

Well Name: BIG EDDY UNIT	Well Location: T19S / R31E / SEC 27 / SESE / 32.373318 / -103.505285	County or Parish/State: EDDY / NM
Well Number: 259H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM02447	Unit or CA Name:	Unit or CA Number: NMNM68294U
US Well Number: 3001541601	Well Status: Producing Oil Well	Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2712814

Type of Submission: Notice of Intent

Type of Action: Recompletion

Date Sundry Submitted: 01/26/2023

Time Sundry Submitted: 01:56

Date proposed operation will begin: 02/06/2023

Procedure Description: XTO Permian Operating respectfully submits a NOI recomplete sundry for the well above. XTO wants to run a liner and re-perf the liner.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BEU_259H_Recomplete_Submission_package_20230126135542.pdf

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Lease Number: NMNM02447	Unit or CA Name:	Unit or CA Number: NMNM68294U
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Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20230208135400.pdf

Operator

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

Operator Electronic Signature: CASSIE EVANS **Signed on:** JAN 26, 2023 01:56 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland **State:** TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5752345972 **BLM POC Email Address:** jshepard@blm.gov

Disposition: Approved **Disposition Date:** 02/08/2023

Signature: Jonathon Shepard

Big Eddy Unit #259H Liner Run and Refrac Procedure

API: 30-015-41601

Spud Date: 12/22/2013

KB: 3,495 (23' above GL)

GL: 3,472

1. POOH and lay down production equipment.
2. Pressure test casing to 8000 psi.
3. Cleanout wellbore with as many runs as necessary to prep lateral for running liner.
4. RIH w/ 4" 11.35# P-110 RY LFS FJ-HT liner. Set bottom of liner @ 13,850'. Set liner hanger @ 7,800'. Cement liner in place with 268 sxs (223 sxs necessary + 20% excess) Halliburton NeoCem TM Cement. 5-1/2" Production casing x 4" liner annulus volume = 0.007705 bbl/ft. 7" Production casing x 4" liner annulus volume = 0.02272 bbl/ft. 7" x 5-1/2" crossover @ 8502'. Cement Yield = 0.26 bbl/sack. Annulus volume = 57 bbl. Mixing fluid = 0.17 bbl/sack. Total mixing fluid = 47 bbls (39 bbls + 20% excess). Set refrac packer @ 8,220'. POOH w/ liner setting equipment.
5. Pressure test casing to 8000 psi to ensure liner top is not leaking.
6. Frac well in 22 stages, using 6 clusters per stage, 4 shots per cluster, 4 SPF perf guns, 528 total shots. Perf Table below. Frac each stage with 500,000 lbs sand and 9,362 bbl of water. Flush well after each stage with a casing volume + 50 bbls of water.

Plug Depth, MD	Gun 1 Upper Perf, MD	Gun 2 Upper Perf, MD	Gun 3 Upper Perf, MD	Gun 4 Upper Perf, MD	Gun 5 Upper Perf, MD	Gun 6 Upper Perf, MD
NA	13,821	13,788	13,755	13,722	13,689	13,656
13,638	13,619	13,586	13,553	13,520	13,487	13,454
13,436	13,417	13,384	13,351	13,318	13,285	13,252
13,234	13,215	13,182	13,149	13,116	13,083	13,050
13,032	13,013	12,980	12,947	12,914	12,881	12,848
12,830	12,811	12,778	12,745	12,712	12,679	12,646
12,628	12,609	12,576	12,543	12,510	12,477	12,444
12,426	12,407	12,374	12,341	12,308	12,275	12,242
12,224	12,205	12,172	12,139	12,106	12,073	12,040
12,022	12,003	11,970	11,937	11,904	11,871	11,838
11,820	11,801	11,768	11,735	11,702	11,669	11,636
11,618	11,599	11,566	11,533	11,500	11,467	11,434
11,416	11,397	11,364	11,331	11,298	11,265	11,232
11,214	11,195	11,162	11,129	11,096	11,063	11,030
11,012	10,993	10,960	10,927	10,894	10,861	10,828
10,810	10,791	10,758	10,725	10,692	10,659	10,626
10,608	10,589	10,556	10,523	10,490	10,457	10,424
10,406	10,387	10,354	10,321	10,288	10,255	10,222
10,204	10,185	10,152	10,119	10,086	10,053	10,020
10,002	9,983	9,950	9,917	9,884	9,851	9,818
9,800	9,781	9,748	9,715	9,682	9,649	9,616
9,598	9,579	9,546	9,513	9,480	9,447	9,414

7. Drillout frac plugs after frac.
8. RIH w/ production equipment and return well to production.

Current Wellbore Diagram Big Eddy Unit #259H

API: 30-015-41601
Spud Date: 12/22/2013
KB: 3,495 (23' above GL)
GL: 3,472

Surface: 16", 84#, J-55 @ 946'

Intermediate 1: 13-3/8", 68#, HCL-80 @ 2,632'

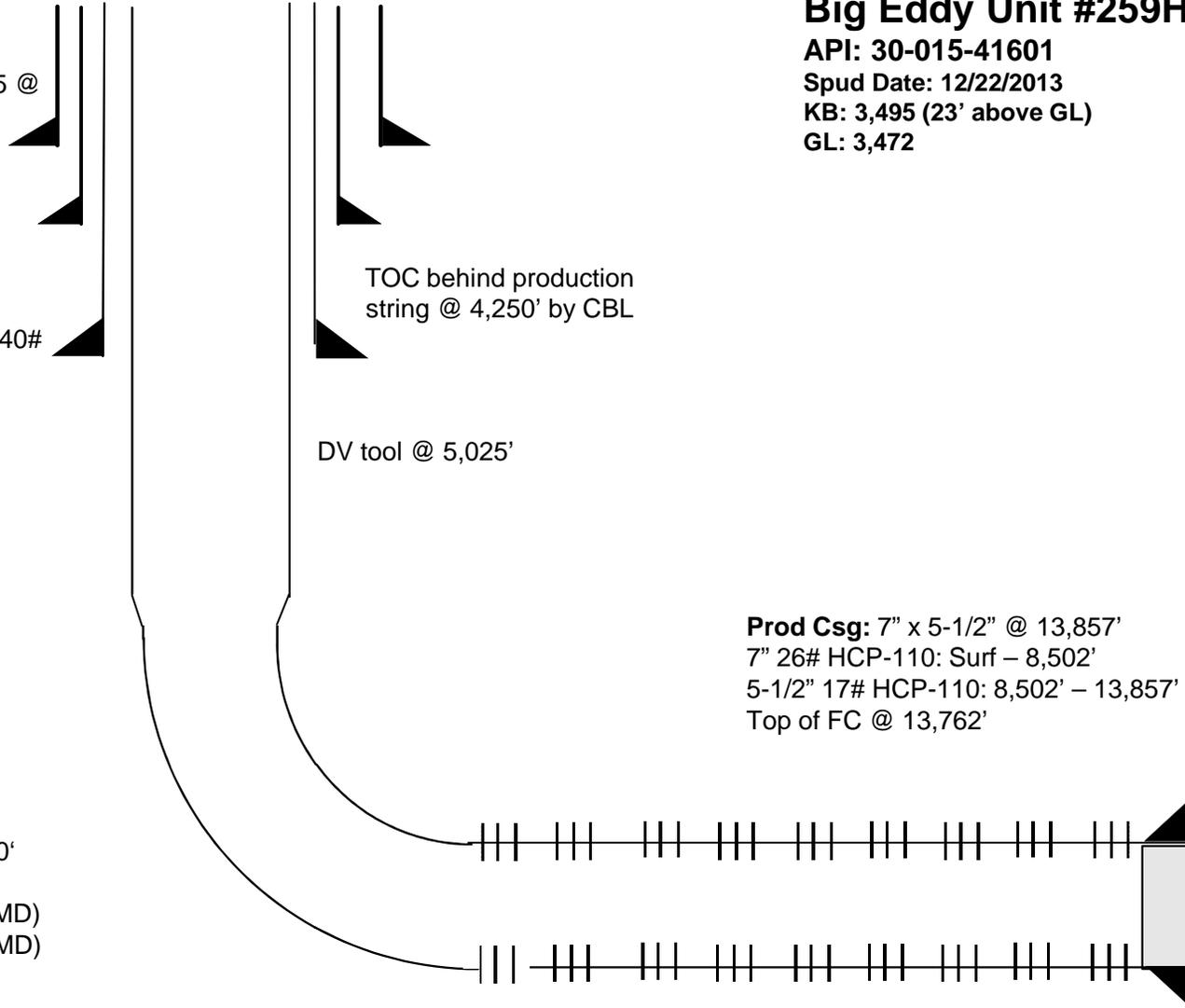
Intermediate 2: 9-5/8" 40# N-80 @ 4,256'

TOC behind production string @ 4,250' by CBL

DV tool @ 5,025'

Prod Csg: 7" x 5-1/2" @ 13,857'
7" 26# HCP-110: Surf – 8,502'
5-1/2" 17# HCP-110: 8,502' – 13,857'
Top of FC @ 13,762'

TVD of Lateral: ~9,160'
KOP @ 8,576'
50 degree @ 9,083' (MD)
90 degree @ 9,685' (MD)



Perforations: 9,319' – 13,821'; 16 clusters, 12 shots per cluster, 192 total holes, 6 SPF perf guns

Proposed Wellbore Diagram Big Eddy Unit #259H

API: 30-015-41601
Spud Date: 12/22/2013
KB: 3,495 (23' above GL)
GL: 3,472

Surface: 16", 84#, J-55 @ 946'

Intermediate 1: 13-3/8", 68#, HCL-80 @ 2,632'

Intermediate 2: 9-5/8" 40# N-80 @ 4,256'

TOC behind production string @ 4,250' by CBL

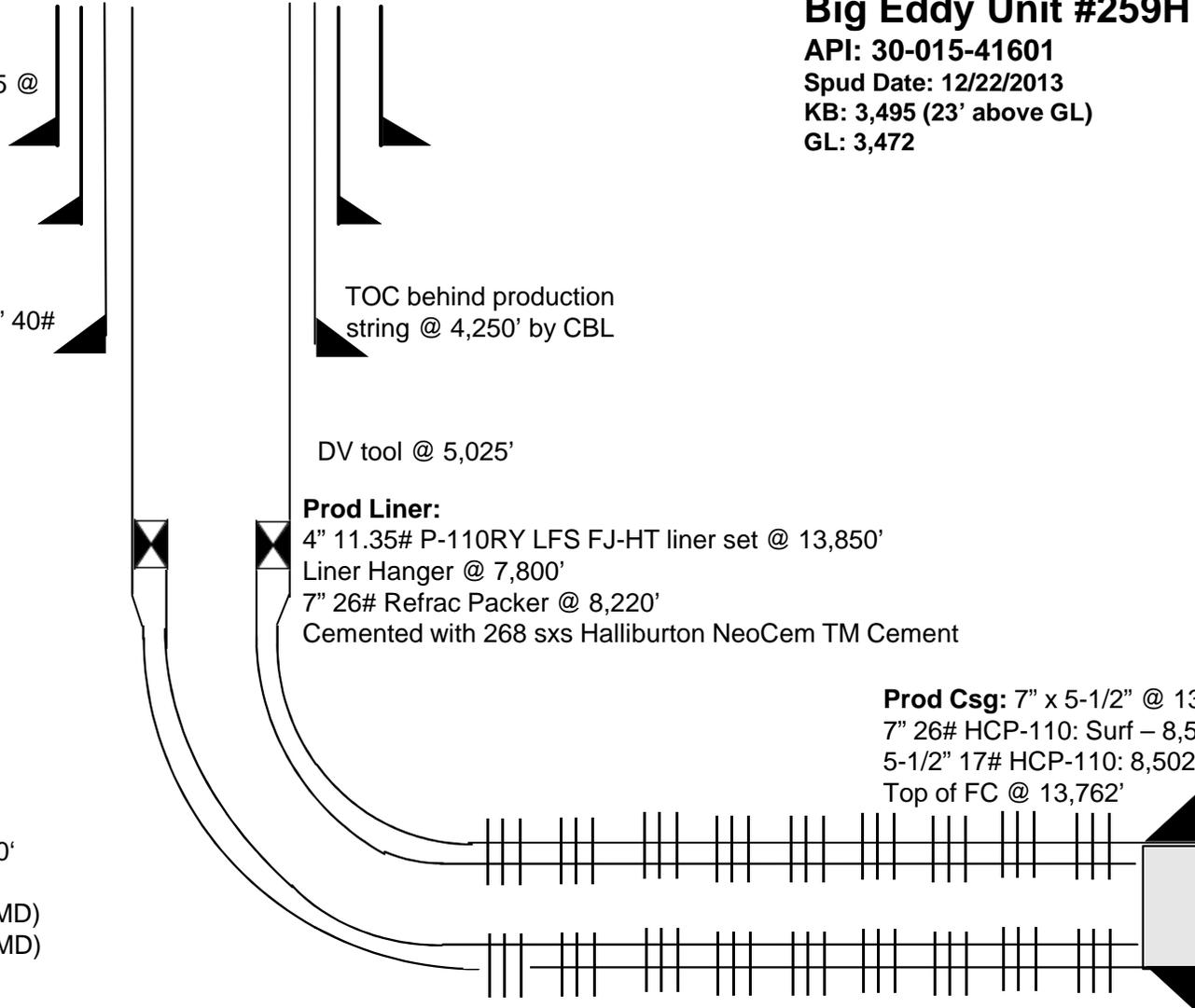
DV tool @ 5,025'

Prod Liner:

4" 11.35# P-110RY LFS FJ-HT liner set @ 13,850'
Liner Hanger @ 7,800'
7" 26# Refrac Packer @ 8,220'
Cemented with 268 sxs Halliburton NeoCem TM Cement

Prod Csg: 7" x 5-1/2" @ 13,857'
7" 26# HCP-110: Surf – 8,502'
5-1/2" 17# HCP-110: 8,502' – 13,857'
Top of FC @ 13,762'

TVD of Lateral: ~9,160'
KOP @ 8,576'
50 degree @ 9,083' (MD)
90 degree @ 9,685' (MD)



Perforations: 9,414' – 13,821'; 132 clusters, 4 shots per cluster, 528 total holes, 4 SPF perf guns

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

District I
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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT PRE-PERF PLAT

¹ API Number 30-015-41601	² Pool Code 96746	³ Pool Name HACKBERRY; BONE SPRING, EAST
⁴ Property Code 325496	⁵ Property Name BIG EDDY UNIT	⁶ Well Number 259H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,473'

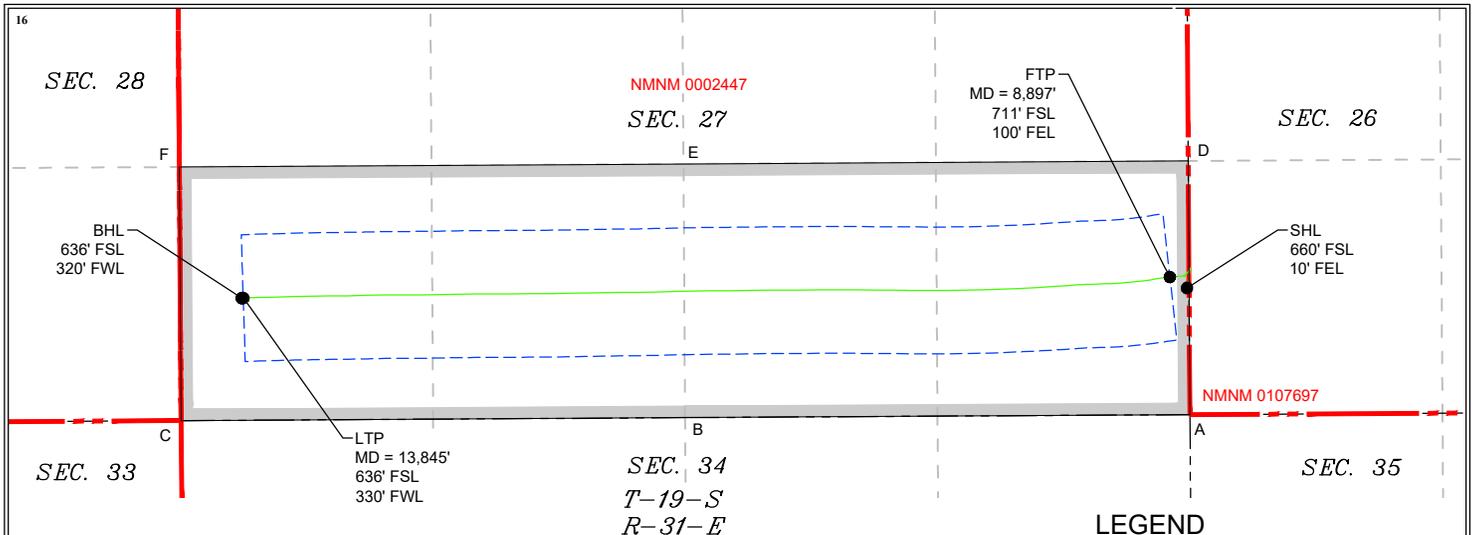
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	19S	31E		660	SOUTH	10	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	19S	31 E		636	SOUTH	320	WEST	EDDY
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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. NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY



COORDINATE TABLE	
SHL (NAD 83 NME) Y = 591,810.9 N X = 690,594.8 E LAT. = 32.626002 °N LONG. = 103.848519 °W	SHL (NAD 27 NME) Y = 591,748.7 N X = 649,416.4 E LAT. = 32.625883 °N LONG. = 103.848014 °W
FTP (NAD 83 NME) Y = 591,868.0 N X = 690,505.3 E LAT. = 32.626160 °N LONG. = 103.848809 °W	FTP (NAD 27 NME) Y = 591,805.7 N X = 649,326.9 E LAT. = 32.626041 °N LONG. = 103.848303 °W
LTP (NAD 83 NME) Y = 591,758.2 N X = 685,656.7 E LAT. = 32.625918 °N LONG. = 103.864559 °W	LTP (NAD 27 NME) Y = 591,696.1 N X = 644,478.2 E LAT. = 32.625799 °N LONG. = 103.864054 °W
BHL (NAD 83 NME) Y = 591,758.0 N X = 685,647.2 E LAT. = 32.625918 °N LONG. = 103.864590 °W	BHL (NAD 27 NME) Y = 591,695.8 N X = 644,468.8 E LAT. = 32.625798 °N LONG. = 103.864084 °W
CORNER COORDINATES (NAD 83 NME)	
A - Y = 591,151.6 N	A - X = 690,610.1 E
B - Y = 591,135.9 N	B - X = 687,968.5 E
C - Y = 591,120.5 N	C - X = 685,331.8 E
D - Y = 592,471.9 N	D - X = 690,601.4 E
E - Y = 592,456.2 N	E - X = 687,960.2 E
F - Y = 592,440.6 N	F - X = 685,322.5 E
CORNER COORDINATES (NAD 27 NME)	
A - Y = 591,089.4 N	A - X = 649,431.4 E
B - Y = 591,073.7 N	B - X = 646,789.8 E
C - Y = 591,058.3 N	C - X = 644,153.2 E
D - Y = 592,409.7 N	D - X = 649,423.0 E
E - Y = 592,394.0 N	E - X = 646,781.8 E
F - Y = 592,378.4 N	F - X = 644,144.1 E

¹⁷ OPERATOR CERTIFICATION
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.
Signature _____ Date _____ Printed Name _____
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION
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.
04-18-2023
Date of Survey _____
Signature and Seal of Professional Surveyor: _____
PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

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:** 10/05/2023

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

If Other, please describe: _____

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

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Big Eddy Unit 259H	30-015-41601	P-27-19S-31E	660'FSL & 10' FEL	1500	2500	1500

IV. Central Delivery Point Name: Big Eddy Hackberry 34 [See 19.15.27.9(D)(1) NMAC]

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

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Big Eddy Unit 259H	30-015-41601	12/21/2013	660'FSL & 10'FEL	1500	2500	1500

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

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

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

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

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

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

IX. Anticipated Natural Gas Production:

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

X. Natural Gas Gathering System (NGGS):

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

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

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

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

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

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

Section 3 - Certifications**Effective May 25, 2021**

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

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

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

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

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

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

Section 4 - Notices

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

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

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

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

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

Signature:

Kristen Houston

Printed Name: Kristen Houston

Title: Regulatory Analyst

E-mail Address: Kristen.houston@exxonmobil.com

Date: 10/05/2023

Phone: (505)320-3754

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. production tank batteries include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool in conjunction with the total number of wells planned to or existing within the facility. Separation equipment is upgraded prior to well being drilled or completed, if determined to be undersized or needed. The separation equipment is designed and built according to the relevant industry specifications (API Specification 12J and ASME Sec VIII Div I). Other recognized industry publications such as the Gas Processors Suppliers Association (GPSA) are referenced when designing separation equipment to optimize gas capture.

VII. Operational Practices:

1. Subsection B.
 - During drilling, flare stacks will be located a minimum of 150 feet from the nearest surface hole location. All gas is captured or combusted. If an emergency or malfunction occurs, gas will be flared or vented for public health, safety and the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
 - Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
2. Subsection C.
 - During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.

For emergencies, equipment malfunction, or if the operator decides to produce oil and gas during well completion:

- Flowlines will be routed for flowback fluids into a completion or storage tank and, if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
 - Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
3. Subsection D.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
 - Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.

- Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
4. Subsection E.
- All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
 - Flare stack was installed prior to May 25, 2021 but has been designed for proper size and combustion efficiency. Flare currently has a continuous pilot and is located more than 100 feet from any known well and storage tanks.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
5. Subsection F.
- Measurement equipment is installed to measure the volume of natural gas flared from process piping or a flowline piped from the equipment associated with a well and facility associated with the approved application for permit to drill that has an average daily production greater than 60 mcf of natural gas.
 - Measurement equipment installed is not designed or equipped with a manifold to allow diversion of natural gas around the metering equipment, except for the sole purpose of inspecting and servicing the measurement equipment, as noted in NMAC 19.15.27.8 Subsection G.

VIII. Best Management Practices:

1. During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.
2. Operator does not flow well (well shut in) during initial production until all flowlines, tank batteries, and oil/gas takeaway are installed, tested, and determined operational.
3. Operator equips storage tanks with an automatic gauging system to reduce venting of natural gas.
4. Operator reduces the number of blowdowns by looking for opportunities to coordinate repair and maintenance activities.
5. Operator combusts natural gas that would otherwise be vented or flared, when feasible.
6. Operator has a flare stack designed in accordance with need and to handle sufficient volume to ensure proper combustion efficiency. Flare stacks are equipped with continuous pilots and securely anchored at least 100 feet (at minimum) from storage tanks and wells.
7. Operator minimizes venting (when feasible) through pump downs of vessels and reducing time required to purge equipment before returning equipment to service.
8. Operator will shut in wells (when feasible) in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

VI. Separation Equipment:

XTO Permian Operating, LLC. production tank batteries include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool in conjunction with the total number of wells planned to or existing within the facility. Separation equipment is upgraded prior to well being drilled or completed, if determined to be undersized or needed. The separation equipment is designed and built according to the relevant industry specifications (API Specification 12J and ASME Sec VIII Div I). Other recognized industry publications such as the Gas Processors Suppliers Association (GPSA) are referenced when designing separation equipment to optimize gas capture.

VII. Operational Practices:

1. Subsection B.
 - During drilling, flare stacks will be located a minimum of 150 feet from the nearest surface hole location. All gas is captured or combusted. If an emergency or malfunction occurs, gas will be flared or vented for public health, safety and the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
 - Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
2. Subsection C.
 - During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.

For emergencies, equipment malfunction, or if the operator decides to produce oil and gas during well completion:

- Flowlines will be routed for flowback fluids into a completion or storage tank and, if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
 - Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
3. Subsection D.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
 - Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.

- Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.
- 4. Subsection E.
 - All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
 - Flare stack was installed prior to May 25, 2021 but has been designed for proper size and combustion efficiency. Flare currently has a continuous pilot and is located more than 100 feet from any known well and storage tanks.
 - At any point in the well life (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly (at minimum) to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
- 5. Subsection F.
 - Measurement equipment is installed to measure the volume of natural gas flared from process piping or a flowline piped from the equipment associated with a well and facility associated with the approved application for permit to drill that has an average daily production greater than 60 mcf of natural gas.
 - Measurement equipment installed is not designed or equipped with a manifold to allow diversion of natural gas around the metering equipment, except for the sole purpose of inspecting and servicing the measurement equipment, as noted in NMAC 19.15.27.8 Subsection G.

VIII. Best Management Practices:

1. During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.
2. Operator does not flow well (well shut in) during initial production until all flowlines, tank batteries, and oil/gas takeaway are installed, tested, and determined operational.
3. Operator equips storage tanks with an automatic gauging system to reduce venting of natural gas.
4. Operator reduces the number of blowdowns by looking for opportunities to coordinate repair and maintenance activities.
5. Operator combusts natural gas that would otherwise be vented or flared, when feasible.
6. Operator has a flare stack designed in accordance with need and to handle sufficient volume to ensure proper combustion efficiency. Flare stacks are equipped with continuous pilots and securely anchored at least 100 feet (at minimum) from storage tanks and wells.
7. Operator minimizes venting (when feasible) through pump downs of vessels and reducing time required to purge equipment before returning equipment to service.
8. Operator will shut in wells (when feasible) in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

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

CONDITIONS

Action 272896

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 272896
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Submit a SR on a Form C-103T once the work has been completed	10/26/2023