<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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 375783

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

	AT LIGATION ON ENVIOLENCE LINE LINE LINE LINE LINE LINE LINE LIN	i, i LOOBAOII, OITADD A ZOILL
1. Operator Name and Address		2. OGRID Number
XTO PERMIAN OPERA	TING LLC.	373075
6401 HOLIDAY HILL RO	DAD	3. API Number
MIDLAND, TX 79707		30-015-55686
4. Property Code	5. Property Name	6. Well No.
336438	REMUDA NORTH 25 ST	501H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	25	23S	29E		2375	S	615	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	24	23S	29E	D	50	N	770	W	Eddv

9. Pool Information

FORTY NINER RIDGE BONE SPRING, WEST	96526

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3066
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	16141	1st Bone Spring Sand		1/7/2025
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	275	280	0
Int1	12.25	9.625	40	3277	1470	0
Int2	8.75	7.625	29.7	7236	140	5716
Int2	8.75	7.625	29.7	3377	430	2777
Prod	6.75	5.5	20	16141	620	7443
Prod	6.75	5.5	5.5	7136	20	6736

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type Working Pressure Test Pressure Manufacturer	
Hydril 2022 2022	

knowledge and be		true and complete to the best of my		OIL CONSERVATION	ON DIVISION
Printed Name:	Electronically filed by Tiffany Yancey			Ward Rikala	
Title:	Production Analyst	Title:	Petroleum Specialist Superv	isor	
Email Address:	mail Address: tiffany.yancey@exxonmobil.com			11/7/2024	Expiration Date: 11/7/2026
Date:	10/25/2024 Phone: 432-215-8939			oval Attached	

<u>C-10</u>	<u>)2</u>		Ene	ergy, N	State of N Minerals & Natu	ew Mexico	Departme	nt			Revised July 9, 2024
	lectronically Permitting				IL CONSERVA		•				Initial Submittal
Via OCD	Permitting								Submit Type:	tal	Amended Report
											As Drilled
					WELL LOCATION	INFORMATION	1			•	
API Nu	ımber 015 -556 8	06	Pool Code		Pool Nan		ONE OPPING	MEGE			
Propert		00	96526 Property Name	REM	UDA NORTH 25 ST	Y NINER RIDGE BO	ONE SPRING,	WEST		Well N	
ORGIE 3730) No.		Operator Name	хто	PERMIAN OPERATII	NG, LLC				Ground	1 Level Elevation 6'
Surface	e Owner: 🛛	State F	ee 🗌 Tribal 🗌	Federal		Mineral Owner: D	State	☐ Tribal	l 🔲 Fed	leral	
					Surface	Location					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude		County
L	25	23 S	29 E		2,375' FSL	615' FWL	32.275126	3 -	-103.94	4754	EDDY
						ole Location					
UL D	Section 24	Townshi 23 S	P Range 29 E	Lot	Ft. from N/S 50' FNL	Ft. from E/W 770' FWL	Latitude 32.297667		ongitude -103.94	4323	County EDDY
				1							
Dedica 240	ted Acres	Infill or D	efining Well	Definin	g Well API	Overlapping Spacing N	Unit (Y/N)	Consolidat	tion Code	e	
Order N	Numbers.					Well setbacks are und	der Common Ow	nership:	X Yes [☐ No	
T.17		m 1.	n.	Ι.,		Point (KOP)	T 22 1		1		
UL L	Section 25	Townshi 23 S	p Range 29 E	Lot	Ft. from N/S 2,286' FSL	Ft. from E/W 775' FWL	Latitude 32.274880		ongitude -103.94	4238	County EDDY
					First Take	Point (FTP)					
UL E	Section 25	Townshi 23 S	P Range 29 E	Lot	Ft. from N/S 2,310' FNL	Ft. from E/W 770' FWL	Latitude 32.276849		ngitude -103.94	4245	County EDDY
					Last Take	Point (LTP)					
UL D	Section 24	Townshi 23 S	` ~~~ -	Lot	Ft. from N/S 100' FNL	Ft. from E/W 770' FWL	Latitude 32.297529		ongitude 103.94	4322	County EDDY
Unitize	d Area or Are	ea of Unifor	m Interest	Spacin	g Unit Type 🔀 Horizon	ntal Vertical	Grou	nd Floor E	Elevation	3,066	1
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR	CERTIFICA	TIONS			
					e and complete to the either owns a working		rveys made by m	e or unde			plotted from field , and that the same
location an own	n or has a rigi er of such a n	ht to drill th nineral or w	is well at this locd orking interest, of	ition purs to a voli	the proposed bottom hole want to a contract with untary pooling by the division.	is true and correct I, TIM C. PAPPAS, NEV 21209, DO HEREBY CI ACTUAL SURVEY ON TI WERE PERFORMED BY	W MEXICO PROFESSI ERTIFY THAT THIS S HE GROUND UPON ME OR UNDER MY	IONAL SURV SURVEY PLAT WHICH IT IS DIRECT SU	T AND THE BASED PERVISION:		C. PAPP
If this v	vell is a horize sent of at leas	ontal well, I st one lessee	further certify the or owner of a wo	at this org rking inte	eanization has received crest or unleased mineral	THAT I AM RESPONSIB MEETS THE MINIMUM S MEXICO, AND THAT IS MY KNOWLEDGE AND E	STANDARDS FOR SUI TRUE AND CORRECT	RVEYING IN	NEW		EM WEXICO
comple	ted interval w				ich any part of the well's y pooling form the	$\mathcal{N}_{\mathcal{N}}$		- · •			21209
divisio	division.					TIM C. PAPPAS REGISTERED PROFESSION STATE OF NEW MEXICO	ONAL LAND SURVEY O NO. 21209	OR	\	ROKES.	DONAL SURVICE
Signatu				Date		Signature and Seal	of Professional S	Surveyor			
A	drian	Bak	er	10)/23/24						
Printed		ian Ba	kor			Certificate Number	Da	ite of Surv	/ey		
		iaii Da	N ⊂ I			TIM C. PAPPAS	S 21209	10/22/2	2024		
Email A			baker@ex								
	Note: No al	llowable wii	l be assigned to	this comp	letion until all interests	have been consolidate	d or a non-stand	lard unit h	nas been	approve	d by the division.

FSCINC BURVEYORS+ENGINEERS

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBP15 Firm 10193887
www.fscinc.net
© COPYRIGHT 2024 - ALL RIGHTS RESERVED

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

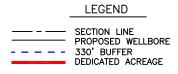
10-22-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2024090427

1 OF 2 REVISION: NO

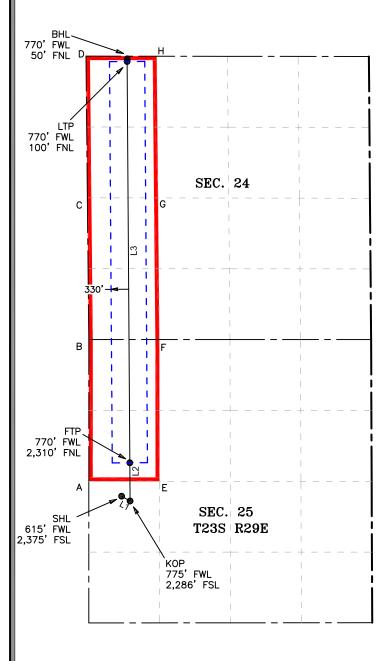
ACREAGE DEDICATION PLATS

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

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



	LINE TABLE							
LINE	AZIMUTH	LENGTH						
L1	119 04'30"	182.90'						
L2	359° 36'41"	716.26'						
L3	359' 36'32"	7,573.41						



	С	OORDIN	ATE TAE	BLE	
SH	L (NAD 83 NN	ΛE)	LT	TP (NAD 83 NM	E)
Y =	464,041.2	N	Y =	472,191.8	N
X =	661,431.8	Е	X =	661,535.6	Е
LAT. =	32.275126	°N	LAT. =	32.297529	°N
LONG. =	103.944754	°W	LONG. =	103.944322	°W
КО	P (NAD 83 NI	ΛE)	В	HL (NAD 83 NM	E)
Y =	463,952.3	Ν	Y =	472,241.8	N
X =	661,591.7	Е	X =	661,535.1	Е
LAT. =	32.274880	°N	LAT. =	32.297667	°N
LONG. =	103.944238	°W	LONG. =	103.944323	°W
FT	P (NAD 83 NN	IE)			
Y =	464,668.5	N			
X =	661,586.8	Е			
LAT. =	32.276849	°N			
LONG. =	103.944245	°W			
SH	L (NAD 27 NN	ΛE)	Lī	E)	
Y =	463,981.3	N	Y =	472,131.7	N
X =	620,249.0	Е	X =	620,353.1	Е
LAT. =	32.275002	°N	LAT. =	32.297406	°N
LONG. =	103.944262	°W	LONG. =	103.943830	°W
КО	P (NAD 27 NI	ΛE)	В	HL (NAD 27 NM	E)
Y =	463,892.4	Ν	Y =	472,181.7	N
X =	620,408.9	Е	X =	620,352.6	Е
LAT. =	32.274756	°N	LAT. =	32.297543	°N
LONG. =	103.943746	°W	LONG. =	103.943831	°W
	P (NAD 27 NN	IE)			
Y =	464,608.6	N			
X =	620,404.0	Е			
LAT. =	32.276725	°N			
LONG. =	103.943753	°W			

CC	CORNER COORDINATES (NAD83 NME)								
A - Y =	464,320.4	Ν	A - X =	660,816.8	Е				
B - Y =	466,978.2	N	B - X =	660,817.0	Е				
C - Y =	469,636.2	N	C - X =	660,790.3	Е				
D - Y =	472,292.9	N	D - X =	660,764.6	Е				
E-Y=	464,319.7	N	E - X =	662,143.0	Е				
F-Y=	466,978.8	N	F-X=	662,140.6	Е				
G-Y=	469,634.0	N	G-X=	662,115.2	Е				
H-Y=	472,291.0	N	H-X=	662,090.3	Е				
CC	RNER COO	RDII	NATES (I	NAD27 NME)					
A - Y =	464,260.5	N	A - X =	619,634.0	Е				
B - Y =	466,918.2	N	B - X =	619,634.3	Е				
C - Y =	469,576.2	N	C - X =	619,607.7	Е				
D - Y =	472,232.8	N	D - X =	619,582.1	Е				
E-Y=	464,259.8	N	E - X =	620,960.2	Е				
F - Y =	466,918.8	N	F - X =	620,957.9	Е				
G - Y =	469,574.0	N	G-X=	620,932.6	Ε				
H - Y =	472,230.9	N	H-X=	620,907.8	Ε				



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net

DATE: 10-22-2024

DRAWN BY: LM

CHECKED BY: CH

FIELD CREW: IR

PROJECT NO: 2024090427

SCALE: 1" = 2,500'

SHEET: 2 OF 2

REVISION: NO

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form APD Comments

Permit 375783

PERMIT COMMENTS

Operator Name and Address:	API Number:
XTO PERMIAN OPERATING LLC. [373075]	30-015-55686
6401 HOLIDAY HILL ROAD	Well:
MIDLAND, TX 79707	REMUDA NORTH 25 ST #501H

Created By	Comment	Comment Date
vrajan	A variance is requested to allow use of a Flex Hose, Break Test Variance, to be able to batch drill, to utilize a spudder rig.	10/25/2024

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

<u>District II</u> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <u>District III</u>

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form APD Conditions

Permit 375783

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
XTO PERMIAN OPERATING LLC. [373075]	30-015-55686
6401 HOLIDAY HILL ROAD	Well:
MIDLAND, TX 79707	REMUDA NORTH 25 ST #501H

OCD Reviewer	Condition
ward.rikala	Notify the OCD 24 hours prior to casing & cement.
ward.rikala	File As Drilled C-102 and a directional Survey with C-104 completion packet.
ward.rikala	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.
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing.
ward.rikala	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.
ward.rikala	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.
ward.rikala	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.

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: XTO Permian Operating, LLC	OGRID: 373075	Date: 09/24/2024
II. Type: ⊠ Original □ Amendment due to □] 19.15.27.9.D(6)(a) NMAC □ 19.1	5.27.9.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	Anticip ated Oil BBL/D	3 yr Anticipat ed decline Oil BBL/D	Anticipated Gas MCF/D	3 yr anticipated decline Gas MCF/D	Anticipated Produced Water BBL/D	3 yr anticipated decline Water BBL/D
Remuda North 25 ST 161H	TDD	25 T23S R29E	2375 FSL, 585 FWL	1,100	100	3,250	500	3,500	350
Remuda North 25 ST 501H	TBD	25 T23S R29E	2375 FSL, 615 FWL	900	100	1,250	300	2,250	250
Remuda North 25 ST 162H	TBD	25 T23S R29E	2374 FSL, 645 FWL	1,100	100	3,250	500	3,500	350
Remuda North 25 ST 163H	TBD	25 T23S R29E	2375 FSL, 1994 FEL	1,100	100	3,250	500	3,500	350
Remuda North 25 ST 502H	TBD	25 T23S R29E	2374 FSL, 1964 FEL	900	100	1,250	300	2,250	250

IV. Central Delivery Point Name:	Raider Compressor Station	[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 TD Reached API Spud Date Completion Initial Flow First Production Date Commencement Date Back Date Date TBD TBD TBD TBD Remuda North 25 **TBD** ST 161H TBD

Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 501H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 162H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 163H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 502H	TBD					

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. \square 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 \square will \square 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 \square does \square 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.

Page 2 of 5

Section 3 - Certifications <u>Effective May 25, 2021</u>

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 ga thering 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. \square 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:

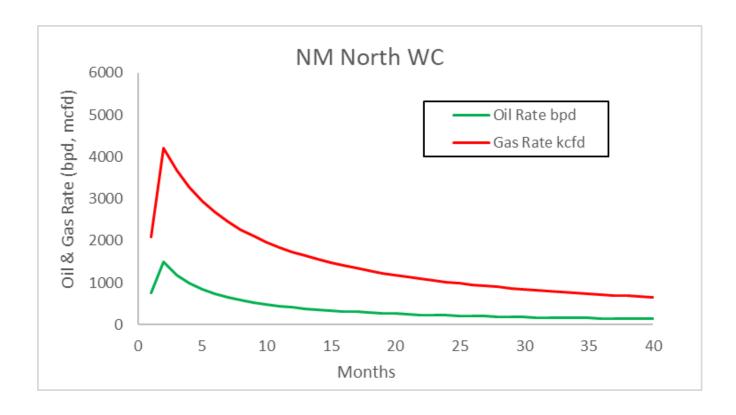
- (a) power generation on lease;
- **(b)** power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other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

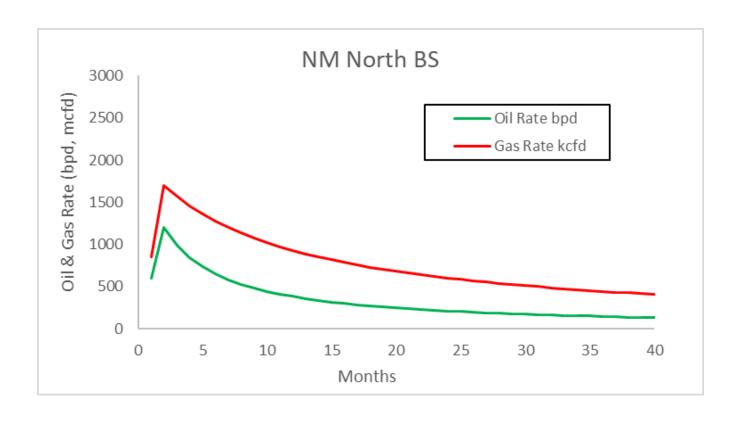
Section 4 - Notices

- 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: AMPM
Printed Name: Adrian Baker
Title: Regulatory Advisor
E-mail Address: adrian.baker@exxonmobil.com
Date: 10/10/24
Phone: 4322363808
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:





VI. Separation Equipment:

XTO Permian Operating LLC. utilizes a "stage separation" process in which oil and gas separation is carried out through a series of separators operating at successively reduced pressures. Hydrocarbon liquids are produced into a high-pressure inlet separator, then carried through one or more lower pressure separation vessels before entering the storage tanks. The purpose of this separation process is to attain maximum recovery of liquid hydrocarbons from the fluids and allow maximum capture of produced gas into the sales pipeline. XTO utilizes a series of Low-Pressure Compression units to capture gas off the staged separation and send it to the sales pipeline. This process minimizes the amount of flash gas that enters the end-stage storage tanks that is subsequently vented or flared.

VII. Operational Practices

XTO Permian Operating LLC will employ best management practices and control technologies to maximize the recovery and minimize waste of natural gas through venting and flaring.

- During drilling operations, XTO will utilize flares to capture and control natural gas, where technically feasible. If flaring is deemed technically in-feasible, XTO will employ best management practices to minimize or reduce venting to the extent possible.
- During completions operations, XTO will utilize Green Completion methods to capture gas produced during well completions that is otherwise vented or flared. If capture is technically infeasible, flares will be used to control flow back fluids entering into frac tanks during initial flowback. Upon indication of first measurable hydrocarbon volumes, XTO Permian Operating LLCwill turn operations to onsite separation vessels and flow to the gathering pipeline.
- During production operations, XTO Permian Operating LLC will take every practical effort to minimize waste of natural gas through venting and flaring by:
 - Designing and constructing facilities in a manner consistent to achieve maximum capture and control of hydrocarbon liquids & produced gas
 - Utilizing a closed-loop capture system to collect, and route produced gas to sales line via low pressure compression, or to a flare/combustor
 - Flaring in lieu of venting, where technically feasible
 - Utilizing auto-ignitors or continuous pilots, with thermocouples connected to Scada, to quickly detect and resolve issues related to malfunctioning flares/combustors
 - Employ the use of automatic tank gauging to minimize storage tank venting during loading events
 - Installing air-driven or electric-driven pneumatics & combustion engines, where technically feasible to minimize venting to the atmosphere
 - Confirm equipment is properly maintained and repaired through a preventative maintenance and repair program to ensure equipment meets all manufacturer specifications

• Conduct and document AVO inspections on the frequency set forth in Part 27 to detect and repair any onsite leaks as quickly and efficiently as is feasible.

VIII. Best Management Practices during Maintenance

XTO Permian Operating LLC. will utilize best management practices to minimize venting during active and planned maintenance activities. XTO is operating under guidance that production facilities permitted under NOI permits have no provisions to allow high pressure flaring and high-pressure flaring is only allowed in disruption scenarios so long as the duration is less than eight hours. When technically feasible, flaring during maintenance activities will be utilized in lieu of venting to the atmosphere. XTO will work with third-party operators during scheduled maintenance of downstream pipeline or processing plants to address those events ahead of time to minimize venting. Actions considered include identifying alternative capture approaches or planning to temporarily reduce production or shut in the well to address these circumstances.

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	OLL CONSERVATION DIVISION Statement	<u>C-10</u>	<u>12</u>				State of N	New Mexico				Revised July 9, 202
Authorities	Control Cont	Cut. 1: T			Ene				•	t		M Law 10 1 12 1
WELL LOCATION INFORMATION API Number 30-015 Pool Code 90-052 Pool State 1 Pool State 2 Pool	WELL LOCATION INFORMATION WELL LOCATION INFORMATION WELL LOCATION INFORMATION Power of Code Power of Code Power of Name FORTY NINER RIDGE BONE SPRING, WEST Well Number 50/14 REDUDA NORTH 25 ST RECIDA No. Operator Name XTO PERRIAN OPERATING, LLC Greand Level Tervation 3,066 The Comment of Code Syraphy State Recipied Code Recip					O	IL CONSERV	ATION DIVIS	SION	Sı	ıbmittal	
WELL LOCATION INFORMATION API Number 30-015 98-026 Projectly Code Projectly Code Projectly Name REMUDA NORTH-25 ST REMUDA NORTH-25 ST SUffice LOCATION Projectly Code Projectly Name REMUDA NORTH-25 ST Surface Location Surface Concert Su	WELL LOCATION INFORMATION PI Number 30:015 965:28 FORTY NINER RIDGE BONE SPRING, WEST Perperty Nine REMUDA NORTH 25 ST SOUTH STATE SOUTH									Ty	/pe:	
APP Number Section Pool Code Pool Name Pool Code Pool Name Poo	Finalisher 964 Code Poperty Name REMUDA NORTH 28 ST Well Number 500 Progray Code Poperty Name REMUDA NORTH 28 ST											As Drilled
Section Percent Number Property Number P	Section Township Range Lot Pi. from NS Pi. from EW Section Township Range Lot Pi. from NS Pi. from EW Section DeFining Will Ambre Section Township Range Lot Pi. from NS Pi. from EW Section DeFining Will Ambre Section Township Range Lot Pi. from NS Pi. from EW Section Township Pi. from EW Section Township Range Lot Pi. from NS Pi						WELL LOCATION	N INFORMATION	N			
Control Number Cont	REMUDA NORTH 25 ST SOH								ONE SPRING, W	/EST		
ORGID No. 37307'S Operator Nome:	According to the process of the pr	Propert	y Code		Property Name	REM	UDA NORTH 25 ST		·			
Surface Location U.L Section Township Range Local Information Section Bottom Hole Location U.L Section Township Range Bottom Hole Location Deficial Acres Infilit or Defining Well Defining Well Defining Well API Defining Well Defining Well Defining Well API Defining Well Defining Well API Defining Well API Defining Well API Defining Well API Defining Well Defining Well API Defining Well Defining Well Defining API Def	Surface Location I. Section Township Range Lox P. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS Bottom Hole Location II. Section Township Range Lox F. from NS P. from NS Location Code Note Nambers II. Section Township Range Lox P. from NS P. from NS Location Code II. Section Township Range Lox F. from NS P. from NS Location Code II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS P. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Range Lox F. from NS Location CFTP II. Section Township Rang				Operator Name	ХТО	PERMIAN OPERATI	NG, LLC			Gro	ound Level Elevation
County C	EL Section Township Range Lot Ft. from N/S 615 FPM Latitude -103.94475d EDDY Bottom Hole Location Section Township Range Lot Ft. from N/S Pt. from FW Latitude -103.94475d EDDY Bottom Hole Location Section Township Range Lot Ft. from N/S Pt. from FW Latitude -103.94473d EDDY Pedicated Acres Jailill or Defining Well Defin	Surface	Owner: 🛛	State F	ee 🗌 Tribal 📗	Federal		Mineral Owner: 5	X State ☐ Fee ☐] Tribal [Federal	
Lange Lang	L 25 23 S 29 E						Surface	Location				
UL Section Township Range Lot Ft. from NS Ft. from EW 32.297667 -103.944323 EDDY	L Section Township Range 24 Defining Well Defining Well API Overlapping Spacing Unit (Y,N) Consolidation Code 240 DEFINING Defining Well Defining Well Defining Well API Overlapping Spacing Unit (Y,N) Consolidation Code N					Lot	1					
Deficienced Acres Intitle or Defining Well Defining Well Defining Well API Overlapping Spacing Unit (Y/N) Consolidation Code	Section Township Range Lot Ft. from NS Ft. from EW Latitude Longitude Longitude 23 S 29 E Lot Ft. from NS Ft. from EW Latitude Longitude Lon	TII	Castian	Tournahia	n Donos	Lot			Latituda	Lancie		Country
Order Numbers. Well setbacks are under Common Ownership: ☐ Yes ☐ No No No No No No No	Note Numbers. Well setbacks are under Common Ownership: ⊠ Yes □ No Kick Off Point (KOP) L. Section Township Range Lot Ft. from NS 2,286 FsL Ft. from EW 32,274880 -103,944238 EDDY First Take Point (FTP) L. Section Township Range Lot Ft. from NS 2,310 FsL Township 32,2076849 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,276849 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,276849 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,276849 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) L. Section Township Range Lot Ft. from NS 770 FwL 32,297529 -103,944245 EDDY Last Take Point (LTP) Township To				' -	Lot			I	0		
New Year County New Year No County Name Name	Kick Off Point (KOP)		ted Acres	1		Definir	ng Well API		g Unit (Y/N) Co	nsolidation	Code	
Section Township Range Lot Pt. From N/S Pt. From E/W 1. 1. 1. 1. 1. 1. 1. 1	Kick Off Point (KOP) Latinude		T1	DEFIN	IING						,	,
Unitized Area or Area of Uniform Interest Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,066*	County C	Order I	vuilibers.					well setbacks are un	ider Common Owne	rsnip: 🔀 1	es 🔝 N	10
Last Take Point (FTP)	First Take Point (FTP) Last Take Point (LTP) Last Take Point (LTP)		T	T			T	1				
Latitude Section 23 S 29 E Lot Ft. from N/S 2,310 FNL Take Point (LTP)	Let Section Township 23 S 29 E Lot Ft. from N/S 2,310° FNL Trake Point (LTP) Last Take Poi				. -	Lot	2,286' FSL	775' FWL		-		•
Last Take Point (LTP) Last Take Point (LTP)	Last Take Point (LTP)	UL	Section	Township	p Range	Lot		· · · · · · · · · · · · · · · · · · ·	Latitude	Longit	ude	County
Unitized Area or Area of Uniform Interest Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,066' OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a complete pool or formation in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. SURVEYOR CERTIFICATIONS SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I how the people well of the well so that the well location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofieve entered by the division. If hereby certify that the well location shown on this plat was plotted from field notes of my knowledge and belief, and that this organization has received the consent of all least one lesses or owner of a working interest or unleased mineral interest in each trust (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the well's completed interval will be located or obtained a compulsory pooling form the well's completed interval will be located or obtained a compulsory pooling form the well's completed interval will be located or obtained a compulsory pooling form the well's completed interval will be located or obtained a compulsory pooling form the well's complete the consense of the consense of the consense of the consense of the c	The Section of Area of Uniform Interest Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,066' SURVEYOR CERTIFICATIONS Above the information contained herein is true and complete to the cest of my knowledge and belief, and that this organization either owns a working iterest or unleased mineral interest in the land including the proposed bottom hole cation on has a right to drill list well at this location pursuant to a contract with no wome of such a mineral or working interest, or to a voluntary pooling greeneur of a compulsory pooling order hereticipies entered by the division. 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 the hand including the well's manufact (in the target pool or formation) in which any poor of the well's myleted interval will be located or obtained a compulsory pooling form the lesses of the lessee of the located or obtained a compulsory pooling form the lesses of the lessee of the lesse				. -			1		_		
D 24 23 S 29 E 100° FNL 770° FWL 32.297529 -103.944322 EDDY Unitized Area or Area of Uniform Interest Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,066′ OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased minered interest in the land including the proposed boatom hole location or has a right to drill this well at this location pursuant to a contract with an owner of sixed an aineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Interest or Area of Uniform Interest Pooling Jornal Type Horizontal Vertical Ground Floor Elevation: 3,066′ SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the be	Thitized Area or Area of Uniform Interest Spacing Unit Type Merizontal Vertical Spacing Unit Type Merizontal Vertical Surveyor Certifications Surveyor Certifications Surveyor Certifications Surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. In the consent of a vight to drill this well at this location pursuant to a contract with no waver of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. This well is a horizontal well. I further certify that this organization has received attention of the last one lessee or owner of a working interest or unleasted mineral areas in each tract (in the target pool or formation) in which any part of the wells myletical dinerval will be located or obtained a compulsory pooling form the wission. Date Adrian Baker Date Adrian Baker TIM C. PAPPAS 21209 Date of Survey Tim C. PAPPAS 21209	III	Section	Township	n Range	Lot			Latitude	Longit	ude	County
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes or extual surveys made by me or under my supervision, and that the same interes of extual surveys motes of extual surveys made by me or under my supervision, and that the same interes or the late of the under survey of the Ground proportion of the dest of extual surveys made by me or under my supervision, and that the same interes or the under my supervision, and that the same interes or the under my supervision, and that the same interes or the under my supervision. I hreefy certify that the well location shown on this plat was plotted from field notes of extual su	Departure Certifications In hereby certify that the information contained herein is true and complete to the est of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole leads on or has a right to drill this well at this location pursuant to a contract with a owner of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well. I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's impleted interval will be located or obtained a compulsory pooling form the vivision. Date Adrian Baker Tim C. PAPPAS 21209 Date of Surveyor			1 1		Lot						
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes of extual surveys made by me or under my supervision, and that the same interes or understance to the during the form of extu	Departure Certifications I hereby certify that the information contained herein is true and complete to the est of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole leads on or has a right to drill this well at this location pursuant to a contract with a owner of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received we consent of at least one lessee or owner of a working interest or unleased mineral interest (in the target pool or formation) in which any part of the well's impleted interval will be located or obtained a compulsory pooling form the vivision. Date Adrian Baker TIM C. PAPPAS 21209 Date of Surveyor TIM C. PAPPAS 21209 Date of Surveyor TIM C. PAPPAS 21209 Date of Survey TIM C. PAPPAS 21209	Unitize	d Area or Are	ea of Uniforn	m Interest	Spacir	ng Unit Type 🛛 Horizo	ntal 🗌 Vertical	Ground	Floor Eleva	tion: 2.0	nee'
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Date Adrian Baker Email Address Adrian.baker@exxonmobil.com I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. I, TM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY THAT THIS SURVEY THAT THIS SURVEY. AD HAVE A RESPONSIBLE FOR THIS SURVEY. THAT THIS SURVEY WE ADD THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND CORRECT TO THE BEST OF WELL NO. MEXICOL AND THAT IS TRUE AND COR	hereby certify that the information contained herein is true and complete to the est of my knowledge and belief, and that this organization either owns a working turerest or unleased mineral interest in the land including the proposed bottom hole scation or has a right to drill this well at this location pursuant to a contract with nowner of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. This well is a horizontal well, I further certify that this organization has received a consent of at least one lessee or owner of a working interest or unleased mineral terest in each tract (in the target pool or formation) in which any part of the well's ompleted interval will be located or obtained a compulsory pooling form the invision. Date Date Adrian Baker Date Date Certificate Number Date of Survey TIM C. PAPPAS 21209 Date of Survey TIM C. PAPPAS 21209 Date of Survey TIM C. PAPPAS 21209 TIM C. PAPPAS 21209 Date of Survey TIM C. PAPPAS 21209										3,0	100
best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com	notes of actual surveys made by me or under my supervision, and that the same is the same interest or unleased mineral interest in the land including the proposed bottom hole actuation or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. This is the same of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. This 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 atterest in each tract (in the target pool or formation) in which any part of the well's invision. This is the same of a contract with the same is true and correct to the best of my belief. The company belief is true and correct to the best of my belief. I TIM C. PAPPAS, IND WERKOO PROFESSIONAL SURVEYOR NO. 21209, DO HERETO CERTIFY THAT THIS SURVEY WHICH THIS SURVEY WEET OF MENULON PURCEY OF THIS SURVEY. THAT THIS SURVEY WEET OF MENULON SURVEYOR THAT I HIS SURVEY WEET OF MENULON SURVEYOR THAT I HIS SURVEY WEET OF MENULON SURVEYOR THAT I HIS SURVEY WEET OF MENULON SURVEYOR STATE OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF THE SURVEY. THAT THIS SURVEY WEET OF MENULON SURVEYOR STATE OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF THE SURVEY. THAT THIS SURVEY WEET OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE BEST OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE SURVEY. THAT THIS SURVEY WEET OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE SURVEY WEET OF NEW MEXICO, AND HAIT IS TRUE AND CORRECT TO THE SURVEY WEET OF NEW MEXICO, AND	OPE	RATOR C	ERTIFIC	ATIONS			SURVEYOR	CERTIFICATI	ONS		
best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com	notes of actual surveys made by me or under my supervision, and that the same is the same is the same is the same is the same interest or unleased mineral interest in the land including the proposed bottom hole actuation or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling greement or a compulsory pooling order heretofore entered by the division. This is 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 ompleted interval will be located or obtained a compulsory pooling form the invision. This 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 laterest in each tract (in the target pool or formation) in which any part of the well's ompleted interval will be located or obtained a compulsory pooling form the invision. The consent of a least one lessee or owner of a working interest or unleased mineral laterest in each tract (in the target pool or formation) in which any part of the well's	I harah	v cartify that	the informat	ion contained her	ain is tru	a and complete to the	I hereby certify th	hat the well location	ı shown on	this plat	was plotted from field
location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Date Adrian Baker Date Adrian baker@exxonmobil.com Lyne Pappas, New MEXICO, PROFESSIONAL SURVEYOR NO. 21209, DI HEREFY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WHICH IT IS BASED WHICH IT IS SURVEY. THAT THIS SURVEY, THAT THE SURVEY, THAT THE SURVEY, THAT THE SURVEY, THAT THE SURVEY THAT THE SURVE	Adrian Baker Date Date Date Date Adrian Baker Date Adrian Baker mail Address adrian.baker@exxonmobil.com Link C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21, TMC. PAPPAS, NEW MEXICO, AND THE GROUND LYON WHICH IT IS BASED WHICH IT IS	best of	my knowledge	and belief,	and that this orgo	anization	either owns a working	notes of actual su	rveys made by me o	or under my		
agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com Were Performed by Me OR UNDER MY Divercity Here of this Survey. That This Survey. That This Survey. That This Survey. That This Survey MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEETS. THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, NO. 121209 21209 21209 21209 21209 21209 Timat I and Responsible Professional Surveyor Signature and Seal of Professional Surveyor Certificate Number Date of Survey TIM C. PAPPAS 21209 TIM C. PAPPAS 21209 10/22/2024	week Performed by the division. 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 invision. The computation of all 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 invision. The computation of the well's invision. The confidence of the well's invision. The computation of the well's invi	locatio	n or has a righ	ht to drill thi	is well at this loca	ition purs	ruant to a contract with	21209, DO HEREBY C	ERTIFY THAT THIS SUR	VEY PLAT ANI) THE	0.040
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 form the division. Signature Date Adrian Baker Date Adrian Baker Email Address adrian.baker@exxonmobil.com MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 22 Oct 2024 21209 21209 Signature and Seal of Professional Land Surveyor Certificate Number Tim C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR Tim C. PAPPAS 21209 Date of Survey TIM C. PAPPAS 21209 10/22/2024	Signature Date Adrian Baker Date Adrian Baker MEKICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEF. 22 Oct 2024 21209 212000 212000 212000 212000 212000 212000 212000 212000							WERE PERFORMED BY THAT I AM RESPONSIE	ME OR UNDER MY DI	RECT SUPERV THAT THIS S	ISION; URVEY	M C. PAPA
Signature Date Adrian Baker Printed Name Adrian Baker Email Address adrian.baker@exxonmobil.com TIM C. PAPPAS REGISTERD PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209 Signature and Seal of Professional Surveyor Certificate Number TIM C. PAPPAS 21209 TIM C. PAPPAS 21209 Date of Survey 10/22/2024	ignature Date Adrian Baker Adrian Baker Mail Address adrian.baker@exxonmobil.com Tim C. PAPPAS PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209 Signature and Seal of Professional Surveyor Certificate Number Tim C. PAPPAS PROFESSIONAL LAND SURVEYOR Signature and Seal of Professional Surveyor Tim C. PAPPAS 21209 Date of Survey 10/22/2024						•	MEXICO, AND THAT IS	TRUE AND CORRECT 1	THE BEST	OF /	AEN MICO
Signature Date Signature and Seal of Professional Surveyor Adrian Baker 10/23/24 Printed Name Adrian Baker Email Address adrian.baker@exxonmobil.com Email Address adrian.baker@exxonmobil.com	ignature Date Adrian Baker Adrian Baker Marian Baker Marian Baker Marian Baker Adrian Baker Marian Baker M	interesi	in each tract	(in the targe	et pool or formati	on) in wh	sich any part of the well's	1 //	1 22 00	11 202	- T	\ 1 1
Signature Adrian Baker 10/23/24 Printed Name Adrian Baker TIM C. PAPPAS 21209 10/22/2024 Email Address adrian.baker@exxonmobil.com Signature and Seal of Professional Surveyor Certificate Number TIM C. PAPPAS 21209 10/22/2024	Signature and Seal of Professional Surveyor Adrian Baker Adrian Baker Adrian Baker TIM C. PAPPAS 21209 Total Of Survey 10/22/2024					• .		REGISTERED PROFESSI	IONAL LAND SURVEYOR O NO. 21209		PROX	is some surviv
Adrian Baker 10/23/24 Printed Name Adrian Baker Email Address adrian.baker@exxonmobil.com Certificate Number TIM C. PAPPAS 21209 10/22/2024	Adrian Baker 10/23/24 rinted Name Adrian Baker TIM C. PAPPAS 21209 adrian.baker@exxonmobil.com Tim C. PAPPAS 21209	Signatur	re		г)ate		Signature and Seel	of Professional Sur	vevor		VNAL
Adrian Baker TIM C. PAPPAS 21209 10/22/2024 adrian.baker@exxonmobil.com	Adrian Baker mail Address adrian.baker@exxonmobil.com TIM C. PAPPAS 21209 10/22/2024	_		Bak			0/23/24	Signature and Seal	of Fioressional Sul	veyor		
Email Address adrian.baker@exxonmobil.com	mail Address adrian.baker@exxonmobil.com	Printed		: D '				Certificate Number	r Date	of Survey		
adrian.baker@exxonmobil.com	adrian.baker@exxonmobil.com					TIM C. PAPPA	S 21209	10/22/2024	1			
Note: No allowabte will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.	Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.	Email A	á					, ,		,		,,
			Note: No al	towable wil	t be assigned to t	this comp	tetion until all interests	nave been consolidate	ea or a non-standar	d unit has l	рееп аррі	oved by the division.



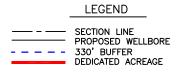
REVISION:

2024090427

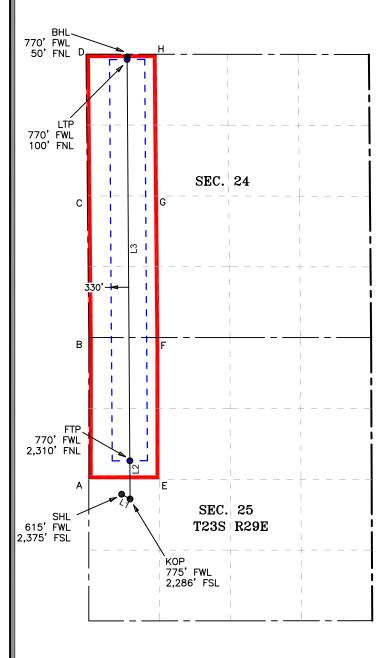
ACREAGE DEDICATION PLATS

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

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



<u>LINE TABLE</u>							
LINE	AZIMUTH	LENGTH					
L1	119 04'30"	182.90'					
L2	359° 36'41"	716.26'					
L3	359' 36'32"	7,573.41					



COORDINATE TABLE							
SH	L (NAD 83 NN	ΛE)	LTP (NAD 83 NME)				
Y =	464,041.2	N	Y =	472,191.8	N		
X =	661,431.8	Е	X =	661,535.6	Е		
LAT. =	32.275126	°N	LAT. =	32.297529	°N		
LONG. =	103.944754	°W	LONG. =	103.944322	°W		
КО	P (NAD 83 NI	ΛE)	В	HL (NAD 83 NM	E)		
Y =	463,952.3	Ν	Y =	472,241.8	N		
X =	661,591.7	Е	X =	661,535.1	Е		
LAT. =	32.274880	°N	LAT. =	32.297667	°N		
LONG. =	103.944238	°W	LONG. =	103.944323	°W		
FT	P (NAD 83 NN	IE)					
Y =	464,668.5	N					
X =	661,586.8	Е					
LAT. =	32.276849	°N					
LONG. =	103.944245	°W					
SH	L (NAD 27 NN	ΛE)	LTP (NAD 27 NME)				
Y =	463,981.3	N	Y =	472,131.7	N		
X =	620,249.0	Е	X =	620,353.1	Е		
LAT. =	32.275002	°N	LAT. =	32.297406	°N		
LONG. =	103.944262	°W	LONG. =	103.943830	°W		
КО	P (NAD 27 NI	ΛE)	BHL (NAD 27 NME)				
Y =	463,892.4	Ν	Y =	472,181.7	N		
X =	620,408.9	Е	X =	620,352.6	Е		
LAT. =	32.274756	°N	LAT. =	32.297543	°N		
LONG. =	103.943746	°W	LONG. =	103.943831	°W		
	FTP (NAD 27 NME)						
Y =	464,608.6	N					
X =	620,404.0	Е					
LAT. =	32.276725	°N					
LONG. =	103.943753	°W					

CORNER COORDINATES (NAD83 NME)							
A - Y =	464,320.4	N	A - X =	660,816.8	Е		
B - Y =	466,978.2	N	B - X =	660,817.0	Е		
C - Y =	469,636.2	N	C - X =	660,790.3	Е		
D - Y =	472,292.9	Ν	D - X =	660,764.6	Е		
E-Y=	464,319.7	N	E - X =	662,143.0	Е		
F-Y=	466,978.8	Ν	F - X =	662,140.6	Е		
G-Y=	469,634.0	N	G-X=	662,115.2	Е		
H-Y=	472,291.0	Ν	H - X =	662,090.3	Е		
CC	RNER COO	RDII	NATES (I	NAD27 NME)			
A - Y =	464,260.5	N	A - X =	619,634.0	Е		
B - Y =	466,918.2	Ν	B - X =	619,634.3	Е		
C - Y =	469,576.2	N	C - X =	619,607.7	Е		
D - Y =	472,232.8	Ν	D - X =	619,582.1	Е		
E-Y=	464,259.8	N	E - X =	620,960.2	Е		
F - Y =	466,918.8	Ν	F - X =	620,957.9	Е		
G-Y=	469,574.0	N	G-X=	620,932.6	Е		
H-Y=	472,230.9	Ν	H - X =	620,907.8	Е		



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net

DATE: 10-22-2024 DRAWN BY: CHECKED BY: СН FIELD CREW: IR PROJECT NO: 2024090427 1" = 2,500' SCALE: SHEET. 2 OF 2 REVISION:

NO

DRILLING PLAN: BLM COMPLIANCE (Supplement to BLM 3160-3)

XTO Energy Inc.

REMUDA NORTH 25 ST - 501H

Projected TD: 16141' MD / 8152' TVD

SHL: 2375' FSL & 615' FWL , Section 25, T23S, R29E

BHL: 50' FNL & 770' FWL , Section 24, T23S, R29E

EDDY County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	180'	Water
Top of Salt	300'	Water
MB 126	1548'	Water
Base of Salt	3052'	Water
Delaware	3278'	Water/Oil/Gas
Brushy Canyon	5716'	Water
Bone Spring	6978'	Water/Oil/Gas
1st Bone Spring Ss	7974'	Water/Oil/Gas
Target/Land Curve	8152'	Water/Oil/Gas

^{***} Hydrocarbons @ Brushy Canyon

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13.375 inch casing @ 275' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9.625 inch casing at 3277' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 7.625 inch casing at 7236' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 16141 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 6736 feet) per Potash regulations.

3. Casing Design

Hole Size	MD	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 275'	13.375	54.5	J-55	втс	New	2.79	9.30	60.65
12.25	0' – 3277'	9.625	40	J-55	ВТС	New	2.20	2.76	4.81
8.75	0' – 3377'	7.625	29.7	RY P-110	Flush Joint	New	4.68	3.39	2.60
8.75	3377' – 7236'	7.625	29.7	HC L-80	Flush Joint	New	3.40	4.43	3.54
6.75	0' – 7136'	5.5	20	RY P-110	Semi-Premium / Freedom	New	1.26	3.32	2.86
6.75	7136' - 16141'	5.5	20	RY P-110	Semi-Flush / Talon	New	1.26	2.91	7.85

[·] XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing

XTO Permian Operating LLC will abide by R-111-Q and monitor separation Distance to offsets and maintain a Separation Factor greater than 1.0 while drilling through the salt intervals. For blind or inclination only wells, XTO Permian Operating LLC will maintain greater than 300 center-to-center separation.

^{***} Groundwater depth 40' (per NM State Engineers Office).

Wellhead:

XTO will use a 4 string Slim Hole Multi-Bowl system.

4. Cement Program

Surface Casing: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 275'

Tail: 280 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Top of Cement: Surface

12-hr = Compressives: 250 psi 24 hr = 500 psi

Due to the high probability of not getting cement to surface during conventional top-out jobs in the area, ~10-20 ppb gravel will be added on the backside of the 1" to get cement to surface, if required.

1st Intermediate Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 3277'

Lead: 1340 sxs Class C (mixed at 12.9 ppg, 1.39 ft3/sx, 10.13 gal/sx water)

Tail: 130 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Top of Cement: Surface

12-hr = 900 psi 24 hr = 1500 psi Compressives:

2nd Intermediate Casing: 7.625, 29.7 New casing to be set at +/- 7236'

1st Stage

Tail: 140 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 5716

12-hr = 900 psi Compressives: 24 hr = 1150 psi

2nd Stage

Tail: 430 sxs Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)

Top of Cement: 2777

Compressives: 900 psi 24 hr = 1150 psi

XTO requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (5716') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to ~500' inside 1st intermediate csg string. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement to surface. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing: 5.5, 20 New Semi-Flush / Talon, RY P-110 casing to be set at +/- 16141'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 6736 feet Tail: 620 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 7443 feet

Compressives: 12-hr = 1375 psi 24 hr = 2285 psi XTO requests the option to offline cement and remediate (if needed) surface and intermediate casing strings where batch drilling is approved and if unplanned remediation is needed. XTO will ensure well is static with no pressure on the csg annulus, as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed when applicable per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence.

5. Pressure Control Equipment

Once the permanent WH is installed on the 13.375 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Triple Ram BOP. MASP should not exceed 2022 psi.

All BOP testing will be done by an independent service company. Operator will test as per BLM CFR43-3172

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per Cactus recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and both intermediate strings are all completed, XTO will begin drilling the production hole on each of the wells.

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. We will request permission to **ONLY** retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad 2. When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW	Viscosit y	Fluid Loss	Comments	
INTERVAL	Hole Size	Muu Type	(ppg)	(sec/qt)	(cc)	Comments	
0' - 275'	17.5	FW/Native	8.5-9	35-40	NC	Fresh water or native water	
275' - 3277'	12.25	Sat Brine	10-10.5	30-32	NC	Fully Saturated salt across salado	
3277' to 7236'	8.75	BDE/OBM or FW/Brine	9-9.5	30-32	NC	N/A	
7236' to 16141'	6.75	ОВМ	9-9.5	50-60	NC - 20	N/A	

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under surface casing with saturated salt brine solution. A saturated salt brine will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 13.375 casing.

8. Logging, Coring and Testing Program

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 150 to 170 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 3815 psi.

10. Anticipated Starting Date and Duration of Operations

Anticipated spud date will be after BLM approval. Move in operations and drilling is expected to take 40 days.



5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-FREEDOM HTQ®

MECHANICAL PROPERTIES	Pipe	USS-FREEDOM HTQ [®]	
Minimum Yield Strength	110,000	_	psi
Maximum Yield Strength	125,000	_	psi
Minimum Tensile Strength	125,000	_	psi
DIMENSIONS	Pipe	USS-FREEDOM HTQ [®]	
Outside Diameter	5.500	6.300	in.
Wall Thickness	0.361		in.
Inside Diameter	4.778	4.778	in.
Standard Drift	4.653	4.653	in.
Alternate Drift			in.
Nominal Linear Weight, T&C	20.00		lb/ft
Plain End Weight	19.83		lb/ft
SECTION AREA	Pipe	USS-FREEDOM HTQ [®]	
Critical Area	5.828	5.828	sq. in.
Joint Efficiency	_	100.0	%
ERFORMANCE	Pipe	USS-FREEDOM HTQ®	
Minimum Collapse Pressure	11,100	11,100	psi
Minimum Internal Yield Pressure	12,640	12,640	psi
Minimum Pipe Body Yield Strength	641,000		lb
Joint Strength		641,000	lb
Compression Rating		641,000	lb
Reference Length [4]		21,370	ft
Maximum Uniaxial Bend Rating [2]		91.7	deg/100 ft
MAKE-UP DATA	Pipe	USS-FREEDOM HTQ [®]	
Make-Up Loss		4.13	in.
Minimum Make-Up Torque [3]		15,000	ft-lb
Maximum Make-Up Torque [3]		21,000	ft-Ib
Maximum Operating Torque[3]		29,500	ft-lb

Notes

- Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate
 any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
- 2. Uniaxial bending rating shown is structural only, and equal to compression efficiency.
- 3. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
- 4. Reference length is calculated by joint strength divided by plain end weight with 1.5 safety factor.

Legal Notice

All material contained in this publication is for general information only. This material should not therefore be used or relied upon for any specific application without independent competent professional examination and verification of accuracy, suitability and applicability. Anyone making use of this material does so at their own risk and assumes any and all liability resulting from such use. U. S. Steel disclaims any and all expressed or implied warranties of fitness for any general or particular application.

U. S. Steel Tubular Products 460 Wildwood Forest Drive, Suite 300S Spring, Texas 77380 1-877-893-9461 connections@uss.com www.usstubular.com



5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-TALON HTQ™ RD

MECHANICAL PROPERTIES	Pipe	USS-TALON HTQ™ RD		[6]
Minimum Yield Strength	110,000	_	psi	_
Maximum Yield Strength	125,000	_	psi	_
Minimum Tensile Strength	125,000	_	psi	-
DIMENSIONS	Pipe	USS-TALON HTQ™ RD		_
Outside Diameter	5.500	5.900	in.	_
Wall Thickness	0.361		in.	_
Inside Diameter	4.778	4.778	in.	_
Standard Drift	4.653	4.653	in.	_
Alternate Drift	_		in.	_
Nominal Linear Weight, T&C	20.00		lb/ft	_
Plain End Weight	19.83		lb/ft	_
SECTION AREA	Pipe	USS-TALON HTQ™ RD		-
Critical Area	5.828	5.828	sq. in.	
Joint Efficiency		100.0	%	[2]
PERFORMANCE	Pipe	USS-TALON HTQ™ RD		-
Minimum Collapse Pressure	11,100	11,100	psi	
Minimum Internal Yield Pressure	12,640	12,640	psi	
Minimum Pipe Body Yield Strength	641,000		lb	
Joint Strength		641,000	lb	
Compression Rating		641,000	lb	
Reference Length		21,370	ft	[5]
Maximum Uniaxial Bend Rating		91.7	deg/100 ft	[3]
MAKE-UP DATA	Pipe	USS-TALON HTQ™ RD		-
Make-Up Loss		5.58	in.	
Minimum Make-Up Torque		17,000	ft-lb	[4]
Maximum Make-Up Torque		20,000	ft-lb	[4]
Maximum Operating Torque		39,500	ft-lb	[4]

Notes

- 1. Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
- 2. Joint efficiencies are calculated by dividing the connection critical area by the pipe body area.
- 3. Uniaxial bend rating shown is structural only.
- 4. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
- 5. Reference length is calculated by Joint Strength divided by Nominal Linear Weight, T&C with a 1.5 Safety factor.
- 6. Coupling must meet minimum mechanical properties of the pipe.

Legal Notice

All material contained in this publication is for general information only. This material should not therefore be used or relied upon for any specific application without independent competent professional examination and verification of accuracy, suitability and applicability. Anyone making use of this material does so at their own risk and assumes any and all liability resulting from such use. U. S. Steel disclaims any and all expressed or implied warranties of fitness for any general or particular application.

U. S. Steel Tubular Products 460 Wildwood Forest Drive, Suite 300S Spring, Texas 77380 1-877-893-9461 connections@uss.com www.usstubular.com



GATES ENGINEERING & SERVICES NORTH AMERICA

7603 Prairle Oak Dr.

Houston, TX. 77086

PHONE: +1 (281) 602-4100

FAX: +1 (281) 602-4147

EMAIL: gesna.quality@gates.com

WEB: www.gates.com/oilandgas

NEW CHOKE HOSE

INSTAUED 02-10-2024

CERTIFICATE OF CONFORMANCE

This is to verify that the items detailed below meet the requirements of the Customer's Purchase Order referenced herein, and are in Conformance with applicable specifications, and that Records of Required Tests are on file and subject to examination. The following items were inspected and hydrostatically tested at **Gates Engineering & Services North America** facilities in Houston, TX, USA.

CU.	STO	M	ER	:

NABORS DRILLING TECHNOLOGIES USA DBA NABORS DRILLING USA

CUSTOMER P.O.#:

15582803 (TAG NABORS PO #15582803 SN 74621 ASSET 66-1531)

CUSTOMER P/N:

IMR RETEST SN 74621 ASSET #66-1531

PART DESCRIPTION:

RETEST OF CUSTOMER 3" X 45 FT 16C CHOKE & KILL HOSE ASSEMBLY C/W 4 1/16" 10K

FLANGES

SALES ORDER #:

529480

QUANTITY:

- 1

SERIAL #:

74621 H3-012524-1

SIGNATURE: 7. CUSTUSE

TITLE: QUALITY ASSURANCE

DATE: 1/25/2024

H3-15/16

1/25/2024 11:48:06 AM



TEST REPORT

CUSTOMER

Company: Nabors Industries Inc.

TEST OBJECT

Serial number: H3-012524-1

Lot number:

Production description: 74621/66-1531

Description:

74621/66-1531

Sales order #: Customer reference: 529480 FG1213

Hose ID:

3" 16C CK

Part number:

TEST INFORMATION

Test procedure: Test pressure: GTS-04-053

15000.00 psi

Fitting 1: Part number: 3.0 x 4-1/16 10K

Test pressure hold:

3600.00

sec

Description:

Work pressure: Work pressure hold: 10000.00

psi sec

Fitting 2:

3.0 x 4-1/16 10K

Length difference: Length difference: 900.00 0.00 0.00

% inch

Part number: Description:

6

Visual check:

Pressure test result: PASS

Length:

45

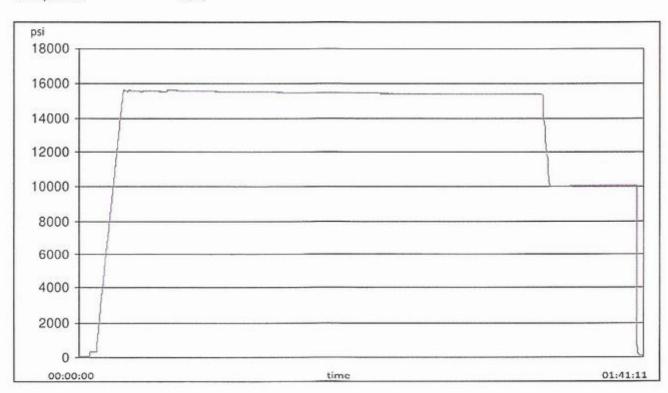
feet

n. . . . 1/2

Length measurement result:

Test operator:

Travis





H3-15/16

1/25/2024 11:48:06 AM

TEST REPORT

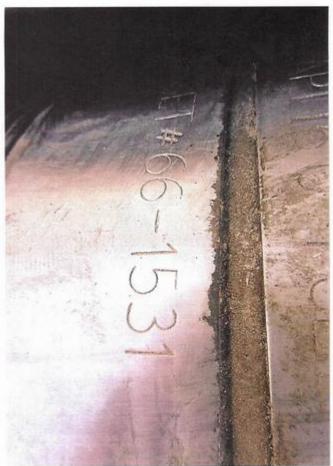
GAUGE TRACEABILITY

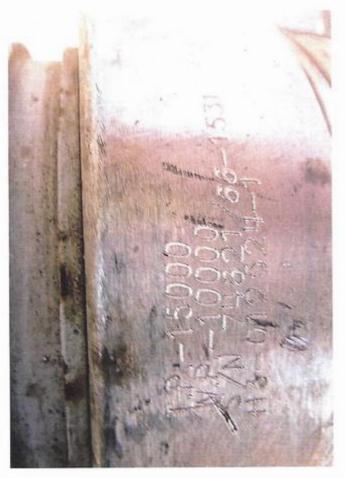
Description	Serial number	Calibration date	Calibration due date
S-25-A-W	110D3PHO	2023-06-06	2024-06-06
S-25-A-W	110IQWDG	2023-05-16	2024-05-16
Comment			



Released to Imaging: 11/7/2024 9:20:00 AM









Released to Imaging: 11/7/2024 9:20:00 AM

XTO respectfully requests approval to utilize a spudder rig to pre-set surface casing.

Description of Operations:

- 1. Spudder rig will move in to drill the surface hole and pre-set surface casing on the well.
 - After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
 - b. The spudder rig will utilize fresh water-based mud to drill the surface hole to TD. Solids control will be handled entirely on a closed loop basis. No earth pits will be used.
- 2. The wellhead will be installed and tested as soon as the surface casing is cut off and WOC time has been reached.
- 3. A blind flange at the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with needle valves installed on two wing valves.
 - a. A means for intervention will be maintained while the drilling rig is not over the well.
- 4. Spudder rig operations are expected to take 2-3 days per well on the pad.
- 5. The BLM will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 6. Drilling Operations will begin with a larger rig and a BOP stack equal to or greater than the pressure rating that was permitted will be nippled up and tested on the wellhead before drilling operations resume on each well.
 - a. The larger rig will move back onto the location within 90 days from the point at which the wells are secured and the spudder rig is moved off location.
 - b. The BLM will be notified 24 hours before the larger rig moves back on the pre-set locations
- 7. XTO will have supervision on the rig to ensure compliance with all BLM and NMOCD regulations and to oversee operations.
- 8. Once the rig is removed, XTO will secure the wellhead area by placing a guard rail around the cellar area.

XTO Permian Operating, LLC Offline Cementing Variance Request

XTO requests the option to cement the surface and intermediate casing strings offline as a prudent batch drilling efficiency of acreage development.

1. Cement Program

No changes to the cement program will take place for offline cementing.

2. Offline Cementing Procedure

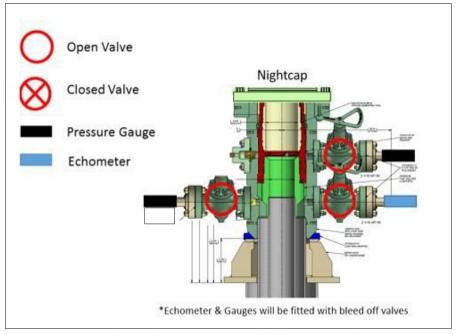
The operational sequence will be as follows. If a well control event occurs, the BLM will be contacted for approval prior to conducting offline cementing operations.

- 1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe)
- 2. Land casing with mandrel
- 3. Fill pipe with kill weight fluid, do not circulate through floats and confirm well is static
- 4. Set annular packoff shown below and pressure test to confirm integrity of the seal. Pressure ratings of wellhead components and valves is 5,000 psi.
- 5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange.
 - a. If any barrier fails to test, the BOP stack will not be nippled down until after the cement job is completed with cement 500ft above the highest formation capable of flow with kill weight mud above or after it has achieved 50-psi compressive strength if kill weight fluid cannot be verified.



Annular packoff with both external and internal seals

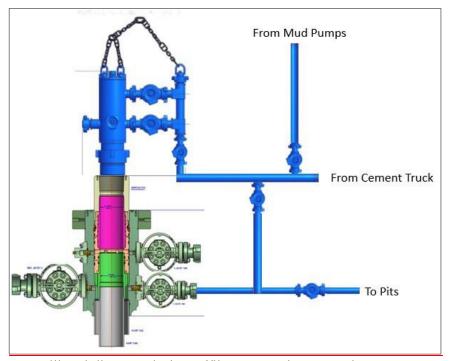
XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during skidding operations

- 6. Skid rig to next well on pad.
- 7. Confirm well is static before removing cap flange, flange will not be removed and offline cementing operations will not commence until well is under control. If well is not static, casing outlet valves will provide access to both the casing ID and annulus. Rig or third party pump truck will kill well prior to cementing or nippling up for further remediation.
 - a. Well Control Plan
 - i. The Drillers Method will be the primary well control method to regain control of the wellbore prior to cementing, if wellbore conditions do not permit the drillers method other methods of well control may be used
 - ii. Rig pumps or a 3rd party pump will be tied into the upper casing valve to pump down the casing ID
 - iii. A high pressure return line will be rigged up to lower casing valve and run to choke manifold to control annular pressure
 - iv. Once influx is circulated out of the hole, kill weight mud will be circulated
 - v. Well will be confirmed static
 - vi. Once confirmed static, cap flange will be removed to allow for offline cementing operations to commence
- 8. Install offline cement tool
- 9. Rig up cement equipment

XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during offline cementing operations

- 10. Circulate bottoms up with cement truck
 - a. If gas is present on bottoms up, well will be shut in and returns rerouted through gas buster to handle entrained gas
 - b. Max anticipated time before circulating with cement truck is 6 hrs
- 11. Perform cement job taking returns from the annulus wellhead valve
- 12. Confirm well is static and floats are holding after cement job
- 13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for monitoring.

<u>Subject:</u> Request for a Variance Allowing break Testing of the Blowout Preventer Equipment (BOPE)

XTO Energy requests a variance to ONLY test broken pressure seals on the BOPE and function test BOP when skidding a drilling rig between multiple wells on a pad.

Background

Onshore Oil and Gas Order CFR Title 43 Part 3170, Drilling Operations, Sections III.A.2.i.iv.B states that the BOP test must be performed whenever any seal subject to test pressure is broken. The current interpretation of the Bureau of Land Management (BLM) requires a complete BOP test and not just a test of the affected component. CFR Title 43 Part 3170 states, "Some situation may exist either on a well-by-well basis or field-wide basis whereby it is commonly accepted practice to vary a particular minimum standard(s) established in this order. This situation can be resolved by requesting a variance...". XTO Energy feels the break testing the BOPE is such a situation. Therefore, as per CFR Title 43 Part 3170, XTO Energy submits this request for the variance.

Supporting Documentation

CFR Title 43 Part 3170 became effective on December 19, 1988 and has remained the standard for regulating BLM onshore drilling operations for over 30 years. During this time there have been significant changes in drilling technology. BLM continues to use the variance request process to allow for the use of modern technology and acceptable engineering practices that have arisen since CFR Title 43 Part 3170 was originally released. The XTO Energy drilling rig fleet has many modern upgrades that allow the intact BOP stack to be moved between well slots on a multi-well pad, as well as, wellhead designs that incorporate quick connects facilitating release of the BOP from the wellhead without breaking any BOP stack components apart. These technologies have been used extensively offshore, and other regulators, API, and many operators around the world have endorsed break testing as safe and reliable.



Figure 1: Winch System attached to BOP Stack



Figure 2: BOP Winch System

American Petroleum Institute (API) standards, specification and recommended practices are considered the industry standard and are consistently utilized and referenced by the industry. CFR Title 43 Part 3170recognizes API recommended Practices (RP) 53 in its original development. API Standard 53, *Well Control Equipment Systems for Drilling Wells* (Fifth Edition, December 2018, Annex C, Table C.4) recognizes break testing as an acceptable practice. Specifically, API Standard 53, Section 5.3.7.1 states "A pressure test of the pressure containing component shall be performed following the disconnection or repair, limited to the affected component." See Table C.4 below for reference.

lac	l C.4—Initial Pressure 16	esting, Surface BOP Stacks	-High Pressure ^{ac}	
Component to be Pressure Tested	Pressure Test—Low Pressure ^{ac} psig (MPa)	Change Out of Component, Elastomer, or Ring Gasket	No Change Out of Component, Elastomer or Ring Gasket	
Annular preventerb	250 to 350 (1.72 to 2.41)	RWP of annular preventer	MASP or 70% annular RWP, whichever is lower.	
Fixed pipe, variable bore, blind, and BSR preventers ^{bd}	250 to 350 (1.72 to 2.41)	RWP of ram preventer or wellhead system, whichever is lower	ITP	
Choke and kill line and BOP side outlet valves below ram preventers (both sides)	250 to 350 (1.72 to 2.41)	RWP of side outlet valve or wellhead system, whichever is lower	ITP	
Choke manifold—upstream of chokes ^e	250 to 350 (1.72 to 2.41)	RWP of ram preventers or wellhead system, whichever is lower	ITP	
Choke manifold—downstream of chokese	250 to 350 (1.72 to 2.41)	RWP of valve(s), line(s), or M whichever is lower	MASP for the well program,	
Kelly, kelly valves, drill pipe safety valves, IBOPs	250 to 350 (1.72 to 2.41)	MASP for the well program		
Annular(s) and VBR(s) shall be pre For pad drilling operations, moving	during the evaluation period. The passure tested on the largest and sm	oressure shall not decrease below the allest OD drill pipe to be used in well n the 21 days, pressure testing is req	program.	

The Bureau of Safety and Environmental Enforcement (BSEE), Department of Interior, has also utilized the API standards, specification and best practices in the development of its offshore oil and gas regulations and incorporates them by reference within its regulations.

Break testing has been approved by the BLM in the past with other operators based on the detailed information provided in this document.

XTO Energy feels break testing and our current procedures meet the intent of CFR Title 43 Part 317 Oand often exceed it. There has been no evidence that break testing results in more components failing than seen on full BOP tests. XTO Energy's internal standards requires complete BOPE tests more often than that of CFR Title 43 Part 3170 (Every 21 days). In addition to function testing the annular, pipe rams and blind rams after

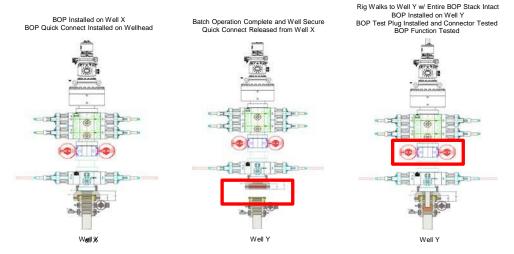
each BOP nipple up, XTO Energy performs a choke drill with the rig crew prior to drilling out every casing shoe. This is additional training for the rig crew that exceeds the requirements of the CFR Title 43 Part 3170.

Procedures

- XTO Energy will use this document for our break testing plan for New Mexico Delaware basin.
 The summary below will be referenced in the APD or Sundry Notice and receive approval prior
 to implementing this variance.
- 2. XTO Energy will perform BOP break testing on multi-wells pads where multiple intermediate sections can be drilled and cased within the 21-day BOP test window.
 - a. A full BOP test will be conducted on the first well on the pad.
 - b. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
 - i. Our Lower WC targets set the intermediate casing shoe no deeper than the Wolfcamp B.
 - ii. Our Upper WC targets set the intermediate casing shoe shallower than the Wolfcamp B.
 - c. A Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
 - d. A full BOP test will be required prior to drilling any production hole.
- 3. After performing a complete BOP test on the first well, the intermediate hole section will be drilled and cased, two breaks would be made on the BOP equipment.
 - a. Between the HCV valve and choke line connection
 - b. Between the BOP quick connect and the wellhead
- 4. The BOP is then lifted and removed from the wellhead by a hydraulic system.
- 5. After skidding to the next well, the BOP is moved to the wellhead by the same hydraulic system and installed.
- 6. The connections mentioned in 3a and 3b will then be reconnected.
- 7. Install test plug into the wellhead using test joint or drill pipe.
- 8. A shell test is performed against the upper pipe rams testing the two breaks.
- 9. The shell test will consist of a 250 psi low test and a high test to the value submitted in the APD or Sundry (e.g. 5,000 psi or 10,000psi).
- 10. Function test will be performed on the following components: lower pipe rams, blind rams, and annular.

- 11. For a multi-well pad the same two breaks on the BOP would be made and on the next wells and steps 4 through 10 would be repeated.
- 12. A second break test would only be done if the intermediate hole section being drilled could not be completed within the 21 day BOP test window.

Note: Picture below highlights BOP components that will be tested during batch operations



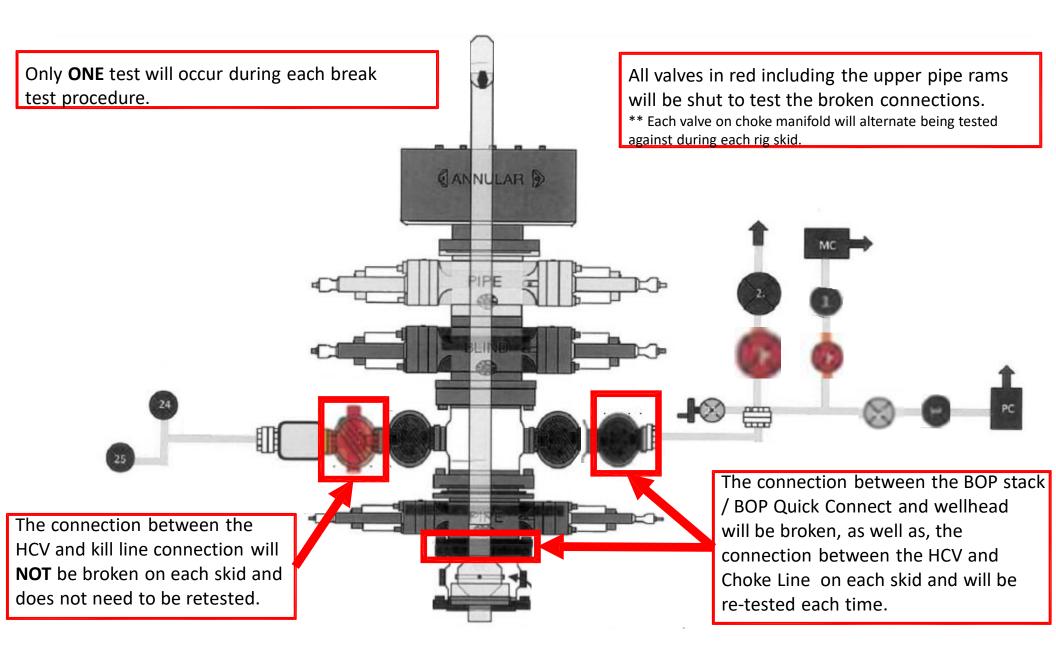
Summary

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API Standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

The BOP will be secured by a hydraulic carrier or cradle. The BLM will be contacted if a Well Control event occurs prior to the commencement of a BOPE Break Testing operation.

Based on discussions with the BLM on February 27th 2020 and the supporting documentation submitted to the BLM, we will request permission to ONLY retest broken pressure seals if the following conditions are met:

- 1. After a full BOP test is conducted on the first well on the pad.
- 2. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
- 3. Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
- 4. Full BOP test will be required prior to drilling the production hole.



Semi-major Semi-minor Semi-minor Tool

Well Plan Report - Remuda North 25 ST 501H

	∢	Remuda North 25 ST 501H							
Well Plan Report	Site:	Slot:							
ST 501H									
Remuda North 25	16141.18 ft	8152.00 ft	New Mexico East - NAD 27	463981.30 ft	620249.00 ft	3098.00 ft	472181.70 ft	Grid	0.21 Deg
10/4/24, 12:07 PM seport - Remuda North 25	Measured Depth:	TVD RKB: Location	Cartographic Reference System:	Northing:	Easting:	RKB:	Ground Level:	North Reference:	Convergence Angle:
Released to	Imaging	g: 11/7/	2024 9.	:20:(00 A	M			

Azimuth (Deg) 0.00 0.00 119.08 119.08 0.00	Azimuth (Deg) 0.00	Y Offset (ft) 0.00	X Offset	Build	Ė	
Inclination Azimuth (Deg) (Deg) 0.00 0.00 4.61 119.08 4.61 119.08 0.00 0.00 0.00 0.00	Azimuth (Deg) 0.00 0.00	Y Offset (ft) 0.00	X Offset			Dogleg
(Deg) (Deg) 0.00 0.00 0.00 0.00 4.61 119.08 4.61 119.08 0.00 0.00 0.00 0.00 0.00 350.61	(Deg) 0.00 0.00	(#) 0.00 0.00		Rate	Rate	Rate
0.00 0.00 0.00 0.00 4.61 119.08 4.61 119.08 0.00 0.00	0.00	0.00	(£)	(Deg/100ft)	(Deg/100ft)	(Deg/100ft) Target
0.00 0.00 4.61 119.08 4.61 119.08 0.00 0.00	00.00	00.00	0.00	0.00	0.00	0.00
4.61 119.08 4.61 119.08 0.00 0.00 0.00 0.00 0.00 350.61			00'0	0.00	0.00	0.00
4.61 119.08 0.00 0.00 0.00 0.00 0.00 350.61	119.08	-4.50	8.09	2.00	0.00	2.00
0.00 0.00 0.00	119.08	-84.38	151.75	0.00	0.00	0.00
0.00 0.00	00:00	-88.88	159.85	-2.00	0.00	2.00
90.00	0.00	-88.88	159.85	0.00	0.00	0.00
0.00	90.00 359.61 8152.00	627.30	155.00	8.00	0.00	8.00 FTP 1
16091,18 90.00 359.61 8152.00	359.61	8150.40	104.10	0.00	0.00	0.00 LTP 1
16141.18 90.00 359.61 8152.00	359.61	8200.40	103.76	00.00	0.00	0.00 BHL 1

Magnitude	
Vertical	
Lateral	
TVD Highside	
Measured	

Remuda North 25 ST 501H

Position Uncertainty

file:///C:/Users/arsriva/Landmark/DecisionSpace/WellPlanning/Reports/RemudaNorth25ST501H.HTML

	Azimuth Used	(,)	0.000 MWD+IFR1+MS	112.264 MWD+IFR1+MS	122.711 MWD+IFR1+MS	125.469 MWD+IFR1+MS	126.713 MWD+IFR1+MS	127.419 MWD+IFR1+MS	127.873 MWD+IFR1+MS	128.190 MWD+IFR1+MS	128.423 MWD+IFR1+MS	128.602 MWD+IFR1+MS	128.744 MWD+IFR1+MS	128.859 MWD+IFR1+MS	128.954 MWD+IFR1+MS	129.034 MWD+IFR1+MS	129.102 MWD+IFR1+MS	129.161 MWD+IFR1+MS	129.212 MWD+IFR1+MS	129.257 MWD+IFR1+MS	129.297 MWD+IFR1+MS	129.333 MWD+IFR1+MS	129.365 MWD+IFR1+MS	129.394 MWD+IFR1+MS	129.420 MWD+IFR1+MS	129.444 MWD+IFR1+MS	129.466 MWD+IFR1+MS	129.486 MWD+IFR1+MS	129.505 MWD+IFR1+MS	129.522 MWD+IFR1+MS	129.538 MWD+IFR1+MS	129.552 MWD+IFR1+MS	129.566 MWD+IFR1+MS
	Error	(#)	0.000	0.220	0.627	0.986	1.344	1.701	2.059	2.417	2.775	3.133	3,491	3.849	4.207	4.565	4.924	5.282	5.640	5.999	6.357	6.715	7.074	7.432	7.791	8.149	8.507	998'8	9.224	9.583	9.941	10.299	10.658
	Error	(#)	0.000	0.751	1.259	1.698	2.108	2.503	2.888	3.267	3.642	4.014	4.384	4.752	5.119	5.484	5.849	6.213	6.577	6.939	7.302	7.664	8.026	8.387	8.748	9.109	9.470	9.831	10.191	10.552	10.912	11.272	11.632
oort	of Bias	(#)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	0.000	000'0	0.000	0.000	0.000	0.000	0.000	000'0	0.000	0.000	0.000	0.000	0.000
Well Plan Report	Error Bias	(ff) (ff)	0.000 0.000	2.300 0.000	2.309 0.000	2.325 0.000	2.346 0.000	2.372 0.000	2.404 0.000	2 440 0 000	2.481 0.000	2.526 0.000	2.575 0.000	2.628 0.000	2.683 0.000	2.742 0.000	2.804 0.000	2.869 0.000	2.936 0.000	3.005 0.000	3.077 0.000	3.150 0.000	3.226 0.000	3.303 0.000	3.382 0.000	3.462 0.000	3.545 0.000	3.629 0.000	3.714 0.000	3.801 0.000	3.889 0.000	3.979 0.000	4.070 0.000
	Bias	(#)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Error	(#)	0.000	0.350	0.861	1.271	1 658	2.034	2.405	2.773	3.138	3.502	3 865	4.228	4.589	4 950	5.311	5.672	6.032	6.392	6.752	7.112	7 471	7 831	8 190	8.550	8.909	9.268	9.627	986 6	10.345	10.705	11.063
	. Bias	(#t)	0.000	0.000	00000	0.000	0.000	0.000	0.000	0.000	0.000	000.0	000.0	000.0	000.0	0.000	0.000	0.000	0.000	000.0	000.0	000.0	00000	000.0	00000	0.000	000.0	000.0	0.000	000.0	0.000	00000	0.000
	Error	(#)	0.000	0.700	1.112	1.497	1.871	2.240	2.607	2.971	3.334	3.696	4.058	4.419	4.779	5.140	5.500	5.860	6.219	6.579	6.938	7.298	7.657	8.016	8 375	8.734	9.093	9.452	9.811	10.170	10.529	10.888	11.247
	RKB	(#)	0.000	100.000	200.000	300.000	400.000	200.000	000.009	700.000	800.000	000.006	1000.000	1100.000	1200.000	1300.000	1400.000	1500.000	1600.000	1700.000	1800.000	1900.000	2000.000	2100.000	2200.000	2300.000	2400.000	2500.000	2600.000	2700.000	2800.000	2900.000	3000.000
	Azimuth	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Inclination	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/4/24, 12:07 PM	Depth	(#)	0.000	100.000	200.000	300.000	400.000	200.000	000.009	700.000	800.000	000 006	1000.000	1100.000	1200.000	1300.000	1400.000	1500.000	1600.000	1700.000	1800.000	1900.000	2000.000	2100.000	2200.000	2300.000	2400.000	2500.000	2600.000	2700.000	2800.000	2900.000	3000.000
	eleas	ed to	o Im	agii	ng:	11/7	7/202	24 9.	:20:	00 A	1 <i>M</i>																						

	129.579 MWD+IFR1+MS	130,536 MWD+IFR1+MS	129.082 MWD+IFR1+MS	128.910 MWD+IFR1+MS	128.412 MWD+IFR1+MS	127.080 MWD+IFR1+MS	125.371 MWD+IFR1+MS	123.663 MWD+IFR1+MS	121.969 MWD+IFR1+MS	120.305 MWD+IFR1+MS	118.681 MWD+IFR1+MS	117.108 MWD+IFR1+MS	115.596 MWD+IFR1+MS	114.151 MWD+IFR1+MS	112.777 MWD+IFR1+MS	111.476 MWD+IFR1+MS	110.251 MWD+IFR1+MS	109.099 MWD+IFR1+MS	108.020 MWD+IFR1+MS	107.012 MWD+IFR1+MS	106.070 MWD+IFR1+MS	105.193 MWD+IFR1+MS	104.376 MWD+IFR1+MS	103.616 MWD+IFR1+MS	103.318 MWD+IFR1+MS	103.320 MWD+IFR1+MS	100.789 MWD+IFR1+MS	103.059 MWD+IFR1+MS	103.818 MWD+IFR1+MS	104,450 MWD+IFR1+MS	105.108 MWD+IFR1+MS	105.736 MWD+IFR1+MS	106.336 MWD+IFR1+MS
	11.016	11.428	12.001	12.109	12.342	12.681	13.025	13.369	13.713	14.057	14.401	14.745	15.090	15.434	15.778	16.123	16.468	16.813	17.159	17.505	17.851	18.198	18.545	18.893	19.158	19.238	19.622	20.024	20.344	20.693	21.043	21.392	21.742
	11.992	12.315	12.625	12.719	12.938	13.259	13.587	13.917	14.250	14.585	14.923	15.263	15.604	15.947	16.292	16.639	16.986	17.335	17.685	18.036	18.387	18.740	19.093	19.447	19.714	19.793	20.148	20.523	20.894	21.245	21.598	21.951	22.305
oort	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	0.000	0.000	0.000	0.000	0.000
Well Plan Report	4.163 0.000	4.257 0.000	4.353 0.000	4.380 0.000	4.448 0.000	4.547 0.000	4.647 0.000	4.750 0.000	4.854 0.000	4.959 0.000	5.067 0.000	5.176 0.000	5.286 0.000	5.399 0.000	5.513 0.000	5.630 0.000	5.748 0.000	5.868 0.000	5.990 0.000	6.114 0.000	6.239 0.000	000.0 298.9	6.497 0.000	6.629 0.000	6.732 0.000	6.763 0.000	000.0 006.9	7.047 0.000	7.176 0.000	7.316 0.000	7.458 0.000	7.603 0.000	7.750 0.000
	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	000'0	0.000	0000	0.000	0.000	0.000
	11.422	12.282	12.607	12.702	12.922	13.248	13.580	13.913	14.248	14.585	14.923	15 262	15.602	15.944	16.286	16.630	16.974	17.320	17.666	18.013	18.361	18.709	19.058	19.408	19.674	19.753	20.096	20.050	20.376	20.728	21.081	21.434	21.787
	00000	00000 6	0.000	0.000	00000	0.000	3 0.000	0.000	0.000	0.000	0.000	0.000	00000	00000	0.000	0.000	0.000	0.000	0.000	3 0.000	0.000	00000	00000	0.000	00000	0.000	0.000	3 0.000	3 0.000	0.000	0.000	0.000	0.000
	11.606	11 459	11.997	12.095	12.327	12.662	13.003	13.345	13.687	14.031	14.376	14 722	15.069	15.416	15.764	16.112	16.462	16.812	17.162	17.513	17.864	18.216	18 569	18.921	19 189	19.276	19.684	20.498	20.863	21.211	21.561	21.911	22.261
	3100.000	3199 980	3299.838	3330.121	3399 527	3499.204	3598.881	3698.557	3798.234	3897.911	3997.588	4097 265	4196.942	4296.618	4396.295	4495.972	4595.649	4695.326	4795.003	4894.680	4994.356	5094.033	5193 710	5293 387	5369 879	5393.071	5492.916	2600.000	5692 891	5792.891	5892.891	5992.891	6092.891
	0.000	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	119.076	000'0	0.000	0000	0.000	0.000	0.000
	0.000	2.000	4.000	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.607	4.142	2.142	000'0	0.000	000'0	0.000	0.000	0.000
10/4/24, 12:07 PM	3100.000	3200.000	3300.000	3330.369	3400.000	3500.000	3600.000	3700.000	3800.000	3900.000	4000.000	4100.000	4200.000	4300.000	4400.000	4500.000	4600.000	4700.000	4800.000	4900.000	5000.000	5100.000	5200.000	5300.000	5376.740	5400.000	5500.000	5607.109	5700.000	5800.000	2900.000	000'0009	6100.000
	leas	ed to	o In	agi	ng:	11/7	7/202	24 9	:20:	00 A	(M																						

file:///C:/Users/arsriva/Landmark/DecisionSpace/WellPlanning/Reports/RemudaNorth25ST501H.HTML

	106.910 MWD+IFR1+MS	107.457 MWD+IFR1+MS	107.981 MWD+IFR1+MS	108.481 MWD+IFR1+MS	108.959 MWD+IFR1+MS	109.417 MWD+IFR1+MS	109.856 MWD+IFR1+MS	110.275 MWD+IFR1+MS	110.677 MWD+IFR1+MS	111.063 MWD+IFR1+MS	111.433 MWD+IFR1+MS	111.788 MWD+IFR1+MS	112.128 MWD+IFR1+MS	112.121 MWD+IFR1+MS	110.950 MWD+IFR1+MS	100.455 MWD+IFR1+MS	97.118 MWD+IFR1+MS	96.147 MWD+IFR1+MS	95.790 MWD+IFR1+MS	95.699 MWD+IFR1+MS	95.756 MWD+IFR1+MS	95.910 MWD+IFR1+MS	96.126 MWD+IFR1+MS	96.371 MWD+IFR1+MS	96.599 MWD+IFR1+MS	96.699 MWD+IFR1+MS	96.739 MWD+IFR1+MS	96.896 MWD+IFR1+MS	97.095 MWD+IFR1+MS	97.338 MWD+IFR1+MS	97.633 MWD+IFR1+MS	97.992 MWD+IFR1+MS	98.429 MWD+IFR1+MS
	22.091	22.441	22.791	23.142	23.492	23.843	24.194	24.544	24.895	25.247	25.598	25.950	26.301	26.451	26 653	27 028	27.364	27.675	27.964	28.233	28.482	28.712	28.923	29.116	29.292	29.399	29.447	29.620	29.821	30.046	30.294	30.564	30.857
	22.659	23.013	23.367	23.721	24.076	24.431	24.786	25.141	25.496	25.852	26.207	26.563	26.919	27.068	27.308	28.537	30.191	31.619	32.808	33.754	34.468	34.967	35.280	35.445	35.506	35.516	35.518	35,524	35.531	35,539	35.549	35.559	35.571
port	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Well Plan Report	7.900 0.000	8.052 0.000	8.206 0.000	8.363 0.000	8.522 0.000	8.683 0.000	8.848 0.000	9.014 0.000	9.184 0.000	9.355 0.000	9.530 0.000	9.707 0.000	9.887 0.000	9.964 0.000	10.068 0.000	10.316 0.000	10.808 0.000	11.614 0.000	12.763 0.000	14.226 0.000	15.939 0.000	17.825 0.000	19.808 0.000	21.819 0.000	23.796 0.000	24.473 0.000	24.544 0.000	24.712 0.000	24.907 0.000	25.126 0.000	25.367 0.000	25.630 0.000	25.914 0.000
	0.000	000.0	0.000	0.000	000.0	0.000	0.000	0.000	0.000	0.000	0.000	000.0	000.0	0.000	000.0	0.000	0.000	0.000	0.000	000.0	0.000	000.0	0000	0.000	000.0	0.000	0.000	000'0	0.000	000.0	0.000	0.000	0.000
	22.140	22.493	22.847	23.201	23.554	23.908	24.263	24.617	24.971	25.326	25.680	26.035	26.390	26.540	26.741	27.083	27.415	27.729	28.025	28.301	28.558	28.795	29 013	29.213	29.394	29.501	29.549	29.724	29.927	30.154	30.405	30.679	30.976
	0.000	000.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000.0	000.0	0.000	000.0	0.000	0.000	0.000	0.000	000.0	0.000	0.000	0000	0.000	000.0	0.000	0.000	0.000	0.000	000.0	0.000	0.000	0.000
	22.611	22 962	23.313	23.664	24 015	24 367	24 718	25.070	25.422	25.775	26.127	26 480	26.832	26.981	27 126	27 908	28.787	29 185	29.154	28 760	28.091	27.257	26.390	25 644	25 176	24.473	24 544	24.712	24.907	25 126	25.367	25 630	25.914
	6192.891	6292 891	6392.891	6492.891	6592.891	6692.891	6792.891	6892.891	6992.891	7092.891	7192.891	7292.891	7392.891	7435.803	7492.830	7591 634	7687.405	7778.279	7862.487	7938 389	8004.510	8059.561	8102.472	8132.407	8148.783	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4 567	12.567	20.567	28.567	36.567	44.567	52.567	60.567	68.567	76.567	84 567	90.000	000.06	000'06	90.000	000.06	90.000	90.000	90.000
10/4/24, 12:07 PM	6200.000	6300,000	6400.000	000.0059	000.0099	6700.000	000.0089	000.0069	7000.000	7100.000	7200.000	7300.000	7400.000	7442.912	7500.000	7600.000	7700.000	7800.000	7900.000	8000,000	8100.000	8200.000	8300.000	8400.000	8500,000	8567.912	8600.000	8700.000	8800.000	8900,000	9000.0006	9100.000	9200.000
	leas	ed to	o Im	agi	ng:	11/7	//202	24 9	:20:	00 A	(M																						

file:///C:/Users/arsriva/Landmark/DecisionSpace/WellPlanning/Reports/RemudaNorth25ST501H.HTML

file:///C:/Users/arsriva/Landmark/DecisionSpace/WellPlanning/Reports/RemudaNorth25ST501H.HTMI

	MWD+IFR1+MS																																
	-2.333 MWD+I	-2.218 MWD+I	-2.112 MWD+I	-2.015 MWD+I	-1.927 MWD+I	-1.845 MWD+I	-1.769 MWD+I	-1.700 MWD+I	-1.635 MWD+I	-1.575 MWD+I	-1.519 MWD+I	-1.467 MWD+I	-1.418 MWD+I	-1.373 MWD+I	-1.330 MWD+	-1.290 MWD+I	-1.252 MWD+I	-1.217 MWD+	-1.183 MWD+	-1.152 MWD+I	-1.122 MWD+	-1.094 MWD+I	-1.067 MWD+I	-1.042 MWD+I	-1.018 MWD+I	-0.995 MWD+I	-0.973 MWD+I	-0.953 MWD+I	-0.933 MWD+I	-0.914 MWD+I	-0.897 MWD+I	-0.880 MWD+I	-0.863 MWD+I
	35.998	36.025	36.051	36.078	36.106	36.134	36.162	36.191	36.220	36.249	36.279	36.310	36.341	36.372	36.404	36.436	36.469	36.502	36.536	36.570	36.604	36.639	36.675	36.711	36.747	36.784	36.821	36.859	36.897	36.936	36.975	37.014	37.054
	50.058	50.777	51.501	52.229	52.963	53.701	54.443	55.190	55.940	56.694	57.452	58.213	58.978	59.745	60.516	61.290	62.067	62.846	63.628	64.413	65.200	65.990	66.782	67.576	68.372	69.170	026.69	70,772	71.576	72.382	73.189	73.998	74.809
port	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Well Plan Report	43.613 0.000	44.270 0.000	44.931 0.000	45.596 0.000	46.265 0.000	46.937 0.000	47.613 0.000	48.292 0.000	48.975 0.000	49.660 0.000	50.349 0.000	51.040 0.000	51.733 0.000	52.430 0.000	53.128 0.000	53.830 0.000	54.533 0.000	55.239 0.000	55.946 0.000	56.656 0.000	57.368 0.000	58.081 0.000	58.797 0.000	59.514 0.000	60.233 0.000	60.953 0.000	61.675 0.000	62.399 0.000	63.124 0.000	63.850 0.000	64.578 0.000	65.307 0.000	66.038 0.000
	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	50.044	50.764	51.489	52.218	52.953	53.691	54.434	55.181	55.932	56.687	57.445	58.207	58.972	59.740	60.511	61.285	62.062	62.842	63.624	64.409	65.197	65.986	86.778	67.572	68.369	69.167	296.69	70.770	71.574	72.379	73.187	73.996	74.807
	0.000	000.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	000.0	000.0	0000
	43.613	44.270	44.931	45.596	46.265	46.937	47.613	48.292	48.975	49.660	50.349	51.040	51,733	52.430	53.128	53.830	54.533	55.239	55.946	56.656	57.368	58.081	58.797	59.514	60.233	60.953	61.675	62.399	63.124	63,850	64.578	65.307	66.038
	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152.000	8152,000	8152.000	8152.000	8152.000	8152.000	8152.000
	359.612	359 612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359,612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359.612	359,612	359.612	359.612	359.612
	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	000'06	000'06	000'06	000'06	90.000	90.000	90.000	90.000	000'06	90.000	000'06	000'06	90.000	000'06	90.000	90.000	000'06	90.000	000'06	90.000	90.000	90.000
10/4/24, 12:07 PM	12600.000	12700.000	12800.000	12900.000	13000.000	13100.000	13200.000	13300.000	13400.000	13500.000	13600.000	13700.000	13800.000	13900.000	14000.000	14100.000	14200.000	14300.000	14400.000	14500,000	14600.000	14700.000	14800.000	14900.000	15000.000	15100.000	15200.000	15300,000	15400.000	15500,000	15600.000	15700.000	15800.000
	leas	ed to	o In	agi	ng:	11/7	7/202	24 9	:20:	00 A	1 <i>M</i>																						

5054.00 CIRCLE

620352.60

472181.70

16141.34

BHL 1

3/4/24, 12:07 PM								>	Well Plan Report	Į,			
15900.000	90.000	359.612	359.612 8152.000	000.0 697.99	0.000	75.619	0.000	000.0 692.99	0.000	0.000	75.621	37.095	-0.848 MWD+IFR1+MS
16000.000	90.000	359.612	8152.000	67.502	0.000	76.433	0.000	67.502	0.000	0.000	76.435	37.135	-0.833 MWD+IFR1+MS
16091.184	90.000	359 612	8152.000	68.171	0.000	77 176	0.000	68.171	0.000	0.000	77 178	37.173	-0.820 MWD+IFR1+MS
16100.000	90.000	359.612	8152.000	68.235	0.000	77.248	0.000	68.235	0.000	0.000	77.249	37.177	-0.819 MWD+IFR1+MS
16141.183	90.000	359.612	359.612 8152.000	68.537	0.000	77.582	0.000	68.537	0.000	0.000	77.584	37.194	-0.813 MWD+IFR1+MS
Plan Targets		ш	Remuda North 25 ST 501H	h 25 ST 50	Ŧ.								
			Me	Measured Depth	epth		Grid	Grid Northing	5 1	Grid Easting	sting	TVD MSL	TVD MSL Target Shape
Target Name					(£)			(#J)	CI.		(#)	(ft)	
FTP 1				856	8567.89		•	464608.60	0	6204	620404.00	5054.00 CIRCLE	CIRCLE
LTP 1				1609	16091.18		7	472131.70	0	6203	620353.10	5054.00 CIRCLE	CIRCLE



HYDROGEN SULFIDE (H2S) CONTINGENCY PLAN

Assumed 100 ppm ROE = 3000'

100 ppm H2S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H₂S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H₂S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
 - o Detection of H₂S, and
 - o Measures for protection against the gas,
 - o Equipment used for protection and emergency response.

Ignition of Gas source

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 this is an ignition of the gas.

Characteristics of H₂S and SO₂

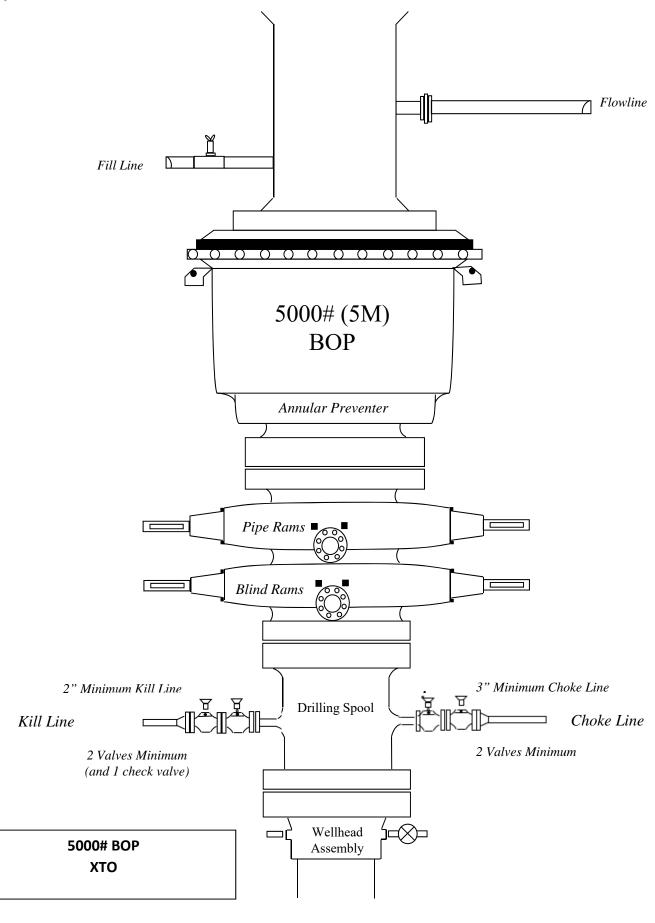
o i i ai ao coi i o ci c	0 01 1120 an	u ooz			
Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H₂S	1.189 Air = I	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO ₂	2.21 Air = I	2 ppm	N/A	1000 ppm

Contacting Authorities

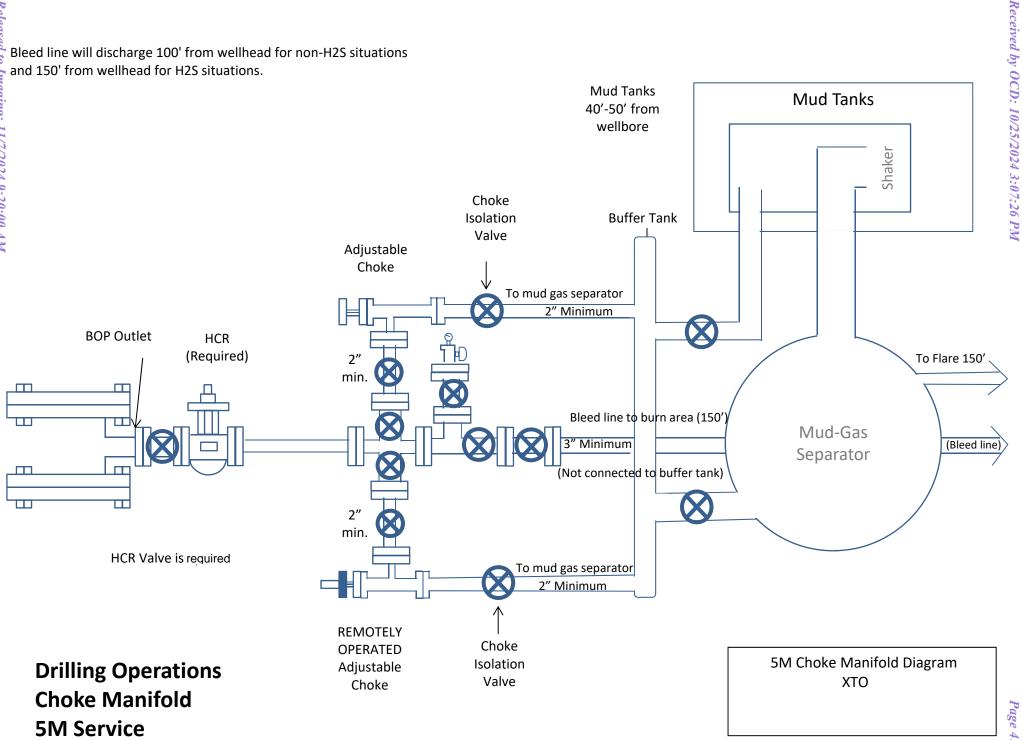
All XTO location personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, 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. (Operator Name)'s response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

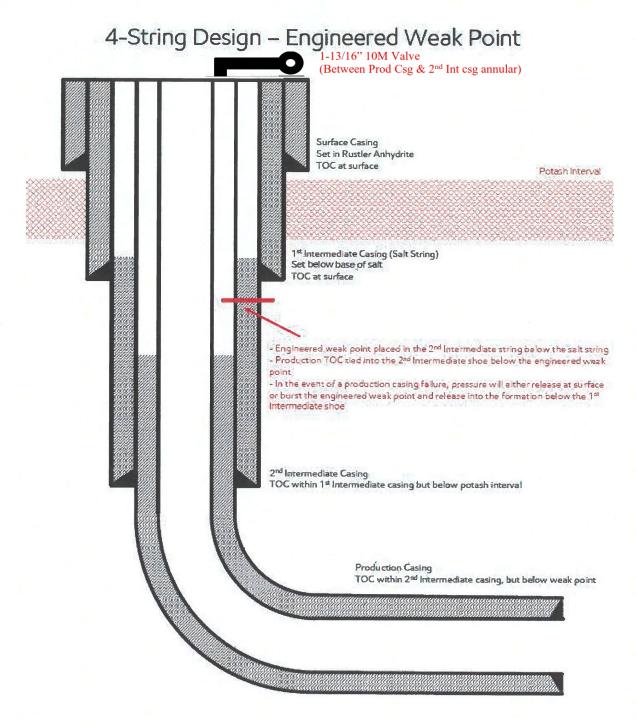
CARLSBAD OFFICE – EDDY & LEA COUNTIES

3104 E. Greene St., Carlsbad, NM 88220 Carlsbad, NM	575-887-7329
XTO PERSONNEL: Will Dacus, Drilling Manager Brian Dunn, Drilling Supervisor Robert Bartels, Construction Execution Planner Andy Owens, EH & S Manager Frank Fuentes, Production Foreman	832-948-5021 832-653-0490 406-478-3617 903-245-2602 575-689-3363
SHERIFF DEPARTMENTS:	
Eddy County Lea County	575-887-7551 575-396-3611
NEW MEXICO STATE POLICE:	575-392-5588
FIRE DEPARTMENTS: Carlsbad Eunice Hobbs Jal Lovington	911 575-885-2111 575-394-2111 575-397-9308 575-395-2221 575-396-2359
HOSPITALS: Carlsbad Medical Emergency Eunice Medical Emergency Hobbs Medical Emergency Jal Medical Emergency Lovington Medical Emergency	911 575-885-2111 575-394-2112 575-397-9308 575-395-2221 575-396-2359
AGENT NOTIFICATIONS: For Lea County: Bureau of Land Management – Hobbs New Mexico Oil Conservation Division – Hobbs	575-393-3612 575-393-6161
For Eddy County: Bureau of Land Management - Carlsbad New Mexico Oil Conservation Division - Artesia	575-234-5972 575-748-1283



Bleed line will discharge 100' from wellhead for non-H2S situations and 150' from wellhead for H2S situations.





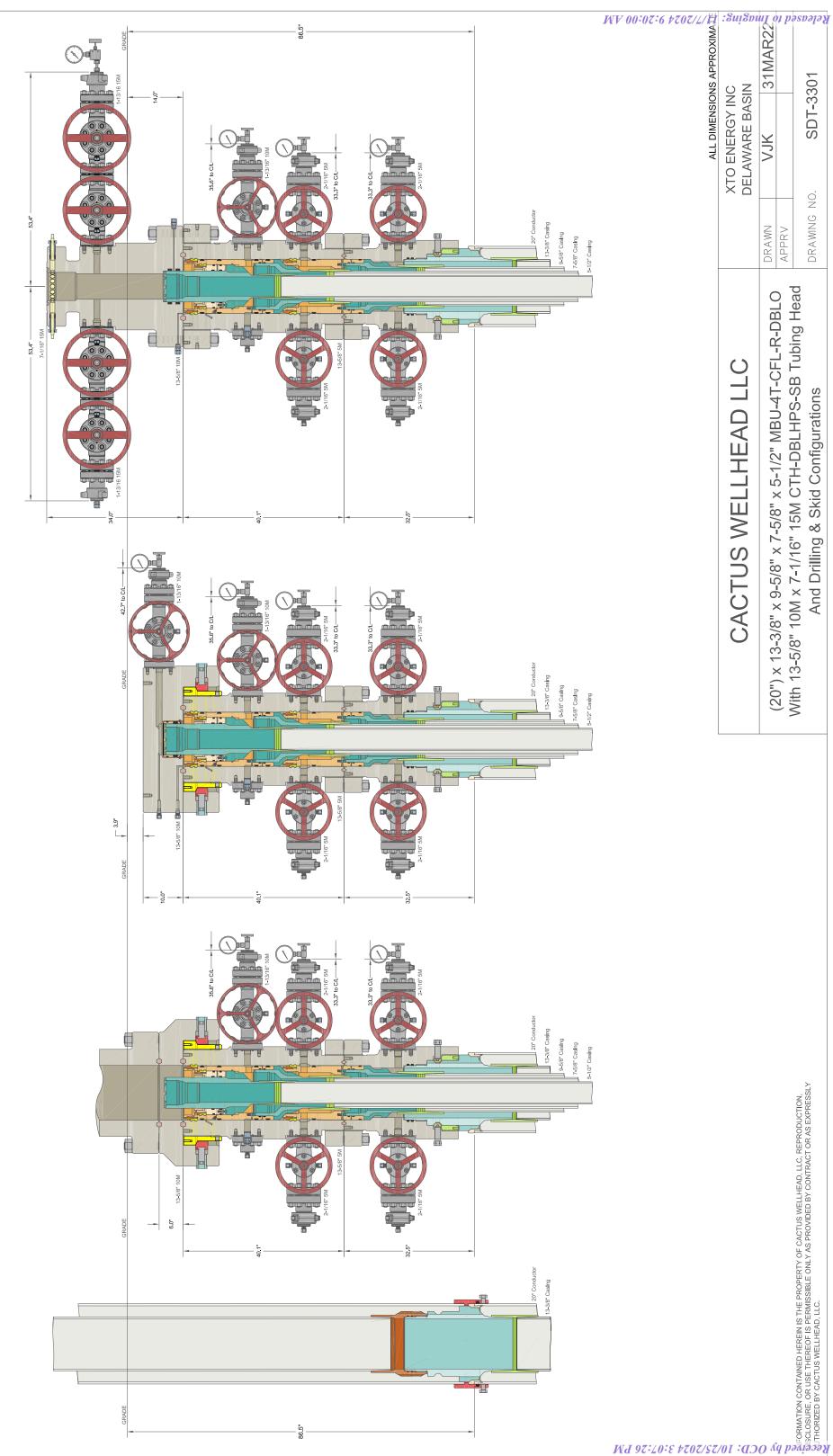
[Figure F] 4 String – 2nd Intermediate casing engineered weak point

31592723_v1

Update May 2024:

XTO is aware of the R111-Q update and will comply with these requirements including (but not limited to):

- 1) Alignment with KPLA requirements per schematic above, leaving open annulus for pressure monitoring during frac and utilizing new casing that meets API standards
- 2) Contingency plans in place to divert formation fluids away from salt interval in event of production casing failure
- 3) Bradenhead squeeze to be completed within 180days to tie back TOC to salt string at least 500ft but with top below Marker Bed 126
- 4) Production cement to be tied back no less than 500ft inside previous casing shoe



CACTUS WELLHEAD LLC

XTO ENERGY INC DELAWARE BASIN

(20") x 13-3/8" x 9-5/8" x 7-5/8" x 5-1/2" MBU-4T-CFL-R-DBLO With 13-5/8" 10M x 7-1/16" 15M CTH-DBLHPS-SB Tubing Head And Drilling & Skid Configurations

DRAWING NO.

DRAWN APPRV

3::07:26

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/2024

10/25/20

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: XTO Permian Operating, LLC	OGRID: 373075	Date: 09/24/2024
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	Anticip	3 yr	Anticipated	3 yr	Anticipated	3 yr
				ated Oil	Anticipat	Gas	anticipated	Produced	anticipated
				BBL/D	ed	MCF/D	decline Gas	Water	decline
					decline		MCF/D	BBL/D	Water
					Oil				BBL/D
					BBL/D				
Remuda		25 T23S R29E							
North 25 ST			2375 FSL,	1,100	100	3,250	500	3,500	350
161H	TBD		585 FWL	1,100	100	3,230	300	3,300	330
Remuda		25 T23S R29E							
North 25 ST			2375 FSL,	900	100	1,250	300	2,250	250
501H	TBD		615 FWL	900	100	1,230	300	2,230	230
Remuda		25 T23S R29E							
North 25 ST			2374 FSL,	1,100	100	3,250	500	3,500	350
162H	TBD		645 FWL	1,100	100	3,230	300	3,300	330
Remuda		25 T23S R29E							
North 25 ST			2375 FSL,	1,100	100	3,250	500	3,500	350
163H	TBD		1994 FEL	1,100	100	3,230	300	3,300	330
Remuda		25 T23S R29E							
North 25 ST			2374 FSL,	900	100	1,250	300	2,250	250
502H	TBD		1964 FEL	700	100	1,230	300	2,230	230

IV. Central Delivery Point Name:	Raider Compressor Station	_[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 TD Reached Completion API Spud Date Initial Flow First Production Date Commencement Date **Back Date** Date TBD **TBD** TBD **TBD TBD** Remuda North 25 ST 161H **TBD**

Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 501H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 162H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 163H	TBD					
Remuda North 25		TBD	TBD	TBD	TBD	TBD
ST 502H	TBD					

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
_				, S

XI. Map. \square 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 \square will \square 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 \square does \square 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.

Page 2 of 5

Section 3 - Certifications <u>Effective May 25, 2021</u>

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 ga thering 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. \square 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:

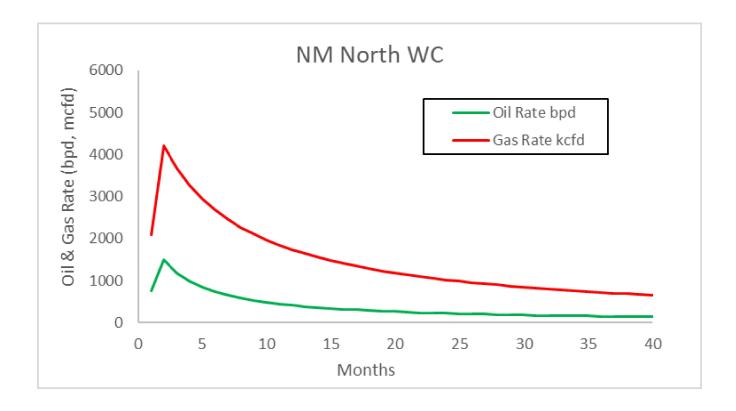
- (a) power generation on lease;
- **(b)** power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other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

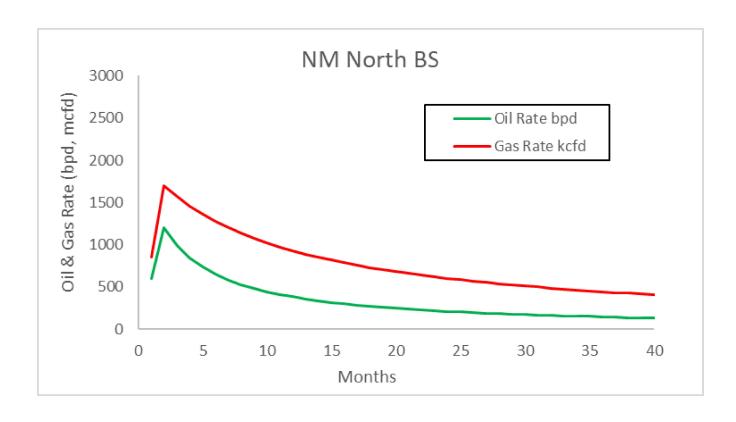
Section 4 - Notices

- 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: AMPM
Printed Name: Adrian Baker
Title: Regulatory Advisor
E-mail Address: adrian.baker@exxonmobil.com
Date: 10/10/24
Phone: 4322363808
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:





VI. Separation Equipment:

XTO Permian Operating LLC. utilizes a "stage separation" process in which oil and gas separation is carried out through a series of separators operating at successively reduced pressures. Hydrocarbon liquids are produced into a high-pressure inlet separator, then carried through one or more lower pressure separation vessels before entering the storage tanks. The purpose of this separation process is to attain maximum recovery of liquid hydrocarbons from the fluids and allow maximum capture of produced gas into the sales pipeline. XTO utilizes a series of Low-Pressure Compression units to capture gas off the staged separation and send it to the sales pipeline. This process minimizes the amount of flash gas that enters the end-stage storage tanks that is subsequently vented or flared.

VII. Operational Practices

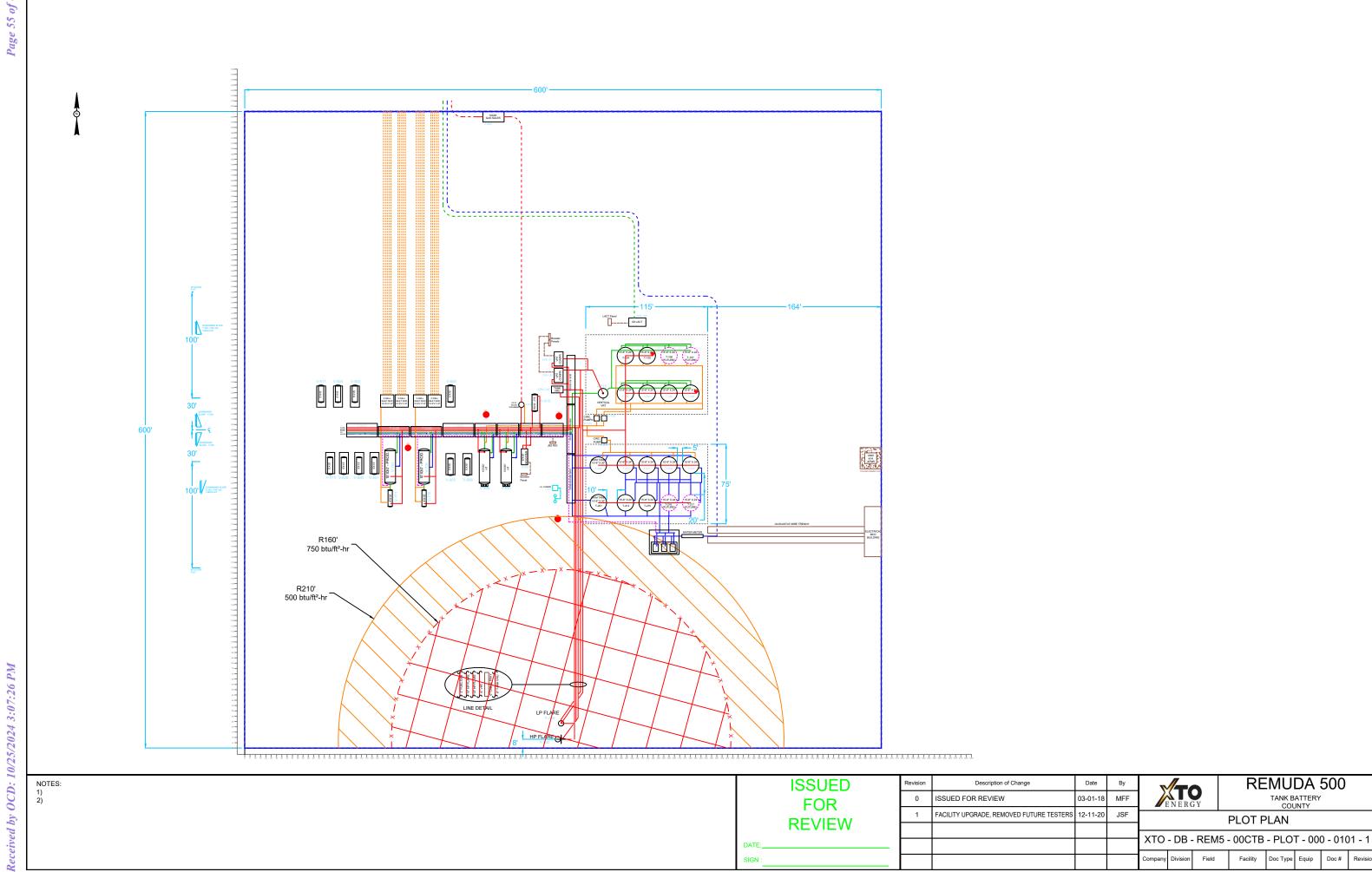
XTO Permian Operating LLC will employ best management practices and control technologies to maximize the recovery and minimize waste of natural gas through venting and flaring.

- During drilling operations, XTO will utilize flares to capture and control natural gas, where technically feasible. If flaring is deemed technically in-feasible, XTO will employ best management practices to minimize or reduce venting to the extent possible.
- During completions operations, XTO will utilize Green Completion methods to capture gas produced during well completions that is otherwise vented or flared. If capture is technically infeasible, flares will be used to control flow back fluids entering into frac tanks during initial flowback. Upon indication of first measurable hydrocarbon volumes, XTO Permian Operating LLCwill turn operations to onsite separation vessels and flow to the gathering pipeline.
- During production operations, XTO Permian Operating LLC will take every practical effort to minimize waste of natural gas through venting and flaring by:
 - Designing and constructing facilities in a manner consistent to achieve maximum capture and control of hydrocarbon liquids & produced gas
 - Utilizing a closed-loop capture system to collect, and route produced gas to sales line via low pressure compression, or to a flare/combustor
 - Flaring in lieu of venting, where technically feasible
 - Utilizing auto-ignitors or continuous pilots, with thermocouples connected to Scada, to quickly detect and resolve issues related to malfunctioning flares/combustors
 - Employ the use of automatic tank gauging to minimize storage tank venting during loading events
 - Installing air-driven or electric-driven pneumatics & combustion engines, where technically feasible to minimize venting to the atmosphere
 - Confirm equipment is properly maintained and repaired through a preventative maintenance and repair program to ensure equipment meets all manufacturer specifications

 Conduct and document AVO inspections on the frequency set forth in Part 27 to detect and repair any onsite leaks as quickly and efficiently as is feasible.

VIII. Best Management Practices during Maintenance

XTO Permian Operating LLC. will utilize best management practices to minimize venting during active and planned maintenance activities. XTO is operating under guidance that production facilities permitted under NOI permits have no provisions to allow high pressure flaring and high-pressure flaring is only allowed in disruption scenarios so long as the duration is less than eight hours. When technically feasible, flaring during maintenance activities will be utilized in lieu of venting to the atmosphere. XTO will work with third-party operators during scheduled maintenance of downstream pipeline or processing plants to address those events ahead of time to minimize venting. Actions considered include identifying alternative capture approaches or planning to temporarily reduce production or shut in the well to address these circumstances.



Convergence Angle:

Slot:

Well Plan Report - Remuda North 25 ST 501H

Measured Depth: 16141.18 ft

Site: A

TVD RKB: 8152.00 ft

Remuda North 25 ST 501H

Location

Cartographic New Mexico EastReference System: NAD 27

Northing: 463981.30 ft

Easting: 620249.00 ft

RKB: 3098.00 ft

Ground Level: 472181.70 ft

North Reference: Grid

Plan SectionsRemuda North 25 ST 501H

0.21 Deg

Measured			TVD			Build	Turn	Dogleg
Depth	Inclination	Azimuth	RKB	Y Offset	X Offset	Rate	Rate	Rate
(ft)	(Deg)	(Deg)	(ft)	(ft)	(ft)	(Deg/100ft)	(Deg/100ft)	(Deg/100ft) Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00
3330.37	4.61	119.08	3330.12	-4.50	8.09	2.00	0.00	2.00
5376.74	4.61	119.08	5369.88	-84.38	151.75	0.00	0.00	0.00
5607.11	0.00	0.00	5600.00	-88.88	159.85	-2.00	0.00	2.00
7442.91	0.00	0.00	7435.80	-88.88	159.85	0.00	0.00	0.00
8567.91	90.00	359.61	8152.00	627.30	155.00	8.00	0.00	8.00 FTP 1
16091.18	90.00	359.61	8152.00	8150.40	104.10	0.00	0.00	0.00 LTP 1
16141.18	90.00	359.61	8152.00	8200.40	103.76	0.00	0.00	0.00 BHL 1

Position Uncertainty Remuda North 25 ST 501H

Measured TVD Highside Lateral Vertical Magnitude Semi-major Semi-minor Tool

Depth	Inclination	Azimuth	RKB	Error	Bias	Error	Bias	Error	Bias	of Bias	Error	Error	Azimuth	Used
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.700	0.000	0.350	0.000	2.300	0.000	0.000	0.751	0.220	112.264	MWD+IFR1+MS
200.000	0.000	0.000	200.000	1.112	0.000	0.861	0.000	2.309	0.000	0.000	1.259	0.627	122.711	MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.497	0.000	1.271	0.000	2.325	0.000	0.000	1.698	0.986	125.469	MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.871	0.000	1.658	0.000	2.346	0.000	0.000	2.108	1.344	126.713	MWD+IFR1+MS
500.000	0.000	0.000	500.000	2.240	0.000	2.034	0.000	2.372	0.000	0.000	2.503	1.701	127.419	MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.607	0.000	2.405	0.000	2.404	0.000	0.000	2.888	2.059	127.873	MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.971	0.000	2.773	0.000	2.440	0.000	0.000	3.267	2.417	128.190	MWD+IFR1+MS
800.000	0.000	0.000	800.000	3.334	0.000	3.138	0.000	2.481	0.000	0.000	3.642	2.775	128.423	MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.696	0.000	3.502	0.000	2.526	0.000	0.000	4.014	3.133	128.602	MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	4.058	0.000	3.865	0.000	2.575	0.000	0.000	4.384	3.491	128.744	MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	4.419	0.000	4.228	0.000	2.628	0.000	0.000	4.752	3.849	128.859	MWD+IFR1+MS
1200.000	0.000	0.000	1200.000	4.779	0.000	4.589	0.000	2.683	0.000	0.000	5.119	4.207	128.954	MWD+IFR1+MS
1300.000	0.000	0.000	1300.000	5.140	0.000	4.950	0.000	2.742	0.000	0.000	5.484	4.565	129.034	MWD+IFR1+MS
1400.000	0.000	0.000	1400.000	5.500	0.000	5.311	0.000	2.804	0.000	0.000	5.849	4.924	129.102	MWD+IFR1+MS
1500.000	0.000	0.000	1500.000	5.860	0.000	5.672	0.000	2.869	0.000	0.000	6.213	5.282	129.161	MWD+IFR1+MS
1600.000	0.000	0.000	1600.000	6.219	0.000	6.032	0.000	2.936	0.000	0.000	6.577	5.640	129.212	MWD+IFR1+MS
1700.000	0.000	0.000	1700.000	6.579	0.000	6.392	0.000	3.005	0.000	0.000	6.939	5.999	129.257	MWD+IFR1+MS
1800.000	0.000	0.000	1800.000	6.938	0.000	6.752	0.000	3.077	0.000	0.000	7.302	6.357	129.297	MWD+IFR1+MS
1900.000	0.000	0.000	1900.000	7.298	0.000	7.112	0.000	3.150	0.000	0.000	7.664	6.715	129.333	MWD+IFR1+MS
2000.000	0.000	0.000	2000.000	7.657	0.000	7.471	0.000	3.226	0.000	0.000	8.026	7.074	129.365	MWD+IFR1+MS
2100.000	0.000	0.000	2100.000	8.016	0.000	7.831	0.000	3.303	0.000	0.000	8.387	7.432	129.394	MWD+IFR1+MS
2200.000	0.000	0.000	2200.000	8.375	0.000	8.190	0.000	3.382	0.000	0.000	8.748	7.791	129.420	MWD+IFR1+MS
2300.000	0.000	0.000	2300.000	8.734	0.000	8.550	0.000	3.462	0.000	0.000	9.109	8.149	129.444	MWD+IFR1+MS
2400.000	0.000	0.000	2400.000	9.093	0.000	8.909	0.000	3.545	0.000	0.000	9.470	8.507	129.466	MWD+IFR1+MS
2500.000	0.000	0.000	2500.000	9.452	0.000	9.268	0.000	3.629	0.000	0.000	9.831	8.866	129.486	MWD+IFR1+MS
2600.000	0.000	0.000	2600.000	9.811	0.000	9.627	0.000	3.714	0.000	0.000	10.191	9.224	129.505	MWD+IFR1+MS
2700.000	0.000	0.000	2700.000	10.170	0.000	9.986	0.000	3.801	0.000	0.000	10.552	9.583	129.522	MWD+IFR1+MS
2800.000	0.000	0.000	2800.000	10.529	0.000	10.345	0.000	3.889	0.000	0.000	10.912	9.941	129.538	MWD+IFR1+MS
2900.000	0.000	0.000	2900.000	10.888	0.000	10.705	0.000	3.979	0.000	0.000	11.272	10.299	129.552	MWD+IFR1+MS
3000.000	0.000	0.000	3000.000	11.247	0.000	11.063	0.000	4.070	0.000	0.000	11.632	10.658	129.566	MWD+IFR1+MS

3100.000	0.000	0.000	3100.000	11.606	0.000	11.422	0.000	4.163	0.000	0.000	11.992	11.016	129.579	MWD+IFR1+MS
3200.000	2.000	119.076	3199.980	11.459	0.000	12.282	-0.000	4.257	0.000	0.000	12.315	11.428	130.536	MWD+IFR1+MS
3300.000	4.000	119.076	3299.838	11.997	0.000	12.607	-0.000	4.353	0.000	0.000	12.625	12.001	129.082	MWD+IFR1+MS
3330.369	4.607	119.076	3330.121	12.095	0.000	12.702	-0.000	4.380	0.000	0.000	12.719	12.109	128.910	MWD+IFR1+MS
3400.000	4.607	119.076	3399.527	12.327	0.000	12.922	-0.000	4.448	0.000	0.000	12.938	12.342	128.412	MWD+IFR1+MS
3500.000	4.607	119.076	3499.204	12.662	0.000	13.248	-0.000	4.547	0.000	0.000	13.259	12.681	127.080	MWD+IFR1+MS
3600.000	4.607	119.076	3598.881	13.003	0.000	13.580	-0.000	4.647	0.000	0.000	13.587	13.025	125.371	MWD+IFR1+MS
3700.000	4.607	119.076	3698.557	13.345	0.000	13.913	-0.000	4.750	0.000	0.000	13.917	13.369	123.663	MWD+IFR1+MS
3800.000	4.607	119.076	3798.234	13.687	0.000	14.248	-0.000	4.854	0.000	0.000	14.250	13.713	121.969	MWD+IFR1+MS
3900.000	4.607	119.076	3897.911	14.031	0.000	14.585	-0.000	4.959	0.000	0.000	14.585	14.057	120.305	MWD+IFR1+MS
4000.000	4.607	119.076	3997.588	14.376	0.000	14.923	-0.000	5.067	0.000	0.000	14.923	14.401	118.681	MWD+IFR1+MS
4100.000	4.607	119.076	4097.265	14.722	0.000	15.262	-0.000	5.176	0.000	0.000	15.263	14.745	117.108	MWD+IFR1+MS
4200.000	4.607	119.076	4196.942	15.069	0.000	15.602	-0.000	5.286	0.000	0.000	15.604	15.090	115.596	MWD+IFR1+MS
4300.000	4.607	119.076	4296.618	15.416	0.000	15.944	-0.000	5.399	0.000	0.000	15.947	15.434	114.151	MWD+IFR1+MS
4400.000	4.607	119.076	4396.295	15.764	0.000	16.286	-0.000	5.513	0.000	0.000	16.292	15.778	112.777	MWD+IFR1+MS
4500.000	4.607	119.076	4495.972	16.112	0.000	16.630	-0.000	5.630	0.000	0.000	16.639	16.123	111.476	MWD+IFR1+MS
4600.000	4.607	119.076	4595.649	16.462	0.000	16.974	-0.000	5.748	0.000	0.000	16.986	16.468	110.251	MWD+IFR1+MS
4700.000	4.607	119.076	4695.326	16.812	0.000	17.320	-0.000	5.868	0.000	0.000	17.335	16.813	109.099	MWD+IFR1+MS
4800.000	4.607	119.076	4795.003	17.162	0.000	17.666	-0.000	5.990	0.000	0.000	17.685	17.159	108.020	MWD+IFR1+MS
4900.000	4.607	119.076	4894.680	17.513	0.000	18.013	-0.000	6.114	0.000	0.000	18.036	17.505	107.012	MWD+IFR1+MS
5000.000	4.607	119.076	4994.356	17.864	0.000	18.361	-0.000	6.239	0.000	0.000	18.387	17.851	106.070	MWD+IFR1+MS
5100.000	4.607	119.076	5094.033	18.216	0.000	18.709	-0.000	6.367	0.000	0.000	18.740	18.198	105.193	MWD+IFR1+MS
5200.000	4.607	119.076	5193.710	18.569	0.000	19.058	-0.000	6.497	0.000	0.000	19.093	18.545	104.376	MWD+IFR1+MS
5300.000	4.607	119.076	5293.387	18.921	0.000	19.408	-0.000	6.629	0.000	0.000	19.447	18.893	103.616	MWD+IFR1+MS
5376.740	4.607	119.076	5369.879	19.189	0.000	19.674	-0.000	6.732	0.000	0.000	19.714	19.158	103.318	MWD+IFR1+MS
5400.000	4.142	119.076	5393.071	19.276	0.000	19.753	-0.000	6.763	0.000	0.000	19.793	19.238	103.320	MWD+IFR1+MS
5500.000	2.142	119.076	5492.916	19.684	0.000	20.096	-0.000	6.900	0.000	0.000	20.148	19.622	100.789	MWD+IFR1+MS
5607.109	0.000	0.000	5600.000	20.498	0.000	20.050	0.000	7.047	0.000	0.000	20.523	20.024	103.059	MWD+IFR1+MS
5700.000	0.000	0.000	5692.891	20.863	0.000	20.376	0.000	7.176	0.000	0.000	20.894	20.344	103.818	MWD+IFR1+MS
5800.000	0.000	0.000	5792.891	21.211	0.000	20.728	0.000	7.316	0.000	0.000	21.245	20.693	104.450	MWD+IFR1+MS
5900.000	0.000	0.000	5892.891	21.561	0.000	21.081	0.000	7.458	0.000	0.000	21.598	21.043	105.108	MWD+IFR1+MS
6000.000	0.000	0.000	5992.891	21.911	0.000	21.434	0.000	7.603	0.000	0.000	21.951	21.392	105.736	MWD+IFR1+MS
6100.000	0.000	0.000	6092.891	22.261	0.000	21.787	0.000	7.750	0.000	0.000	22.305	21.742	106.336	MWD+IFR1+MS

Well Plan Report

6200.000	0.000	0.000	6192.891	22.611	0.000	22.140	0.000	7.900	0.000	0.000	22.659	22.091	106.910 MWD+IFR1	+MS
6300.000	0.000	0.000	6292.891	22.962	0.000	22.493	0.000	8.052	0.000	0.000	23.013	22.441	107.457 MWD+IFR1	+MS
6400.000	0.000	0.000	6392.891	23.313	0.000	22.847	0.000	8.206	0.000	0.000	23.367	22.791	107.981 MWD+IFR1	+MS
6500.000	0.000	0.000	6492.891	23.664	0.000	23.201	0.000	8.363	0.000	0.000	23.721	23.142	108.481 MWD+IFR1	+MS
6600.000	0.000	0.000	6592.891	24.015	0.000	23.554	0.000	8.522	0.000	0.000	24.076	23.492	108.959 MWD+IFR1	+MS
6700.000	0.000	0.000	6692.891	24.367	0.000	23.908	0.000	8.683	0.000	0.000	24.431	23.843	109.417 MWD+IFR1	+MS
6800.000	0.000	0.000	6792.891	24.718	0.000	24.263	0.000	8.848	0.000	0.000	24.786	24.194	109.856 MWD+IFR1	+MS
6900.000	0.000	0.000	6892.891	25.070	0.000	24.617	0.000	9.014	0.000	0.000	25.141	24.544	110.275 MWD+IFR1	+MS
7000.000	0.000	0.000	6992.891	25.422	0.000	24.971	0.000	9.184	0.000	0.000	25.496	24.895	110.677 MWD+IFR1	+MS
7100.000	0.000	0.000	7092.891	25.775	0.000	25.326	0.000	9.355	0.000	0.000	25.852	25.247	111.063 MWD+IFR1	+MS
7200.000	0.000	0.000	7192.891	26.127	0.000	25.680	0.000	9.530	0.000	0.000	26.207	25.598	111.433 MWD+IFR1	+MS
7300.000	0.000	0.000	7292.891	26.480	0.000	26.035	0.000	9.707	0.000	0.000	26.563	25.950	111.788 MWD+IFR1	+MS
7400.000	0.000	0.000	7392.891	26.832	0.000	26.390	0.000	9.887	0.000	0.000	26.919	26.301	112.128 MWD+IFR1	+MS
7442.912	0.000	0.000	7435.803	26.981	0.000	26.540	0.000	9.964	0.000	0.000	27.068	26.451	112.121 MWD+IFR1	+MS
7500.000	4.567	359.612	7492.830	27.126	0.000	26.741	0.000	10.068	0.000	0.000	27.308	26.653	110.950 MWD+IFR1	+MS
7600.000	12.567	359.612	7591.634	27.908	0.000	27.083	0.000	10.316	0.000	0.000	28.537	27.028	100.455 MWD+IFR1	+MS
7700.000	20.567	359.612	7687.405	28.787	0.000	27.415	0.000	10.808	0.000	0.000	30.191	27.364	97.118 MWD+IFR1	+MS
7800.000	28.567	359.612	7778.279	29.185	0.000	27.729	0.000	11.614	0.000	0.000	31.619	27.675	96.147 MWD+IFR1	+MS
7900.000	36.567	359.612	7862.487	29.154	0.000	28.025	0.000	12.763	0.000	0.000	32.808	27.964	95.790 MWD+IFR1	+MS
8000.000	44.567	359.612	7938.389	28.760	0.000	28.301	0.000	14.226	0.000	0.000	33.754	28.233	95.699 MWD+IFR1	+MS
8100.000	52.567	359.612	8004.510	28.091	0.000	28.558	0.000	15.939	0.000	0.000	34.468	28.482	95.756 MWD+IFR1	+MS
8200.000	60.567	359.612	8059.561	27.257	0.000	28.795	0.000	17.825	0.000	0.000	34.967	28.712	95.910 MWD+IFR1	+MS
8300.000	68.567	359.612	8102.472	26.390	0.000	29.013	0.000	19.808	0.000	0.000	35.280	28.923	96.126 MWD+IFR1	+MS
8400.000	76.567	359.612	8132.407	25.644	0.000	29.213	0.000	21.819	0.000	0.000	35.445	29.116	96.371 MWD+IFR1	+MS
8500.000	84.567	359.612	8148.783	25.176	0.000	29.394	0.000	23.796	0.000	0.000	35.506	29.292	96.599 MWD+IFR1	+MS
8567.912	90.000	359.612	8152.000	24.473	0.000	29.501	0.000	24.473	0.000	0.000	35.516	29.399	96.699 MWD+IFR1	+MS
8600.000	90.000	359.612	8152.000	24.544	0.000	29.549	0.000	24.544	0.000	0.000	35.518	29.447	96.739 MWD+IFR1	+MS
8700.000	90.000	359.612	8152.000	24.712	0.000	29.724	0.000	24.712	0.000	0.000	35.524	29.620	96.896 MWD+IFR1	+MS
000.008	90.000	359.612	8152.000	24.907	0.000	29.927	0.000	24.907	0.000	0.000	35.531	29.821	97.095 MWD+IFR1	+MS
8900.000	90.000	359.612	8152.000	25.126	0.000	30.154	0.000	25.126	0.000	0.000	35.539	30.046	97.338 MWD+IFR1	+MS
9000.000	90.000	359.612	8152.000	25.367	0.000	30.405	0.000	25.367	0.000	0.000	35.549	30.294	97.633 MWD+IFR1	+MS
9100.000	90.000	359.612	8152.000	25.630	0.000	30.679	0.000	25.630	0.000	0.000	35.559	30.564	97.992 MWD+IFR1	+MS
9200.000	90.000	359.612	8152.000	25.914	0.000	30.976	0.000	25.914	0.000	0.000	35.571	30.857	98.429 MWD+IFR1	+MS

9300.000	90.000	359.612	8152.000	26.218	0.000	31.294	0.000	26.218	0.000	0.000	35.585	31.170	98.962	MWD+IFR1+MS
9400.000	90.000	359.612	8152.000	26.542	0.000	31.634	0.000	26.542	0.000	0.000	35.600	31.503	99.621	MWD+IFR1+MS
9500.000	90.000	359.612	8152.000	26.885	0.000	31.995	0.000	26.885	0.000	0.000	35.618	31.855	100.443	MWD+IFR1+MS
9600.000	90.000	359.612	8152.000	27.247	0.000	32.376	0.000	27.247	0.000	0.000	35.640	32.224	101.488	MWD+IFR1+MS
9700.000	90.000	359.612	8152.000	27.626	0.000	32.776	0.000	27.626	0.000	0.000	35.665	32.608	102.843	MWD+IFR1+MS
9800.000	90.000	359.612	8152.000	28.022	0.000	33.194	0.000	28.022	0.000	0.000	35.696	33.006	104.648	MWD+IFR1+MS
9900.000	90.000	359.612	8152.000	28.434	0.000	33.630	0.000	28.434	0.000	0.000	35.737	33.413	107.130	MWD+IFR1+MS
10000.000	90.000	359.612	8152.000	28.861	0.000	34.084	0.000	28.861	0.000	0.000	35.792	33.823	110.663	MWD+IFR1+MS
10100.000	90.000	359.612	8152.000	29.303	0.000	34.554	0.000	29.303	0.000	0.000	35.871	34.226	115.853	MWD+IFR1+MS
10200.000	90.000	359.612	8152.000	29.760	0.000	35.039	0.000	29.760	0.000	0.000	35.995	34.600	123.475	MWD+IFR1+MS
10300.000	90.000	359.612	8152.000	30.229	0.000	35.540	0.000	30.229	0.000	0.000	36.193	34.917	133.703	MWD+IFR1+MS
10400.000	90.000	359.612	8152.000	30.712	0.000	36.056	0.000	30.712	0.000	0.000	36.491	35.148	-35.337	MWD+IFR1+MS
10500.000	90.000	359.612	8152.000	31.207	0.000	36.585	0.000	31.207	0.000	0.000	36.883	35.299	-26.342	MWD+IFR1+MS
10600.000	90.000	359.612	8152.000	31.714	0.000	37.128	0.000	31.714	0.000	0.000	37.343	35.397	-20.033	MWD+IFR1+MS
10700.000	90.000	359.612	8152.000	32.232	0.000	37.684	0.000	32.232	0.000	0.000	37.846	35.465	-15.761	MWD+IFR1+MS
10800.000	90.000	359.612	8152.000	32.760	0.000	38.251	0.000	32.760	0.000	0.000	38.379	35.516	-12.804	MWD+IFR1+MS
10900.000	90.000	359.612	8152.000	33.299	0.000	38.831	0.000	33.299	0.000	0.000	38.934	35.556	-10.682	MWD+IFR1+MS
11000.000	90.000	359.612	8152.000	33.847	0.000	39.421	0.000	33.847	0.000	0.000	39.507	35.591	-9.105	MWD+IFR1+MS
11100.000	90.000	359.612	8152.000	34.404	0.000	40.023	0.000	34.404	0.000	0.000	40.095	35.621	-7.894	MWD+IFR1+MS
11200.000	90.000	359.612	8152.000	34.970	0.000	40.634	0.000	34.970	0.000	0.000	40.696	35.650	-6.941	MWD+IFR1+MS
11300.000	90.000	359.612	8152.000	35.545	0.000	41.255	0.000	35.545	0.000	0.000	41.309	35.676	-6.174	MWD+IFR1+MS
11400.000	90.000	359.612	8152.000	36.127	0.000	41.886	0.000	36.127	0.000	0.000	41.932	35.702	-5.545	MWD+IFR1+MS
11500.000	90.000	359.612	8152.000	36.717	0.000	42.525	0.000	36.717	0.000	0.000	42.566	35.726	- 5.022	MWD+IFR1+MS
11600.000	90.000	359.612	8152.000	37.314	0.000	43.173	0.000	37.314	0.000	0.000	43.209	35.751	- 4.580	MWD+IFR1+MS
11700.000	90.000	359.612	8152.000	37.918	0.000	43.829	0.000	37.918	0.000	0.000	43.861	35.775	-4.202	MWD+IFR1+MS
11800.000	90.000	359.612	8152.000	38.528	0.000	44.492	0.000	38.528	0.000	0.000	44.522	35.799	-3.877	MWD+IFR1+MS
11900.000	90.000	359.612	8152.000	39.145	0.000	45.164	0.000	39.145	0.000	0.000	45.190	35.823	-3.594	MWD+IFR1+MS
12000.000	90.000	359.612	8152.000	39.767	0.000	45.842	0.000	39.767	0.000	0.000	45.866	35.848	-3.345	MWD+IFR1+MS
12100.000	90.000	359.612	8152.000	40.395	0.000	46.527	0.000	40.395	0.000	0.000	46.548	35.872	-3.126	MWD+IFR1+MS
12200.000	90.000	359.612	8152.000	41.029	0.000	47.218	0.000	41.029	0.000	0.000	47.238	35.897	- 2.932	MWD+IFR1+MS
12300.000	90.000	359.612	8152.000	41.668	0.000	47.916	0.000	41.668	0.000	0.000	47.934	35.922	- 2.758	MWD+IFR1+MS
12400.000	90.000	359.612	8152.000	42.311	0.000	48.620	0.000	42.311	0.000	0.000	48.636	35.947	-2.602	MWD+IFR1+MS
12500.000	90.000	359.612	8152.000	42.960	0.000	49.329	0.000	42.960	0.000	0.000	49.344	35.972	-2.461	MWD+IFR1+MS

12600.000	90.000	359.612	8152.000	43.613	0.000	50.044	0.000	43.613	0.000	0.000	50.058	35.998	-2.333 MWD+IFR1+MS
12700.000	90.000	359.612	8152.000	44.270	0.000	50.764	0.000	44.270	0.000	0.000	50.777	36.025	-2.218 MWD+IFR1+MS
12800.000	90.000	359.612	8152.000	44.931	0.000	51.489	0.000	44.931	0.000	0.000	51.501	36.051	-2.112 MWD+IFR1+MS
12900.000	90.000	359.612	8152.000	45.596	0.000	52.218	0.000	45.596	0.000	0.000	52.229	36.078	-2.015 MWD+IFR1+MS
13000.000	90.000	359.612	8152.000	46.265	0.000	52.953	0.000	46.265	0.000	0.000	52.963	36.106	-1.927 MWD+IFR1+MS
13100.000	90.000	359.612	8152.000	46.937	0.000	53.691	0.000	46.937	0.000	0.000	53.701	36.134	-1.845 MWD+IFR1+MS
13200.000	90.000	359.612	8152.000	47.613	0.000	54.434	0.000	47.613	0.000	0.000	54.443	36.162	-1.769 MWD+IFR1+MS
13300.000	90.000	359.612	8152.000	48.292	0.000	55.181	0.000	48.292	0.000	0.000	55.190	36.191	-1.700 MWD+IFR1+MS
13400.000	90.000	359.612	8152.000	48.975	0.000	55.932	0.000	48.975	0.000	0.000	55.940	36.220	-1.635 MWD+IFR1+MS
13500.000	90.000	359.612	8152.000	49.660	0.000	56.687	0.000	49.660	0.000	0.000	56.694	36.249	-1.575 MWD+IFR1+MS
13600.000	90.000	359.612	8152.000	50.349	0.000	57.445	0.000	50.349	0.000	0.000	57.452	36.279	-1.519 MWD+IFR1+MS
13700.000	90.000	359.612	8152.000	51.040	0.000	58.207	0.000	51.040	0.000	0.000	58.213	36.310	-1.467 MWD+IFR1+MS
13800.000	90.000	359.612	8152.000	51.733	0.000	58.972	0.000	51.733	0.000	0.000	58.978	36.341	-1.418 MWD+IFR1+MS
13900.000	90.000	359.612	8152.000	52.430	0.000	59.740	0.000	52.430	0.000	0.000	59.745	36.372	-1.373 MWD+IFR1+MS
14000.000	90.000	359.612	8152.000	53.128	0.000	60.511	0.000	53.128	0.000	0.000	60.516	36.404	-1.330 MWD+IFR1+MS
14100.000	90.000	359.612	8152.000	53.830	0.000	61.285	0.000	53.830	0.000	0.000	61.290	36.436	-1.290 MWD+IFR1+MS
14200.000	90.000	359.612	8152.000	54.533	0.000	62.062	0.000	54.533	0.000	0.000	62.067	36.469	-1.252 MWD+IFR1+MS
14300.000	90.000	359.612	8152.000	55.239	0.000	62.842	0.000	55.239	0.000	0.000	62.846	36.502	-1.217 MWD+IFR1+MS
14400.000	90.000	359.612	8152.000	55.946	0.000	63.624	0.000	55.946	0.000	0.000	63.628	36.536	-1.183 MWD+IFR1+MS
14500.000	90.000	359.612	8152.000	56.656	0.000	64.409	0.000	56.656	0.000	0.000	64.413	36.570	-1.152 MWD+IFR1+MS
14600.000	90.000	359.612	8152.000	57.368	0.000	65.197	0.000	57.368	0.000	0.000	65.200	36.604	-1.122 MWD+IFR1+MS
14700.000	90.000	359.612	8152.000	58.081	0.000	65.986	0.000	58.081	0.000	0.000	65.990	36.639	-1.094 MWD+IFR1+MS
14800.000	90.000	359.612	8152.000	58.797	0.000	66.778	0.000	58.797	0.000	0.000	66.782	36.675	-1.067 MWD+IFR1+MS
14900.000	90.000	359.612	8152.000	59.514	0.000	67.572	0.000	59.514	0.000	0.000	67.576	36.711	-1.042 MWD+IFR1+MS
15000.000	90.000	359.612	8152.000	60.233	0.000	68.369	0.000	60.233	0.000	0.000	68.372	36.747	-1.018 MWD+IFR1+MS
15100.000	90.000	359.612	8152.000	60.953	0.000	69.167	0.000	60.953	0.000	0.000	69.170	36.784	-0.995 MWD+IFR1+MS
15200.000	90.000	359.612	8152.000	61.675	0.000	69.967	0.000	61.675	0.000	0.000	69.970	36.821	-0.973 MWD+IFR1+MS
15300.000	90.000	359.612	8152.000	62.399	0.000	70.770	0.000	62.399	0.000	0.000	70.772	36.859	-0.953 MWD+IFR1+MS
15400.000	90.000	359.612	8152.000	63.124	0.000	71.574	0.000	63.124	0.000	0.000	71.576	36.897	-0.933 MWD+IFR1+MS
15500.000	90.000	359.612	8152.000	63.850	0.000	72.379	0.000	63.850	0.000	0.000	72.382	36.936	-0.914 MWD+IFR1+MS
15600.000	90.000	359.612	8152.000	64.578	0.000	73.187	0.000	64.578	0.000	0.000	73.189	36.975	-0.897 MWD+IFR1+MS
15700.000	90.000	359.612	8152.000	65.307	0.000	73.996	0.000	65.307	0.000	0.000	73.998	37.014	-0.880 MWD+IFR1+MS
15800.000	90.000	359.612	8152.000	66.038	0.000	74.807	0.000	66.038	0.000	0.000	74.809	37.054	-0.863 MWD+IFR1+MS

Reseived by	9 6D :	10/25/2024	3:07:26 PM
-------------	---------------	------------	------------

15900.000	90.000	359.612	8152.000	66.769	0.000	75.619	0.000	66.769	0.000	0.000	75.621	37.095	-0.848 MWD+IFR1+MS
16000.000	90.000	359.612	8152.000	67.502	0.000	76.433	0.000	67.502	0.000	0.000	76.435	37.135	-0.833 MWD+IFR1+MS
16091.184	90.000	359.612	8152.000	68.171	0.000	77.176	0.000	68.171	0.000	0.000	77.178	37.173	-0.820 MWD+IFR1+MS
16100.000	90.000	359.612	8152.000	68.235	0.000	77.248	0.000	68.235	0.000	0.000	77.249	37.177	-0.819 MWD+IFR1+MS
16141.183	90.000	359.612	8152.000	68.537	0.000	77.582	0.000	68.537	0.000	0.000	77.584	37.194	-0.813 MWD+IFR1+MS

Plan Targets	Remuda North 25 ST 501H			
	Measured Depth	Grid Northing	Grid Easting	TVD MSL Target Shape
Target Name	(ft)	(ft)	(ft)	(ft)
FTP 1	8567.89	464608.60	620404.00	5054.00 CIRCLE
LTP 1	16091.18	472131.70	620353.10	5054.00 CIRCLE
BHL 1	16141.34	472181.70	620352.60	5054.00 CIRCLE