

RECEIVED: 12/20/19	REVIEWER:	TYPE: CTB	APP NO: pDM1936440923
--------------------	-----------	-----------	-----------------------

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Geological & Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: XTO Energy, Inc

OGRID Number: 5380

Well Name: Multiple Wells

API: Multiple

Pool: WC 025 G-08 S213304D; Bone Spring

Pool Code: 97895

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

A. ☐ Offset operators or lease holders

B. ☒ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☒ Notification and/or concurrent approval by SLO

E. ☒ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☒ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐ Notice Complete

☐ Application Content Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tracie J. Cherry, Regulatory Coordinator

Print or Type Name

Date

12/20/19

432-221-7379

Phone Number

tracie_cherry@xtoenergy.com

e-mail Address

Signature

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: XTO Energy, Inc (5380)
OPERATOR ADDRESS: 6401 Holiday Hill Rd. Bldg 5 Midland, TX 79707
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☒ No.
(4) Measurement type: ☐ Metering ☐ Other (Specify) _____
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved _____

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code. **WC-25 G-08 S213304D: Bone Spring (97895)**
(2) Is all production from same source of supply? ☒ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☒ Other (Specify) **Allocation by test**

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attach sheets with the following information

- (1) Is all production from same source of supply? ☒ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Tracie J. Cherry TITLE: Regulatory Coordinator DATE: 12/20/19
TYPE OR PRINT NAME Tracie J. Cherry TELEPHONE NO.: 432-221-7379

E-MAIL ADDRESS: tracie_cherry@xtoenergy.com

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018
5. Lease Serial No.
NMNM41769

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.	
2. Name of Operator XTO ENERGY INC		8. Well Name and No. SEVERUS 31 FEDERAL COM 001H	
3a. Address 6401 HOLIDAY HILL RD BLDG 5 MIDLAND, TX 79707		9. API Well No. 30-015-43415	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T20S R34E Mer NMP SWSE 129FSL 2212FEL		10. Field and Pool or Exploratory Area WC-25G-08 S213304D; B.S.	
Contact: TRACIE J CHERRY E-Mail: tracie_cherry@xtoenergy.com		11. County or Parish, State LEA COUNTY, NM	

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

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

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

XTO, Inc. respectfully submits this sundry notice to commingle oil and gas production at a common tank battery. Oil will be transported to, stored and sold from the Severus East tank battery via LACT unit into a pipeline. Gas will be transported to this location and sold at same.

Wells associated at this battery are:

Severus 31 Federal COM 1H / 30-025-43415
Severus 31 Federal COM 2H / 30-025-43416
Severus 31 Federal COM 3H / 30-025-43417
Severus 31 Federal COM 4H / 30-025-43418
Severus 31-5 Federal COM 9H / 30-025-46190
Severus 31-5 Federal COM 10H / 30-025-46375
Severus 31-5 Federal COM 11H / 30-025-46223

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #496835 verified by the BLM Well Information System
For XTO ENERGY INC, sent to the Carlsbad

Name (Printed/Typed)	TRACIE J CHERRY	Title	REGULATORY COORDINATOR
Signature	(Electronic Submission)	Date	12/20/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #496835 that would not fit on the form

32. Additional remarks, continued

Severus 31-5 Federal COM 12H / 30-025-46224
Severus 31-5 Federal COM 13H / 30-025-46375

NMOCD and SLO are being petitioned for like approval.

All required exhibits are attached to this sundry.

Proposal for Severus East Battery

XTO is requesting approval for Surface Commingle and Off-Lease measurement, sales and storage for the wells listed on the attached table.

Well Information and Lease Description

The Severus East Battery ("battery") will be used as a common tank battery for eight (8) wells. At this battery, six (6) wells will be in three Communitization Agreements (CA) that are comprised of identical percentages of Federal and State of New Mexico lands. Two (2) wells are situated entirely with the boundaries of BLM lease NMNM41769. All wells are completed in the Bone Spring formation.

The battery has four (4), 750 bbl oil tanks and four (4) 750 bbl produced water tanks on the location. The battery is located in SENW Sec 30 T20S-R34E. Oil from this facility is sent through a LACT into a pipeline. The gas from the battery is sent to DCP (DCP) through the gas sales meter on location.

Process Flow and Allocation Description

The flow of production is shown in detail on the enclosed facility diagram. A map is included with this application outlining lease/PA boundaries, location of wells and facility.

Under normal operating conditions, the well stream from each of the Severus Federal COM 1H, 2H, 3H, 9H, 10H and 11H wells flows from their respective locations to one of two headers (designated for only State/Federal mixed wells) located on the south side of the facility. Each header is configured to route production through either the main production train or through two identical test trains allowing for up to two wells to be in test at all times. The Severus Fed COM 4H and 12H wells are routed to a separate, header where each well then is routed to a dedicated metering separator. It is not possible for either the #4H or #12H wells to flow through the main production train or any other separation vessel designated for the state / fed mixed wells. All separation vessels are three phase.

State / Fed Mix Wells Oil Process Flow

As mentioned previously, wells 1H, 2H, 3H, 9H, 10H, and 11H can flow through the main production train or through two identical test trains during primary separation. It is during this process that oil from the wells in test is separated from the rest of the well stream and metered directly off the two separators through Coriolis test meters, DBNE00200 and DBNE00430. Oil from the wells that are not in test flows through the main production train (or free water knock-out "FWKO"). The separated oil from each test vessel and the FWKO then flows into a common oil line to the main heater treater for secondary separation and through Coriolis Metering System (CMS) #DBNE00300. The oil is then routed through the VRT and then to the oil tanks on location. CMS #DBNE00300 will be the designated FMP for oil produced from these wells.

Federal Wells Oil Process Flow

Wells 4H and 12H flow into a separate, dedicated header on the south side of the battery and are routed directly to two metering separators dedicated to each well. Here, the oil from each well is separated from the rest of the well stream and metered through two independent Coriolis test meters, DBNE00170 and DBNE00110. Then the oil is routed to a dedicated Federal heater treater and through CMS #DBNE00280. The oil is then routed through the common VRT and then to the oil tanks on location. CMS #DBNE00280 will be the designated FMP for oil produced from these wells.

Oil Process Allocation

Wells 4H and 12H are routed to dedicated metering separators and will be metered continuously. Production will be allocated daily using the readings from the Coriolis test meter (DBNE00170 and DBNE00110) reading and the FMP (#DBNE00280) dedicated to these wells.

Oil production from the remaining wells will be allocated by well test in accordance with Hearing NMOCD Order R-14299 and the included decline percentages. Production is allocated to each well based on the factor derived from the Coriolis test meter (DBNE00200 and DBNE00430) reading and the FMP for those wells (#DBNE00300).

All oil is sold through a LACT meter DBNE0022OL directly into the pipeline. The LACT meter is proven quarterly.

Gas Process Flow

Gas production from the wells also flows to this battery and follows a similar separation, metering and allocation process as oil.

Gas from the wells in the main production train is separated from the well stream at the main FWKO and main heater treater. The gas from each vessel is gathered in a common gas line which is then routed to the sales scrubber and then the battery check meter (DBNE0027G).

Gas from the wells in test flows through two independent test meters, DBNE0019G and DBNE0041G. After metering, the gas is routed to a common gas line and routed to the battery check meter.

Gas from the Fed COM 4H and 12H is metered directly off of their dedicated metering separators, DBNE0008G and DBNE0016G. The gas from the separators then joins the gas from the main production train in a common gas line which is then routed to the sales scrubber and battery check meter.

Gas production is allocated daily using the factor derived from the volumes recorded on the four test meters (DBNE0019G, DBNE0041G, DBNE0008G, and DBNE0016G) and check meter (DBNE0027G). All EFM gas meters are installed and calibrated per API and 43 CFR 3174 requirements. The check meter (DBNE0027G) will be the designated FMP for gas at this facility.

During emergency situations or pipeline restrictions, gas can be diverted to one of two metered flares on location.

Water production is measured using mag meters located off the test separators and main separators. The water is discharged into a common water line to travel to the water tanks where it is stored until it enters the SWD system.

This facility is currently undergoing construction. Minor changes in equipment layout or meter numbers will be reflected in with the final site facility diagram.

Summary:

The proposed commingling and allocation will not result in reduced royalty or improper measurement of production. Commingling of oil and gas production is necessary for the ultimate recovery of the minerals in place and to minimize waste. The proposed commingling will also reduce the surface facility footprint and overall emissions.

XTO PERMIAN OPERATING, L.P. understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners will be notified of this proposal via certified mail.

The BLM and NMOCD will be notified of any future changes in the facilities.

Federal Lease: NMNM139265 CA NMNM41769 (160 ac) 12.5% Fed Royalty State of NM VB20640000 (79.04 ac)					
Well Name (Property Code)	API	Loc ¼, ¼, Sec. Twp, Rng	Pool (NMOCD Pool Code)	BOPD	MCFPD
Severus 31 Federal COM 1H (316800)	30-025-43415	SHL: SWSW Sec 30 20S-34E BHL: SWNE Sec 05 21S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	878	1761
Severus 31-5 Federal COM 9H* (325914)	30-025-46190	SHL: SWSW Sec 30 20S-34E BHL: SWNE Sec 05 21S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	921	691

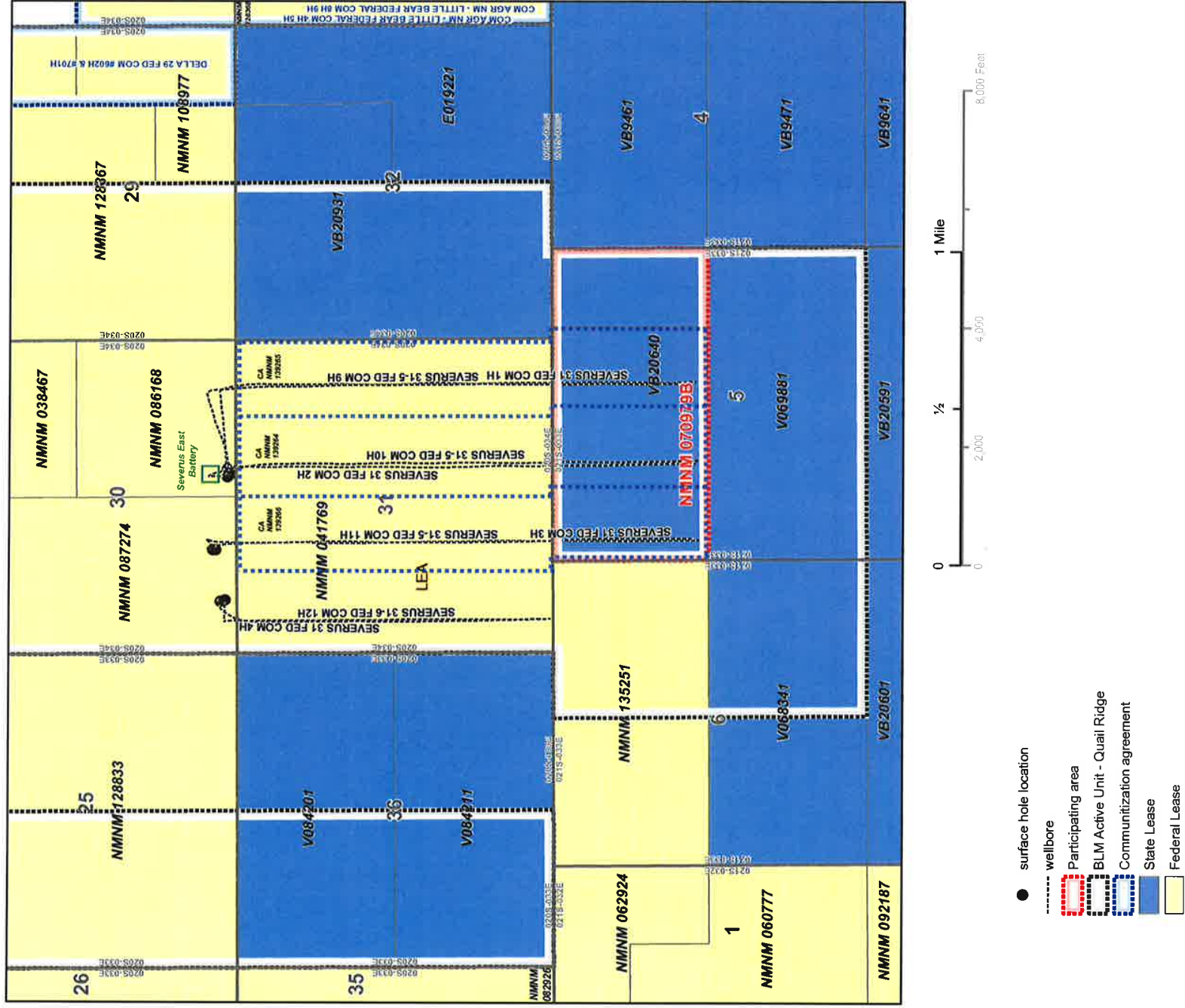
Federal Lease NMNM139264 CA NMNM41764 (160 ac) 12.5% Fed Royalty State of NM VB20640000 (79.04 ac)					
Well Name (Property Code)	API	Loc ¼, ¼, Sec. Twp, Rng	Pool (NMOCD Pool Code)	BOPD	MCFPD
Severus 31 Federal COM 2H (316800)	30-025-43416	SHL: SWSE Sec 30 20S-34E BHL: SENW Sec 05 21S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	1570	1405
Severus 31-5 Federal COM 10H* (325914)	30-025-46375	SHL: SWSE Sec 30 20S-34E BHL: SENW Sec 05 21S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	921	691

Federal Lease NMNM139266 CA NMNM41764 (160 ac) 12.5% Fed Royalty State of NM VB20640000 (79.04 ac)					
Well Name (Property Code)	API	Loc ¼, ¼, Sec. Twp, Rng	Pool (NMOCD Pool Code)	BOPD	MCFPD
Severus 31 Federal COM 3H (316800)	30-025-43417	SHL: SESW Sec 30 20S-34E BHL: SWNW Sec 0521S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	1609	1720
Severus 31-5 Federal COM 11H* (325914)	30-025-46223	SHL: SESW Sec 30 20S-34E BHL: SWNW Sec 0521S-33E	WC-025 G-08 S213304D; Bone Spring (97895)	921	691

Federal Lease NMNM041769 12.5% Fed Royalty					
Well Name (Property Code)	API	Loc ¼, ¼, Sec. Twp, Rng	Pool (NMOCD Pool Code)	BOPD	MCFPD
Severus 31 Federal COM 4H (316800)	30-025-43418	SHL: SWSW Sec 30 20S-34E BHL: SWSW Sec 31 20S-34E	WC-025 G-08 S213304D; Bone Spring (97895)	721	941
Severus 31-5 Federal COM 12H* (325914)	30-025-46224	SHL: SWSW Sec 30 20S-34E BHL: SWSW Sec 31 20S-34E	WC-025 G-08 S213304D; Bone Spring (97895)	614	461

*Wells drilled, not completed at this time. Production volumes given for these wells are estimated.


XTO ENERGY, INC
SEVERUS EAST TANK BATTERY
LEA CO., NM



CERTIFIED MAILING LIST
XTO ENERGY, INC
SEVERUS EAST TANK BATTERY

Certified Mailing #		Name		Address		City	State	Zip
7016	1970 0000 4404 3152	JAMES W NOHL		1110 REDDING DR		TROY	MI	48098
7017	2400 0001 0139 1792	SANBORN TRUST		936 INTRACOASTAL DR APT 11E		FORT LAUDERD	FL	33304
7017	2400 0001 0139 1808	BLUE DOOR INC		555 17TH ST STE 1400		DENVER	CO	80202
7017	2400 0001 0139 1815	HAYES REVOCABLE TRUST		3608 MEADOWBRIDGE LN		MIDLAND	TX	79707
7017	2400 0001 0139 1822	NEW MEXICO COMMISSIONER OF PUBLIC LANDS		310 OLD SANTA FE TRAIL		SANTA FE	NM	87501
7014	2400 0001 0139 1839	ADVANCE ENERGY PARTNERS HAT MESA LLC		11490 WESTHEIMER RD STE 950		HOUSTON	TX	77077

I, Tracie J Cherry, do hereby certify the interest owners for the well(s) in the Severus East Tank Battery were furnished a copy of XTO's application, via certified mail on this date.

Signed: 
Tracie J. Cherry
Regulatory Coordinator
Date: 12/20/19



Date: December 20, 2019
To: Dean McClure
From: Stephanie Martin
Re: Forecasted Declines: Severus
Existing Severus Producers: Severus 31 Federal Com #1H, 2H, 3H, and 4H
Proposed Severus Producers: Severus 31 Federal Com #9H, 10H, 11H, and 12H
Lea County, New Mexico

Regarding the application for a pool/lease commingle for the Severus wells, the production decline of the wells is in accordance with the production decline.

The ranges of decline and recommended testing schedule is:

- Four well tests per month while the decline rate is between 30-20% per month
- Three well tests per month while the decline rate is between 20-13% per month
- Two well tests per month while the decline rate is between 13-6% per month
- One well tests per month while the decline rate is between <6% per month

Four of the eight subject wells are mature producers --- Severus 31 Federal Com #1H, 2H, 3H, and 4H (3rd Bone Spring Sand) have been on production an average of 18 months and have a current monthly decline of 6% or less. Therefore the recommended testing frequency for commingling per the well test method for these wells will be at least once a month for 24 hours.

The other remaining four wells attached to this forecast have been drilled but yet to be put online. Average type curves for 7.5k ft 2nd Bone Spring Sand wells are shown on page 2. Summary detail of decline parameters for each of the eight wells are also captured in tabular format and is shown on page 3.

Stephanie Martin

Stephanie Martin

Reservoir Engineer

Delaware Basin Subsurface Team

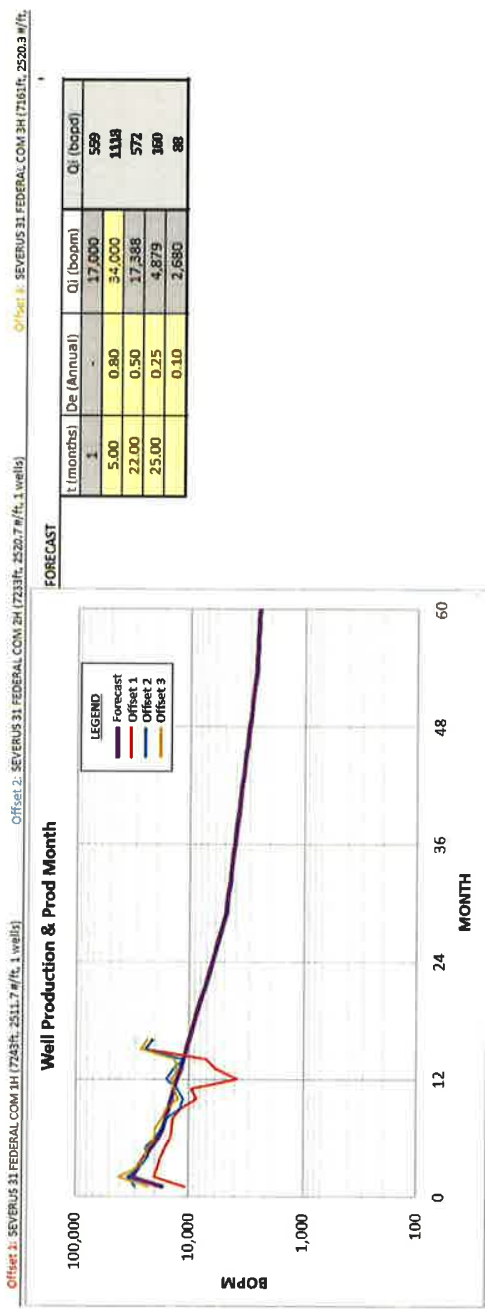


Figure 1: 3 Step Exponential Decline Curve for Severus (#1H, 2H, and 3H) 3rd BS Sand 7.5k ft

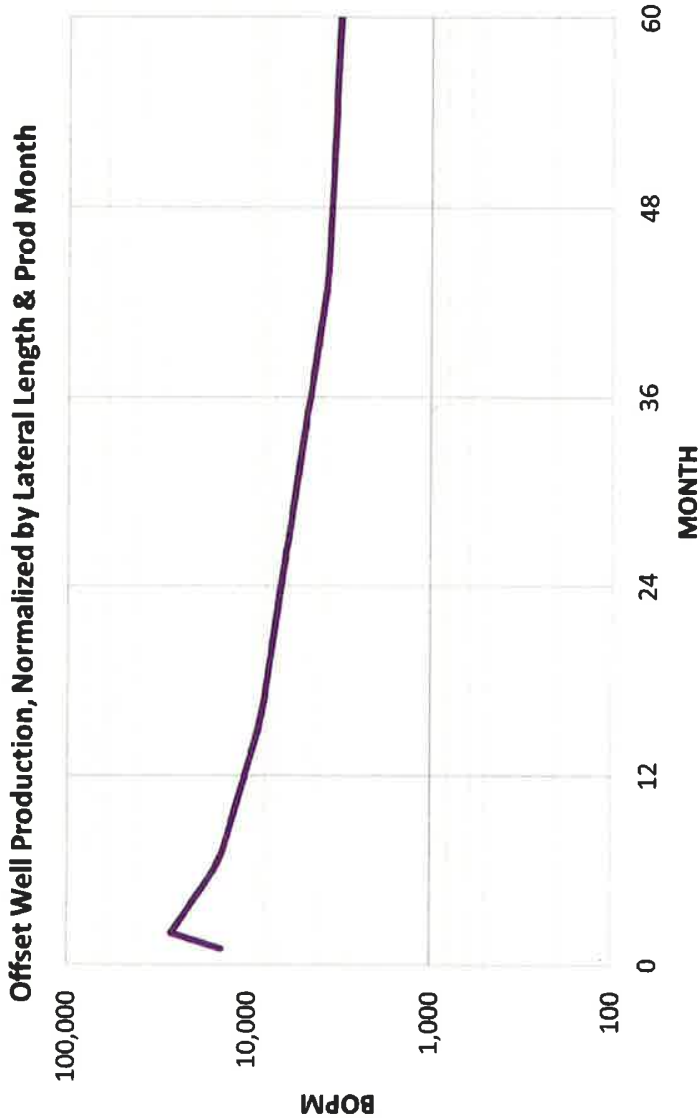


Figure 2: 3 Step Exponential Decline Forecast for Severus 2nd BS Sand 7.5k ft

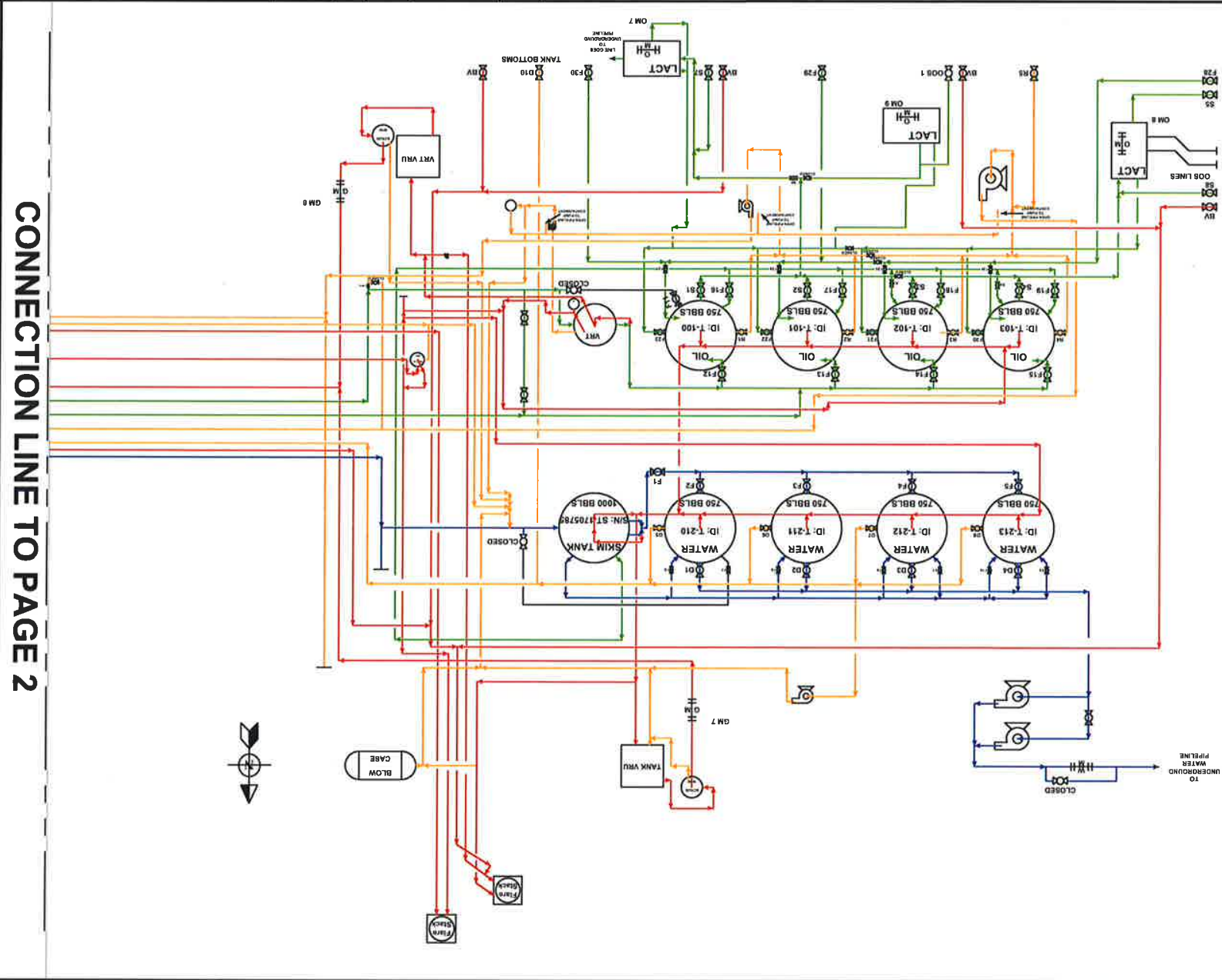
Table 1.: Forecast Parameter for Severus 2nd BS Sand 7.5k ft

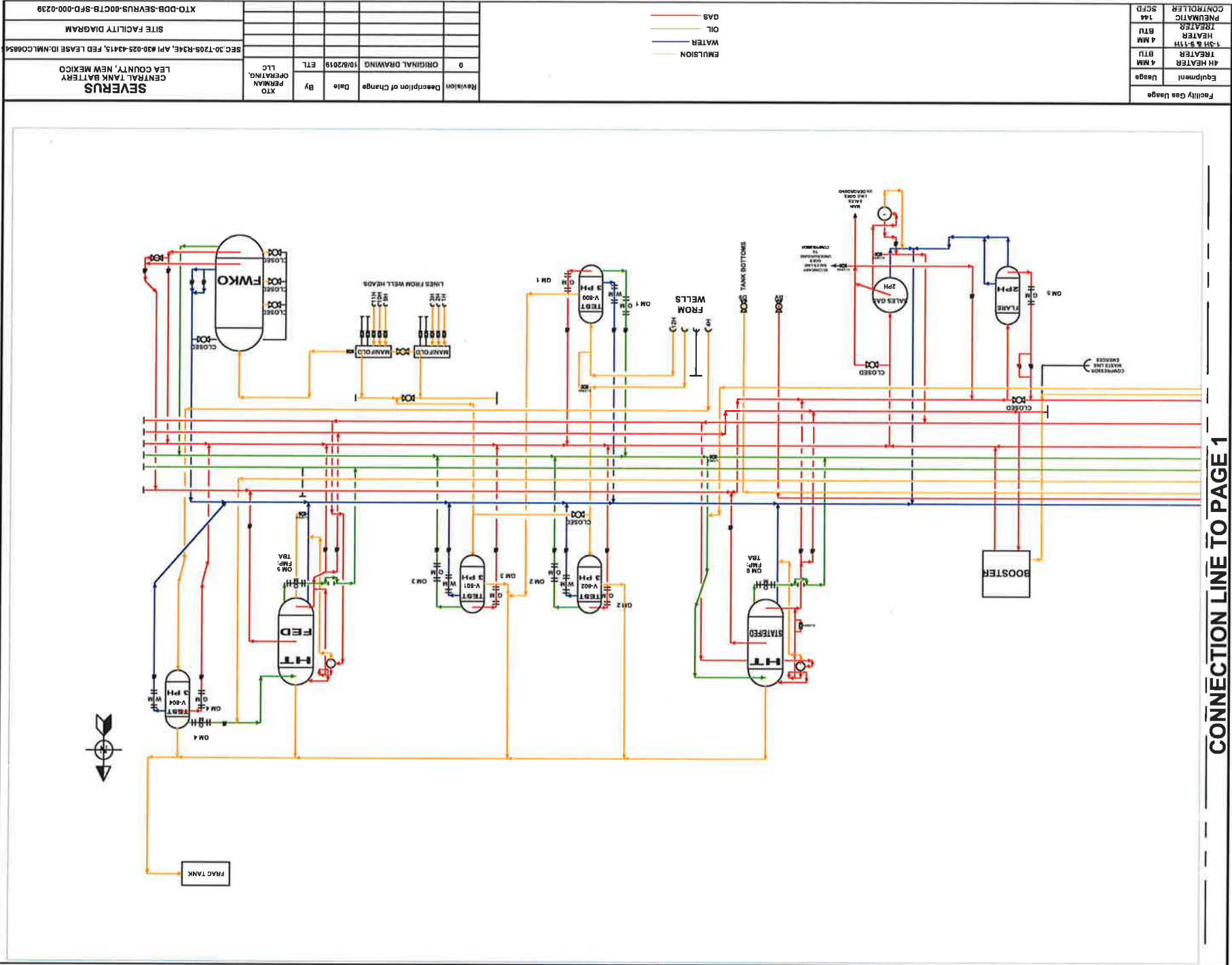
t (months)	De (Annual)	Qi (bopm)	Qi (bopd)
1	-	14,000	460
5.00	0.80	28,000	921
9.00	0.50	14,319	471
28.00	0.30	8,514	280
	0.10	3,704	122

AFE Number	Well Name	API	Zone	Gross Lateral	Length, ft	1st Month	Months	Bopd	Mcfpd	Est or Actual Rates	Range	Testing Frequency
1309728	Severus 31 Federal Com	30-025-43415	3BS	7,243		Jun-18	18	878	1,761	Actual	3	Test monthly for 24 hours
1309729	Severus 31 Federal Com	30-025-43416	3BS	7,233		Jun-18	18	1,570	1,405	Actual	3	Test monthly for 24 hours
1409568	Severus 31 Federal Com	30-025-43417	3BS	7,161		Jun-18	18	1,609	1,720	Actual	3	Test monthly for 24 hours
1409569	Severus 31 Federal Com	30-025-43418	3BS	4,591		Jul-18	17	721	941	Actual	3	Test daily for 24 hours (dedicated tester)
1603772	Severus 31-5 Federal Com	30-025-46190	2BS	7,239		-	-	921	691	Estimated	-	-
1603773	Severus 31-5 Federal Com	30-025-46375	2BS	7,527		-	-	921	691	Estimated	-	-
1603774	Severus 31-5 Federal Com	30-025-46223	2BS	7,603		-	-	921	691	Estimated	-	-
1603775	Severus 31-5 Federal Com	30-025-46224	2BS	4,694		-	-	614	461	Estimated	-	Test daily for 24 hours (dedicated tester)

Table 2: Summary Detail for Severus Wells

Revision	0	ORIGINAL DRAWING	10/20/19	ETL	By	PERMANO, JOSEPH A. LLC	SEC.38-T20S-R34E, APN 830-024-03415, FEEB LEASE ID:NMCLC08854 CENTRAL JANK BATTERY SEVERUS LAKE COUNTY, NEW MEXICO	SITE FACILITY DIAGRAM	XT0-DOB-SEVRUS-00CTB-SFD-000-00239
----------	---	------------------	----------	-----	----	------------------------------	---	-----------------------	------------------------------------





CONNECTION LINE TO PAGE 1

LACT Valve Phase Details		Valve ID	Fill	Recycle	Salt/Drain	F1-10	F1-27	P28-30	S1-8	D1-4	D5-10	R1-5	E1-4	OOS 1	O-Open, O/O=Open Opn, C-Closed, O/C=Open or Closed
						O/C	S/C	S/C	S/C	O/C	O/C	O/C	O/C	S/C	

[illegible]

Well	Prod. Start
------	-------------

1

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

Form C-102
Revised August 1, 2011

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

Submit one copy to appropriate
District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

1 API Number 30- 025- 43415		2 Pool Code 97895		3 Pool Name WC- 025 G08 S213304D	
4 Property Code		5 Property Name SEVERUS 31 FEDERAL COM		6 Well Number IH	
7 OGRID No. 005380		8 Operator Name XTO ENERGY, INC.		9 Elevation 3,699'	

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
O	30	20 S	34 E		129	SOUTH	2,212	EAST	LEA

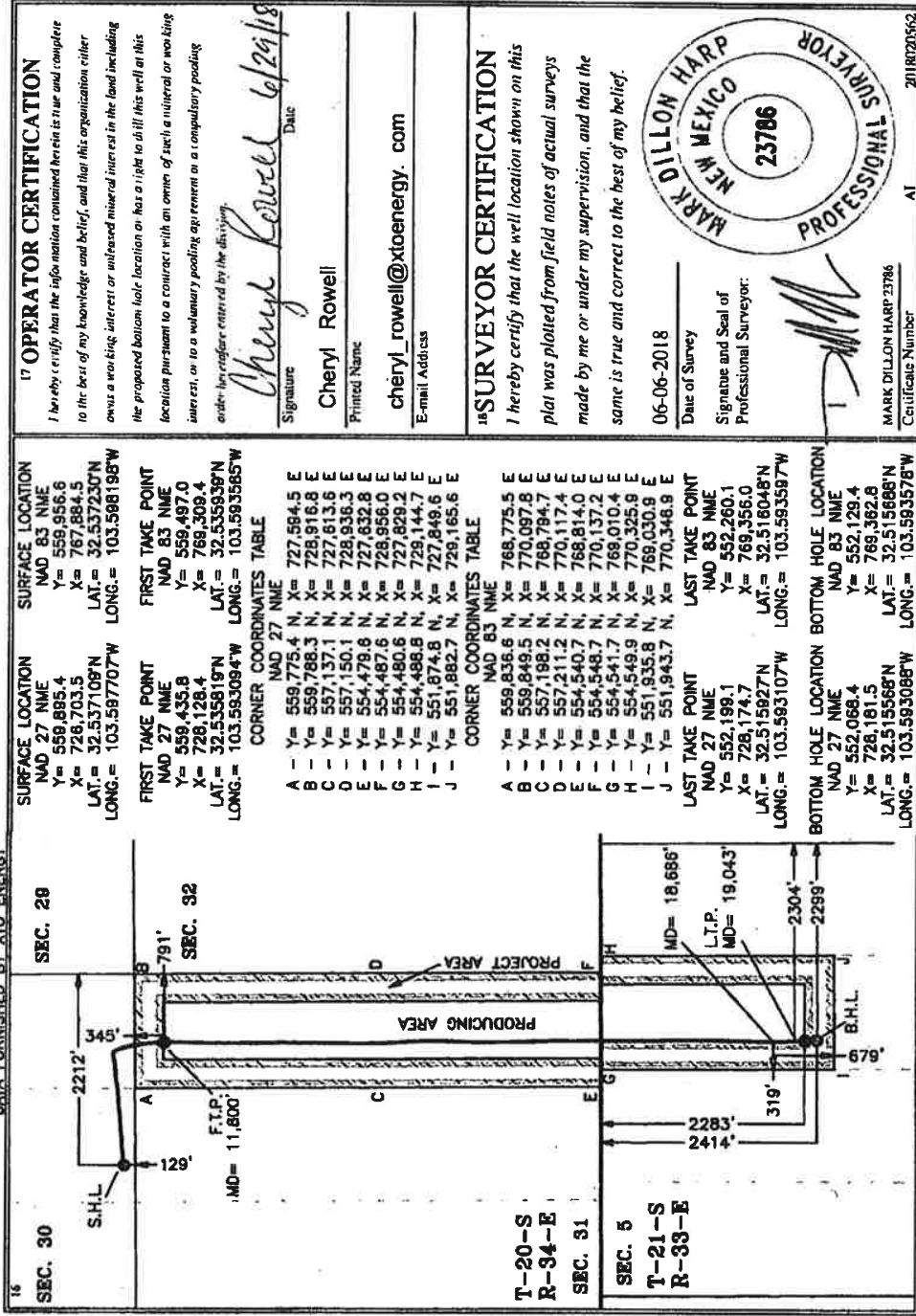
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
7	5	21 S	33 E		2,414	NORTH	2,299	EAST	LEA

12 Dedicated Acres 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



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) 748-0720
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 AS-DRILLED PLAT

¹ API Number 30- 025- 43416	² Pool Code 97895	³ Pool Name WC- 025 G- 08 S2 13304D
⁴ Property Code	⁵ Property Name SEVERUS 31 FEDERAL COM	⁶ Well Number 2H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,699'

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
O	30	20 S	34 E		129	SOUTH	2,262	EAST	LEA

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
6	5	21 S	33 E		2,403	NORTH	1,666	WEST	LEA
¹² Dedicated Acres	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

<p>16</p>		<p>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 in, or unleased mineral interest in the land in which 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, hereinafter entered by the division.</p> <p><i>Cheryl Rowell</i> 6/29/18 Signature Date</p> <p>CHERYL ROWELL Printed Name</p> <p>CHERYL_ROWELL@XTOENERGY.COM E-mail Address</p>
<p>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.</p> <p>06-06-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i></p> <p>MARK DILLON HARP 23786 Certificate Number</p>		<p>19 SURFACE LOCATION NAD 83 NME A - Y= 559,775.4 N, X= 727,594.5 E B - Y= 559,762.5 N, X= 726,272.2 E C - Y= 557,137.1 N, X= 727,613.6 E D - Y= 557,124.0 N, X= 726,290.8 E E - Y= 554,478.6 N, X= 727,632.8 E F - Y= 554,473.0 N, X= 726,308.6 E G - Y= 554,480.6 N, X= 727,829.2 E H - Y= 554,474.0 N, X= 726,513.8 E I - Y= 551,874.8 N, X= 727,849.6 E J - Y= 551,856.4 N, X= 726,533.6 E</p> <p>20 FIRST TAKE POINT NAD 83 NME A - Y= 559,433.5 B - Y= 559,433.5 C - Y= 559,433.5 D - Y= 559,433.5 E - Y= 559,433.5 F - Y= 559,433.5 G - Y= 559,433.5 H - Y= 559,433.5 I - Y= 559,433.5 J - Y= 559,433.5</p> <p>21 CORNER COORDINATES TABLE NAD 83 NME A - Y= 559,775.4 N, X= 727,594.5 E B - Y= 559,762.5 N, X= 726,272.2 E C - Y= 557,137.1 N, X= 727,613.6 E D - Y= 557,124.0 N, X= 726,290.8 E E - Y= 554,478.6 N, X= 727,632.8 E F - Y= 554,473.0 N, X= 726,308.6 E G - Y= 554,480.6 N, X= 727,829.2 E H - Y= 554,474.0 N, X= 726,513.8 E I - Y= 551,874.8 N, X= 727,849.6 E J - Y= 551,856.4 N, X= 726,533.6 E</p> <p>22 LAST TAKE POINT NAD 83 NME A - Y= 559,836.8 N, X= 768,775.5 E B - Y= 559,823.7 N, X= 767,453.2 E C - Y= 557,188.2 N, X= 768,794.7 E D - Y= 557,185.2 N, X= 767,472.0 E E - Y= 554,540.7 N, X= 768,814.0 E F - Y= 554,534.1 N, X= 767,490.8 E G - Y= 554,531.7 N, X= 769,010.4 E H - Y= 554,535.1 N, X= 767,695.0 E I - Y= 551,935.8 N, X= 769,030.9 E J - Y= 551,920.4 N, X= 767,714.8 E</p> <p>23 LAST TAKE POINT NAD 83 NME A - Y= 552,205.0 B - Y= 552,205.0 C - Y= 552,205.0 D - Y= 552,205.0 E - Y= 552,205.0 F - Y= 552,205.0 G - Y= 552,205.0 H - Y= 552,205.0 I - Y= 552,205.0 J - Y= 552,205.0</p> <p>24 BOTTOM HOLE LOCATION NAD 83 NME A - Y= 552,073.3 B - Y= 552,073.3 C - Y= 552,073.3 D - Y= 552,073.3 E - Y= 552,073.3 F - Y= 552,073.3 G - Y= 552,073.3 H - Y= 552,073.3 I - Y= 552,073.3 J - Y= 552,073.3</p>

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

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

District III
1000 Rio Brazos Road, Abiquiu, 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

Form C-102

Energy, Minerals & Natural Resources Department

Revised August 1, 2011

OIL CONSERVATION DIVISION

Submit one copy to appropriate

1220 South St. Francis Dr.

District Office

Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

1 API Number 30- 025- 43417	2 Pool Code 97895	3 Pool Name WC025 G08 S213304D; Bone Spring
4 Property Code	5 Property Name SEVERUS 31 FEDERAL COM	6 Well Number 3H
7 OGRID No. 005380	8 Operator Name XTO ENERGY, INC.	9 Elevation 3,687'

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
N	30	20 S	34 E		386	SOUTH	1,750	WEST	LEA

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
5	5	21 S	33 E		2,356	NORTH	366	WEST	LEA

12 Dedicated Acres

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

		<p>17 OPERATOR CERTIFICATION</p> <p>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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well on 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.</p> <p>Signature: <u>Cheryl Rowell</u> Date: <u>6/29/18</u></p> <p>Printed Name: CHERYL ROWELL</p> <p>E-mail Address: cheryl_rowell@xtoenergy.com</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey: 06-28-2018</p> <p>Signature and Seal of Professional Surveyor: <u>Mark Dillon HARP</u></p> <p>Professional Surveyor: MARK DILLON HARP 23786</p> <p>Certificate Number: 2018020796</p>		<p>19 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey: 06-28-2018</p> <p>Signature and Seal of Professional Surveyor: <u>Mark Dillon HARP</u></p> <p>Professional Surveyor: MARK DILLON HARP 23786</p> <p>Certificate Number: 2018020796</p>

RECEIVED

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

State of New Mexico
AUG 03 2018
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
DISTRICT OFFICE-ARTESIA O.C.D.
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

1 APT Number 30-025-43418	2 Pool Code 97895	3 Pool Name WC-025 G08 S213304D;BS
4 Property Code 005380	5 Property Name SEVERUS 31 FEDERAL COM	6 Well Number 4H
7 OGRID No. 005380	8 Operator Name XTO ENERGY, INC.	9 Elevation 3,687'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
4	30	20 S	34 E		40239	SOUTH	897	WEST	LEA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
4	31	20 S	34 E		216	SOUTH	579	WEST	LEA

13 Dedicated Acres **160**

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

<p>16</p>		<p>17 OPERATOR CERTIFICATION</p> <p>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 on 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.</p> <p><i>Cheryl Rowell 7/30/18</i> Signature Cheryl Rowell Printed Name <i>cheryl_rowell@xtoenergy.com</i> E-mail Address</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>07-30-2018 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number 2018020795 AI</p>		<p>19 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>07-30-2018 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number 2018020795 AI</p>

District I

1623 N. French Dr., Bldg. 2240

Phone: (505) 393-0720

District II

811 S. First St., Artesia, NM 87003

Phone: (505) 748-1283

District III

1000 Rio Brazos Road, Aztec, NM 87004

Phone: (505) 334-6178

District IV

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

Phone: (505) 476-3460

District I

1623 N. French Dr., Bldg. 2240

Phone: (505) 393-0720

District II

811 S. First St., Artesia, NM 87003

Phone: (505) 748-1283

District III

1000 Rio Brazos Road, Aztec, NM 87004

Phone: (505) 334-6178

District IV

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

Phone: (505) 476-3460

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

District II
811 S. First St., Arceia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

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 **HOBBS OCD**
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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46190	² Pool Code 97895	³ Pool Name WC-025 6-08 5213304D; B3
⁴ Property Code 324914	⁵ Property Name SEVERUS 31-5 FEDERAL COM	⁶ Well Number 9H
⁷ GRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,699'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	East/West line	County
O	30	20 S	34 E	80	SOUTH	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	East/West line	County
B(1)	5	21 S	33 E	7	NORTH	EAST	LEA

¹² Dedicated Acres 240

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.

<p>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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well on 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 hereafter entered by the division.</p> <p><u>Stephanie Rabadue</u> 12/28/2018 Signature Date</p> <p><u>Stephanie Rabadue</u> Printed Name</p> <p><u>stephanie_rabadue@xtoenergy.com</u> E-mail Address</p>		<p>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.</p> <p>12-27-2018 Date of Survey</p> <p><u>[Signature]</u> Signature and Seal of Professional Surveyor:</p> <p>MARK DILLON HARP NEW MEXICO 25786 PROFESSIONAL SURVEYOR</p> <p>MARK DILLON HARP 25786 Certificate Number JC 2018112855</p>																																									
<p>CORNER COORDINATES TABLE MAD 83 NME</p> <table border="1"> <tr><td>A</td><td>Y= 559,836.5 N, X= 768,777.5 E</td></tr> <tr><td>B</td><td>Y= 559,849.5 N, X= 770,097.8 E</td></tr> <tr><td>C</td><td>Y= 557,198.2 N, X= 768,796.1 E</td></tr> <tr><td>D</td><td>Y= 557,211.2 N, X= 770,117.4 E</td></tr> <tr><td>E</td><td>Y= 554,542.9 N, X= 768,815.5 E</td></tr> <tr><td>F</td><td>Y= 554,551.4 N, X= 770,138.5 E</td></tr> <tr><td>G</td><td>Y= 554,544.2 N, X= 768,010.8 E</td></tr> <tr><td>H</td><td>Y= 554,552.8 N, X= 770,328.2 E</td></tr> <tr><td>I</td><td>Y= 551,838.3 N, X= 769,029.8 E</td></tr> <tr><td>J</td><td>Y= 551,844.4 N, X= 770,346.5 E</td></tr> </table>		A	Y= 559,836.5 N, X= 768,777.5 E	B	Y= 559,849.5 N, X= 770,097.8 E	C	Y= 557,198.2 N, X= 768,796.1 E	D	Y= 557,211.2 N, X= 770,117.4 E	E	Y= 554,542.9 N, X= 768,815.5 E	F	Y= 554,551.4 N, X= 770,138.5 E	G	Y= 554,544.2 N, X= 768,010.8 E	H	Y= 554,552.8 N, X= 770,328.2 E	I	Y= 551,838.3 N, X= 769,029.8 E	J	Y= 551,844.4 N, X= 770,346.5 E	<p>CORNER COORDINATES TABLE MAD 27 NME</p> <table border="1"> <tr><td>A</td><td>Y= 559,773.3 N, X= 777,898.5 E</td></tr> <tr><td>B</td><td>Y= 559,755.3 N, X= 778,918.8 E</td></tr> <tr><td>C</td><td>Y= 557,150.1 N, X= 770,818.0 E</td></tr> <tr><td>D</td><td>Y= 557,150.1 N, X= 770,818.0 E</td></tr> <tr><td>E</td><td>Y= 554,480.8 N, X= 768,834.3 E</td></tr> <tr><td>F</td><td>Y= 554,480.3 N, X= 770,857.3 E</td></tr> <tr><td>G</td><td>Y= 554,483.1 N, X= 777,829.4 E</td></tr> <tr><td>H</td><td>Y= 554,491.5 N, X= 778,145.0 E</td></tr> <tr><td>I</td><td>Y= 551,873.3 N, X= 777,848.5 E</td></tr> <tr><td>J</td><td>Y= 551,883.4 N, X= 778,163.2 E</td></tr> </table>		A	Y= 559,773.3 N, X= 777,898.5 E	B	Y= 559,755.3 N, X= 778,918.8 E	C	Y= 557,150.1 N, X= 770,818.0 E	D	Y= 557,150.1 N, X= 770,818.0 E	E	Y= 554,480.8 N, X= 768,834.3 E	F	Y= 554,480.3 N, X= 770,857.3 E	G	Y= 554,483.1 N, X= 777,829.4 E	H	Y= 554,491.5 N, X= 778,145.0 E	I	Y= 551,873.3 N, X= 777,848.5 E	J	Y= 551,883.4 N, X= 778,163.2 E
A	Y= 559,836.5 N, X= 768,777.5 E																																										
B	Y= 559,849.5 N, X= 770,097.8 E																																										
C	Y= 557,198.2 N, X= 768,796.1 E																																										
D	Y= 557,211.2 N, X= 770,117.4 E																																										
E	Y= 554,542.9 N, X= 768,815.5 E																																										
F	Y= 554,551.4 N, X= 770,138.5 E																																										
G	Y= 554,544.2 N, X= 768,010.8 E																																										
H	Y= 554,552.8 N, X= 770,328.2 E																																										
I	Y= 551,838.3 N, X= 769,029.8 E																																										
J	Y= 551,844.4 N, X= 770,346.5 E																																										
A	Y= 559,773.3 N, X= 777,898.5 E																																										
B	Y= 559,755.3 N, X= 778,918.8 E																																										
C	Y= 557,150.1 N, X= 770,818.0 E																																										
D	Y= 557,150.1 N, X= 770,818.0 E																																										
E	Y= 554,480.8 N, X= 768,834.3 E																																										
F	Y= 554,480.3 N, X= 770,857.3 E																																										
G	Y= 554,483.1 N, X= 777,829.4 E																																										
H	Y= 554,491.5 N, X= 778,145.0 E																																										
I	Y= 551,873.3 N, X= 777,848.5 E																																										
J	Y= 551,883.4 N, X= 778,163.2 E																																										
<p>GRID DATA GRID AZ=105°35'00" HORIZ. DIST=1,474.23' T208 B34B SEC.31</p> <p>GRID DATA GRID AZ=179°35'38" HORIZ. DIST=7,368.30'</p>		<p>GEOMETRIC COORDINATES MAD 27 NME</p> <p>SURFACE LOCATION Y= 552,275.3 X= 768,358.8 LAT= 32.537085°N LONG= 103.598187°W</p> <p>BOTTOM HOLE LOCATION Y= 552,145.3 X= 768,357.1 LAT= 32.515737°N LONG= 103.593586°W</p>																																									
<p>GEOMETRIC COORDINATES MAD 83 NME</p> <p>SURFACE LOCATION Y= 552,275.3 X= 768,358.8 LAT= 32.537085°N LONG= 103.598187°W</p> <p>BOTTOM HOLE LOCATION Y= 552,145.3 X= 768,357.1 LAT= 32.515737°N LONG= 103.593586°W</p>		<p>GEOMETRIC COORDINATES MAD 27 NME</p> <p>SURFACE LOCATION Y= 552,275.3 X= 768,358.8 LAT= 32.537085°N LONG= 103.598187°W</p> <p>BOTTOM HOLE LOCATION Y= 552,145.3 X= 768,357.1 LAT= 32.515737°N LONG= 103.593586°W</p>																																									

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 88218
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

¹ API Number 30-025-46375	² Pool Code 97895	³ Pool Name WC-025 G-08 S213304D:BONE SPRING
⁴ Property Code	⁵ Property Name SEVERUS 31-5 FEDERAL COM	⁶ Well Number 10H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,698'

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
O	30	20 S	34 E	80		SOUTH	2,262	EAST	LEA

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
6	5	21 S	33 E	2,558		NORTH	1,650	WEST	LEA

¹² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidation Code ¹⁵ Order No.

239.04

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.

<p>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.</p> <p><i>Kelly Kardos</i> Signature 8/29/19 Date</p> <p>Kelly Kardos Printed Name</p> <p>kelly_kardos@xtoenergy.com E-mail Address</p>		<p>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.</p> <p>7-31-2019 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Mark Dillon HARP</i> MARK DILLON HARP 23786 Certificate Number</p> <p>2018112556 JC/AI</p>	
<p>16</p> <div style="display: flex; justify-content: space-between;"> <div> <p>CORNER COORDINATES TABLE NAD 83 NME</p> <p>A - Y= 559,823.5 N, X= 767,457.2 E B - Y= 559,836.5 N, X= 767,777.5 E C - Y= 557,185.2 N, X= 767,474.8 E D - Y= 557,198.2 N, X= 767,796.1 E E - Y= 554,534.5 N, X= 767,492.5 E F - Y= 554,542.9 N, X= 768,815.5 E G - Y= 554,535.8 N, X= 767,695.1 E H - Y= 554,544.2 N, X= 769,010.6 E I - Y= 551,928.2 N, X= 767,714.2 E J - Y= 551,936.3 N, X= 769,029.8 E</p> </div> <div> <p>LOT ACREAGE TABLE SECTION 5 LOT 3 - 39.04 ACRES LOT 6 - 40.00 ACRES LOT 11 - 40.00 ACRES</p> </div> <div> <p>CORNER COORDINATES TABLE NAD 27 NME</p> <p>A - Y= 559,762.3 N, X= 726,276.2 E B - Y= 559,775.3 N, X= 727,596.5 E C - Y= 557,124.0 N, X= 726,293.7 E D - Y= 557,137.1 N, X= 727,615.0 E E - Y= 554,473.4 N, X= 726,311.3 E F - Y= 554,481.9 N, X= 726,634.3 E G - Y= 554,474.7 N, X= 726,953.3 E H - Y= 551,867.2 N, X= 726,533.0 E I - Y= 551,875.3 N, X= 727,846.5 E</p> </div> </div> <div style="text-align: center;"> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 559,907.2 X= 767,835.2 LAT = 32.537095°N LONG = 103.598359°W</p> </div> <div> <p>LAST TAKE POINT NAD 83 NME Y= 552,030.3 X= 768,047.9 LAT = 32.515441°N LONG = 103.597846°W</p> </div> <div> <p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 559,846.0 X= 726,654.2 LAT = 32.536974°N LONG = 103.597658°W</p> </div> <div> <p>LAST TAKE POINT NAD 27 NME Y= 551,989.3 X= 726,886.7 LAT = 32.515320°N LONG = 103.597356°W</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>FIRST TAKE POINT NAD 83 NME Y= 551,980.3 X= 768,048.3 LAT = 32.515303°N LONG = 103.597856°W</p> </div> <div> <p>BOTTOM HOLE LOCATION NAD 83 NME Y= 551,987.5 X= 726,810.6 LAT = 32.515441°N LONG = 103.597355°W</p> </div> <div> <p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 559,846.0 X= 726,654.2 LAT = 32.536974°N LONG = 103.597658°W</p> </div> <div> <p>LAST TAKE POINT NAD 27 NME Y= 551,989.3 X= 726,886.7 LAT = 32.515320°N LONG = 103.597356°W</p> </div> </div>			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 392-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1383 Fax: (575) 748-9720

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

District IV
1230 S. St. Francis Dr., Santa Fe, NM 87503
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico **HOBBS OCD**
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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-46223	2 Pool Code 77895	3 Pool Name Wildcat-Bone Spring WC-025-6-08 52(BCH)-B3
4 Property Code 725914	5 Property Name SEVERUS 31-5 FEDERAL COM	6 Well Number 11H
7 GRID No. 005380	8 Operator Name XTO ENERGY, INC.	9 Elevation 3,688'

Surface Location

UL or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
N	30	20 S	34 E		337	SOUTH	1,750	WEST	LEA

Bottom Hole Location If Different From Surface


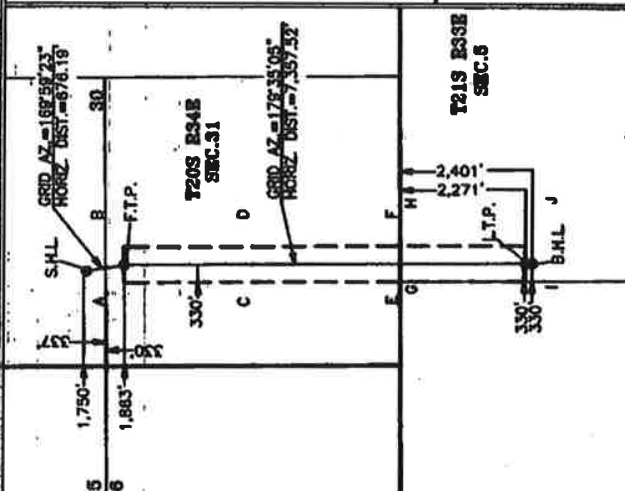
UL or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
D5	5	21 S	33 E		2,401	NORTH	330	WEST	LEA

13 Dedicated Acres 240

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.

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 adjoins mineral interest in the land including the proposed bottom hole location or has a right to drill this well on 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 homologous entered by the division. Signature: <u>Stephanie Rabadue</u> Date: <u>12/28/2018</u> Printed Name: <u>Stephanie Rabadue</u> E-mail Address: <u>stephanie_rabadue@xtoenergy.com</u>		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. Date of Survey: <u>12-27-2018</u> Signature and Seal of Professional Surveyor:  MARK DILLON HARR 23786 Certificate Number: <u>2018112857</u>	
			
CORNER COORDINATES TABLE MAD 83 N1E A - Y= 559,810.7 N, X= 768,135.6 E B - Y= 559,823.5 N, X= 767,457.2 E C - Y= 557,172.2 N, X= 768,152.0 E D - Y= 557,172.2 N, X= 767,474.8 E E - Y= 554,465.0 N, X= 768,160.3 E F - Y= 554,465.0 N, X= 767,452.3 E G - Y= 554,465.0 N, X= 767,452.3 E H - Y= 554,465.0 N, X= 767,452.3 E I - Y= 551,920.2 N, X= 768,160.3 E J - Y= 551,920.2 N, X= 767,474.2 E		CORNER COORDINATES TABLE MAD 27 N1E A - Y= 559,746.5 N, X= 724,854.6 E B - Y= 559,762.3 N, X= 728,278.2 E C - Y= 557,111.0 N, X= 724,971.0 E D - Y= 557,124.0 N, X= 728,283.7 E E - Y= 554,465.0 N, X= 724,986.4 E F - Y= 554,473.4 N, X= 728,311.3 E G - Y= 554,465.0 N, X= 725,168.3 E H - Y= 554,474.7 N, X= 728,313.9 E I - Y= 551,858.2 N, X= 725,217.5 E J - Y= 551,887.2 N, X= 726,333.0 E	
LAST TAKE POINT MAD 83 N1E Y= 552,258.6 X= 768,728.2 LAT.= 32.5160837N LONG.= 103.602128W		LAST TAKE POINT MAD 27 N1E Y= 560,080.6 X= 725,375.3 LAT.= 32.537871N LONG.= 103.602012W	
FIRST TAKE POINT MAD 83 N1E Y= 552,125.9 X= 768,424.1 LAT.= 32.515712 LONG.= 103.602128W		FIRST TAKE POINT MAD 27 N1E Y= 552,424.1 X= 725,375.3 LAT.= 32.537871N LONG.= 103.601646W	
BOTTOM HOLE LOCATION MAD 83 N1E Y= 552,125.9 X= 768,424.1 LAT.= 32.515712 LONG.= 103.602128W		BOTTOM HOLE LOCATION MAD 27 N1E Y= 552,424.1 X= 725,375.3 LAT.= 32.537871N LONG.= 103.601637W	

