	
5,400.00	5,374.32	5,678.86	5,631.89	19.32	20.54	-152.14	206.16	-2,105.45	2,473.58	2,433.85	39.73	62.253	
5,500.00	5,473.47	5,759.90	5,712.48	19.68	20.84	-152.27	205.35	-2,097.10	2,474.88	2,434.48	40.40	61.258	
5,600.00	5,572.61	5,800.00	5,752.43	20.05	20.99	-152.33	205.00	-2,093.51	2,477.80	2,436.89	40.92	60.559	
5,700.00	5,671.75	5,867.02	5,819.27	20.41	21.23	-152.44	204.53	-2,088.75	2,482.46	2,440.94	41.52	59.796	
5,800.00	5,770.90	5,900.00	5,852.21	20.78	21.35	-152.49	204.36	-2,086.97	2,489.21	2,447.24	41.97	59.314	
5,900.00	5,870.04	5,973.74	5,925.90	21.15	21.61	-152.60	204.11	-2,084.38	2,497.51	2,454.94	42.57	58.663	
6,000.00	5,969.19	6,026.86	5,979.01	21.51	21.80	-152.67	204.04	-2,083.68	2,507.82	2,464.74	43.08	58.215	
6,100.00	6,068.33	6,116.18	6,068.33	21.88	22.10	-152.79	204.04	-2,083.66	2,519.40	2,475.67	43.73	57.611	
6,200.00	6,167.47	6,215.32	6,167.47	22.24	22.43	-152.93	204.04	-2,083.66	2,531.04	2,486.61	44.43	56.971	
6,300.00	6,266.62	6,314.47	6,266.62	22.61	22.76	-153.06	204.04	-2,083.66	2,542.70	2,497.57	45.12	56.349	
6,400.00	6,365.76	6,413.61	6,365.76	22.98	23.10	-153.19	204.04	-2,083.66	2,554.36	2,508.54	45.82	55.746	
6,500.00	6,464.91	6,512.75	6,464.91	23.34	23.44	-153.33	204.04	-2,083.66	2,566.04	2,519.52	46.52	55.161	
6,600.00	6,564.05	6,611.90	6,564.05	23.71	23.77	-153.46	204.04	-2,083.66	2,577.74	2,530.52	47.22	54.592	
6,700.00	6,663.19	6,711.04	6,663.19	24.08	24.11	-153.59	204.04	-2,083.66	2,589.44	2,541.52	47.92	54.039	
6,800.00	6,762.34	6,810.19	6,762.34	24.44	24.45	-153.71	204.04	-2,083.66	2,601.16	2,552.54	48.62	53.502	
6,900.00	6,861.48	6,909.33	6,861.48	24.81	24.78	-153.84	204.04	-2,083.66	2,612.89	2,563.57	49.32	52.979	
7,000.00	6,960.63	7,008.47	6,960.63	25.18	25.12	-153.96	204.04	-2,083.66	2,624.64	2,574.62	50.02	52.471	
7,100.00	7,059.77	7,107.62	7,059.77	25.54	25.46	-154.09	204.04	-2,083.66	2,636.39	2,585.67	50.72	51.976	
7,200.00	7,158.91	7,206.76	7,158.91	25.91	25.80	-154.21	204.04	-2,083.66	2,648.16	2,596.74	51.43	51.495	
7,300.00	7,258.06	7,305.91	7,258.06	26.28	26.14	-154.33	204.04	-2,083.66	2,659.94	2,607.81	52.13	51.026	
7,400.00	7,357.20	7,405.05	7,357.20	26.64	26.48	-154.46	204.04	-2,083.66	2,671.74	2,618.90	52.83	50.570	
7,500.00	7,456.35	7,504.19	7,456.35	27.01	26.82	-154.58	204.04	-2,083.66	2,683.54	2,630.00	53.54	50.125	
7,600.00	7,555.49	7,603.34	7,555.49	27.38	27.16	-154.69	204.04	-2,083.66	2,695.36	2,641.11	54.24	49.691	
7,700.00	7,654.63	7,702.48	7,654.63	27.75	27.50	-154.81	204.04	-2,083.66	2,707.18	2,652.24	54.95	49.269	
7,800.00	7,753.78	7,801.63	7,753.78	28.11	27.85	-154.93	204.04	-2,083.66	2,719.02	2,663.37	55.65	48.857	
7,900.00	7,852.92	7,900.77	7,852.92	28.48	28.19	-155.05	204.04	-2,083.66	2,730.87	2,674.51	56.36	48.455	
8,000.00	7,952.07	7,999.91	7,952.07	28.85	28.53	-155.16	204.04	-2,083.66	2,742.73	2,685.67	57.07	48.062	
8,100.00	8,051.21	8,099.06	8,051.21	29.22	28.87	-155.27	204.04	-2,083.66	2,754.60	2,696.83	57.77	47.680	
8,200.00	8,150.35	8,198.20	8,150.35	29.58	29.22	-155.39	204.04	-2,083.66	2,766.49	2,708.01	58.48	47.306	
8,300.00	8,249.50	8,297.35	8,249.50	29.95	29.56	-155.50	204.04	-2,083.66	2,778.38	2,719.19	59.19	46.941	
8,400.00	8,348.64	8,396.49	8,348.64	30.32	29.90	-155.61	204.04	-2,083.66	2,790.28	2,730.39	59.90	46.585	
8,500.00	8,447.79	8,495.63	8,447.79	30.69	30.25	-155.72	204.04	-2,083.66	2,802.20	2,741.59	60.61	46.237	
8,600.00	8,546.93	8,594.78	8,546.93	31.06	30.59	-155.83	204.04	-2,083.66	2,814.12	2,752.80	61.31	45.897	
8,700.00	8,646.07	8,693.92	8,646.07	31.42	30.94	-155.94	204.04	-2,083.66	2,826.05	2,764.03	62.02	45.564	
8,800.00	8,745.22	8,793.07	8,745.22	31.79	31.28	-156.04	204.04	-2,083.66	2,838.00	2,775.26	62.73	45.239	
8,900.00	8,844.36	8,892.21	8,844.36	32.16	31.63	-156.15	204.04	-2,083.66	2,849.95	2,786.51	63.44	44.921	
9,000.00	8,943.51	8,991.35	8,943.51	32.53	31.97	-156.26	204.04	-2,083.66	2,861.91	2,797.76	64.15	44.610	
9,100.00	9,042.65	9,090.50	9,042.65	32.90	32.32	-156.39	204.04	-2,083.66	2,873.88	2,809.01	64.86	44.306	
9,200.00	9,141.96	9,194.06	9,146.21	33.26	32.68	-122.66	203.98	-2,083.65	2,882.77	2,817.17	65.59	43.950	
9,300.00	9,241.23	9,379.67	9,328.14	33.62	33.29	-94.81	172.00	-2,078.01	2,884.36	2,817.70	66.66	43.273	
9,400.00	9,338.38	9,509.32	9,444.53	33.97	33.69	-96.53	116.39	-2,068.20	2,883.12	2,815.68	67.44	42.752	
9,402.83	9,341.06	9,512.03	9,446.82	33.98	33.70	-96.58	114.95	-2,067.95	2,883.12	2,815.66	67.46	42.741	
9,500.00	9,430.04	9,579.80	9,501.60	34.31	33.88	-97.53	75.72	-2,061.03	2,885.05	2,817.08	67.97	42.446	
9,600.00	9,513.42	9,610.73	9,524.95	34.62	33.97	-97.43	55.76	-2,057.51	2,891.99	2,823.67	68.33	42.326	SF
9,700.00	9,585.99	9,617.52	9,529.93	34.89	33.98	-96.32	51.21	-2,056.71	2,904.44	2,835.89	68.55	42.369	
9,800.00	9,645.53	9,609.39	9,523.96	35.10	33.96	-94.37	56.65	-2,057.67	2,922.12	2,853.44	68.67	42.550	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:		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
9,900.00	9,690.25	9,591.62	9,510.65	35.27	33.92	-91.75	68.24	-2,059.71	2,944.27	2,875.55	68.72	42.844	0.00 usft
10,000.00	9,719.27	9,567.66	9,492.13	35.42	33.85	-89.13	83.22	-2,062.36	2,969.91	2,901.20	68.71	43.223	0.00 usft
10,100.00	9,738.00	9,550.00	9,478.09	35.59	33.80	-87.34	93.76	-2,064.21	2,998.24	2,929.51	68.73	43.627	
10,200.00	9,748.11	9,517.32	9,451.26	35.75	33.71	-85.17	112.12	-2,067.45	3,028.79	2,960.14	68.65	44.119	
10,300.00	9,750.01	9,500.00	9,436.62	35.92	33.66	-83.76	121.24	-2,069.06	3,061.30	2,992.64	68.66	44.587	
10,400.00	9,750.01	9,469.91	9,410.55	36.09	33.57	-83.25	136.02	-2,071.67	3,096.09	3,027.50	68.60	45.135	
10,500.00	9,750.01	9,450.00	9,392.87	36.29	33.51	-82.90	145.05	-2,073.26	3,133.40	3,064.80	68.60	45.679	
10,600.00	9,750.00	9,433.11	9,377.64	36.50	33.46	-82.61	152.24	-2,074.53	3,173.17	3,104.55	68.62	46.244	
10,700.00	9,750.00	9,417.87	9,363.72	36.73	33.42	-82.34	158.33	-2,075.60	3,215.34	3,146.69	68.65	46.835	
10,800.00	9,750.00	9,400.00	9,347.19	36.97	33.36	-82.02	165.02	-2,076.78	3,259.88	3,191.20	68.67	47.468	
10,900.00	9,750.00	9,400.00	9,347.19	37.22	33.36	-82.02	165.02	-2,076.78	3,306.71	3,237.90	68.81	48.055	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:		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	0.20	0.00	0.00	89.51	0.17	20.00	20.00				
100.00	100.00	99.80	100.00	0.28	0.28	89.51	0.17	20.00	20.00	19.45	0.55	36.266	
200.00	200.00	199.80	200.00	0.63	0.63	89.51	0.17	20.00	20.00	18.73	1.27	15.770	
300.00	300.00	299.80	300.00	0.99	0.99	89.51	0.17	20.00	20.00	18.02	1.99	10.075	
400.00	400.00	399.80	400.00	1.35	1.35	89.51	0.17	20.00	20.00	17.30	2.70	7.402	
500.00	500.00	499.80	500.00	1.71	1.71	89.51	0.17	20.00	20.00	16.58	3.42	5.850	CC, ES
600.00	600.00	599.29	599.47	2.07	2.06	86.10	1.44	21.16	21.22	17.08	4.13	5.135	
700.00	700.00	698.54	698.58	2.43	2.42	77.97	5.25	24.63	25.23	20.39	4.84	5.212	
800.00	800.00	797.79	797.49	2.79	2.78	69.46	11.30	30.15	32.30	26.75	5.55	5.822	
900.00	900.00	897.41	896.73	3.14	3.13	63.81	17.71	36.01	40.26	34.00	6.26	6.431	
1,000.00	1,000.00	997.03	995.97	3.50	3.49	60.04	24.13	41.86	48.48	41.51	6.97	6.952	
1,100.00	1,100.00	1,096.65	1,095.21	3.86	3.85	57.38	30.54	47.71	56.85	49.16	7.69	7.394	
1,200.00	1,200.00	1,196.27	1,194.45	4.22	4.21	55.40	36.95	53.56	65.30	56.90	8.40	7.770	
1,300.00	1,300.00	1,295.89	1,293.70	4.58	4.56	53.87	43.36	59.41	73.82	64.70	9.12	8.094	
1,400.00	1,400.00	1,395.51	1,392.94	4.94	4.92	52.67	49.78	65.26	82.38	72.54	9.84	8.374	
1,500.00	1,500.00	1,495.13	1,492.18	5.29	5.28	51.69	56.19	71.11	90.97	80.41	10.56	8.618	
1,600.00	1,600.00	1,594.75	1,591.42	5.65	5.64	50.87	62.60	76.96	99.58	88.31	11.27	8.833	
1,700.00	1,700.00	1,694.37	1,690.66	6.01	6.00	50.19	69.02	82.81	108.21	96.22	11.99	9.024	
1,800.00	1,800.00	1,793.99	1,789.90	6.37	6.36	49.61	75.43	88.67	116.85	104.14	12.71	9.194	
1,900.00	1,900.00	1,893.61	1,889.14	6.73	6.72	49.11	81.84	94.52	125.50	112.07	13.43	9.346	
2,000.00	2,000.00	1,993.23	1,988.38	7.09	7.08	48.67	88.26	100.37	134.16	120.01	14.15	9.484	
2,100.00	2,100.00	2,092.85	2,087.62	7.45	7.44	48.29	94.67	106.22	142.82	127.96	14.86	9.608	
2,200.00	2,200.00	2,192.50	2,186.89	7.80	7.81	-14.54	101.08	112.07	151.07	135.49	15.58	9.696	
2,300.00	2,299.93	2,292.34	2,286.35	8.15	8.17	-15.14	107.51	117.94	156.38	140.09	16.29	9.599	
2,400.00	2,399.68	2,392.28	2,385.92	8.50	8.53	-16.06	113.94	123.81	158.36	141.36	17.00	9.313	
2,500.00	2,499.13	2,492.20	2,485.46	8.85	8.89	-17.35	120.38	129.67	157.04	139.32	17.72	8.863	
2,600.00	2,598.29	2,592.05	2,584.92	9.21	9.25	-18.95	126.80	135.54	153.42	134.99	18.43	8.323	
2,700.00	2,697.43	2,691.88	2,684.38	9.56	9.61	-20.64	133.23	141.40	149.83	130.68	19.15	7.824	
2,800.00	2,796.58	2,791.72	2,783.83	9.92	9.98	-22.41	139.66	147.27	146.37	126.50	19.87	7.367	
2,900.00	2,895.72	2,891.55	2,883.29	10.27	10.34	-24.27	146.08	153.13	143.06	122.47	20.59	6.948	
3,000.00	2,994.86	2,991.39	2,982.74	10.63	10.70	-26.21	152.51	158.99	139.91	118.60	21.31	6.565	
3,100.00	3,094.01	3,091.22	3,082.20	10.98	11.06	-28.23	158.94	164.86	136.92	114.89	22.03	6.214	
3,200.00	3,193.15	3,191.06	3,181.65	11.34	11.42	-30.34	165.37	170.72	134.12	111.36	22.76	5.893	
3,300.00	3,292.30	3,290.89	3,281.11	11.70	11.79	-32.54	171.79	176.58	131.50	108.02	23.48	5.600	
3,400.00	3,391.44	3,390.73	3,380.57	12.06	12.15	-34.83	178.22	182.45	129.09	104.88	24.21	5.332	
3,500.00	3,490.58	3,490.56	3,480.02	12.42	12.51	-37.20	184.65	188.31	126.89	101.95	24.93	5.089	
3,600.00	3,589.73	3,590.40	3,579.48	12.78	12.87	-39.65	191.07	194.18	124.91	99.25	25.66	4.868	
3,700.00	3,688.87	3,690.23	3,678.93	13.14	13.23	-42.17	197.50	200.04	123.17	96.78	26.39	4.668	
3,800.00	3,788.02	3,790.07	3,778.39	13.50	13.60	-44.76	203.93	205.90	121.68	94.56	27.11	4.488	
3,900.00	3,887.16	3,889.90	3,877.84	13.86	13.96	-47.40	210.35	211.77	120.44	92.60	27.84	4.326	
4,000.00	3,986.30	3,991.49	3,979.08	14.23	14.33	-50.25	216.59	217.46	119.12	90.54	28.58	4.168	
4,100.00	4,085.45	4,094.73	4,082.17	14.59	14.70	-54.06	220.57	221.09	115.50	86.20	29.31	3.941	
4,200.00	4,184.59	4,197.17	4,184.59	14.95	15.06	-59.26	221.81	222.22	109.60	79.59	30.01	3.653	
4,300.00	4,283.74	4,296.32	4,283.74	15.31	15.41	-65.44	221.81	222.22	103.49	72.78	30.71	3.370	
4,400.00	4,382.88	4,395.46	4,382.88	15.68	15.76	-72.29	221.81	222.22	98.74	67.32	31.41	3.143	
4,500.00	4,482.02	4,494.60	4,482.02	16.04	16.10	-79.71	221.81	222.22	95.55	63.43	32.11	2.975	
4,600.00	4,581.17	4,593.75	4,581.17	16.40	16.45	-87.49	221.81	222.22	94.07	61.27	32.81	2.868	
4,631.86	4,612.75	4,625.33	4,612.75	16.52	16.56	-90.00	221.81	222.22	93.98	60.96	33.03	2.846	
4,700.00	4,680.31	4,692.89	4,680.31	16.77	16.80	-95.36	221.81	222.22	94.40	60.91	33.49	2.818	SF
4,800.00	4,779.46	4,792.04	4,779.46	17.13	17.15	-103.04	221.81	222.22	96.51	62.33	34.18	2.823	
4,900.00	4,878.60	4,891.18	4,878.60	17.49	17.50	-110.27	221.81	222.22	100.29	65.42	34.87	2.876	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Warning
Measured Reference	Vertical Offset	Measured	Vertical	Reference	Offset	Highside	+N/-S	+E/-W	Between	Between	Minimum	Separation	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	(usft)	(usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
5,000.00	4,977.74	4,990.32	4,977.74	17.86	17.85	-116.89	221.81	222.22	105.56	69.99	35.57	2.968	
5,100.00	5,076.89	5,089.47	5,076.89	18.22	18.20	-122.81	221.81	222.22	112.11	75.84	36.27	3.091	
5,200.00	5,176.03	5,188.61	5,176.03	18.59	18.55	-128.04	221.81	222.22	119.73	82.76	36.97	3.239	
5,300.00	5,275.18	5,287.76	5,275.18	18.95	18.90	-132.62	221.81	222.22	128.23	90.55	37.67	3.404	
5,400.00	5,374.32	5,386.90	5,374.32	19.32	19.25	-136.61	221.81	222.22	137.44	99.06	38.38	3.581	
5,500.00	5,473.47	5,486.05	5,473.47	19.68	19.61	-140.09	221.81	222.22	147.24	108.15	39.09	3.767	
5,600.00	5,572.61	5,585.19	5,572.61	20.05	19.96	-143.13	221.81	222.22	157.51	117.71	39.80	3.957	
5,700.00	5,671.75	5,684.33	5,671.75	20.41	20.31	-145.80	221.81	222.22	168.17	127.65	40.52	4.151	
5,800.00	5,770.90	5,783.48	5,770.90	20.78	20.66	-148.14	221.81	222.22	179.15	137.91	41.23	4.345	
5,900.00	5,870.04	5,882.62	5,870.04	21.15	21.01	-150.21	221.81	222.22	190.38	148.44	41.95	4.539	
6,000.00	5,969.19	5,981.77	5,969.19	21.51	21.36	-152.05	221.81	222.22	201.84	159.18	42.66	4.731	
6,100.00	6,068.33	6,080.91	6,068.33	21.88	21.72	-153.69	221.81	222.22	213.48	170.10	43.38	4.921	
6,200.00	6,167.47	6,180.05	6,167.47	22.24	22.07	-155.16	221.81	222.22	225.28	181.18	44.10	5.109	
6,300.00	6,266.62	6,279.20	6,266.62	22.61	22.42	-156.48	221.81	222.22	237.21	192.39	44.81	5.293	
6,400.00	6,365.76	6,378.34	6,365.76	22.98	22.77	-157.68	221.81	222.22	249.25	203.72	45.53	5.474	
6,500.00	6,464.91	6,477.49	6,464.91	23.34	23.12	-158.76	221.81	222.22	261.39	215.14	46.25	5.652	
6,600.00	6,564.05	6,576.63	6,564.05	23.71	23.48	-159.75	221.81	222.22	273.61	226.64	46.97	5.826	
6,700.00	6,663.19	6,675.77	6,663.19	24.08	23.83	-160.66	221.81	222.22	285.91	238.22	47.69	5.996	
6,800.00	6,762.34	6,774.92	6,762.34	24.44	24.18	-161.49	221.81	222.22	298.27	249.86	48.40	6.162	
6,900.00	6,861.48	6,874.06	6,861.48	24.81	24.53	-162.25	221.81	222.22	310.69	261.56	49.12	6.325	
7,000.00	6,960.63	6,973.21	6,960.63	25.18	24.89	-162.96	221.81	222.22	323.15	273.31	49.84	6.484	
7,100.00	7,059.77	7,072.35	7,059.77	25.54	25.24	-163.61	221.81	222.22	335.67	285.11	50.56	6.639	
7,200.00	7,158.91	7,171.49	7,158.91	25.91	25.59	-164.21	221.81	222.22	348.22	296.94	51.28	6.791	
7,300.00	7,258.06	7,270.64	7,258.06	26.28	25.95	-164.78	221.81	222.22	360.81	308.81	52.00	6.939	
7,400.00	7,357.20	7,369.78	7,357.20	26.64	26.30	-165.30	221.81	222.22	373.43	320.71	52.72	7.084	
7,500.00	7,456.35	7,468.93	7,456.35	27.01	26.65	-165.79	221.81	222.22	386.08	332.64	53.44	7.225	
7,600.00	7,555.49	7,568.07	7,555.49	27.38	27.01	-166.25	221.81	222.22	398.76	344.60	54.16	7.363	
7,700.00	7,654.63	7,667.21	7,654.63	27.75	27.36	-166.69	221.81	222.22	411.46	356.58	54.88	7.498	
7,800.00	7,753.78	7,766.36	7,753.78	28.11	27.71	-167.09	221.81	222.22	424.18	368.58	55.60	7.630	
7,900.00	7,852.92	7,865.50	7,852.92	28.48	28.07	-167.47	221.81	222.22	436.92	380.60	56.32	7.758	
8,000.00	7,952.07	7,964.65	7,952.07	28.85	28.42	-167.84	221.81	222.22	449.68	392.64	57.04	7.884	
8,100.00	8,051.21	8,063.79	8,051.21	29.22	28.77	-168.18	221.81	222.22	462.45	404.70	57.76	8.007	
8,200.00	8,150.35	8,162.93	8,150.35	29.58	29.13	-168.50	221.81	222.22	475.25	416.77	58.48	8.127	
8,300.00	8,249.50	8,262.08	8,249.50	29.95	29.48	-168.80	221.81	222.22	488.05	428.85	59.20	8.244	
8,400.00	8,348.64	8,361.22	8,348.64	30.32	29.83	-169.09	221.81	222.22	500.87	440.95	59.92	8.359	
8,500.00	8,447.79	8,460.37	8,447.79	30.69	30.19	-169.37	221.81	222.22	513.70	453.06	60.64	8.471	
8,600.00	8,546.93	8,559.51	8,546.93	31.06	30.54	-169.63	221.81	222.22	526.54	465.18	61.36	8.581	
8,700.00	8,646.07	8,658.65	8,646.07	31.42	30.89	-169.88	221.81	222.22	539.39	477.31	62.08	8.689	
8,800.00	8,745.22	8,757.80	8,745.22	31.79	31.25	-170.12	221.81	222.22	552.25	489.45	62.80	8.794	
8,900.00	8,844.36	8,856.94	8,844.36	32.16	31.60	-170.35	221.81	222.22	565.12	501.60	63.52	8.896	
9,000.00	8,943.51	8,956.09	8,943.51	32.53	31.96	-170.56	221.81	222.22	578.00	513.76	64.24	8.997	
9,100.00	9,042.65	9,055.23	9,042.65	32.90	32.31	-169.59	221.81	222.22	590.88	525.92	64.97	9.095	
9,200.00	9,141.96	9,154.54	9,141.96	33.26	32.66	-137.27	221.81	222.22	603.33	538.65	65.68	9.155	
9,300.00	9,241.23	9,253.81	9,241.23	33.62	32.92	-109.15	218.50	222.25	608.93	542.77	66.16	9.204	
9,400.00	9,338.38	9,350.00	9,338.38	33.97	33.13	-110.14	207.19	222.35	623.13	556.69	66.44	9.378	
9,500.00	9,430.04	9,441.66	9,430.04	34.31	33.28	-110.24	193.86	222.47	637.26	570.88	66.38	9.796	
9,600.00	9,513.42	9,525.04	9,513.42	34.62	33.39	-108.59	181.03	222.58	651.70	585.62	66.08	10.467	
9,700.00	9,585.99	9,600.00	9,585.99	34.89	33.42	-103.20	176.38	222.62	746.90	681.55	65.35	11.429	
9,800.00	9,645.53	9,660.00	9,645.53	35.10	33.48	-96.48	167.63	222.70	812.84	747.71	65.12	12.481	
9,900.00	9,690.25	9,705.00	9,690.25	35.27	33.48	-85.73	167.12	222.70	886.44	821.65	64.78	13.683	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				Offset Site Error:
Measured Reference	Vertical Offset	Measured Reference	Vertical Offset	Reference	Offset	Highside Toolface	+N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
10,000.00	9,719.27	9,416.51	9,396.42	35.42	33.47	-75.14	169.72	222.68	964.02	899.39	64.63	14.916	
10,100.00	9,738.00	9,400.00	9,381.32	35.59	33.42	-67.45	176.38	222.62	1,043.90	979.42	64.48	16.190	
10,200.00	9,748.11	9,400.00	9,381.32	35.75	33.42	-61.24	176.38	222.62	1,124.86	1,060.03	64.83	17.351	
10,300.00	9,750.01	9,382.81	9,365.39	35.92	33.38	-56.14	182.85	222.56	1,206.20	1,141.27	64.93	18.577	
10,400.00	9,750.01	9,370.79	9,354.14	36.09	33.34	-55.37	187.09	222.53	1,289.31	1,224.17	65.14	19.792	
10,500.00	9,750.01	9,350.00	9,334.49	36.29	33.28	-54.06	193.86	222.47	1,374.51	1,309.32	65.19	21.086	
10,600.00	9,750.00	9,350.00	9,334.49	36.50	33.28	-54.06	193.86	222.47	1,461.13	1,395.59	65.54	22.294	
10,700.00	9,750.00	9,350.00	9,334.49	36.73	33.28	-54.06	193.86	222.47	1,549.37	1,483.52	65.85	23.530	
10,800.00	9,750.00	9,350.00	9,334.49	36.97	33.28	-54.06	193.86	222.47	1,638.95	1,572.84	66.11	24.790	
10,900.00	9,750.00	9,326.18	9,311.69	37.22	33.21	-52.59	200.74	222.41	1,729.05	1,662.99	66.06	26.174	
11,000.00	9,750.00	9,319.49	9,305.23	37.49	33.19	-52.19	202.50	222.39	1,820.36	1,754.15	66.21	27.493	
11,100.00	9,750.00	9,300.00	9,286.32	37.77	33.13	-51.03	207.19	222.35	1,912.64	1,846.44	66.21	28.889	
11,200.00	9,750.00	9,300.00	9,286.32	38.06	33.13	-51.03	207.19	222.35	2,005.28	1,938.88	66.40	30.198	
11,300.00	9,750.00	9,300.00	9,286.32	38.37	33.13	-51.03	207.19	222.35	2,098.60	2,032.02	66.58	31.519	
11,400.00	9,750.00	9,300.00	9,286.32	38.69	33.13	-51.03	207.19	222.35	2,192.51	2,125.77	66.74	32.850	
11,500.00	9,750.00	9,300.00	9,286.32	39.02	33.13	-51.03	207.19	222.35	2,286.93	2,220.04	66.89	34.189	
11,600.00	9,750.00	9,300.00	9,286.32	39.37	33.13	-51.03	207.19	222.35	2,381.81	2,314.79	67.03	35.535	
11,700.00	9,750.00	9,300.00	9,286.32	39.72	33.13	-51.03	207.19	222.35	2,477.10	2,409.94	67.15	36.888	
11,800.00	9,750.00	9,300.00	9,286.32	40.09	33.13	-51.03	207.19	222.35	2,572.74	2,505.47	67.27	38.246	
11,900.00	9,750.00	9,277.69	9,264.48	40.47	33.07	-49.73	211.78	222.31	2,668.18	2,600.97	67.21	39.698	
12,000.00	9,750.00	9,274.43	9,261.28	40.86	33.05	-49.55	212.37	222.30	2,764.27	2,696.97	67.30	41.075	
12,100.00	9,750.00	9,271.36	9,258.26	41.26	33.05	-49.37	212.92	222.30	2,860.60	2,793.22	67.38	42.455	
12,200.00	9,750.00	9,250.00	9,237.16	41.67	32.98	-48.18	216.28	222.27	2,957.51	2,890.18	67.33	43.923	
12,300.00	9,750.00	9,250.00	9,237.16	42.09	32.98	-48.18	216.28	222.27	3,054.18	2,986.75	67.43	45.293	
12,400.00	9,750.00	9,250.00	9,237.16	42.52	32.98	-48.18	216.28	222.27	3,151.06	3,083.54	67.53	46.664	
12,500.00	9,750.00	9,250.00	9,237.16	42.96	32.98	-48.18	216.28	222.27	3,248.13	3,180.51	67.62	48.037	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:
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	
0.00	0.00	20.30	0.00	0.00	0.06	-84.55	256.54	-2,688.65	2,700.86				
100.00	100.00	120.30	100.00	0.28	0.35	-84.55	256.54	-2,688.65	2,700.86	2,700.24	0.62	4,322.647	
200.00	200.00	220.30	200.00	0.63	0.71	-84.55	256.54	-2,688.65	2,700.86	2,699.52	1.34	2,012.925	
300.00	300.00	320.30	300.00	0.99	1.07	-84.55	256.54	-2,688.65	2,700.86	2,698.80	2.06	1,311.924	
400.00	400.00	420.30	400.00	1.35	1.42	-84.55	256.54	-2,688.65	2,700.86	2,698.09	2.78	973.057	
408.18	408.18	428.48	408.18	1.38	1.45	-84.55	256.54	-2,688.65	2,700.86	2,698.03	2.83	952.931	CC
500.00	500.00	500.00	479.70	1.71	1.71	-84.55	256.54	-2,688.65	2,700.94	2,697.52	3.42	789.769	ES
600.00	600.00	569.15	548.84	2.07	1.95	-84.56	256.09	-2,689.35	2,702.00	2,697.98	4.02	672.599	
700.00	700.00	626.57	606.22	2.43	2.15	-84.59	255.02	-2,691.00	2,704.68	2,700.11	4.57	591.630	
800.00	800.00	700.00	679.54	2.79	2.40	-84.64	252.75	-2,694.51	2,709.02	2,703.84	5.18	523.279	
900.00	900.00	741.05	720.47	3.14	2.54	-84.68	251.04	-2,697.16	2,714.76	2,709.09	5.67	478.515	
1,000.00	1,000.00	800.00	779.15	3.50	2.75	-84.76	248.02	-2,701.83	2,722.16	2,715.93	6.23	436.962	
1,100.00	1,100.00	854.78	833.57	3.86	2.94	-84.84	244.63	-2,707.07	2,731.13	2,724.36	6.77	403.257	
1,200.00	1,200.00	919.76	897.97	4.22	3.17	-84.95	239.91	-2,714.37	2,741.64	2,734.29	7.35	372.944	
1,300.00	1,300.00	1,018.79	996.03	4.58	3.52	-85.13	232.42	-2,725.94	2,752.67	2,744.61	8.06	341.549	
1,400.00	1,400.00	1,117.82	1,094.10	4.94	3.87	-85.30	224.94	-2,737.52	2,763.72	2,754.95	8.77	315.146	
1,500.00	1,500.00	1,216.84	1,192.16	5.29	4.23	-85.48	217.46	-2,749.09	2,774.81	2,765.32	9.48	292.589	
1,600.00	1,600.00	1,315.87	1,290.22	5.65	4.59	-85.65	209.97	-2,760.66	2,785.91	2,775.71	10.20	273.142	
1,700.00	1,700.00	1,414.90	1,388.29	6.01	4.95	-85.82	202.49	-2,772.24	2,797.04	2,786.13	10.92	256.212	
1,800.00	1,800.00	1,513.92	1,486.35	6.37	5.31	-85.99	195.01	-2,783.81	2,808.20	2,796.57	11.64	241.347	
1,900.00	1,900.00	1,612.95	1,584.41	6.73	5.68	-86.16	187.52	-2,795.38	2,819.38	2,807.03	12.36	228.194	
2,000.00	2,000.00	1,711.98	1,682.48	7.09	6.04	-86.33	180.04	-2,806.95	2,830.59	2,817.51	13.08	216.477	
2,100.00	2,100.00	1,811.00	1,780.54	7.45	6.41	-86.50	172.55	-2,818.53	2,841.82	2,828.02	13.80	205.976	
2,200.00	2,200.00	1,909.97	1,878.54	7.80	6.77	-149.07	165.08	-2,830.09	2,853.44	2,838.93	14.52	196.569	
2,300.00	2,299.93	2,008.44	1,976.06	8.15	7.14	-149.13	157.63	-2,841.60	2,867.69	2,852.47	15.23	188.324	
2,400.00	2,399.68	2,106.26	2,072.92	8.50	7.50	-149.18	150.24	-2,853.03	2,884.95	2,869.01	15.94	181.032	
2,500.00	2,499.13	2,203.29	2,169.01	8.85	7.86	-149.23	142.91	-2,864.37	2,905.19	2,888.55	16.64	174.583	
2,600.00	2,598.29	2,299.69	2,264.47	9.21	8.22	-149.46	135.62	-2,875.64	2,927.62	2,910.28	17.34	168.823	
2,700.00	2,697.43	2,396.06	2,359.90	9.56	8.57	-149.74	128.34	-2,886.90	2,950.20	2,932.16	18.04	163.533	
2,800.00	2,796.58	2,492.43	2,455.33	9.92	8.93	-150.02	121.06	-2,898.16	2,972.85	2,954.11	18.74	158.629	
2,900.00	2,895.72	2,588.80	2,550.77	10.27	9.29	-150.29	113.77	-2,909.43	2,995.57	2,976.13	19.44	154.073	
3,000.00	2,994.86	2,685.17	2,646.20	10.63	9.65	-150.56	106.49	-2,920.69	3,018.36	2,998.21	20.15	149.829	
3,100.00	3,094.01	2,781.54	2,741.63	10.98	10.01	-150.83	99.21	-2,931.95	3,041.21	3,020.36	20.85	145.867	
3,200.00	3,193.15	2,877.91	2,837.06	11.34	10.36	-151.09	91.93	-2,943.21	3,064.12	3,042.57	21.55	142.161	
3,300.00	3,292.30	2,974.28	2,932.49	11.70	10.72	-151.35	84.64	-2,954.48	3,087.09	3,064.83	22.26	138.686	
3,400.00	3,391.44	3,070.65	3,027.93	12.06	11.08	-151.60	77.36	-2,965.74	3,110.12	3,087.16	22.97	135.424	
3,500.00	3,490.58	3,167.02	3,123.36	12.42	11.44	-151.85	70.08	-2,977.00	3,133.21	3,109.54	23.67	132.355	
3,600.00	3,589.73	3,263.39	3,218.79	12.78	11.80	-152.10	62.79	-2,988.26	3,156.36	3,131.98	24.38	129.462	
3,700.00	3,688.87	3,359.76	3,314.22	13.14	12.16	-152.34	55.51	-2,999.53	3,179.56	3,154.47	25.09	126.733	
3,800.00	3,788.02	3,456.13	3,409.66	13.50	12.52	-152.58	48.23	-3,010.79	3,202.82	3,177.02	25.80	124.152	
3,900.00	3,887.16	3,552.50	3,505.09	13.86	12.88	-152.82	40.94	-3,022.05	3,226.13	3,199.62	26.51	121.709	
4,000.00	3,986.30	3,648.87	3,600.52	14.23	13.24	-153.05	33.66	-3,033.31	3,249.49	3,222.27	27.22	119.394	
4,100.00	4,085.45	3,745.24	3,695.95	14.59	13.59	-153.28	26.38	-3,044.58	3,272.90	3,244.98	27.93	117.196	
4,200.00	4,184.59	3,841.61	3,791.38	14.95	13.95	-153.51	19.10	-3,055.84	3,296.37	3,267.73	28.64	115.107	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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	20.00	0.00	0.00	0.06	-84.46	256.87	-2,648.66	2,661.09					
100.00	100.00	120.00	100.00	0.28	0.35	-84.46	256.87	-2,648.66	2,661.09	2,660.46	0.62	4,266.332		
200.00	200.00	220.00	200.00	0.63	0.71	-84.46	256.87	-2,648.66	2,661.09	2,659.75	1.34	1,984.872		
300.00	300.00	320.00	300.00	0.99	1.06	-84.46	256.87	-2,648.66	2,661.09	2,659.03	2.06	1,293.279		
400.00	400.00	420.00	400.00	1.35	1.42	-84.46	256.87	-2,648.66	2,661.09	2,658.31	2.77	959.099		
500.00	500.00	520.00	500.00	1.71	1.78	-84.46	256.87	-2,648.66	2,661.09	2,657.60	3.49	762.159		
600.00	600.00	620.00	600.00	2.07	2.14	-84.46	256.87	-2,648.66	2,661.09	2,656.88	4.21	632.319		
700.00	700.00	720.00	700.00	2.43	2.50	-84.46	256.87	-2,648.66	2,661.09	2,656.16	4.93	540.278		
800.00	800.00	820.00	800.00	2.79	2.86	-84.46	256.87	-2,648.66	2,661.09	2,655.44	5.64	471.628		
900.00	900.00	920.00	900.00	3.14	3.22	-84.46	256.87	-2,648.66	2,661.09	2,654.73	6.36	418.457		
1,000.00	1,000.00	1,020.00	1,000.00	3.50	3.57	-84.46	256.87	-2,648.66	2,661.09	2,654.01	7.08	376.060		
1,100.00	1,100.00	1,120.00	1,100.00	3.86	3.93	-84.46	256.87	-2,648.66	2,661.09	2,653.29	7.79	341.464		
1,200.00	1,200.00	1,291.49	1,271.48	4.22	4.53	-84.48	255.97	-2,647.51	2,660.82	2,652.07	8.75	304.064		
1,300.00	1,300.00	1,590.70	1,569.53	4.58	5.55	-84.77	240.60	-2,628.03	2,652.75	2,642.67	10.08	263.172		
1,400.00	1,400.00	1,689.97	1,668.07	4.94	5.89	-84.91	233.17	-2,618.60	2,642.60	2,631.82	10.78	245.229		
1,500.00	1,500.00	1,789.23	1,766.61	5.29	6.23	-85.06	225.73	-2,609.18	2,632.46	2,620.98	11.48	229.398		
1,600.00	1,600.00	1,888.50	1,865.15	5.65	6.58	-85.20	218.30	-2,599.75	2,622.34	2,610.16	12.18	215.337		
1,700.00	1,700.00	1,987.77	1,963.68	6.01	6.92	-85.35	210.86	-2,590.33	2,612.24	2,599.36	12.88	202.775		
1,800.00	1,800.00	2,087.03	2,062.22	6.37	7.27	-85.49	203.43	-2,580.90	2,602.15	2,588.56	13.59	191.489		
1,900.00	1,900.00	2,186.30	2,160.76	6.73	7.63	-85.64	196.00	-2,571.48	2,592.08	2,577.79	14.30	181.297		
2,000.00	2,000.00	2,285.56	2,259.30	7.09	7.98	-85.79	188.56	-2,562.05	2,582.03	2,567.03	15.01	172.052		
2,100.00	2,100.00	2,384.83	2,357.83	7.45	8.33	-85.94	181.13	-2,552.63	2,572.00	2,556.28	15.72	163.629		
2,200.00	2,200.00	2,484.12	2,456.39	7.80	8.69	-148.62	173.69	-2,543.20	2,562.35	2,545.93	16.43	155.974		
2,300.00	2,299.93	2,583.49	2,555.03	8.15	9.05	-148.88	166.25	-2,533.76	2,555.33	2,538.20	17.13	149.157		
2,400.00	2,399.68	2,682.85	2,653.67	8.50	9.40	-149.16	158.81	-2,524.33	2,551.33	2,533.49	17.84	143.032		
2,481.23	2,480.49	2,763.48	2,733.70	8.79	9.70	-149.39	152.77	-2,516.67	2,550.32	2,531.91	18.41	138.516	CC	
2,500.00	2,499.13	2,782.09	2,752.18	8.85	9.76	-149.44	151.38	-2,514.90	2,550.37	2,531.83	18.54	137.529		
2,600.00	2,598.29	2,881.16	2,850.52	9.21	10.12	-149.74	143.96	-2,505.50	2,551.65	2,532.39	19.25	132.539		
2,700.00	2,697.43	2,980.23	2,948.86	9.56	10.48	-150.04	136.54	-2,496.09	2,553.08	2,533.12	19.96	127.899		
2,800.00	2,796.58	3,079.29	3,047.20	9.92	10.84	-150.34	129.12	-2,486.68	2,554.60	2,533.92	20.67	123.570		
2,900.00	2,895.72	3,178.35	3,145.53	10.27	11.20	-150.64	121.70	-2,477.28	2,556.18	2,534.79	21.39	119.523		
3,000.00	2,994.86	3,277.42	3,243.87	10.63	11.56	-150.95	114.29	-2,467.87	2,557.83	2,535.73	22.10	115.733		
3,100.00	3,094.01	3,376.48	3,342.21	10.98	11.92	-151.25	106.87	-2,458.47	2,559.56	2,536.74	22.82	112.176		
3,200.00	3,193.15	3,475.55	3,440.54	11.34	12.28	-151.55	99.45	-2,449.06	2,561.36	2,537.82	23.53	108.834		
3,300.00	3,292.30	3,574.61	3,538.88	11.70	12.64	-151.85	92.03	-2,439.65	2,563.23	2,538.98	24.25	105.687		
3,400.00	3,391.44	3,673.67	3,637.22	12.06	13.00	-152.14	84.61	-2,430.25	2,565.17	2,540.20	24.97	102.719		
3,500.00	3,490.58	3,772.74	3,735.55	12.42	13.36	-152.44	77.19	-2,420.84	2,567.18	2,541.49	25.69	99.917		
3,600.00	3,589.73	3,871.80	3,833.89	12.78	13.73	-152.74	69.77	-2,411.43	2,569.26	2,542.85	26.41	97.267		
3,700.00	3,688.87	3,970.86	3,932.23	13.14	14.09	-153.04	62.36	-2,402.03	2,571.42	2,544.28	27.14	94.758		
3,800.00	3,788.02	4,069.93	4,030.57	13.50	14.45	-153.34	54.94	-2,392.62	2,573.64	2,545.78	27.86	92.379		
3,900.00	3,887.16	4,168.99	4,128.90	13.86	14.81	-153.63	47.52	-2,383.22	2,575.94	2,547.35	28.58	90.120		
4,000.00	3,986.30	4,268.06	4,227.24	14.23	15.18	-153.93	40.10	-2,373.81	2,578.30	2,549.00	29.31	87.974		
4,100.00	4,085.45	4,367.12	4,325.58	14.59	15.54	-154.23	32.68	-2,364.40	2,580.74	2,550.71	30.03	85.931		
4,200.00	4,184.59	4,466.18	4,423.91	14.95	15.90	-154.52	25.26	-2,355.00	2,583.24	2,552.48	30.76	83.986		
4,300.00	4,283.74	4,565.25	4,522.25	15.31	16.27	-154.82	17.84	-2,345.59	2,585.82	2,554.33	31.48	82.131		
4,400.00	4,382.88	4,664.31	4,620.59	15.68	16.63	-155.11	10.43	-2,336.18	2,588.46	2,556.25	32.21	80.360		
4,500.00	4,482.02	4,763.38	4,718.92	16.04	16.99	-155.40	3.01	-2,326.78	2,591.18	2,558.24	32.94	78.669		
4,600.00	4,581.17	4,862.44	4,817.26	16.40	17.36	-155.70	-4.41	-2,317.37	2,593.96	2,560.29	33.67	77.051		
4,700.00	4,680.31	4,961.50	4,915.60	16.77	17.72	-155.99	-11.83	-2,307.96	2,596.81	2,562.42	34.39	75.504		
4,800.00	4,779.46	5,060.57	5,013.93	17.13	18.09	-156.28	-19.25	-2,298.56	2,599.73	2,564.61	35.12	74.021		
4,900.00	4,878.60	5,159.63	5,112.27	17.49	18.45	-156.57	-26.67	-2,289.15	2,602.72	2,566.87	35.85	72.600		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
5,000.00	4,977.74	5,258.69	5,210.61	17.86	18.81	-156.86	-34.09	-2,279.75	2,605.77	2,569.19	36.58	71.237		
5,100.00	5,076.89	5,357.76	5,308.94	18.22	19.18	-157.15	-41.50	-2,270.34	2,608.90	2,571.59	37.31	69.928		
5,200.00	5,176.03	5,456.82	5,407.28	18.59	19.54	-157.44	-48.92	-2,260.93	2,612.09	2,574.05	38.04	68.670		
5,300.00	5,275.18	5,555.89	5,505.62	18.95	19.91	-157.73	-56.34	-2,251.53	2,615.35	2,576.58	38.77	67.461		
5,400.00	5,374.32	5,654.95	5,603.95	19.32	20.27	-158.01	-63.76	-2,242.12	2,618.67	2,579.17	39.50	66.298		
5,500.00	5,473.47	5,754.01	5,702.29	19.68	20.64	-158.30	-71.18	-2,232.71	2,622.07	2,581.84	40.23	65.179		
5,600.00	5,572.61	5,853.08	5,800.63	20.05	21.00	-158.59	-78.60	-2,223.31	2,625.53	2,584.57	40.96	64.100		
5,700.00	5,671.75	5,952.14	5,898.96	20.41	21.37	-158.87	-86.02	-2,213.90	2,629.05	2,587.36	41.69	63.061		
5,800.00	5,770.90	6,051.21	5,997.30	20.78	21.73	-159.16	-93.44	-2,204.50	2,632.64	2,590.22	42.42	62.059		
5,900.00	5,870.04	6,150.27	6,095.64	21.15	22.10	-159.44	-100.85	-2,195.09	2,636.30	2,593.15	43.15	61.092		
6,000.00	5,969.19	6,249.33	6,193.97	21.51	22.46	-159.72	-108.27	-2,185.68	2,640.02	2,596.14	43.88	60.158		
6,100.00	6,068.33	6,348.40	6,292.31	21.88	22.83	-160.01	-115.69	-2,176.28	2,643.81	2,599.20	44.62	59.256		
6,200.00	6,167.47	6,447.46	6,390.65	22.24	23.19	-160.29	-123.11	-2,166.87	2,647.67	2,602.32	45.35	58.384		
6,300.00	6,266.62	6,546.52	6,488.99	22.61	23.56	-160.57	-130.53	-2,157.46	2,651.58	2,605.50	46.08	57.542		
6,400.00	6,365.76	6,645.59	6,587.32	22.98	23.92	-160.85	-137.95	-2,148.06	2,655.57	2,608.75	46.81	56.726		
6,500.00	6,464.91	6,744.65	6,685.66	23.34	24.29	-161.13	-145.37	-2,138.65	2,659.61	2,612.07	47.55	55.937		
6,600.00	6,564.05	6,843.72	6,784.00	23.71	24.65	-161.40	-152.78	-2,129.24	2,663.72	2,615.44	48.28	55.173		
6,700.00	6,663.19	6,942.78	6,882.33	24.08	25.02	-161.68	-160.20	-2,119.84	2,667.90	2,618.89	49.01	54.434		
6,800.00	6,762.34	7,041.84	6,980.67	24.44	25.38	-161.96	-167.62	-2,110.43	2,672.13	2,622.39	49.75	53.717		
6,900.00	6,861.48	7,140.91	7,079.01	24.81	25.75	-162.23	-175.04	-2,101.03	2,676.43	2,625.96	50.48	53.021		
7,000.00	6,960.63	7,239.97	7,177.34	25.18	26.11	-162.51	-182.46	-2,091.62	2,680.80	2,629.59	51.21	52.347		
7,100.00	7,059.77	7,339.04	7,275.68	25.54	26.48	-162.78	-189.88	-2,082.21	2,685.22	2,633.28	51.95	51.693		
7,200.00	7,158.91	7,438.10	7,374.02	25.91	26.85	-163.06	-197.30	-2,072.81	2,689.71	2,637.03	52.68	51.059		
7,300.00	7,258.06	7,537.16	7,472.35	26.28	27.21	-163.33	-204.71	-2,063.40	2,694.26	2,640.85	53.41	50.442		
7,400.00	7,357.20	7,636.23	7,570.69	26.64	27.58	-163.60	-212.13	-2,053.99	2,698.87	2,644.72	54.15	49.844		
7,500.00	7,456.35	7,735.29	7,669.03	27.01	27.94	-163.87	-219.55	-2,044.59	2,703.54	2,648.66	54.88	49.262		
7,600.00	7,555.49	7,834.35	7,767.36	27.38	28.31	-164.14	-226.97	-2,035.18	2,708.27	2,652.66	55.61	48.697		
7,700.00	7,654.63	7,933.42	7,865.70	27.75	28.67	-164.41	-234.39	-2,025.77	2,713.06	2,656.71	56.35	48.148		
7,800.00	7,753.78	8,032.48	7,964.04	28.11	29.04	-164.67	-241.81	-2,016.37	2,717.92	2,660.83	57.08	47.613		
7,900.00	7,852.92	8,131.55	8,062.37	28.48	29.41	-164.94	-249.23	-2,006.96	2,722.83	2,665.01	57.82	47.094		
8,000.00	7,952.07	8,230.61	8,160.71	28.85	29.77	-165.20	-256.64	-1,997.56	2,727.80	2,669.25	58.55	46.588		
8,100.00	8,051.21	8,329.67	8,259.05	29.22	30.14	-165.47	-264.06	-1,988.15	2,732.83	2,673.54	59.29	46.095		
8,200.00	8,150.35	8,428.74	8,357.38	29.58	30.50	-165.73	-271.48	-1,978.74	2,737.92	2,677.90	60.02	45.616		
8,300.00	8,249.50	8,527.80	8,455.72	29.95	30.87	-166.00	-278.90	-1,969.34	2,743.07	2,682.31	60.76	45.149		
8,400.00	8,348.64	8,626.86	8,554.06	30.32	31.24	-166.26	-286.32	-1,959.93	2,748.28	2,686.78	61.49	44.694		
8,500.00	8,447.79	8,725.93	8,652.40	30.69	31.60	-166.52	-293.74	-1,950.52	2,753.54	2,691.31	62.23	44.251		
8,600.00	8,546.93	8,824.99	8,750.73	31.06	31.97	-166.78	-301.16	-1,941.12	2,758.86	2,695.90	62.96	43.819		
8,700.00	8,646.07	8,900.00	8,825.21	31.42	32.24	-166.97	-306.65	-1,934.16	2,764.47	2,700.87	63.60	43.464		
8,800.00	8,745.22	8,965.04	8,899.94	31.79	32.48	-167.11	-310.58	-1,929.17	2,771.33	2,707.13	64.20	43.169		
8,900.00	8,844.36	9,027.70	8,952.42	32.16	32.71	-167.23	-313.51	-1,925.45	2,779.53	2,714.76	64.77	42.912		
9,000.00	8,943.51	9,100.00	9,024.62	32.53	32.97	-167.34	-315.84	-1,922.50	2,789.09	2,723.71	65.38	42.660		
9,100.00	9,042.65	10,213.82	9,728.95	32.90	35.29	-153.08	354.92	-1,926.65	2,795.68	2,728.10	67.57	41.372		
9,200.00	9,141.96	10,238.84	9,729.75	33.26	35.31	-120.40	379.91	-1,926.87	2,781.22	2,713.03	68.20	40.783		
9,300.00	9,241.23	10,262.75	9,730.00	33.62	35.32	-91.53	403.82	-1,927.08	2,764.40	2,695.66	68.75	40.212		
9,400.00	9,338.38	10,285.97	9,730.00	33.97	35.33	-92.62	427.04	-1,927.28	2,748.90	2,679.67	69.22	39.710		
9,500.00	9,430.04	10,325.64	9,730.00	34.31	35.36	-93.02	466.71	-1,927.63	2,737.36	2,667.71	69.65	39.302		
9,600.00	9,513.42	10,380.62	9,730.00	34.62	35.41	-92.85	521.69	-1,928.11	2,729.50	2,659.48	70.02	38.982		
9,700.00	9,585.99	10,449.24	9,730.00	34.89	35.47	-92.28	590.31	-1,928.71	2,724.72	2,654.38	70.35	38.733		
9,800.00	9,645.53	10,529.42	9,730.00	35.10	35.55	-91.52	670.48	-1,929.41	2,722.25	2,651.61	70.64	38.537		
9,900.00	9,690.25	10,618.72	9,730.00	35.27	35.66	-90.78	759.78	-1,930.20	2,721.26	2,650.34	70.92	38.371		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
10,000.00	9,719.27	10,714.32	9,730.00	35.42	35.79	-90.22	855.37	-1,931.04	2,721.02	2,649.82	71.20	38.217		
10,030.42	9,725.88	10,744.01	9,730.00	35.47	35.83	-90.09	885.06	-1,931.30	2,721.01	2,649.72	71.29	38.170		
10,100.00	9,738.00	10,812.52	9,730.00	35.59	35.93	-89.84	953.57	-1,931.90	2,721.04	2,649.54	71.50	38.059		
10,200.00	9,748.11	10,911.97	9,730.00	35.75	36.10	-89.62	1,053.02	-1,932.77	2,721.12	2,649.31	71.81	37.891		
10,300.00	9,750.01	11,011.94	9,730.00	35.92	36.29	-89.58	1,152.98	-1,933.65	2,721.16	2,649.01	72.15	37.714		
10,400.00	9,750.01	11,111.94	9,730.00	36.09	36.49	-89.58	1,252.98	-1,934.52	2,721.20	2,648.67	72.52	37.522		
10,500.00	9,750.01	11,211.94	9,730.00	36.29	36.70	-89.58	1,352.97	-1,935.40	2,721.23	2,648.30	72.92	37.316		
10,600.00	9,750.00	11,311.94	9,730.00	36.50	36.93	-89.58	1,452.97	-1,936.28	2,721.26	2,647.90	73.36	37.097		
10,700.00	9,750.00	11,411.94	9,730.00	36.73	37.18	-89.58	1,552.96	-1,937.16	2,721.29	2,647.47	73.82	36.865		
10,800.00	9,750.00	11,511.94	9,730.00	36.97	37.44	-89.58	1,652.96	-1,938.03	2,721.32	2,647.01	74.31	36.623		
10,900.00	9,750.00	11,611.94	9,730.00	37.22	37.71	-89.58	1,752.96	-1,938.91	2,721.35	2,646.53	74.83	36.369		
11,000.00	9,750.00	11,711.94	9,730.00	37.49	38.00	-89.58	1,852.95	-1,939.79	2,721.38	2,646.01	75.37	36.106		
11,100.00	9,750.00	11,811.94	9,730.00	37.77	38.30	-89.58	1,952.95	-1,940.66	2,721.41	2,645.47	75.95	35.834		
11,200.00	9,750.00	11,911.94	9,730.00	38.06	38.62	-89.58	2,052.95	-1,941.54	2,721.44	2,644.90	76.55	35.553		
11,300.00	9,750.00	12,011.94	9,730.00	38.37	38.94	-89.58	2,152.94	-1,942.42	2,721.48	2,644.30	77.17	35.265		
11,400.00	9,750.00	12,111.94	9,730.00	38.69	39.28	-89.58	2,252.94	-1,943.30	2,721.51	2,643.68	77.82	34.970		
11,500.00	9,750.00	12,211.94	9,730.00	39.02	39.63	-89.58	2,352.93	-1,944.17	2,721.54	2,643.04	78.50	34.669		
11,600.00	9,750.00	12,311.94	9,730.00	39.37	39.99	-89.58	2,452.93	-1,945.05	2,721.57	2,642.37	79.20	34.363		
11,700.00	9,750.00	12,411.94	9,730.00	39.72	40.37	-89.58	2,552.93	-1,945.93	2,721.60	2,641.68	79.92	34.052		
11,800.00	9,750.00	12,511.94	9,730.00	40.09	40.75	-89.58	2,652.92	-1,946.80	2,721.63	2,640.96	80.67	33.737		
11,900.00	9,750.00	12,611.94	9,730.00	40.47	41.15	-89.58	2,752.92	-1,947.68	2,721.66	2,640.22	81.44	33.419		
12,000.00	9,750.00	12,711.94	9,730.00	40.86	41.55	-89.58	2,852.91	-1,948.56	2,721.69	2,639.46	82.23	33.098		
12,100.00	9,750.00	12,811.94	9,730.00	41.26	41.97	-89.58	2,952.91	-1,949.44	2,721.72	2,638.68	83.04	32.775		
12,200.00	9,750.00	12,911.94	9,730.00	41.67	42.40	-89.58	3,052.91	-1,950.31	2,721.76	2,637.88	83.88	32.450		
12,300.00	9,750.00	13,011.94	9,730.00	42.09	42.83	-89.58	3,152.90	-1,951.19	2,721.79	2,637.06	84.73	32.124		
12,400.00	9,750.00	13,111.94	9,730.00	42.52	43.28	-89.58	3,252.90	-1,952.07	2,721.82	2,636.22	85.60	31.797		
12,500.00	9,750.00	13,211.94	9,730.00	42.96	43.73	-89.58	3,352.90	-1,952.94	2,721.85	2,635.36	86.49	31.471		
12,600.00	9,750.00	13,311.94	9,730.00	43.40	44.19	-89.58	3,452.89	-1,953.82	2,721.88	2,634.48	87.40	31.144		
12,700.00	9,750.00	13,411.94	9,730.00	43.86	44.66	-89.58	3,552.89	-1,954.70	2,721.91	2,633.59	88.32	30.818		
12,800.00	9,750.00	13,511.94	9,730.00	44.33	45.14	-89.58	3,652.88	-1,955.58	2,721.94	2,632.68	89.26	30.493		
12,900.00	9,750.00	13,611.94	9,730.00	44.80	45.63	-89.58	3,752.88	-1,956.45	2,721.97	2,631.75	90.22	30.169		
13,000.00	9,750.00	13,711.94	9,730.00	45.28	46.12	-89.58	3,852.88	-1,957.33	2,722.00	2,630.81	91.20	29.847		
13,100.00	9,750.00	13,811.94	9,730.00	45.77	46.62	-89.58	3,952.87	-1,958.21	2,722.04	2,629.85	92.19	29.527		
13,200.00	9,750.00	13,911.94	9,730.00	46.27	47.13	-89.58	4,052.87	-1,959.08	2,722.07	2,628.87	93.19	29.209		
13,300.00	9,750.00	14,011.94	9,730.00	46.77	47.65	-89.58	4,152.86	-1,959.96	2,722.10	2,627.89	94.21	28.893		
13,400.00	9,750.00	14,111.94	9,730.00	47.29	48.17	-89.58	4,252.86	-1,960.84	2,722.13	2,626.88	95.25	28.580		
13,500.00	9,750.00	14,211.94	9,730.00	47.80	48.70	-89.58	4,352.86	-1,961.72	2,722.16	2,625.87	96.29	28.270		
13,600.00	9,750.00	14,311.94	9,730.00	48.33	49.24	-89.58	4,452.85	-1,962.59	2,722.19	2,624.84	97.35	27.962		
13,700.00	9,750.00	14,411.94	9,730.00	48.86	49.78	-89.58	4,552.85	-1,963.47	2,722.22	2,623.80	98.42	27.658		
13,800.00	9,750.00	14,511.94	9,730.00	49.40	50.33	-89.58	4,652.84	-1,964.35	2,722.25	2,622.74	99.51	27.357		
13,900.00	9,750.00	14,611.94	9,730.00	49.94	50.88	-89.58	4,752.84	-1,965.22	2,722.29	2,621.68	100.61	27.059		
14,000.00	9,750.00	14,711.94	9,730.00	50.49	51.44	-89.58	4,852.84	-1,966.10	2,722.32	2,620.60	101.71	26.764		
14,100.00	9,750.00	14,811.94	9,730.00	51.05	52.01	-89.58	4,952.83	-1,966.98	2,722.35	2,619.51	102.83	26.473		
14,200.00	9,750.00	14,911.94	9,730.00	51.61	52.57	-89.58	5,052.83	-1,967.86	2,722.38	2,618.41	103.96	26.186		
14,300.00	9,750.00	15,011.94	9,730.00	52.17	53.15	-89.58	5,152.83	-1,968.73	2,722.41	2,617.31	105.10	25.902		
14,400.00	9,750.00	15,111.94	9,730.00	52.74	53.73	-89.58	5,252.82	-1,969.61	2,722.44	2,616.19	106.25	25.622		
14,500.00	9,750.00	15,211.94	9,730.00	53.32	54.31	-89.58	5,352.82	-1,970.49	2,722.47	2,615.06	107.41	25.345		
14,600.00	9,750.00	15,311.94	9,730.00	53.90	54.90	-89.58	5,452.81	-1,971.37	2,722.50	2,613.92	108.58	25.073		
14,700.00	9,750.00	15,411.94	9,730.00	54.49	55.50	-89.58	5,552.81	-1,972.24	2,722.53	2,612.77	109.76	24.804		
14,800.00	9,750.00	15,511.94	9,730.00	55.08	56.09	-89.58	5,652.81	-1,973.12	2,722.57	2,611.61	110.95	24.538		
14,900.00	9,750.00	15,611.94	9,730.00	55.67	56.69	-89.58	5,752.80	-1,974.00	2,722.60	2,610.45	112.15	24.277		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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: Distance				Warning	
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,000.00	9,750.00	15,711.94	9,730.00	56.27	57.30	-89.58	5,852.80	-1,974.87	2,722.63	2,609.28	113.35	24.019		
15,100.00	9,750.00	15,811.94	9,730.00	56.87	57.91	-89.58	5,952.79	-1,975.75	2,722.66	2,608.09	114.56	23.765		
15,200.00	9,750.00	15,911.94	9,730.00	57.48	58.52	-89.58	6,052.79	-1,976.63	2,722.69	2,606.91	115.78	23.515		
15,300.00	9,750.00	16,011.94	9,730.00	58.09	59.14	-89.58	6,152.79	-1,977.51	2,722.72	2,605.71	117.01	23.269		
15,400.00	9,750.00	16,111.94	9,730.00	58.70	59.76	-89.58	6,252.78	-1,978.38	2,722.75	2,604.51	118.25	23.026		
15,500.00	9,750.00	16,211.94	9,730.00	59.32	60.38	-89.58	6,352.78	-1,979.26	2,722.78	2,603.29	119.49	22.787		
15,600.00	9,750.00	16,311.94	9,730.00	59.94	61.01	-89.58	6,452.78	-1,980.14	2,722.81	2,602.08	120.74	22.551		
15,700.00	9,750.00	16,411.94	9,730.00	60.57	61.64	-89.58	6,552.77	-1,981.01	2,722.85	2,600.85	121.99	22.320		
15,800.00	9,750.00	16,511.94	9,730.00	61.20	62.28	-89.58	6,652.77	-1,981.89	2,722.88	2,599.62	123.26	22.091		
15,900.00	9,750.00	16,611.94	9,730.00	61.83	62.91	-89.58	6,752.76	-1,982.77	2,722.91	2,598.38	124.52	21.867		
16,000.00	9,750.00	16,711.94	9,730.00	62.46	63.55	-89.58	6,852.76	-1,983.65	2,722.94	2,597.14	125.80	21.645		
16,100.00	9,750.00	16,811.94	9,730.00	63.10	64.19	-89.58	6,952.76	-1,984.52	2,722.97	2,595.89	127.08	21.427		
16,200.00	9,750.00	16,911.94	9,730.00	63.74	64.84	-89.58	7,052.75	-1,985.40	2,723.00	2,594.64	128.36	21.213		
16,300.00	9,750.00	17,011.94	9,730.00	64.38	65.49	-89.58	7,152.75	-1,986.28	2,723.03	2,593.38	129.66	21.002		
16,400.00	9,750.00	17,111.94	9,730.00	65.03	66.14	-89.58	7,252.74	-1,987.15	2,723.06	2,592.11	130.95	20.794		
16,500.00	9,750.00	17,211.94	9,730.00	65.68	66.79	-89.58	7,352.74	-1,988.03	2,723.09	2,590.84	132.25	20.590		
16,600.00	9,750.00	17,311.94	9,730.00	66.33	67.45	-89.58	7,452.74	-1,988.91	2,723.13	2,589.56	133.56	20.389		
16,700.00	9,750.00	17,411.94	9,730.00	66.98	68.10	-89.58	7,552.73	-1,989.79	2,723.16	2,588.28	134.87	20.190		
16,800.00	9,750.00	17,511.94	9,730.00	67.64	68.76	-89.58	7,652.73	-1,990.66	2,723.19	2,587.00	136.19	19.995		
16,900.00	9,750.00	17,611.94	9,730.00	68.29	69.43	-89.58	7,752.73	-1,991.54	2,723.22	2,585.71	137.51	19.804		
17,000.00	9,750.00	17,711.94	9,730.00	68.96	70.09	-89.58	7,852.72	-1,992.42	2,723.25	2,584.41	138.84	19.615		
17,100.00	9,750.00	17,811.94	9,730.00	69.62	70.76	-89.58	7,952.72	-1,993.29	2,723.28	2,583.11	140.17	19.429		
17,200.00	9,750.00	17,911.94	9,730.00	70.28	71.43	-89.58	8,052.71	-1,994.17	2,723.31	2,581.81	141.50	19.246		
17,300.00	9,750.00	18,011.94	9,730.00	70.95	72.10	-89.58	8,152.71	-1,995.05	2,723.34	2,580.50	142.84	19.066		
17,400.00	9,750.00	18,111.94	9,730.00	71.62	72.77	-89.58	8,252.71	-1,995.93	2,723.38	2,579.19	144.18	18.888		
17,500.00	9,750.00	18,211.94	9,730.00	72.29	73.45	-89.58	8,352.70	-1,996.80	2,723.41	2,577.88	145.53	18.714		
17,600.00	9,750.00	18,311.94	9,730.00	72.96	74.12	-89.58	8,452.70	-1,997.68	2,723.44	2,576.56	146.88	18.542		
17,700.00	9,750.00	18,411.94	9,730.00	73.64	74.80	-89.58	8,552.69	-1,998.56	2,723.47	2,575.24	148.23	18.373		
17,800.00	9,750.00	18,511.94	9,730.00	74.32	75.48	-89.58	8,652.69	-1,999.43	2,723.50	2,573.91	149.59	18.206		
17,900.00	9,750.00	18,611.94	9,730.00	74.99	76.16	-89.58	8,752.69	-2,000.31	2,723.53	2,572.58	150.95	18.042		
18,000.00	9,750.00	18,711.94	9,730.00	75.67	76.85	-89.58	8,852.68	-2,001.19	2,723.56	2,571.25	152.32	17.881		
18,100.00	9,750.00	18,811.94	9,730.00	76.36	77.53	-89.58	8,952.68	-2,002.07	2,723.59	2,569.91	153.68	17.722		
18,200.00	9,750.00	18,911.94	9,730.00	77.04	78.22	-89.58	9,052.68	-2,002.94	2,723.62	2,568.57	155.05	17.566		
18,300.00	9,750.00	19,011.94	9,730.00	77.73	78.90	-89.58	9,152.67	-2,003.82	2,723.66	2,567.23	156.43	17.412		
18,400.00	9,750.00	19,111.94	9,730.00	78.41	79.59	-89.58	9,252.67	-2,004.70	2,723.69	2,565.88	157.81	17.260		
18,500.00	9,750.00	19,211.94	9,730.00	79.10	80.29	-89.58	9,352.66	-2,005.57	2,723.72	2,564.53	159.19	17.110		
18,600.00	9,750.00	19,311.94	9,730.00	79.79	80.98	-89.58	9,452.66	-2,006.45	2,723.75	2,563.18	160.57	16.963		
18,700.00	9,750.00	19,411.94	9,730.00	80.48	81.67	-89.58	9,552.66	-2,007.33	2,723.78	2,561.83	161.95	16.818		
18,800.00	9,750.00	19,511.94	9,730.00	81.17	82.37	-89.58	9,652.65	-2,008.21	2,723.81	2,560.47	163.34	16.675		
18,900.00	9,750.00	19,611.94	9,730.00	81.87	83.06	-89.58	9,752.65	-2,009.08	2,723.84	2,559.11	164.73	16.535		
19,000.00	9,750.00	19,711.94	9,730.00	82.56	83.76	-89.58	9,852.64	-2,009.96	2,723.87	2,557.75	166.13	16.396		
19,100.00	9,750.00	19,811.94	9,730.00	83.26	84.46	-89.58	9,952.64	-2,010.84	2,723.90	2,556.38	167.52	16.260		
19,200.00	9,750.00	19,911.94	9,730.00	83.96	85.16	-89.58	10,052.64	-2,011.72	2,723.94	2,555.01	168.92	16.125		
19,300.00	9,750.00	20,011.94	9,730.00	84.66	85.86	-89.58	10,152.63	-2,012.59	2,723.97	2,553.64	170.32	15.993		
19,400.00	9,750.00	20,111.94	9,730.00	85.36	86.56	-89.58	10,252.63	-2,013.47	2,724.00	2,552.27	171.73	15.862		
19,500.00	9,750.00	20,211.94	9,730.00	86.06	87.27	-89.58	10,352.63	-2,014.35	2,724.03	2,550.90	173.13	15.734		
19,600.00	9,750.00	20,311.94	9,730.00	86.76	87.97	-89.58	10,452.62	-2,015.22	2,724.06	2,549.52	174.54	15.607		
19,700.00	9,750.00	20,411.94	9,730.00	87.47	88.68	-89.58	10,552.62	-2,016.10	2,724.09	2,548.14	175.95	15.482		
19,800.00	9,750.00	20,511.94	9,730.00	88.17	89.39	-89.58	10,652.61	-2,016.98	2,724.12	2,546.76	177.36	15.359		
19,900.00	9,750.00	20,611.94	9,730.00	88.88	90.09	-89.58	10,752.61	-2,017.86	2,724.15	2,545.37	178.78	15.238		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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	
20,000.00	9,750.00	20,711.94	9,730.00	89.58	90.80	-89.58	10,852.61	-2,018.73	2,724.18	2,543.99	180.20	15.118		
20,100.00	9,750.00	20,811.94	9,730.00	90.29	91.51	-89.58	10,952.60	-2,019.61	2,724.22	2,542.60	181.61	15.000		
20,200.00	9,750.00	20,911.94	9,730.00	91.00	92.22	-89.58	11,052.60	-2,020.49	2,724.25	2,541.21	183.03	14.884		
20,300.00	9,750.00	21,011.94	9,730.00	91.71	92.94	-89.58	11,152.59	-2,021.36	2,724.28	2,539.82	184.46	14.769		
20,400.00	9,750.00	21,111.94	9,730.00	92.42	93.65	-89.58	11,252.59	-2,022.24	2,724.31	2,538.43	185.88	14.656		
20,500.00	9,750.00	21,211.94	9,730.00	93.14	94.36	-89.58	11,352.59	-2,023.12	2,724.34	2,537.03	187.31	14.545		
20,600.00	9,750.00	21,311.94	9,730.00	93.85	95.08	-89.58	11,452.58	-2,024.00	2,724.37	2,535.64	188.74	14.435		
20,700.00	9,750.00	21,411.94	9,730.00	94.56	95.79	-89.58	11,552.58	-2,024.87	2,724.40	2,534.24	190.17	14.326		
20,800.00	9,750.00	21,511.94	9,730.00	95.28	96.51	-89.58	11,652.58	-2,025.75	2,724.43	2,532.84	191.60	14.220		
20,900.00	9,750.00	21,611.94	9,730.00	95.99	97.23	-89.58	11,752.57	-2,026.63	2,724.47	2,531.44	193.03	14.114		
21,000.00	9,750.00	21,711.94	9,730.00	96.71	97.94	-89.58	11,852.57	-2,027.50	2,724.50	2,530.03	194.46	14.010		
21,100.00	9,750.00	21,811.94	9,730.00	97.43	98.66	-89.58	11,952.56	-2,028.38	2,724.53	2,528.63	195.90	13.908		
21,200.00	9,750.00	21,911.94	9,730.00	98.14	99.38	-89.58	12,052.56	-2,029.26	2,724.56	2,527.22	197.34	13.807		
21,300.00	9,750.00	22,011.94	9,730.00	98.86	100.10	-89.58	12,152.56	-2,030.14	2,724.59	2,525.81	198.78	13.707		
21,400.00	9,750.00	22,111.93	9,730.00	99.58	100.82	-89.58	12,252.55	-2,031.01	2,724.62	2,524.40	200.22	13.608		
21,500.00	9,750.00	22,211.93	9,730.00	100.30	101.54	-89.58	12,352.55	-2,031.89	2,724.65	2,522.99	201.66	13.511		
21,600.00	9,750.00	22,311.93	9,730.00	101.02	102.27	-89.58	12,452.54	-2,032.77	2,724.68	2,521.58	203.10	13.415		
21,700.00	9,750.00	22,411.93	9,730.00	101.74	102.99	-89.58	12,552.54	-2,033.64	2,724.71	2,520.16	204.55	13.321		
21,800.00	9,750.00	22,511.93	9,730.00	102.47	103.71	-89.58	12,652.54	-2,034.52	2,724.75	2,518.75	206.00	13.227		
21,900.00	9,750.00	22,611.93	9,730.00	103.19	104.44	-89.58	12,752.53	-2,035.40	2,724.78	2,517.33	207.44	13.135		
22,000.00	9,750.00	22,711.93	9,730.00	103.91	105.16	-89.58	12,852.53	-2,036.28	2,724.81	2,515.91	208.89	13.044		
22,100.00	9,750.00	22,811.93	9,730.00	104.64	105.89	-89.58	12,952.53	-2,037.15	2,724.84	2,514.50	210.34	12.954		
22,200.00	9,750.00	22,911.93	9,730.00	105.36	106.61	-89.58	13,052.52	-2,038.03	2,724.87	2,513.07	211.80	12.866		
22,300.00	9,750.00	23,011.93	9,730.00	106.09	107.34	-89.58	13,152.52	-2,038.91	2,724.90	2,511.65	213.25	12.778		
22,400.00	9,750.00	23,111.93	9,730.00	106.81	108.07	-89.58	13,252.51	-2,039.78	2,724.93	2,510.23	214.70	12.692		
22,500.00	9,750.00	23,211.93	9,730.00	107.54	108.80	-89.58	13,352.51	-2,040.66	2,724.96	2,508.81	216.16	12.606		
22,600.00	9,750.00	23,311.93	9,730.00	108.27	109.52	-89.58	13,452.51	-2,041.54	2,724.99	2,507.38	217.61	12.522		
22,700.00	9,750.00	23,411.93	9,730.00	109.00	110.25	-89.58	13,552.50	-2,042.42	2,725.03	2,505.95	219.07	12.439		
22,800.00	9,750.00	23,511.93	9,730.00	109.73	110.98	-89.58	13,652.50	-2,043.29	2,725.06	2,504.53	220.53	12.357		
22,900.00	9,750.00	23,611.93	9,730.00	110.45	111.71	-89.58	13,752.49	-2,044.17	2,725.09	2,503.10	221.99	12.276		
23,000.00	9,750.00	23,711.93	9,730.00	111.18	112.44	-89.58	13,852.49	-2,045.05	2,725.12	2,501.67	223.45	12.196		
23,100.00	9,750.00	23,811.93	9,730.00	111.91	113.18	-89.58	13,952.49	-2,045.92	2,725.15	2,500.24	224.91	12.117		
23,200.00	9,750.00	23,911.93	9,730.00	112.64	113.91	-89.58	14,052.48	-2,046.80	2,725.18	2,498.81	226.37	12.038		
23,300.00	9,750.00	24,011.93	9,730.00	113.38	114.64	-89.58	14,152.48	-2,047.68	2,725.21	2,497.37	227.84	11.961		
23,400.00	9,750.00	24,111.93	9,730.00	114.11	115.37	-89.58	14,252.48	-2,048.56	2,725.24	2,495.94	229.30	11.885		
23,500.00	9,750.00	24,211.93	9,730.00	114.84	116.11	-89.58	14,352.47	-2,049.43	2,725.27	2,494.51	230.77	11.810		
23,600.00	9,750.00	24,311.93	9,730.00	115.57	116.84	-89.58	14,452.47	-2,050.31	2,725.31	2,493.07	232.24	11.735		
23,700.00	9,750.00	24,411.93	9,730.00	116.31	117.57	-89.58	14,552.46	-2,051.19	2,725.34	2,491.63	233.70	11.661		
23,800.00	9,750.00	24,511.93	9,730.00	117.04	118.31	-89.58	14,652.46	-2,052.06	2,725.37	2,490.20	235.17	11.589		
23,900.00	9,750.00	24,611.93	9,730.00	117.77	119.04	-89.58	14,752.46	-2,052.94	2,725.40	2,488.76	236.64	11.517		
24,000.00	9,750.00	24,711.93	9,730.00	118.51	119.78	-89.58	14,852.45	-2,053.82	2,725.43	2,487.32	238.11	11.446		
24,100.00	9,750.00	24,811.93	9,730.00	119.24	120.51	-89.58	14,952.45	-2,054.70	2,725.46	2,485.88	239.58	11.376		
24,200.00	9,750.00	24,911.93	9,730.00	119.98	121.25	-89.58	15,052.44	-2,055.57	2,725.49	2,484.44	241.06	11.306		
24,300.00	9,750.00	25,011.93	9,730.00	120.71	121.99	-89.58	15,152.44	-2,056.45	2,725.52	2,483.00	242.53	11.238		
24,400.00	9,750.00	25,111.93	9,730.00	121.45	122.72	-89.58	15,252.44	-2,057.33	2,725.56	2,481.55	244.00	11.170		
24,500.00	9,750.00	25,211.93	9,730.00	122.19	123.46	-89.58	15,352.43	-2,058.21	2,725.59	2,480.11	245.48	11.103		
24,600.00	9,750.00	25,311.93	9,730.00	122.92	124.20	-89.58	15,452.43	-2,059.08	2,725.62	2,478.67	246.95	11.037		
24,700.00	9,750.00	25,411.93	9,730.00	123.66	124.94	-89.58	15,552.43	-2,059.96	2,725.65	2,477.22	248.43	10.972		
24,800.00	9,750.00	25,511.93	9,730.00	124.40	125.68	-89.58	15,652.42	-2,060.84	2,725.68	2,475.77	249.91	10.907		
24,900.00	9,750.00	25,611.93	9,730.00	125.14	126.42	-89.58	15,752.42	-2,061.71	2,725.71	2,474.33	251.38	10.843		
25,000.00	9,750.00	25,711.93	9,730.00	125.88	127.16	-89.58	15,852.41	-2,062.59	2,725.74	2,472.88	252.86	10.780		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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		
25,100.00	9,750.00	25,811.93	9,730.00	126.62	127.89	-89.58	15,952.41	-2,063.47	2,725.77	2,471.43	254.34	10.717		
25,200.00	9,750.00	25,911.93	9,730.00	127.36	128.63	-89.58	16,052.41	-2,064.35	2,725.80	2,469.98	255.82	10.655		
25,300.00	9,750.00	26,011.93	9,730.00	128.09	129.38	-89.58	16,152.40	-2,065.22	2,725.84	2,468.53	257.30	10.594		
25,400.00	9,750.00	26,111.93	9,730.00	128.84	130.12	-89.58	16,252.40	-2,066.10	2,725.87	2,467.08	258.78	10.533		
25,500.00	9,750.00	26,211.93	9,730.00	129.58	130.86	-89.58	16,352.39	-2,066.98	2,725.90	2,465.63	260.26	10.474		
25,600.00	9,750.00	26,311.93	9,730.00	130.32	131.60	-89.58	16,452.39	-2,067.85	2,725.93	2,464.18	261.75	10.414		
25,700.00	9,750.00	26,411.93	9,730.00	131.06	132.34	-89.58	16,552.39	-2,068.73	2,725.96	2,462.73	263.23	10.356		
25,800.00	9,750.00	26,511.93	9,730.00	131.80	133.08	-89.58	16,652.38	-2,069.61	2,725.99	2,461.28	264.71	10.298		
25,900.00	9,750.00	26,611.93	9,730.00	132.54	133.82	-89.58	16,752.38	-2,070.49	2,726.02	2,459.82	266.20	10.241		
26,000.00	9,750.00	26,711.93	9,730.00	133.28	134.57	-89.58	16,852.38	-2,071.36	2,726.05	2,458.37	267.68	10.184		
26,100.00	9,750.00	26,811.93	9,730.00	134.02	135.31	-89.58	16,952.37	-2,072.24	2,726.08	2,456.92	269.17	10.128		
26,200.00	9,750.00	26,911.93	9,730.00	134.77	136.05	-89.58	17,052.37	-2,073.12	2,726.12	2,455.46	270.65	10.072		
26,300.00	9,750.00	27,011.93	9,730.00	135.51	136.80	-89.58	17,152.36	-2,073.99	2,726.15	2,454.01	272.14	10.017		
26,400.00	9,750.00	27,111.93	9,730.00	136.25	137.54	-89.58	17,252.36	-2,074.87	2,726.18	2,452.55	273.63	9.963		
26,500.00	9,750.00	27,211.93	9,730.00	137.00	138.29	-89.58	17,352.36	-2,075.75	2,726.21	2,451.09	275.12	9.909		
26,600.00	9,750.00	27,311.93	9,730.00	137.74	139.03	-89.58	17,452.35	-2,076.63	2,726.24	2,449.63	276.61	9.856		
26,700.00	9,750.00	27,411.93	9,730.00	138.49	139.77	-89.58	17,552.35	-2,077.50	2,726.27	2,448.18	278.09	9.803		
26,800.00	9,750.00	27,511.93	9,730.00	139.23	140.52	-89.58	17,652.34	-2,078.38	2,726.30	2,446.72	279.58	9.751		
26,900.00	9,750.00	27,611.93	9,730.00	139.97	141.26	-89.58	17,752.34	-2,079.26	2,726.33	2,445.26	281.07	9.700		
27,000.00	9,750.00	27,711.93	9,730.00	140.72	142.01	-89.58	17,852.34	-2,080.13	2,726.36	2,443.80	282.57	9.649		
27,100.00	9,750.00	27,811.93	9,730.00	141.46	142.76	-89.58	17,952.33	-2,081.01	2,726.40	2,442.34	284.06	9.598		
27,200.00	9,750.00	27,911.93	9,730.00	142.21	143.50	-89.58	18,052.33	-2,081.89	2,726.43	2,440.88	285.55	9.548		
27,300.00	9,750.00	28,011.93	9,730.00	142.96	144.25	-89.58	18,152.33	-2,082.77	2,726.46	2,439.42	287.04	9.499		
27,400.00	9,750.00	28,111.93	9,730.00	143.70	144.99	-89.58	18,252.32	-2,083.64	2,726.49	2,437.96	288.53	9.449		
27,500.00	9,750.00	28,211.93	9,730.00	144.45	145.74	-89.58	18,352.32	-2,084.52	2,726.52	2,436.49	290.03	9.401		
27,600.00	9,750.00	28,311.93	9,730.00	145.19	146.49	-89.58	18,452.31	-2,085.40	2,726.55	2,435.03	291.52	9.353		
27,700.00	9,750.00	28,411.93	9,730.00	145.94	147.24	-89.58	18,552.31	-2,086.27	2,726.58	2,433.57	293.01	9.305		
27,800.00	9,750.00	28,511.93	9,730.00	146.69	147.98	-89.58	18,652.31	-2,087.15	2,726.61	2,432.10	294.51	9.258		
27,900.00	9,750.00	28,611.93	9,730.00	147.44	148.73	-89.58	18,752.30	-2,088.03	2,726.65	2,430.64	296.00	9.212		
28,000.00	9,750.00	28,711.93	9,730.00	148.18	149.48	-89.58	18,852.30	-2,088.91	2,726.68	2,429.18	297.50	9.165		
28,100.00	9,750.00	28,811.93	9,730.00	148.93	150.23	-89.58	18,952.29	-2,089.78	2,726.71	2,427.71	299.00	9.120		
28,200.00	9,750.00	28,911.93	9,730.00	149.68	150.97	-89.58	19,052.29	-2,090.66	2,726.74	2,426.25	300.49	9.074		
28,300.00	9,750.00	29,011.93	9,730.00	150.43	151.72	-89.58	19,152.29	-2,091.54	2,726.77	2,424.78	301.99	9.029		
28,400.00	9,750.00	29,111.93	9,730.00	151.17	152.47	-89.58	19,252.28	-2,092.42	2,726.80	2,423.31	303.49	8.985		
28,500.00	9,750.00	29,211.93	9,730.00	151.92	153.22	-89.58	19,352.28	-2,093.29	2,726.83	2,421.85	304.98	8.941		
28,600.00	9,750.00	29,311.93	9,730.00	152.67	153.97	-89.58	19,452.28	-2,094.17	2,726.86	2,420.38	306.48	8.897		
28,700.00	9,750.00	29,411.93	9,730.00	153.42	154.72	-89.58	19,552.27	-2,095.05	2,726.89	2,418.91	307.98	8.854		
28,800.00	9,750.00	29,511.93	9,730.00	154.17	155.47	-89.58	19,652.27	-2,095.92	2,726.93	2,417.45	309.48	8.811		
28,900.00	9,750.00	29,611.93	9,730.00	154.92	156.22	-89.58	19,752.26	-2,096.80	2,726.96	2,415.98	310.98	8.769		
29,000.00	9,750.00	29,711.93	9,730.00	155.67	156.97	-89.58	19,852.26	-2,097.68	2,726.99	2,414.51	312.48	8.727		
29,100.00	9,750.00	29,811.93	9,730.00	156.42	157.72	-89.58	19,952.26	-2,098.56	2,727.02	2,413.04	313.98	8.685		
29,200.00	9,750.00	29,911.93	9,730.00	157.17	158.47	-89.58	20,052.25	-2,099.43	2,727.05	2,411.57	315.48	8.644		
29,300.00	9,750.00	30,011.93	9,730.00	157.92	159.22	-89.58	20,152.25	-2,100.31	2,727.08	2,410.10	316.98	8.603		
29,400.00	9,750.00	30,111.93	9,730.00	158.67	159.97	-89.58	20,252.24	-2,101.19	2,727.11	2,408.63	318.48	8.563		
29,500.00	9,750.00	30,211.93	9,730.00	159.42	160.72	-89.58	20,352.24	-2,102.06	2,727.14	2,407.16	319.98	8.523		
29,600.00	9,750.00	30,311.93	9,730.00	160.17	161.47	-89.58	20,452.24	-2,102.94	2,727.17	2,405.69	321.48	8.483		
29,700.00	9,750.00	30,411.93	9,730.00	160.92	162.22	-89.58	20,552.23	-2,103.82	2,727.21	2,404.22	322.99	8.444		
29,800.00	9,750.00	30,511.93	9,730.00	161.67	162.97	-89.58	20,652.23	-2,104.70	2,727.24	2,402.75	324.49	8.405		
29,900.00	9,750.00	30,611.93	9,730.00	162.42	163.73	-89.58	20,752.23	-2,105.57	2,727.27	2,401.28	325.99	8.366		
30,000.00	9,750.00	30,711.93	9,730.00	163.17	164.48	-89.58	20,852.22	-2,106.45	2,727.30	2,399.80	327.50	8.328		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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:		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
30,100.00	9,750.00	30,811.93	9,730.00	163.93	165.23	-89.58	20,952.22	-2,107.33	2,727.33	2,398.33	329.00	8.290	
30,200.00	9,750.00	30,911.93	9,730.00	164.68	165.98	-89.58	21,052.21	-2,108.20	2,727.36	2,396.86	330.50	8.252	
30,300.00	9,750.00	31,011.93	9,730.00	165.43	166.73	-89.58	21,152.21	-2,109.08	2,727.39	2,395.38	332.01	8.215	
30,400.00	9,750.00	31,111.93	9,730.00	166.18	167.47	-89.58	21,252.21	-2,109.96	2,727.42	2,393.93	333.49	8.178	
30,418.57	9,750.00	31,130.51	9,730.00	166.32	167.58	-89.58	21,270.78	-2,110.12	2,727.43	2,393.69	333.74	8.172	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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - OH - Plan #1

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	0.10	0.00	0.00	0.00	-90.47	-0.33	-39.99	39.99				
100.00	100.00	100.10	100.00	0.28	0.28	-90.47	-0.33	-39.99	39.99	39.44	0.55	72.395	
200.00	200.00	200.10	200.00	0.63	0.63	-90.47	-0.33	-39.99	39.99	38.72	1.27	31.505	
300.00	300.00	300.10	300.00	0.99	0.99	-90.47	-0.33	-39.99	39.99	38.01	1.99	20.134	
400.00	400.00	400.10	400.00	1.35	1.35	-90.47	-0.33	-39.99	39.99	37.29	2.70	14.794	
500.00	500.00	500.10	500.00	1.71	1.71	-90.47	-0.33	-39.99	39.99	36.57	3.42	11.693	
600.00	600.00	600.10	600.00	2.07	2.07	-90.47	-0.33	-39.99	39.99	35.85	4.14	9.666	
700.00	700.00	700.10	700.00	2.43	2.43	-90.47	-0.33	-39.99	39.99	35.14	4.85	8.239	
800.00	800.00	800.10	800.00	2.79	2.79	-90.47	-0.33	-39.99	39.99	34.42	5.57	7.178	
900.00	900.00	900.10	900.00	3.14	3.14	-90.47	-0.33	-39.99	39.99	33.70	6.29	6.360	
1,000.00	1,000.00	1,000.10	1,000.00	3.50	3.50	-90.47	-0.33	-39.99	39.99	32.99	7.00	5.709	
1,100.00	1,100.00	1,100.10	1,100.00	3.86	3.86	-90.47	-0.33	-39.99	39.99	32.27	7.72	5.179	
1,116.63	1,116.63	1,116.73	1,116.63	3.92	3.92	-90.47	-0.33	-39.99	39.99	32.15	7.84	5.100	CC
1,200.00	1,200.00	1,200.00	1,199.90	4.22	4.22	-90.47	-0.33	-39.99	39.99	31.55	8.44	4.739	ES
1,300.00	1,300.00	1,298.98	1,298.86	4.58	4.57	-88.99	0.73	-41.33	41.35	32.21	9.15	4.522	
1,400.00	1,400.00	1,397.63	1,397.38	4.94	4.92	-85.09	3.90	-45.34	45.58	35.74	9.84	4.631	
1,500.00	1,500.00	1,496.69	1,496.11	5.29	5.27	-80.26	8.86	-51.62	52.52	41.98	10.54	4.983	
1,600.00	1,600.00	1,596.33	1,595.40	5.65	5.63	-76.41	14.07	-58.21	60.07	48.82	11.25	5.340	
1,700.00	1,700.00	1,695.98	1,694.69	6.01	5.98	-73.43	19.28	-64.81	67.82	55.86	11.96	5.672	
1,800.00	1,800.00	1,795.62	1,793.98	6.37	6.34	-71.07	24.49	-71.40	75.72	63.05	12.67	5.977	
1,900.00	1,900.00	1,895.27	1,893.26	6.73	6.69	-69.15	29.70	-77.99	83.72	70.34	13.38	6.257	
2,000.00	2,000.00	1,994.91	1,992.55	7.09	7.05	-67.57	34.91	-84.58	91.80	77.71	14.09	6.514	
2,100.00	2,100.00	2,094.55	2,091.84	7.45	7.41	-66.25	40.12	-91.17	99.94	85.13	14.81	6.750	
2,200.00	2,200.00	2,194.18	2,191.11	7.80	7.76	-127.71	45.33	-97.76	108.39	92.87	15.52	6.984	
2,300.00	2,299.93	2,293.64	2,290.22	8.15	8.12	-127.92	50.53	-104.34	118.71	102.49	16.22	7.317	
2,400.00	2,399.68	2,392.79	2,389.02	8.50	8.48	-129.25	55.71	-110.90	131.22	114.29	16.93	7.752	
2,500.00	2,499.13	2,491.53	2,487.40	8.85	8.83	-131.33	60.87	-117.43	146.06	128.44	17.63	8.286	
2,600.00	2,598.29	2,589.88	2,585.41	9.21	9.19	-133.79	66.02	-123.94	162.81	144.48	18.33	8.883	
2,700.00	2,697.43	2,688.22	2,683.40	9.56	9.54	-135.87	71.16	-130.44	179.89	160.86	19.03	9.454	
2,800.00	2,796.58	2,786.57	2,781.39	9.92	9.90	-137.59	76.30	-136.95	197.15	177.42	19.73	9.994	
2,900.00	2,895.72	2,884.91	2,879.38	10.27	10.25	-139.03	81.44	-143.45	214.56	194.13	20.43	10.503	
3,000.00	2,994.86	2,983.25	2,977.37	10.63	10.60	-140.25	86.58	-149.96	232.08	210.95	21.13	10.983	
3,100.00	3,094.01	3,081.59	3,075.36	10.98	10.96	-141.30	91.72	-156.46	249.69	227.86	21.83	11.436	
3,200.00	3,193.15	3,179.93	3,173.35	11.34	11.31	-142.22	96.86	-162.97	267.38	244.84	22.54	11.864	
3,300.00	3,292.30	3,278.27	3,271.34	11.70	11.67	-143.02	102.01	-169.47	285.12	261.87	23.24	12.267	
3,400.00	3,391.44	3,376.61	3,369.33	12.06	12.02	-143.72	107.15	-175.98	302.90	278.96	23.95	12.648	
3,500.00	3,490.58	3,474.95	3,467.32	12.42	12.38	-144.35	112.29	-182.48	320.73	296.08	24.65	13.009	
3,600.00	3,589.73	3,573.29	3,565.31	12.78	12.74	-144.91	117.43	-188.99	338.59	313.23	25.36	13.351	
3,700.00	3,688.87	3,671.63	3,663.30	13.14	13.09	-145.42	122.57	-195.49	356.48	330.41	26.07	13.674	
3,800.00	3,788.02	3,769.97	3,761.29	13.50	13.45	-145.88	127.71	-202.00	374.39	347.62	26.78	13.982	
3,900.00	3,887.16	3,868.31	3,859.28	13.86	13.80	-146.29	132.85	-208.51	392.33	364.84	27.49	14.274	
4,000.00	3,986.30	3,966.65	3,957.28	14.23	14.16	-146.67	138.00	-215.01	410.28	382.08	28.20	14.551	
4,100.00	4,085.45	4,064.99	4,055.27	14.59	14.51	-147.02	143.14	-221.52	428.25	399.34	28.91	14.816	
4,200.00	4,184.59	4,163.33	4,153.26	14.95	14.87	-147.34	148.28	-228.02	446.23	416.61	29.62	15.067	
4,300.00	4,283.74	4,261.67	4,251.25	15.31	15.23	-147.63	153.42	-234.53	464.23	433.90	30.33	15.308	
4,400.00	4,382.88	4,360.02	4,349.24	15.68	15.58	-147.91	158.56	-241.03	482.23	451.19	31.04	15.537	
4,500.00	4,482.02	4,458.36	4,447.23	16.04	15.94	-148.16	163.70	-247.54	500.25	468.50	31.75	15.756	
4,600.00	4,581.17	4,556.70	4,545.22	16.40	16.29	-148.40	168.84	-254.04	518.27	485.81	32.46	15.966	
4,700.00	4,680.31	4,655.04	4,643.21	16.77	16.65	-148.62	173.99	-260.55	536.30	503.13	33.17	16.167	
4,800.00	4,779.46	4,753.38	4,741.20	17.13	17.01	-148.82	179.13	-267.05	554.34	520.46	33.88	16.360	
4,900.00	4,878.60	4,851.72	4,839.19	17.49	17.36	-149.01	184.27	-273.56	572.39	537.79	34.60	16.544	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - OH - Plan #1

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	
5,000.00	4,977.74	4,950.06	4,937.18	17.86	17.72	-149.19	189.41	-280.06	590.44	555.13	35.31	16.721	
5,100.00	5,076.89	5,048.40	5,035.17	18.22	18.08	-149.36	194.55	-286.57	608.50	572.47	36.02	16.892	
5,200.00	5,176.03	5,146.74	5,133.16	18.59	18.43	-149.52	199.69	-293.07	626.56	589.82	36.74	17.055	
5,300.00	5,275.18	5,245.08	5,231.15	18.95	18.79	-149.68	204.83	-299.58	644.63	607.18	37.45	17.213	
5,400.00	5,374.32	5,343.42	5,329.14	19.32	19.15	-149.82	209.97	-306.08	662.70	624.53	38.16	17.364	
5,500.00	5,473.47	5,441.76	5,427.13	19.68	19.50	-149.95	215.12	-312.59	680.77	641.89	38.88	17.510	
5,600.00	5,572.61	5,540.10	5,525.12	20.05	19.86	-150.08	220.26	-319.09	698.85	659.26	39.59	17.651	
5,700.00	5,671.75	5,638.44	5,623.11	20.41	20.21	-150.20	225.40	-325.60	716.93	676.62	40.31	17.786	
5,800.00	5,770.90	5,736.78	5,721.10	20.78	20.57	-150.32	230.54	-332.10	735.01	693.99	41.02	17.917	
5,900.00	5,870.04	5,835.12	5,819.09	21.15	20.93	-150.43	235.68	-338.61	753.10	711.36	41.74	18.044	
6,000.00	5,969.19	5,933.47	5,917.08	21.51	21.28	-150.54	240.82	-345.12	771.19	728.74	42.45	18.166	
6,100.00	6,068.33	6,031.81	6,015.07	21.88	21.64	-150.64	245.96	-351.62	789.28	746.12	43.17	18.284	
6,200.00	6,167.47	6,130.15	6,113.06	22.24	22.00	-150.73	251.11	-358.13	807.38	763.49	43.88	18.398	
6,300.00	6,266.62	6,228.49	6,211.06	22.61	22.35	-150.82	256.25	-364.63	825.47	780.87	44.60	18.509	
6,400.00	6,365.76	6,326.83	6,309.05	22.98	22.71	-150.91	261.39	-371.14	843.57	798.26	45.31	18.616	
6,500.00	6,464.91	6,425.17	6,407.04	23.34	23.07	-151.00	266.53	-377.64	861.67	815.64	46.03	18.720	
6,600.00	6,564.05	6,523.51	6,505.03	23.71	23.42	-151.08	271.67	-384.15	879.77	833.03	46.75	18.820	
6,700.00	6,663.19	6,621.85	6,603.02	24.08	23.78	-151.15	276.81	-390.65	897.88	850.41	47.46	18.917	
6,800.00	6,762.34	6,720.19	6,701.01	24.44	24.14	-151.23	281.95	-397.16	915.98	867.80	48.18	19.012	
6,900.00	6,861.48	6,818.53	6,799.00	24.81	24.49	-151.30	287.09	-403.66	934.09	885.19	48.90	19.104	
7,000.00	6,960.63	6,916.87	6,896.99	25.18	24.85	-151.37	292.24	-410.17	952.20	902.58	49.61	19.193	
7,100.00	7,059.77	7,015.21	6,994.98	25.54	25.21	-151.43	297.38	-416.67	970.30	919.98	50.33	19.279	
7,200.00	7,158.91	7,113.55	7,092.97	25.91	25.57	-151.50	302.52	-423.18	988.41	937.37	51.05	19.363	
7,300.00	7,258.06	7,211.89	7,190.96	26.28	25.92	-151.56	307.66	-429.68	1,006.53	954.76	51.76	19.445	
7,400.00	7,357.20	7,310.23	7,288.95	26.64	26.28	-151.62	312.80	-436.19	1,024.64	972.16	52.48	19.524	
7,500.00	7,456.35	7,408.57	7,386.94	27.01	26.64	-151.68	317.94	-442.69	1,042.75	989.55	53.20	19.602	
7,600.00	7,555.49	7,506.92	7,484.93	27.38	26.99	-151.73	323.08	-449.20	1,060.87	1,006.95	53.91	19.677	
7,700.00	7,654.63	7,605.26	7,582.92	27.75	27.35	-151.78	328.23	-455.70	1,078.98	1,024.35	54.63	19.750	
7,800.00	7,753.78	7,703.60	7,680.91	28.11	27.71	-151.84	333.37	-462.21	1,097.10	1,041.75	55.35	19.821	
7,900.00	7,852.92	7,801.94	7,778.90	28.48	28.06	-151.89	338.51	-468.71	1,115.21	1,059.15	56.07	19.891	
8,000.00	7,952.07	7,900.28	7,876.89	28.85	28.42	-151.93	343.65	-475.22	1,133.33	1,076.55	56.78	19.958	
8,100.00	8,051.21	7,998.62	7,974.88	29.22	28.78	-151.98	348.79	-481.73	1,151.45	1,093.95	57.50	20.024	
8,200.00	8,150.35	8,096.96	8,072.87	29.58	29.13	-152.03	353.93	-488.23	1,169.57	1,111.35	58.22	20.089	
8,300.00	8,249.50	8,195.30	8,170.86	29.95	29.49	-152.07	359.07	-494.74	1,187.69	1,128.75	58.94	20.151	
8,400.00	8,348.64	8,293.64	8,268.85	30.32	29.85	-152.11	364.22	-501.24	1,205.81	1,146.15	59.66	20.212	
8,500.00	8,447.79	8,391.98	8,366.85	30.69	30.21	-152.15	369.36	-507.75	1,223.93	1,163.56	60.38	20.272	
8,600.00	8,546.93	8,490.32	8,464.84	31.06	30.56	-152.19	374.50	-514.25	1,242.05	1,180.96	61.09	20.330	
8,700.00	8,646.07	8,588.66	8,562.83	31.42	30.92	-152.23	379.64	-520.76	1,260.18	1,198.36	61.81	20.387	
8,800.00	8,745.22	8,687.00	8,660.82	31.79	31.28	-152.27	384.78	-527.26	1,278.30	1,215.77	62.53	20.443	
8,900.00	8,844.36	8,785.34	8,758.81	32.16	31.63	-152.31	389.92	-533.77	1,296.42	1,233.17	63.25	20.497	
9,000.00	8,943.51	8,883.68	8,856.80	32.53	31.99	-152.34	395.06	-540.27	1,314.55	1,250.58	63.97	20.550	
9,100.00	9,042.65	8,982.03	8,954.79	32.90	32.35	-152.38	400.20	-546.78	1,332.66	1,267.98	64.69	20.602	
9,200.00	9,141.96	9,080.85	9,053.26	33.26	32.71	-118.53	405.37	-553.31	1,347.58	1,282.17	65.40	20.604	
9,300.00	9,241.23	9,269.15	9,240.81	33.62	33.39	-89.88	419.23	-560.10	1,353.80	1,287.22	66.58	20.332	
9,400.00	9,338.38	9,368.65	9,337.50	33.97	33.74	-89.88	442.16	-560.30	1,353.80	1,286.52	67.28	20.123	
9,500.00	9,430.04	9,468.17	9,428.79	34.31	34.08	-89.89	481.47	-560.63	1,353.80	1,285.85	67.95	19.923	
9,600.00	9,513.42	9,567.73	9,511.95	34.62	34.39	-89.90	535.98	-561.09	1,353.80	1,285.21	68.59	19.737	
9,700.00	9,585.99	9,667.34	9,584.47	34.89	34.65	-89.91	604.09	-561.66	1,353.80	1,284.61	69.19	19.568	
9,800.00	9,645.53	9,767.01	9,644.14	35.10	34.87	-89.93	683.77	-562.34	1,353.80	1,284.07	69.72	19.416	
9,900.00	9,690.25	9,866.77	9,689.15	35.27	35.05	-89.95	772.65	-563.09	1,353.80	1,283.60	70.20	19.285	

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - 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	
10,000.00	9,719.27	9,966.62	9,718.51	35.42	35.22	-89.97	867.98	-563.89	1,353.80	1,283.19	70.60	19.174		
10,100.00	9,738.00	10,066.56	9,737.48	35.59	35.40	-89.98	966.07	-564.72	1,353.80	1,282.82	70.98	19.073		
10,200.00	9,748.11	10,166.52	9,747.83	35.75	35.57	-89.99	1,065.45	-565.56	1,353.80	1,282.47	71.33	18.980		
10,300.00	9,750.01	10,266.51	9,749.90	35.92	35.74	-90.00	1,165.40	-566.41	1,353.80	1,282.14	71.65	18.894		
10,400.00	9,750.01	10,366.51	9,749.90	36.09	35.91	-90.00	1,265.39	-567.26	1,353.80	1,281.80	72.00	18.803		
10,500.00	9,750.01	10,466.51	9,749.90	36.29	36.10	-90.00	1,365.39	-568.10	1,353.80	1,281.42	72.38	18.705		
10,600.00	9,750.00	10,566.51	9,749.90	36.50	36.31	-90.00	1,465.39	-568.95	1,353.80	1,281.01	72.78	18.601		
10,700.00	9,750.00	10,666.51	9,749.90	36.73	36.53	-90.00	1,565.38	-569.79	1,353.80	1,280.58	73.22	18.490		
10,800.00	9,750.00	10,766.51	9,749.90	36.97	36.77	-90.00	1,665.38	-570.64	1,353.80	1,280.11	73.69	18.373		
10,900.00	9,750.00	10,866.51	9,749.90	37.22	37.02	-90.00	1,765.38	-571.49	1,353.80	1,279.62	74.18	18.250		
11,000.00	9,750.00	10,966.51	9,749.90	37.49	37.28	-90.00	1,865.37	-572.33	1,353.80	1,279.09	74.71	18.122		
11,100.00	9,750.00	11,066.51	9,749.90	37.77	37.56	-90.00	1,965.37	-573.18	1,353.80	1,278.54	75.26	17.989		
11,200.00	9,750.00	11,166.51	9,749.90	38.06	37.85	-90.00	2,065.36	-574.02	1,353.80	1,277.96	75.84	17.852		
11,300.00	9,750.00	11,266.51	9,749.90	38.37	38.15	-90.00	2,165.36	-574.87	1,353.80	1,277.35	76.44	17.710		
11,400.00	9,750.00	11,366.51	9,749.90	38.69	38.47	-90.00	2,265.36	-575.71	1,353.80	1,276.72	77.07	17.565		
11,500.00	9,750.00	11,466.51	9,749.90	39.02	38.80	-90.00	2,365.35	-576.56	1,353.80	1,276.06	77.73	17.417		
11,600.00	9,750.00	11,566.51	9,749.90	39.37	39.14	-90.00	2,465.35	-577.41	1,353.80	1,275.38	78.41	17.265		
11,700.00	9,750.00	11,666.51	9,749.90	39.72	39.50	-90.00	2,565.35	-578.25	1,353.80	1,274.68	79.12	17.111		
11,800.00	9,750.00	11,766.51	9,749.90	40.09	39.86	-90.00	2,665.34	-579.10	1,353.79	1,273.95	79.85	16.955		
11,900.00	9,750.00	11,866.51	9,749.90	40.47	40.24	-90.00	2,765.34	-579.94	1,353.79	1,273.20	80.60	16.797		
12,000.00	9,750.00	11,966.51	9,749.90	40.86	40.63	-90.00	2,865.34	-580.79	1,353.79	1,272.42	81.37	16.637		
12,100.00	9,750.00	12,066.51	9,749.90	41.26	41.03	-90.00	2,965.33	-581.64	1,353.79	1,271.63	82.17	16.476		
12,200.00	9,750.00	12,166.51	9,749.90	41.67	41.44	-90.00	3,065.33	-582.48	1,353.79	1,270.81	82.99	16.314		
12,300.00	9,750.00	12,266.51	9,749.90	42.09	41.86	-90.00	3,165.33	-583.33	1,353.79	1,269.97	83.82	16.151		
12,400.00	9,750.00	12,366.51	9,749.90	42.52	42.29	-90.00	3,265.32	-584.17	1,353.79	1,269.11	84.68	15.987		
12,500.00	9,750.00	12,466.51	9,749.90	42.96	42.72	-90.00	3,365.32	-585.02	1,353.79	1,268.24	85.56	15.824		
12,600.00	9,750.00	12,566.51	9,749.90	43.40	43.17	-90.00	3,465.31	-585.86	1,353.79	1,267.34	86.45	15.660		
12,700.00	9,750.00	12,666.51	9,749.90	43.86	43.63	-90.00	3,565.31	-586.71	1,353.79	1,266.43	87.36	15.496		
12,800.00	9,750.00	12,766.51	9,749.90	44.33	44.09	-90.00	3,665.31	-587.56	1,353.79	1,265.50	88.29	15.333		
12,900.00	9,750.00	12,866.51	9,749.90	44.80	44.57	-90.00	3,765.30	-588.40	1,353.79	1,264.56	89.24	15.171		
13,000.00	9,750.00	12,966.51	9,749.90	45.28	45.05	-90.00	3,865.30	-589.25	1,353.79	1,263.59	90.20	15.009		
13,100.00	9,750.00	13,066.51	9,749.90	45.77	45.54	-90.00	3,965.30	-590.09	1,353.79	1,262.61	91.18	14.848		
13,200.00	9,750.00	13,166.51	9,749.90	46.27	46.04	-90.00	4,065.29	-590.94	1,353.79	1,261.62	92.17	14.687		
13,300.00	9,750.00	13,266.51	9,749.90	46.77	46.54	-90.00	4,165.29	-591.79	1,353.79	1,260.61	93.18	14.528		
13,400.00	9,750.00	13,366.51	9,749.90	47.29	47.06	-90.00	4,265.29	-592.63	1,353.79	1,259.59	94.21	14.371		
13,500.00	9,750.00	13,466.51	9,749.90	47.80	47.57	-90.00	4,365.28	-593.48	1,353.79	1,258.55	95.24	14.214		
13,600.00	9,750.00	13,566.51	9,749.90	48.33	48.10	-90.00	4,465.28	-594.32	1,353.79	1,257.50	96.29	14.059		
13,700.00	9,750.00	13,666.51	9,749.90	48.86	48.63	-90.00	4,565.28	-595.17	1,353.79	1,256.44	97.36	13.905		
13,800.00	9,750.00	13,766.51	9,749.90	49.40	49.17	-90.00	4,665.27	-596.02	1,353.79	1,255.36	98.43	13.753		
13,900.00	9,750.00	13,866.51	9,749.90	49.94	49.72	-90.00	4,765.27	-596.86	1,353.79	1,254.27	99.52	13.603		
14,000.00	9,750.00	13,966.51	9,749.90	50.49	50.27	-90.00	4,865.26	-597.71	1,353.79	1,253.17	100.62	13.454		
14,100.00	9,750.00	14,066.51	9,749.90	51.05	50.82	-90.00	4,965.26	-598.55	1,353.79	1,252.06	101.73	13.307		
14,200.00	9,750.00	14,166.51	9,749.90	51.61	51.38	-90.00	5,065.26	-599.40	1,353.79	1,250.94	102.86	13.162		
14,300.00	9,750.00	14,266.51	9,749.90	52.17	51.95	-90.00	5,165.25	-600.24	1,353.79	1,249.80	103.99	13.019		
14,400.00	9,750.00	14,366.51	9,749.90	52.74	52.52	-90.00	5,265.25	-601.09	1,353.79	1,248.66	105.13	12.877		
14,500.00	9,750.00	14,466.51	9,749.90	53.32	53.10	-90.00	5,365.25	-601.94	1,353.79	1,247.51	106.29	12.737		
14,600.00	9,750.00	14,566.51	9,749.90	53.90	53.68	-90.00	5,465.24	-602.78	1,353.79	1,246.34	107.45	12.599		
14,700.00	9,750.00	14,666.51	9,749.90	54.49	54.27	-90.00	5,565.24	-603.63	1,353.79	1,245.17	108.62	12.463		
14,800.00	9,750.00	14,766.51	9,749.90	55.08	54.86	-90.00	5,665.24	-604.47	1,353.79	1,243.99	109.80	12.329		
14,900.00	9,750.00	14,866.51	9,749.90	55.67	55.45	-90.00	5,765.23	-605.32	1,353.79	1,242.80	110.99	12.197		
15,000.00	9,750.00	14,966.51	9,749.90	56.27	56.05	-90.00	5,865.23	-606.17	1,353.79	1,241.60	112.19	12.067		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - 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		
15,100.00	9,750.00	15,066.51	9,749.90	56.87	56.66	-90.00	5,965.23	-607.01	1,353.79	1,240.39	113.40	11.938		
15,200.00	9,750.00	15,166.51	9,749.90	57.48	57.27	-90.00	6,065.22	-607.86	1,353.79	1,239.18	114.61	11.812		
15,300.00	9,750.00	15,266.51	9,749.90	58.09	57.88	-90.00	6,165.22	-608.70	1,353.79	1,237.95	115.84	11.687		
15,400.00	9,750.00	15,366.51	9,749.90	58.70	58.49	-90.00	6,265.21	-609.55	1,353.79	1,236.72	117.07	11.564		
15,500.00	9,750.00	15,466.51	9,749.90	59.32	59.11	-90.00	6,365.21	-610.40	1,353.79	1,235.49	118.30	11.443		
15,600.00	9,750.00	15,566.51	9,749.90	59.94	59.73	-90.00	6,465.21	-611.24	1,353.79	1,234.24	119.55	11.324		
15,700.00	9,750.00	15,666.51	9,749.90	60.57	60.36	-90.00	6,565.20	-612.09	1,353.79	1,232.99	120.80	11.207		
15,800.00	9,750.00	15,766.51	9,749.90	61.20	60.99	-90.00	6,665.20	-612.93	1,353.79	1,231.73	122.06	11.091		
15,900.00	9,750.00	15,866.51	9,749.90	61.83	61.62	-90.00	6,765.20	-613.78	1,353.79	1,230.47	123.32	10.978		
16,000.00	9,750.00	15,966.51	9,749.90	62.46	62.26	-90.00	6,865.19	-614.62	1,353.79	1,229.20	124.59	10.866		
16,100.00	9,750.00	16,066.51	9,749.90	63.10	62.89	-90.00	6,965.19	-615.47	1,353.79	1,227.92	125.87	10.756		
16,200.00	9,750.00	16,166.51	9,749.90	63.74	63.54	-90.00	7,065.19	-616.32	1,353.79	1,226.64	127.15	10.647		
16,300.00	9,750.00	16,266.51	9,749.90	64.38	64.18	-90.00	7,165.18	-617.16	1,353.79	1,225.35	128.44	10.540		
16,400.00	9,750.00	16,366.51	9,749.90	65.03	64.83	-90.00	7,265.18	-618.01	1,353.79	1,224.06	129.73	10.435		
16,500.00	9,750.00	16,466.51	9,749.90	65.68	65.48	-90.00	7,365.18	-618.85	1,353.79	1,222.76	131.03	10.332		
16,600.00	9,750.00	16,566.51	9,749.90	66.33	66.13	-90.00	7,465.17	-619.70	1,353.79	1,221.45	132.33	10.230		
16,700.00	9,750.00	16,666.51	9,749.90	66.98	66.78	-90.00	7,565.17	-620.55	1,353.79	1,220.14	133.64	10.130		
16,800.00	9,750.00	16,766.51	9,749.90	67.64	67.44	-90.00	7,665.16	-621.39	1,353.79	1,218.83	134.96	10.031		
16,900.00	9,750.00	16,866.51	9,749.90	68.29	68.10	-90.00	7,765.16	-622.24	1,353.79	1,217.51	136.27	9.934		
17,000.00	9,750.00	16,966.51	9,749.90	68.96	68.76	-90.00	7,865.16	-623.08	1,353.79	1,216.19	137.60	9.839		
17,100.00	9,750.00	17,066.51	9,749.90	69.62	69.42	-90.00	7,965.15	-623.93	1,353.79	1,214.86	138.92	9.745		
17,200.00	9,750.00	17,166.51	9,749.90	70.28	70.09	-90.00	8,065.15	-624.77	1,353.79	1,213.53	140.26	9.652		
17,300.00	9,750.00	17,266.51	9,749.90	70.95	70.76	-90.00	8,165.15	-625.62	1,353.79	1,212.19	141.59	9.561		
17,400.00	9,750.00	17,366.51	9,749.90	71.62	71.43	-90.00	8,265.14	-626.47	1,353.79	1,210.85	142.93	9.472		
17,500.00	9,750.00	17,466.51	9,749.90	72.29	72.10	-90.00	8,365.14	-627.31	1,353.79	1,209.51	144.28	9.383		
17,600.00	9,750.00	17,566.51	9,749.90	72.96	72.77	-90.00	8,465.14	-628.16	1,353.79	1,208.16	145.62	9.296		
17,700.00	9,750.00	17,666.51	9,749.90	73.64	73.45	-90.00	8,565.13	-629.00	1,353.79	1,206.81	146.98	9.211		
17,800.00	9,750.00	17,766.51	9,749.90	74.32	74.13	-90.00	8,665.13	-629.85	1,353.79	1,205.45	148.33	9.127		
17,900.00	9,750.00	17,866.51	9,749.90	74.99	74.81	-90.00	8,765.13	-630.70	1,353.79	1,204.10	149.69	9.044		
18,000.00	9,750.00	17,966.51	9,749.90	75.67	75.49	-90.00	8,865.12	-631.54	1,353.79	1,202.73	151.05	8.962		
18,100.00	9,750.00	18,066.51	9,749.90	76.36	76.17	-90.00	8,965.12	-632.39	1,353.78	1,201.37	152.42	8.882		
18,200.00	9,750.00	18,166.51	9,749.90	77.04	76.86	-90.00	9,065.11	-633.23	1,353.78	1,200.00	153.79	8.803		
18,300.00	9,750.00	18,266.51	9,749.90	77.73	77.54	-90.00	9,165.11	-634.08	1,353.78	1,198.63	155.16	8.725		
18,400.00	9,750.00	18,366.51	9,749.90	78.41	78.23	-90.00	9,265.11	-634.93	1,353.78	1,197.25	156.53	8.648		
18,500.00	9,750.00	18,466.51	9,749.90	79.10	78.92	-90.00	9,365.10	-635.77	1,353.78	1,195.87	157.91	8.573		
18,600.00	9,750.00	18,566.51	9,749.90	79.79	79.61	-90.00	9,465.10	-636.62	1,353.78	1,194.49	159.29	8.499		
18,700.00	9,750.00	18,666.51	9,749.90	80.48	80.30	-90.00	9,565.10	-637.46	1,353.78	1,193.11	160.68	8.425		
18,800.00	9,750.00	18,766.51	9,749.90	81.17	81.00	-90.00	9,665.09	-638.31	1,353.78	1,191.72	162.07	8.353		
18,900.00	9,750.00	18,866.51	9,749.90	81.87	81.69	-90.00	9,765.09	-639.15	1,353.78	1,190.33	163.45	8.282		
19,000.00	9,750.00	18,966.51	9,749.90	82.56	82.39	-90.00	9,865.09	-640.00	1,353.78	1,188.94	164.85	8.212		
19,100.00	9,750.00	19,066.51	9,749.90	83.26	83.08	-90.00	9,965.08	-640.85	1,353.78	1,187.54	166.24	8.143		
19,200.00	9,750.00	19,166.51	9,749.90	83.96	83.78	-90.00	10,065.08	-641.69	1,353.78	1,186.14	167.64	8.076		
19,300.00	9,750.00	19,266.51	9,749.90	84.66	84.48	-90.00	10,165.08	-642.54	1,353.78	1,184.74	169.04	8.009		
19,400.00	9,750.00	19,366.51	9,749.90	85.36	85.18	-90.00	10,265.07	-643.38	1,353.78	1,183.34	170.44	7.943		
19,500.00	9,750.00	19,466.51	9,749.90	86.06	85.89	-90.00	10,365.07	-644.23	1,353.78	1,181.94	171.85	7.878		
19,600.00	9,750.00	19,566.51	9,749.90	86.76	86.59	-90.00	10,465.06	-645.08	1,353.78	1,180.53	173.25	7.814		
19,700.00	9,750.00	19,666.51	9,749.90	87.47	87.30	-90.00	10,565.06	-645.92	1,353.78	1,179.12	174.66	7.751		
19,800.00	9,750.00	19,766.51	9,749.90	88.17	88.00	-90.00	10,665.06	-646.77	1,353.78	1,177.71	176.07	7.689		
19,900.00	9,750.00	19,866.51	9,749.90	88.88	88.71	-90.00	10,765.05	-647.61	1,353.78	1,176.30	177.49	7.628		
20,000.00	9,750.00	19,966.51	9,749.90	89.58	89.42	-90.00	10,865.05	-648.46	1,353.78	1,174.88	178.90	7.567		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - OH - Plan #1

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			
20,100.00	9,750.00	20,066.51	9,749.90	90.29	90.12	-90.00	10,965.05	-649.31	1,353.78	1,173.46	180.32	7.508			
20,200.00	9,750.00	20,166.51	9,749.90	91.00	90.83	-90.00	11,065.04	-650.15	1,353.78	1,172.04	181.74	7.449			
20,300.00	9,750.00	20,266.51	9,749.90	91.71	91.55	-90.00	11,165.04	-651.00	1,353.78	1,170.62	183.16	7.391			
20,400.00	9,750.00	20,366.51	9,749.90	92.42	92.26	-90.00	11,265.04	-651.84	1,353.78	1,169.20	184.58	7.334			
20,500.00	9,750.00	20,466.51	9,749.90	93.14	92.97	-90.00	11,365.03	-652.69	1,353.78	1,167.77	186.01	7.278			
20,600.00	9,750.00	20,566.51	9,749.90	93.85	93.68	-90.00	11,465.03	-653.53	1,353.78	1,166.34	187.44	7.223			
20,700.00	9,750.00	20,666.51	9,749.90	94.56	94.40	-90.00	11,565.03	-654.38	1,353.78	1,164.92	188.87	7.168			
20,800.00	9,750.00	20,766.51	9,749.90	95.28	95.11	-90.00	11,665.02	-655.23	1,353.78	1,163.48	190.30	7.114			
20,900.00	9,750.00	20,866.51	9,749.90	95.99	95.83	-90.00	11,765.02	-656.07	1,353.78	1,162.05	191.73	7.061			
21,000.00	9,750.00	20,966.51	9,749.90	96.71	96.55	-90.00	11,865.01	-656.92	1,353.78	1,160.62	193.16	7.009			
21,100.00	9,750.00	21,066.51	9,749.90	97.43	97.26	-90.00	11,965.01	-657.76	1,353.78	1,159.18	194.60	6.957			
21,200.00	9,750.00	21,166.51	9,749.90	98.14	97.98	-90.00	12,065.01	-658.61	1,353.78	1,157.75	196.03	6.906			
21,300.00	9,750.00	21,266.51	9,749.90	98.86	98.70	-90.00	12,165.00	-659.46	1,353.78	1,156.31	197.47	6.856			
21,400.00	9,750.00	21,366.51	9,749.90	99.58	99.42	-90.00	12,265.00	-660.30	1,353.78	1,154.87	198.91	6.806			
21,500.00	9,750.00	21,466.51	9,749.90	100.30	100.14	-90.00	12,365.00	-661.15	1,353.78	1,153.43	200.35	6.757			
21,600.00	9,750.00	21,566.51	9,749.90	101.02	100.86	-90.00	12,464.99	-661.99	1,353.78	1,151.98	201.80	6.709			
21,700.00	9,750.00	21,666.51	9,749.90	101.74	101.59	-90.00	12,564.99	-662.84	1,353.78	1,150.54	203.24	6.661			
21,800.00	9,750.00	21,766.51	9,749.90	102.47	102.31	-90.00	12,664.99	-663.69	1,353.78	1,149.09	204.69	6.614			
21,900.00	9,750.00	21,866.51	9,749.90	103.19	103.03	-90.00	12,764.98	-664.53	1,353.78	1,147.64	206.13	6.567			
22,000.00	9,750.00	21,966.51	9,749.90	103.91	103.76	-90.00	12,864.98	-665.38	1,353.78	1,146.20	207.58	6.522			
22,100.00	9,750.00	22,066.51	9,749.90	104.64	104.48	-90.00	12,964.98	-666.22	1,353.78	1,144.75	209.03	6.476			
22,200.00	9,750.00	22,166.51	9,749.90	105.36	105.21	-90.00	13,064.97	-667.07	1,353.78	1,143.29	210.48	6.432			
22,300.00	9,750.00	22,266.51	9,749.90	106.09	105.93	-90.00	13,164.97	-667.91	1,353.78	1,141.84	211.94	6.388			
22,400.00	9,750.00	22,366.51	9,749.90	106.81	106.66	-90.00	13,264.96	-668.76	1,353.78	1,140.39	213.39	6.344			
22,500.00	9,750.00	22,466.51	9,749.90	107.54	107.39	-90.00	13,364.96	-669.61	1,353.78	1,138.93	214.84	6.301			
22,600.00	9,750.00	22,566.51	9,749.90	108.27	108.12	-90.00	13,464.96	-670.45	1,353.78	1,137.48	216.30	6.259			
22,700.00	9,750.00	22,666.51	9,749.90	109.00	108.84	-90.00	13,564.95	-671.30	1,353.78	1,136.02	217.76	6.217			
22,800.00	9,750.00	22,766.51	9,749.90	109.73	109.57	-90.00	13,664.95	-672.14	1,353.78	1,134.56	219.21	6.176			
22,900.00	9,750.00	22,866.51	9,749.90	110.45	110.30	-90.00	13,764.95	-672.99	1,353.78	1,133.10	220.67	6.135			
23,000.00	9,750.00	22,966.51	9,749.90	111.18	111.03	-90.00	13,864.94	-673.84	1,353.78	1,131.64	222.13	6.094			
23,100.00	9,750.00	23,066.51	9,749.90	111.91	111.76	-90.00	13,964.94	-674.68	1,353.78	1,130.18	223.60	6.055			
23,200.00	9,750.00	23,166.51	9,749.90	112.64	112.49	-90.00	14,064.94	-675.53	1,353.78	1,128.72	225.06	6.015			
23,300.00	9,750.00	23,266.51	9,749.90	113.38	113.23	-90.00	14,164.93	-676.37	1,353.78	1,127.26	226.52	5.976			
23,400.00	9,750.00	23,366.51	9,749.90	114.11	113.96	-90.00	14,264.93	-677.22	1,353.78	1,125.79	227.99	5.938			
23,500.00	9,750.00	23,466.51	9,749.90	114.84	114.69	-90.00	14,364.93	-678.06	1,353.78	1,124.33	229.45	5.900			
23,600.00	9,750.00	23,566.51	9,749.90	115.57	115.42	-90.00	14,464.92	-678.91	1,353.78	1,122.86	230.92	5.863			
23,700.00	9,750.00	23,666.51	9,749.90	116.31	116.16	-90.00	14,564.92	-679.76	1,353.78	1,121.39	232.38	5.826			
23,800.00	9,750.00	23,766.51	9,749.90	117.04	116.89	-90.00	14,664.91	-680.60	1,353.78	1,119.92	233.85	5.789			
23,900.00	9,750.00	23,866.51	9,749.90	117.77	117.63	-90.00	14,764.91	-681.45	1,353.78	1,118.45	235.32	5.753			
24,000.00	9,750.00	23,966.51	9,749.90	118.51	118.36	-90.00	14,864.91	-682.29	1,353.78	1,116.98	236.79	5.717			
24,100.00	9,750.00	24,066.51	9,749.90	119.24	119.10	-90.00	14,964.90	-683.14	1,353.78	1,115.51	238.26	5.682			
24,200.00	9,750.00	24,166.51	9,749.90	119.98	119.83	-90.00	15,064.90	-683.99	1,353.78	1,114.04	239.73	5.647			
24,300.00	9,750.00	24,266.51	9,749.90	120.71	120.57	-90.00	15,164.90	-684.83	1,353.78	1,112.57	241.21	5.612			
24,400.00	9,750.00	24,366.51	9,749.90	121.45	121.31	-90.00	15,264.89	-685.68	1,353.78	1,111.09	242.68	5.578			
24,500.00	9,750.00	24,466.51	9,749.90	122.19	122.04	-90.00	15,364.89	-686.52	1,353.77	1,109.62	244.16	5.545			
24,600.00	9,750.00	24,566.51	9,749.90	122.92	122.78	-90.00	15,464.89	-687.37	1,353.77	1,108.14	245.63	5.511			
24,700.00	9,750.00	24,666.51	9,749.90	123.66	123.52	-90.00	15,564.88	-688.22	1,353.77	1,106.67	247.11	5.479			
24,800.00	9,750.00	24,766.51	9,749.90	124.40	124.26	-90.00	15,664.88	-689.06	1,353.77	1,105.19	248.58	5.446			
24,900.00	9,750.00	24,866.51	9,749.90	125.14	125.00	-90.00	15,764.87	-689.91	1,353.77	1,103.71	250.06	5.414			
25,000.00	9,750.00	24,966.51	9,749.90	125.88	125.74	-90.00	15,864.87	-690.75	1,353.77	1,102.24	251.54	5.382			
25,100.00	9,750.00	25,066.51	9,749.90	126.62	126.47	-90.00	15,964.87	-691.60	1,353.77	1,100.76	253.02	5.351			

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - OH - Plan #1

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 usft

Survey Program:		0-MWD+IFR1+MS		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		
25,200.00	9,750.00	25,166.51	9,749.90	127.36	127.21	-90.00	16,064.86	-692.44	1,353.77	1,099.28	254.50	5.319		
25,300.00	9,750.00	25,266.51	9,749.90	128.09	127.95	-90.00	16,164.86	-693.29	1,353.77	1,097.80	255.98	5.289		
25,400.00	9,750.00	25,366.51	9,749.90	128.84	128.69	-90.00	16,264.86	-694.14	1,353.77	1,096.32	257.46	5.258		
25,500.00	9,750.00	25,466.51	9,749.90	129.58	129.44	-90.00	16,364.85	-694.98	1,353.77	1,094.83	258.94	5.228		
25,600.00	9,750.00	25,566.51	9,749.90	130.32	130.18	-90.00	16,464.85	-695.83	1,353.77	1,093.35	260.42	5.198		
25,700.00	9,750.00	25,666.51	9,749.90	131.06	130.92	-90.00	16,564.85	-696.67	1,353.77	1,091.87	261.90	5.169		
25,800.00	9,750.00	25,766.51	9,749.90	131.80	131.66	-90.00	16,664.84	-697.52	1,353.77	1,090.39	263.39	5.140		
25,900.00	9,750.00	25,866.51	9,749.90	132.54	132.40	-90.00	16,764.84	-698.37	1,353.77	1,088.90	264.87	5.111		
26,000.00	9,750.00	25,966.51	9,749.90	133.28	133.14	-90.00	16,864.84	-699.21	1,353.77	1,087.42	266.36	5.083		
26,100.00	9,750.00	26,066.51	9,749.90	134.02	133.89	-90.00	16,964.83	-700.06	1,353.77	1,085.93	267.84	5.054		
26,200.00	9,750.00	26,166.51	9,749.90	134.77	134.63	-90.00	17,064.83	-700.90	1,353.77	1,084.44	269.33	5.026		
26,300.00	9,750.00	26,266.51	9,749.90	135.51	135.37	-90.00	17,164.82	-701.75	1,353.77	1,082.96	270.81	4.999		
26,400.00	9,750.00	26,366.51	9,749.90	136.25	136.12	-90.00	17,264.82	-702.60	1,353.77	1,081.47	272.30	4.972		
26,500.00	9,750.00	26,466.51	9,749.90	137.00	136.86	-90.00	17,364.82	-703.44	1,353.77	1,079.98	273.79	4.945		
26,600.00	9,750.00	26,566.51	9,749.90	137.74	137.61	-90.00	17,464.81	-704.29	1,353.77	1,078.49	275.28	4.918		
26,700.00	9,750.00	26,666.51	9,749.90	138.49	138.35	-90.00	17,564.81	-705.13	1,353.77	1,077.00	276.77	4.891		
26,800.00	9,750.00	26,766.51	9,749.90	139.23	139.09	-90.00	17,664.81	-705.98	1,353.77	1,075.51	278.26	4.865		
26,900.00	9,750.00	26,866.51	9,749.90	139.97	139.84	-90.00	17,764.80	-706.82	1,353.77	1,074.02	279.75	4.839		
27,000.00	9,750.00	26,966.51	9,749.90	140.72	140.59	-90.00	17,864.80	-707.67	1,353.77	1,072.53	281.24	4.814		
27,100.00	9,750.00	27,066.51	9,749.90	141.46	141.33	-90.00	17,964.80	-708.52	1,353.77	1,071.04	282.73	4.788		
27,200.00	9,750.00	27,166.51	9,749.90	142.21	142.08	-90.00	18,064.79	-709.36	1,353.77	1,069.55	284.22	4.763		
27,300.00	9,750.00	27,266.51	9,749.90	142.96	142.82	-90.00	18,164.79	-710.21	1,353.77	1,068.06	285.71	4.738		
27,400.00	9,750.00	27,366.51	9,749.90	143.70	143.57	-90.00	18,264.79	-711.05	1,353.77	1,066.57	287.20	4.714		
27,500.00	9,750.00	27,466.51	9,749.90	144.45	144.32	-90.00	18,364.78	-711.90	1,353.77	1,065.07	288.70	4.689		
27,600.00	9,750.00	27,566.51	9,749.90	145.19	145.06	-90.00	18,464.78	-712.75	1,353.77	1,063.58	290.19	4.665		
27,700.00	9,750.00	27,666.51	9,749.90	145.94	145.81	-90.00	18,564.77	-713.59	1,353.77	1,062.08	291.69	4.641		
27,800.00	9,750.00	27,766.51	9,749.90	146.69	146.56	-90.00	18,664.77	-714.44	1,353.77	1,060.59	293.18	4.618		
27,900.00	9,750.00	27,866.51	9,749.90	147.44	147.30	-90.00	18,764.77	-715.28	1,353.77	1,059.09	294.67	4.594		
28,000.00	9,750.00	27,966.51	9,749.90	148.18	148.05	-90.00	18,864.76	-716.13	1,353.77	1,057.60	296.17	4.571		
28,100.00	9,750.00	28,066.51	9,749.90	148.93	148.80	-90.00	18,964.76	-716.97	1,353.77	1,056.10	297.67	4.548		
28,200.00	9,750.00	28,166.51	9,749.90	149.68	149.55	-90.00	19,064.76	-717.82	1,353.77	1,054.61	299.16	4.525		
28,300.00	9,750.00	28,266.51	9,749.90	150.43	150.30	-90.00	19,164.75	-718.67	1,353.77	1,053.11	300.66	4.503		
28,400.00	9,750.00	28,366.51	9,749.90	151.17	151.04	-90.00	19,264.75	-719.51	1,353.77	1,051.61	302.16	4.480		
28,500.00	9,750.00	28,466.51	9,749.90	151.92	151.79	-90.00	19,364.75	-720.36	1,353.77	1,050.11	303.65	4.458		
28,600.00	9,750.00	28,566.51	9,749.90	152.67	152.54	-90.00	19,464.74	-721.20	1,353.77	1,048.62	305.15	4.436		
28,700.00	9,750.00	28,666.51	9,749.90	153.42	153.29	-90.00	19,564.74	-722.05	1,353.77	1,047.12	306.65	4.415		
28,800.00	9,750.00	28,766.51	9,749.90	154.17	154.04	-90.00	19,664.74	-722.90	1,353.77	1,045.62	308.15	4.393		
28,900.00	9,750.00	28,866.51	9,749.90	154.92	154.79	-90.00	19,764.73	-723.74	1,353.77	1,044.12	309.65	4.372		
29,000.00	9,750.00	28,966.51	9,749.90	155.67	155.54	-90.00	19,864.73	-724.59	1,353.77	1,042.62	311.15	4.351		
29,100.00	9,750.00	29,066.51	9,749.90	156.42	156.29	-90.00	19,964.72	-725.43	1,353.77	1,041.12	312.65	4.330		
29,200.00	9,750.00	29,166.51	9,749.90	157.17	157.04	-90.00	20,064.72	-726.28	1,353.77	1,039.62	314.15	4.309		
29,300.00	9,750.00	29,266.51	9,749.90	157.92	157.79	-90.00	20,164.72	-727.13	1,353.77	1,038.12	315.65	4.289		
29,400.00	9,750.00	29,366.51	9,749.90	158.67	158.54	-90.00	20,264.71	-727.97	1,353.77	1,036.62	317.15	4.269		
29,500.00	9,750.00	29,466.51	9,749.90	159.42	159.29	-90.00	20,364.71	-728.82	1,353.77	1,035.12	318.65	4.248		
29,600.00	9,750.00	29,566.51	9,749.90	160.17	160.04	-90.00	20,464.71	-729.66	1,353.77	1,033.61	320.15	4.229		
29,700.00	9,750.00	29,666.51	9,749.90	160.92	160.79	-90.00	20,564.70	-730.51	1,353.77	1,032.11	321.66	4.209		
29,800.00	9,750.00	29,766.51	9,749.90	161.67	161.55	-90.00	20,664.70	-731.35	1,353.77	1,030.61	323.16	4.189		
29,900.00	9,750.00	29,866.51	9,749.90	162.42	162.30	-90.00	20,764.70	-732.20	1,353.77	1,029.11	324.66	4.170		
30,000.00	9,750.00	29,966.51	9,749.90	163.17	163.05	-90.00	20,864.69	-733.05	1,353.77	1,027.60	326.16	4.151		
30,100.00	9,750.00	30,066.51	9,749.90	163.93	163.80	-90.00	20,964.69	-733.89	1,353.77	1,026.10	327.67	4.132		

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 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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 223H - 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		
30,200.00	9,750.00	30,166.51	9,749.90	164.68	164.55	-90.00	21,064.69	-734.74	1,353.77	1,024.59	329.17	4.113		
30,300.00	9,750.00	30,266.51	9,749.90	165.43	165.30	-90.00	21,164.68	-735.58	1,353.77	1,023.09	330.68	4.094		
30,400.00	9,750.00	30,366.51	9,749.90	166.18	166.06	-90.00	21,264.68	-736.43	1,353.77	1,021.59	332.18	4.075		
30,418.57	9,750.00	30,385.08	9,749.90	166.32	166.20	-90.00	21,283.25	-736.59	1,353.77	1,021.31	332.46	4.072	SF	

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

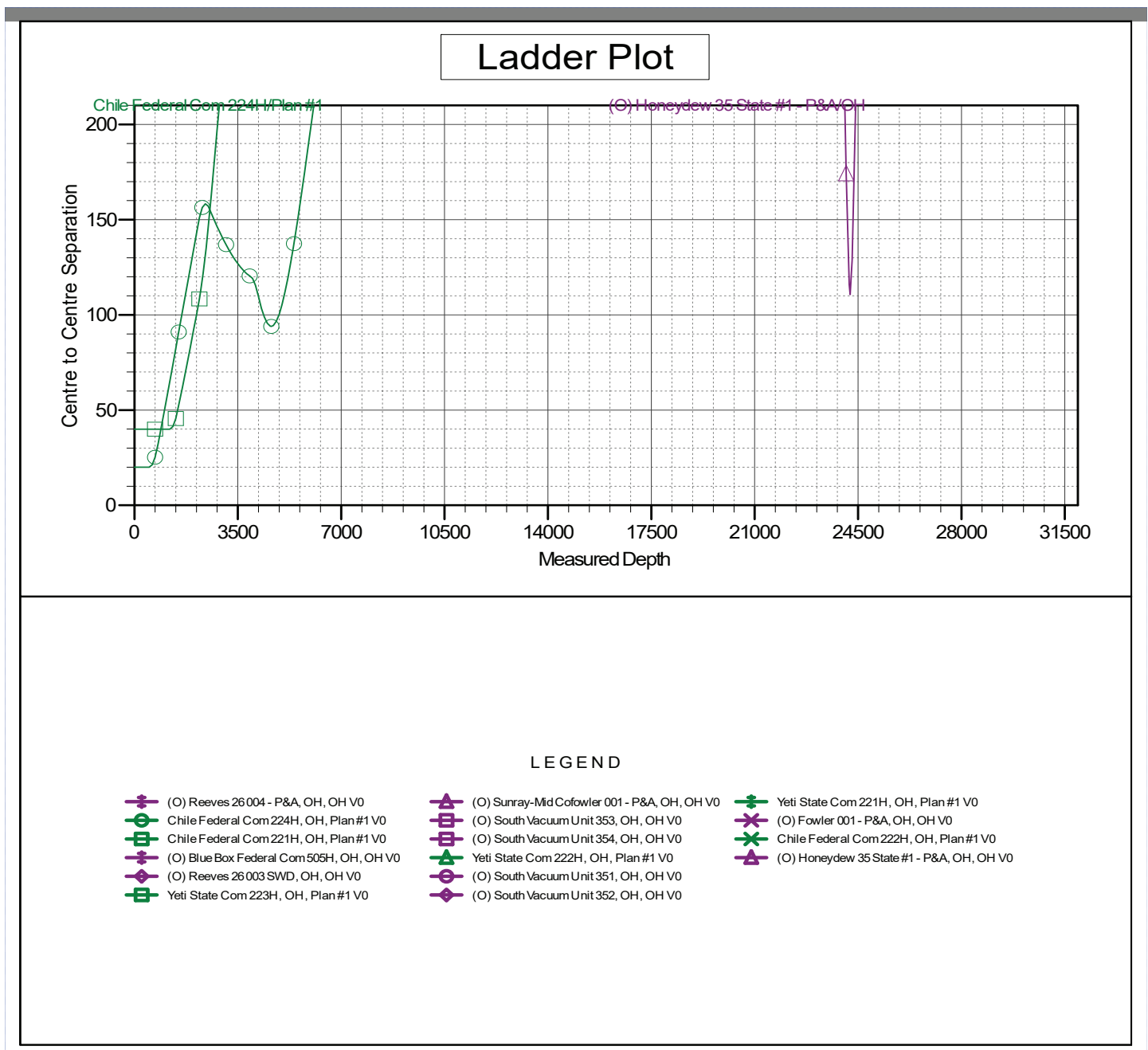
Total Directional Anticollision Report



Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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' + KB 23' @ 3784.00usft (Cactu
Offset Depths are relative to Offset Datum
Central Meridian is -104.3333333

Coordinates are relative to: Yeti State Com 224H
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

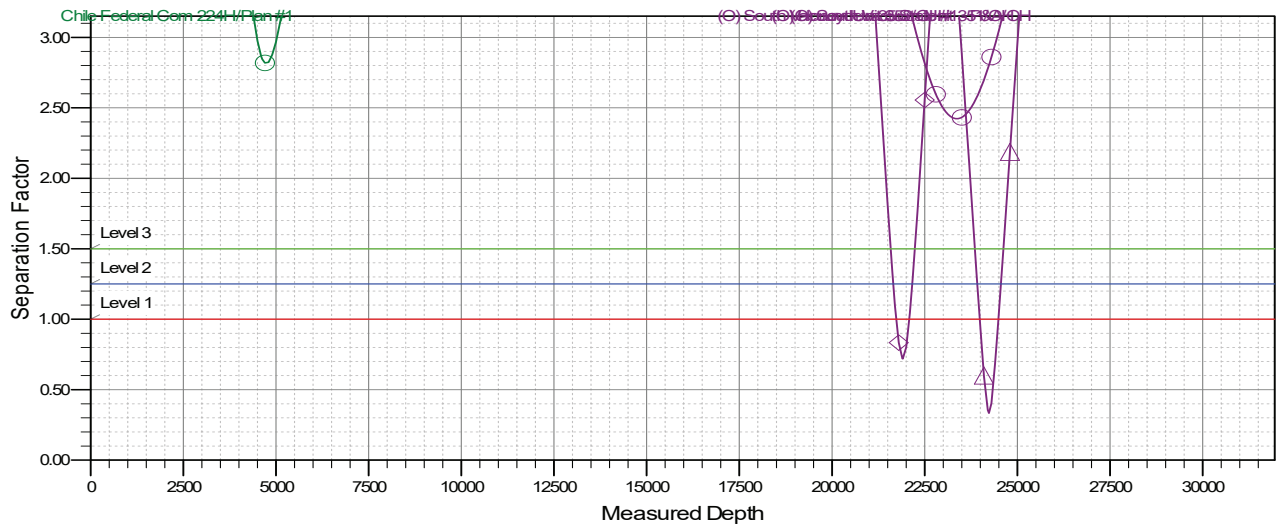


Company:	Coterra Energy	Local Co-ordinate Reference:	Well Yeti State Com 224H
Project:	Lea County, NM (NAD 83)	TVD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Reference Site:	Yeti-Chile pad	MD Reference:	GE 3761' + KB 23' @ 3784.00usft (Cactus 148)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Yeti State Com 224H	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' + KB 23' @ 3784.00usft (Cactu
Offset Depths are relative to Offset Datum
Central Meridian is -104.3333333

Coordinates are relative to: Yeti State Com 224H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.49°

Separation Factor Plot



LEGEND

- | | | |
|--|--|---|
| (O) Reeves 26 004 - P&A, OH, OH V0 | (O) Sunray-Mid Cofowler 001 - P&A, OH, OH V0 | Yeti State Com 221H, OH, Plan #1 V0 |
| Chile Federal Com 224H, OH, Plan #1 V0 | (O) South Vacuum Unit 353, OH, OH V0 | (O) Fowler 001 - P&A, OH, OH V0 |
| Chile Federal Com 221H, OH, Plan #1 V0 | (O) South Vacuum Unit 354, OH, OH V0 | Chile Federal Com 222H, OH, Plan #1 V0 |
| (O) Blue Box Federal Com 505H, OH, OH V0 | Yeti State Com 222H, 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 351, OH, OH V0 | |
| Yeti State Com 223H, OH, Plan #1 V0 | (O) South Vacuum Unit 352, OH, OH 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	Mertzton			
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:

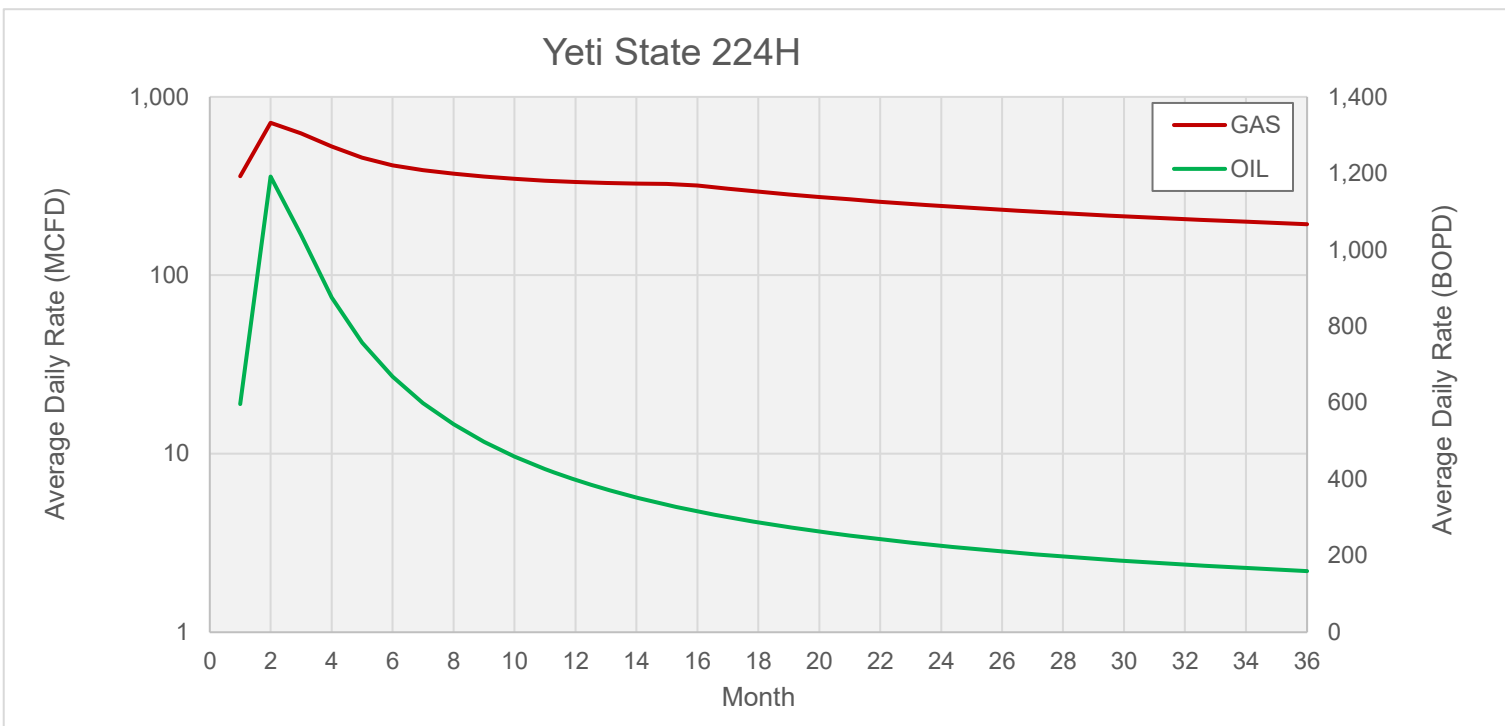
From State of New Mexico, Natural Gas Management Plan

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 224H	Yeti State 224H
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.