

Initial Application Part I

Received: 07/26/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 07/26/2019	REVIEWER: MAM	TYPE: PLC	APP NO: pMAM1920745917
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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 Permian Operating LLC	OGRID Number: 373075
Well Name: Big Eddy Unit DI5 #4H, #24H, Josephine Rodke Fed #1	API: 30-015-40397, 015-43444, 015-05833
Pool: WC-15 G-06 S203127G; Bone Spring & Parallel, Delaware	Pool Code: 98232 / 49600

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

Signature

Date

07/24/19

432-221-7379

Phone Number

tracie_cherry@xtoenergy.com

e-mail Address

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 Permian Operating, LLC (373075)

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
WC-015 G-06 S203127G; Bone Spring (98232)	See Attached				
Parallel, Delaware (49600)					

(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) **Combination of metering and monthly well tests**

(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.

(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) Monthly well testing (allocated daily)

(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 attached 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 Lead

DATE: 07/26/19

TYPE OR PRINT NAME Tracie J. Cherry

TELEPHONE NO.: 432-221-7379

E-MAIL ADDRESS: tracie_cherry@xtoenergy.com

Well Name	BOPD	Oil Gravity @60 deg.	BOPD X gravity	Value /BBL		MCFPD	Dry BTU	MCFPD X BTU	Value/mcf
Big Eddy Unit DI5 #4H	47	35.7	1677.9			44	1235	54340	
Big Eddy Unit DI5 #24H	215	37	7955			453	1302.8	590168.4	
Josephine Rodke Fed #1	15	40.3	604.5			2	1322.8	2645.6	
			0					0	
			0					0	
			0					0	
			0					0	
			0					0	
Composite	277	36.9581227	10237.4			499	1296.9	647154	

Crude oil for this facility is sold based on the aggregate API of 44 degrees at the sales meter. Oil that is low sulphur content with a API gravity less than 44 is sold as sweet with no deduction. Price is determined based on WTI at at time of sale.

Price for MMBTU is the combined BTU value at the sales meter. There are no deductions based on quality or sulfur content. Given the similarity of BTU contents, there should be no significant price difference or sensitivity to allocation factors.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.5. Lease Serial No.
NMLC065914

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM68294X8. Well Name and No.
BIG EDDY UNIT DI5 004H9. API Well No.
30-015-40397

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

XTO PERMIAN OPERATING LLC

Contact: TRACIE J CHERRY

E-Mail: tracie_cherry@xtoenergy.com

3a. Address

6401 HOLIDAY HILL RD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)

Ph: 432-221-7379

10. Field and Pool or Exploratory Area
PARALLEL; DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T20S R31E Mer NMP SWNE 1980FNL 1848FEL

11. County or Parish, State

EDDY 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<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 recompleat 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 recompleat 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 Permian Operating, LLC 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 Big Eddy Unit DI5 battery via LACT and hauled by 3rd party purchaser. Gas will be transported to this location and sold at same.

Wells associated at this battery are:

Big Eddy Unit DI5 4H / 30-015-40397
Big Eddy Unit DI5 24H / 30-015-43444
Josephine Rodke Federal 1 / 30-015-05833

NMOCD is being petitioned for like approval.



COPY

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

**Electronic Submission #475437 verified by the BLM Well Information System
For XTO PERMIAN OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) TRACIE J CHERRY

Title REGULATORY COORDINATOR

Signature (Electronic Submission)

Date 07/26/2019

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 #475437 that would not fit on the form

32. Additional remarks, continued

All required exhibits are attached to this sundry.

Proposal for Big Eddy Unit DI5 Battery

XTO Permian Operating, LLC (XTO) is requesting approval for Lease/Pool Commingle for the wells on the attached table.

Well Information and Lease Description

The Big Eddy Unit DI5 Battery ("battery") is used as a common tank battery for three (3) wells. The wells are in two different Participating Areas (PA). Both PAs are comprised of the same acreage and have the same Federal royalty rate.

The battery has four (4), 500 bbl oil tanks and four (4) fiberglass produced water tanks on the location. The battery is located in SWNE Sec 27 T20S-R31E. Oil from this facility is measured using a positive displacement LACT meter and transported via truck to a 3rd party purchaser. The gas from the battery is measured by electronic flow meter (EFM) on the facility and transported via pipeline to a DCP Midstream (DCP) sales meter located SWNW Sec 35 20S-31E. (32.531079 -103.848278)

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. All wells are located inside the Big Eddy Unit boundaries.

Oil Process Flow:

There are three (3) separation trains at the battery. Production from the Big Eddy Unit wells flow to either a test train or production train, allowing one well to be in test at all times. The Josephine Rodke #1 flows to a dedicated train and is continuously measured.

From the main production header, the well(s) are routed through main production train, flow through a main 2-phase separator where gas is separated from the oil-water stream. The oil-water stream flows through the main free water knockout (FWKO) where the oil is separated from the water. The oil then flows through the main heater treater. Oil from the treater combines with the oil from the test side process equipment in a shared line and flows to the VRT. The oil from the VRT then flows to the tanks for storage.

Wells routed through the test train follow the same separation process. From the header, the combined stream flows through the test 2-phase separator, where gas is separated from the oil-water stream. The oil-water stream flows to the test FWKO and through turbine test meter #1202766823 then through the test heater treater. The oil from the test heater treater combines with the oil from the main production process equipment to the VRT and on to the tanks.

The Josephine Rodke (Rodke) well travels from the well location and is routed through a dedicated metering separator. The Rodke well is routed through a 3-phase metering separator where oil, gas, and water are separated. The oil from the separator is metered through turbine test meter #80760-79 then recombines with the water. The recombined oil-water stream joins the oil from the main process equipment downstream of the the main 2-phase separator. From the oil flows to the main FWKO and follows the same flow path as the main production train.

Oil production is allocated to each well (excluding Rodke) based on monthly well test using the factor derived from the turbine test meter (#1202766823) reading, and the LACT meter reading. All oil is sold through positive displacement LACT meter #DBBL0155OL and transported via 3rd party trucking. The LACT meter is proven quarterly. The LACT meter (#DBBE0155OL) will be the designated FMP for oil at the facility.

Gas Process Flow

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

Gas from the well(s) routed through the main production train is gathered off the main 2-phase separator, combines with the gas from the gas from the test process equipment in a shared line and flows to the sales

scrubber. The minimal amount of gas from the FWKO and heater treater is routed directly to a metered flare.

Gas from the well routed through the test train is gathered off the test 2-phase and the test FWKO in a shared line and flows through EFM gas test meter #DBBE0152G. The gas from the well in test joins the gas from the production process equipment downstream of the test meter and flows through the sales scrubber, check meter (#DBBE0052G) and on to the DCP sales meter located SWNW Sec 35 20S-31E. The minimal amount of gas separated at the test heater treater is routed directly to a metered flare.

The gas from the Rodke well is metered directly off the dedicated 3-phase metering separator through EFM allocation meter #DBBE0072G. This gas then combines with the gas from the test and main production process equipment and flows through the sales scrubber.

Gas that is routed to the metered flare due to emergency or restricted line capacity goes through the flare scrubber and then to a booster to allow the gas to go back into the sales line upstream of the check meter. Any gas that cannot enter the line flowing to the check meter is routed through metered flare (#DBBE0056G) on location.

Gas from the battery flows through the EFM battery check meter (#DBBE0052G) and then to the DCP sales meter. All EFM gas meters are installed and calibrated per API and 43 CFR 3174 requirements. The check meter (#DBBE0052G) will be the designated FMP for gas at this facility.

This facility utilizes a VRU to capture tank vapors. Gas from the VRU is recorded on EFM gas meter #DBBE0175G and is allocated based on each wells' allocated gas production.

Water production is measured using turbine meters located off the test separator and main FWKO. 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.

Summary:

The proposed commingling and allocation will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.

Commingling of oil and gas production at this facility is necessary for the ultimate recovery of minerals in place.

XTO 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.

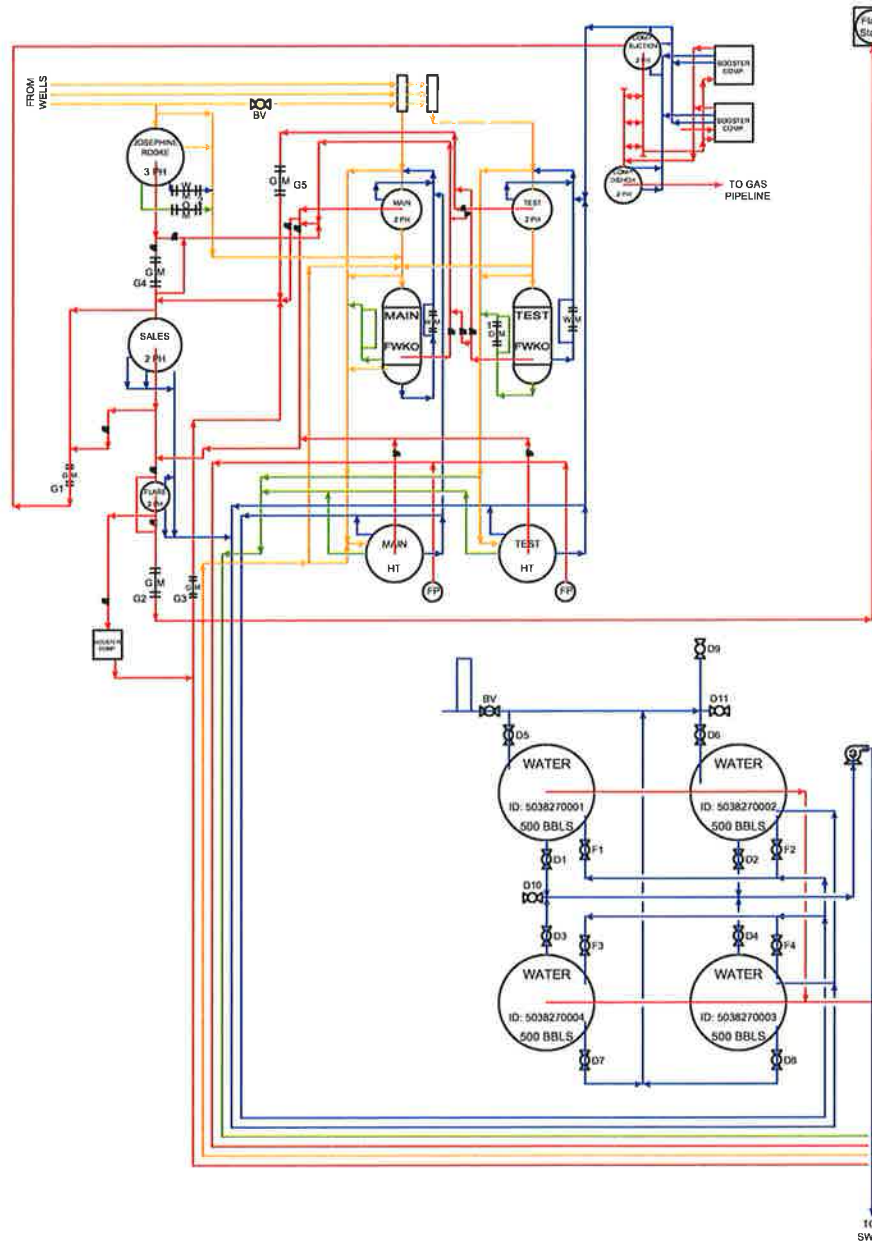
The BLM and NMOCD will be notified of any future changes in the facilities.

Federal Lease: NMNM068294T PA NMLC0065431 (80 ac), NMLC0065872A (80 ac.), NMNM0065872 (80 ac), NMLC0065914A (80 ac), NMLC0065914 (80 ac) all 12.5% Fed Royalty all 12.5% Fed Royalty

<i>Well Name (Property Code)</i>	<i>API</i>	<i>Loc ¼, ¼, Sec. Twp, Rng</i>	<i>Pool (NMOCD Pool Code)</i>	<i>BOPD</i>	<i>Grav</i>	<i>MCFPD</i>	<i>BTU</i>
Big Eddy Unit DI5 #24H	30-015-43444	SHL: Sec 27 29S-30E BHL: Sec 25 29S-30E	WC-015 G-06 S203127G; Bone Spring (98232)	215	37	453	1302.8

Federal Lease: NMNN068294N PA NMLC0065431 (80 ac), NMLC0065872A (80 ac.), NMNM0065872 (80 ac), NMLC0065914A (80 ac), NMLC0065914 (80 ac) all 12.5% Fed Royalty

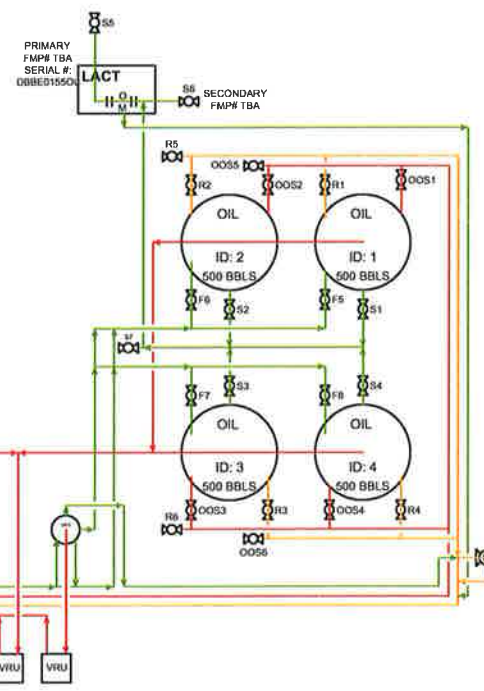
<i>Well Name (Property Code)</i>	<i>API</i>	<i>Loc ¼, ¼, Sec. Twp, Rng</i>	<i>Pool (NMOCD Pool Code)</i>	<i>BOPD</i>	<i>Grav</i>	<i>MCFPD</i>	<i>BTU</i>
Josephine Rodke Federal #1	30-015-05833	Sec 27 29S-30E	Parallel, Delaware (49600)	15	40.3	2	1322.8
Big Eddy Unit DI5 #4H	30-015-40397	SHL: Sec 27 29S-30E BHLL: Sec 25 29S-30E	Parallel, Delaware (49600)	47	35.7	44	1235.0



Valve Phase Details			
Valve ID	Fill	Recycle	Sales/Drain
F1-8	O/C	O/C	O/C
S1-5	S/O	S/O	O/C
S6-7	S/C	S/C	S/C
D1-9	O/C	N/A	O/C
D10	S/C	S/C	S/C
R1-4	O/C	O/C	S/C
R5-6	S/C	S/C	S/C
E1-6	O/C	O/C	O/C
OOS 1-6	S/C	S/C	S/C

O=Open, S/O=Sealed Open, C=Closed, S/C=Sealed Closed, O/C=Opened or Closed

DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
G1	BEU D15 CHECK	GAS	DBBE00030	CHECK
G2	BEU D15 FLARE	GAS	DBBE00060	ALLOCATION
G3	BEU D15 VRU	GAS	DBBE01705	ALLOCATION
G4	JOSEPHINE RODKE	GAS	DBBE00720	ALLOCATION
G5	O15 TEST	GAS	DBBE01520	ALLOCATION
G8	DRILLING ISLAND #5 MASTER METER	GAS	742572-00	MASTER
OM1	OIL TEST METER	OIL	12027688223	ALLOCATION
OM 2	JOSEPHINE RODKE TEST	OIL	80760-79	ALLOCATION



MASTER SALES METER
FOUND OFF LOCATION IN:
SEC. 35-T20S-R-31E
32.53107N, -103.84827W



Facility Gas Usage		TIED IN WELLS	
Equipment	Usage	NAME	API #
TEST HEATER TREATER	16.67 MCFD	JOSEPHINE RODKE	30-015-05833
PROD. HEATER TREATER	16.67 MCFD	FEDERAL #01	
PNEUMATIC CONTROLLER	144 SCFD	BIG EDDY UNIT D15 #4H	30-015-40397
		BIG EDDY UNIT D15 #24H	30-015-43444

EMULSION
WATER
OIL
GAS

Revision	Description of Change	Date	By	BOPCO L.P.
0	ORIGINAL DRAWING	10/4/2017	CAH	

BIG EDDY UNIT D15	
CENTRAL TANK BATTERY	
EDDY COUNTY, NEW MEXICO	
SEC 27-T20S-R31E, API #30-015-05833, FED LEASE ID SHL-NMLC065431	
SITE FACILITY DIAGRAM	
XTO-DD-00BEU-D15B-SFD-000-0080	

[illegible]

WELL SURFACE IHS

LEASE STATE_LEASES_PREMIER

A number line illustrating the conversion of miles to kilometers. The top scale is in miles, with major tick marks at 0, 0.15, 0.3, and 0.6. The bottom scale is in kilometers, with major tick marks at 0, 0.275, 0.55, and 1.1. The scales are aligned such that 0.15 miles corresponds to 0.275 kilometers, and 0.3 miles corresponds to 0.55 kilometers. There are also minor tick marks between the major ones on both scales.

Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA | Data Created by Tobin/P2E
Update Frequency: Quarterly | Data Created Premier Data Services
Update Frequency: Monthly | IHS Markit (Premier Data Services)

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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-102
Revised July 18, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT
"As Drilled"

API Number 30-015-40397	Pool Code 49600	Pool Name PARALLEL; DELAWARE
Property Code 305860	Property Name BIG EDDY UNIT DIS	Well Number 4H
ODRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3523'

Surface Location

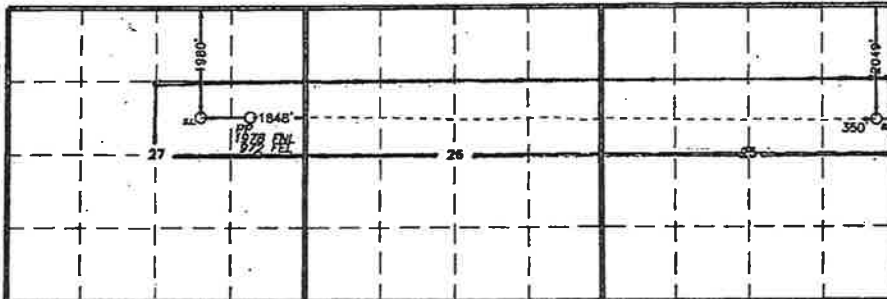
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	20 S	31 E		1980	NORTH	1848	EAST	EDDY

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
H	25	20 S	31 E		2049	NORTH	350	EAST	EDDY

Dedicated Acres 400	Joint or Infill	Consolidation Code	Order No.
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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



SURFACE LOCATION
Lot - N 32°32'45.49"
Long - W 103°51'14.19"
NMSPCE- N 582688.476
E 647722.356
(NAD-27)

BOTTOM HOLE LOCATION
Lot - N 32°32'44.93"
Long - W 103°48'53.39"
NMSPCE- N 582688.5
E 659774.8
(NAD-27)

SCALE 1" = 3000'

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: *Tracie J Cherry* Date: 09/26/14

Printed Name: Tracie J Cherry

Email Address: tjcherry@basspet.com

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 Surveyed: 09/26/14

Signature & Seal of Professional Surveyor: *Gary L. Jones*

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 26030

NM OIL CONSERVATION
ARTESIA DISTRICT

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

NOV 02 2017

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

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-43444		² Pool Code 98232		³ Pool Name WC-015 G-06 S203127G; Bone Spring					
⁴ Property Code 313958		⁵ Property Name BIG EDDY UNIT DIS						⁶ Well Number 24H	
⁷ OGRID No. 260737		⁸ Operator Name BOPCO, L.P.						⁹ Elevation 3524'	

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
G	27	29 S	30 E		2,000	NORTH	1,873	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
H	25	29 S	30 E		1,968	NORTH	161	EAST	EDDY

¹² Dedicated Acres 360	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>¹⁶ NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY</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 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>Tracie J. Cherry</i> 10/30/17 Signature Date</p> <p>Tracie J. Cherry Printed Name</p> <p>tracie_cherry@xtoenergy.com E-mail Address</p>																	
<p>GEODETIC COORDINATES SURFACE LOCATION NAD 27 NME Y= 562,648.7 X= 647,698.4 LAT.= 32.545916°N LONG.= 103.954020°W</p> <p>LAST TAKE POINT NAD 27 NME Y= 562,745.4 X= 659,850.7 LAT.= 32.546025°N LONG.= 103.814583°W</p>		<p>GEODETIC COORDINATES SURFACE LOCATION NAD 83 NME Y= 562,710.3 X= 688,878.3 LAT.= 32.546036°N LONG.= 103.854520°W</p> <p>LAST TAKE POINT NAD 83 NME Y= 562,807.0 X= 701,030.6 LAT.= 32.546146°N LONG.= 103.815082°W</p>		<p>AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME Y= 562,664.8 X= 648,526.8 LAT.= 32.545950°N LONG.= 103.851331°W</p> <p>AS-DRILLED BOTTOM HOLE LOCATION NAD 83 NME Y= 562,747.6 X= 659,974.5 LAT.= 32.546030°N LONG.= 103.814181°W</p>																	
<p>CORNER COORDINATES TABLE NAD 27 NME</p> <table border="1"> <tr><td>A - Y= 563,326.0 N, X= 646,933.4 E</td></tr> <tr><td>B - Y= 563,326.0 N, X= 649,567.6 E</td></tr> <tr><td>C - Y= 563,365.3 N, X= 654,844.5 E</td></tr> <tr><td>D - Y= 563,391.4 N, X= 660,131.4 E</td></tr> <tr><td>E - Y= 562,066.5 N, X= 680,138.6 E</td></tr> <tr><td>F - Y= 562,041.0 N, X= 654,851.9 E</td></tr> <tr><td>G - Y= 562,003.9 N, X= 649,572.9 E</td></tr> <tr><td>H - Y= 562,004.0 N, X= 646,936.8 E</td></tr> </table>		A - Y= 563,326.0 N, X= 646,933.4 E	B - Y= 563,326.0 N, X= 649,567.6 E	C - Y= 563,365.3 N, X= 654,844.5 E	D - Y= 563,391.4 N, X= 660,131.4 E	E - Y= 562,066.5 N, X= 680,138.6 E	F - Y= 562,041.0 N, X= 654,851.9 E	G - Y= 562,003.9 N, X= 649,572.9 E	H - Y= 562,004.0 N, X= 646,936.8 E	<p>CORNER COORDINATES TABLE NAD 83 NME</p> <table border="1"> <tr><td>A - Y= 563,387.8 N, X= 688,114.0 E</td></tr> <tr><td>B - Y= 563,387.8 N, X= 690,748.2 E</td></tr> <tr><td>C - Y= 563,427.4 N, X= 696,025.1 E</td></tr> <tr><td>D - Y= 563,453.3 N, X= 701,312.0 E</td></tr> <tr><td>E - Y= 562,128.3 N, X= 701,319.2 E</td></tr> <tr><td>F - Y= 562,102.8 N, X= 696,032.5 E</td></tr> <tr><td>G - Y= 562,065.7 N, X= 690,753.5 E</td></tr> <tr><td>H - Y= 562,065.8 N, X= 688,117.5 E</td></tr> </table>		A - Y= 563,387.8 N, X= 688,114.0 E	B - Y= 563,387.8 N, X= 690,748.2 E	C - Y= 563,427.4 N, X= 696,025.1 E	D - Y= 563,453.3 N, X= 701,312.0 E	E - Y= 562,128.3 N, X= 701,319.2 E	F - Y= 562,102.8 N, X= 696,032.5 E	G - Y= 562,065.7 N, X= 690,753.5 E	H - Y= 562,065.8 N, X= 688,117.5 E	<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>07-24-2017 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 align="center"> </p> <p align="right">AI 20170711.04</p>	
A - Y= 563,326.0 N, X= 646,933.4 E																					
B - Y= 563,326.0 N, X= 649,567.6 E																					
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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) ~~ALLOWABLE~~ ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Monahans, Texas

March 19, 1955

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Richardson & Bagg

Federal-Josephine Rodin

, Well No. **1**, in **SE** $\frac{1}{4}$ **NE** $\frac{1}{4}$,

(Company or Operator)

(Lease)

0, Sec. **27**, T. **28-S**, R. **11-E**, NMPM, **Wildcat** Pool

(Unit)

Edgely

County. Date Spudded **January 20, 1955**, Date Completed **March 9, 1955**

Please indicate location:

Elevation **5536' 17"** Total Depth **7600**, P.B. **5751'**

Top oil/gas pay **5722'** Prod. Form **Lower Delaware-5700'**

Casing Perforations: **5722' to 5734' - 4 shots per ft.** or

Depth to Casing shoe of Prod. String **5751'**

Natural Prod. Test **No Test** BOPD

based on _____ bbls. Oil in _____ Hrs. _____ Mins.

Test after acid or shot **288** BOPD

Based on **288** bbls. Oil in **12** Hrs. **No** Mins.

Gas Well Potential _____

Size choke in inches **1/8"**

Date first oil run to tanks or gas to Transmission system: **March 13, 1955**

Transporter taking Oil or Gas: **Gulf Oil Corp - Crude Oil Purchasing Div.**

Casing and Cementing Record

Size Feet Sax

11-2/8"	665.26	150
8-1/8"	2077.25	705
5-1/8"	5773.00	605
2-2/8"	5498.00	None

Remarks: _____

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

Approved _____, 19____

Richardson & Bagg

(Company or Operator)

By: **Richardson & Bagg**

(Signature)

Assistant Division Manager

Title _____

Send Communications regarding well to:

Richardson & Bagg

Name _____

Box 1170 Monahans, Texas

Address _____

OIL CONSERVATION COMMISSION

By: **W. C. Johnson**

Title _____

Date: 7/18/2019
To: Tracie Cherry
From: Kaylene Tovar
Subject: **BIG EDDY UNIT DI5 24H (Production Stages)**
27-20S-31E
Eddy Co., New Mexico

The following operated well is currently producing and will be in the Range 3 production phase through end of life.
The recommended Well Test Frequency for this phase is 1 Test per month with the same 24 hr test duration.

BIG EDDY UNIT DI5 24H

30-015-43444

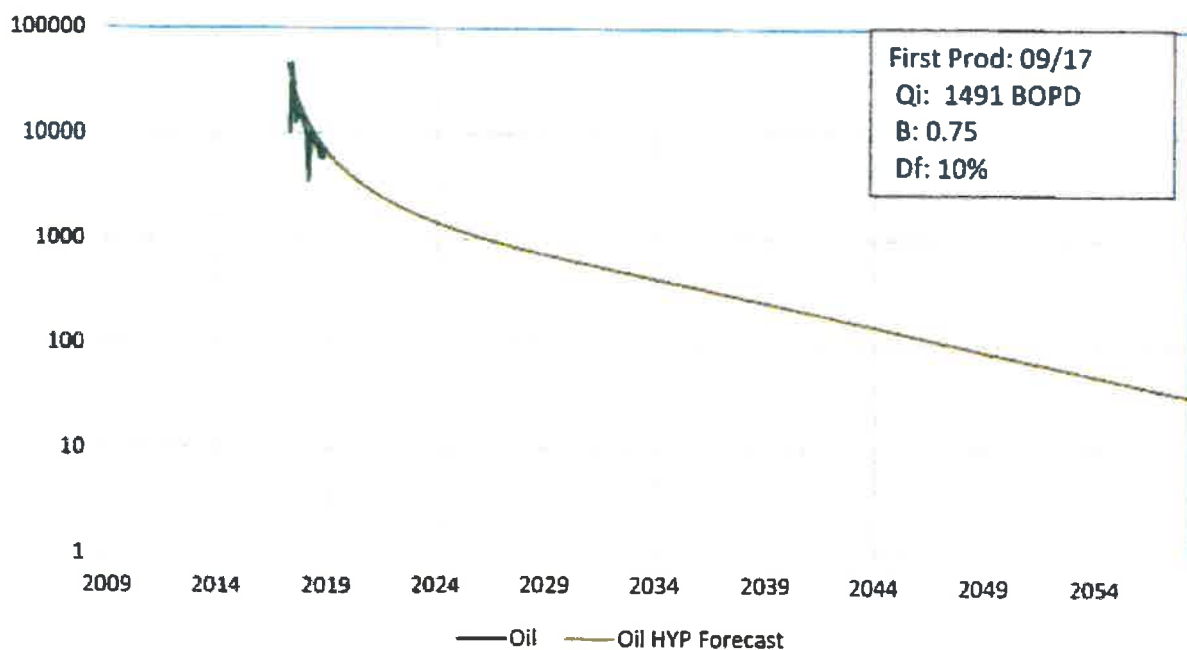
Spud: 5/23/2017

Kaylene Tovar



Reservoir Engineer
Delaware Basin Subsurface Team

BIG EDDY UNIT DI5 24H



Date: 7/18/2019

To: Tracie Cherry

From: Kaylene Tovar

Subject: **BIG EDDY UNIT DI5 4H (Production Stages)**
25-245-30E
Eddy Co., New Mexico

The following operated well is currently producing and will be in the Range 3 production phase through end of life. The recommended Well Test Frequency for this phase is 1 Test per month with the same 24 hr test duration.

BIG EDDY UNIT DI5 4H

30-015-40397

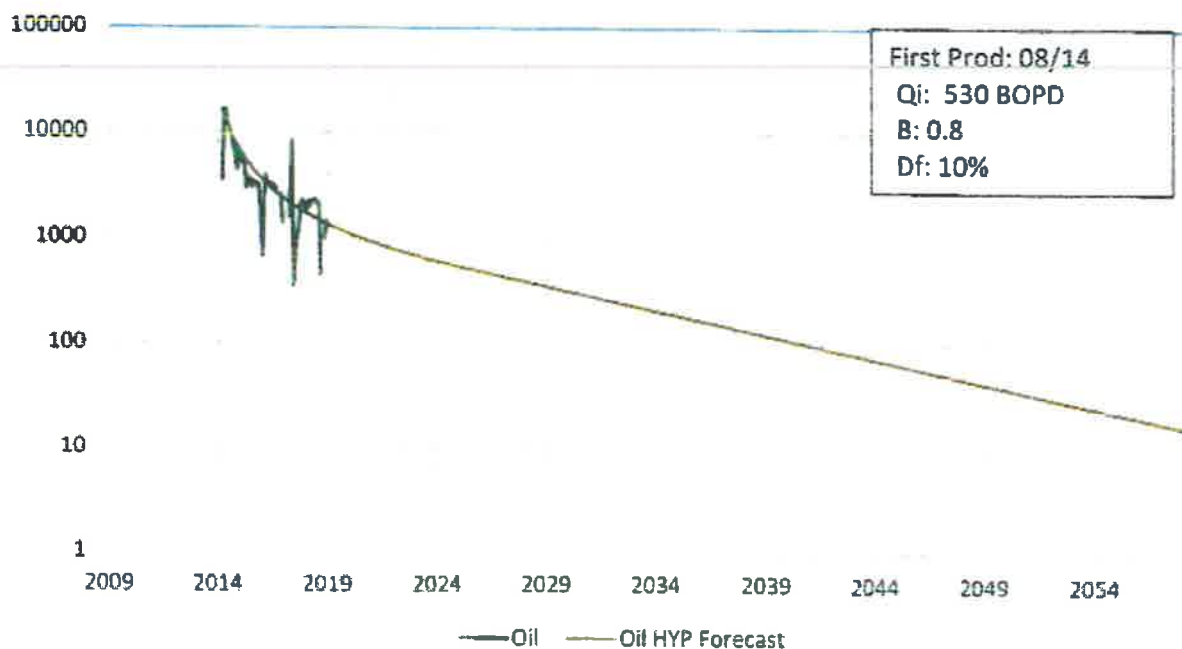
Spud: 5/13/2014

Kaylene Tovar



Reservoir Engineer
Delaware Basin Subsurface Team

BIG EDDY UNIT DI5 4H



CERTIFIED MAILING LIST
XTO PERMIAN OPERATING, LLC
BIG EDDY UNIT DIS FEDERAL BATTERY

CERTIFIED # 7018 1130 0001 5531 4378

ARICKA L GREEN
2714 COUNTY ST 2831
CHICKASHA, OK 73018

CERTIFIED # 7018 1130 0001 5531 4385

BETTY ANN HUBBARD HEINRICH
8701 E FOREMAN
EL RENO, OK 73036

CERTIFIED # 7018 1130 0001 5531 4392

BRANDY M ROBERTS
2501 LAKEWOOD DR
CHICKASHA, OK 73018

CERTIFIED # 7018 1130 0001 5531 4408

BRENDA RAY VINCENT
2501 LAKEWOOD DR
CHICKASHA, OK 73018

CERTIFIED # 7018 1130 0001 5531 4415

CONCHO RESOURCES INC
DBA COG OPERATING LLC
ONE CONCHO CENTRE
600 W ILLINOIS AVE
MIDLAND, TX 79701

CERTIFIED # 7018 1130 0001 5531 4422

CONOCOPHILLIPS COMPANY
PO Box 2197
EC3-10-W285
HOUSTON, TX 77252

CERTIFIED # 7018 1130 0001 5531 4569

EMMA LOU HARDING
740405 S 3350 RD
PERKINS OK 74049

CERTIFIED # 7018 1130 0001 5531 4576

EOG RESOURCES
PO BOX 840321
DALLAS, TX 75284

CERTIFIED # 7018 1130 0001 5531 4583

GEORGE RYAN INGRAM
2501 LAKEWOOD DR
CHICKASHA, OK 73018

CERTIFIED # 7018 1130 0001 5531 4590

JILL ELAINE RITCHEY HOLSONBACK
4942 E CALLE CUMBRE
SIERRA VISTA, AZ 85635

CERTIFIED # 7018 1130 0001 5531 4606

JOE DYLAN KIDD
2901 BUCKLAND RD
EDMOND, OK 73034-2221

CERTIFIED # 7018 1130 0001 5531 4613

JOHN A HOLMSTROM TR
RICHARD JACKSON SUCC TTEE
PO BOX 90727
PASADENA, CA 91108-0727

CERTIFIED # 7018 1130 0001 5531 4620

JOHN DREW MILLER
340 E PARK DR
KELLOGG, ID 83837

CERTIFIED # 7018 1130 0001 5531 4637

JONATHAN KENDALL SHAW
1271 NE HIGHWAY 99 W
PMB 406
MCMINNVILLE, OR 97128

CERTIFIED # 7018 1130 0001 5531 4644

LARRY FRED REUTER
10803 REUTER RD W
EL RENO, OK 73036

CERTIFIED # 7018 1130 0001 5531 4651

MARILYN MIMI RITCHEY
10442 NAPOLI NW
ALBUQUERQUE, NM 89114-4769

CERTIFIED # 7018 1130 0001 5531 4668

RACHELLE ARGYLE
1323 COUNTRY RD 1550
RUSH SPRINGS, OK 73082

CERTIFIED # 7018 1130 0001 5531 4675

RANDALL DUDLEY RITCHEY
2341 S JUNIPER CIR
LAKEWOOD, CO 80228

CERTIFIED # 7018 1130 0001 5531 4682

ROBERT KEITH LOVELACE
RHONDA LOVELACE JTWROS
19887 HWY 33
HAMMON, OK 73650

CERTIFIED # 7018 1130 0001 5531 4699

SARA ARN
4308 S HASSETT
MESA, AZ 85212

CERTIFIED # 7018 1130 0001 5531 4705

SARAH ALICE SHAW HIVELY
17284 ROUND LAKE RD
EDEN PRAIRIE, MN 55346

CERTIFIED # 7018 1130 0001 5531 4712

SHARBRO ENERGY LLC
PO BOX 840
ARTESIA, NM 88211-0840

CERTIFIED # 7018 1130 0001 5531 4729

ZELMA MARTHA HUBBARD REUTER
13908 W OKC RENO ST
EL RENO, OK 73036

CERTIFIED # 7018 1130 0001 5531 4736

HUGH C MONTGOMERY III, MGR OF LAND
BEPKO, LP
201 MAIN STREET STE 3100
FT WORTH, TX 76102

CERTIFIED MAILING LIST - Continued

The following individuals' address is unknown. Notification was done by publication:

- ALLEN WILLIS HUBBARD
- HOMER NELSON HUBBARD
- R J HUBBARD

Per the attached letter, each of these entities have chosen to have notifications sent to one point of contact, Mr. Hugh C. Montgomery III:

LMBI I BPEOR NM LLC

LMBI II BPEOR NM LLC

MLB BPEOR NM LLC

PRB II 1993C I BPEOR NM LLC

PRB II 1993C II BPEOR NM LLC

RFB 1993C I BPEOR NM LLC

SRBI I BPEOR NM LLC

SRBI II BPEOR NM LLC

SSB 1993C I BPEOR NM LLC

THE CHRISTOPHER MADDOX BASS 2016 CHILDREN'S TRUST DBA TRB BPEOR NM LLC

THRU LINE BPEOR NM LLC

TIMOTHY RICHARDSON BASS 2016 CHILDRENS TRUST DBA TRB BPEOR NM LLC

ANNE CHANDLER BASS EVANS 2016 CHILDRENS TRUST DBA ACB BPEOR NM LLC

I, Tracie J Cherry, do hereby certify the interest owners for the well(s) in the Big Eddy Unit D15 Battery were furnished a copy of XTO's application, via certified mail on this date.

Signed: 

Tracie J. Cherry
Regulatory Lead

Title:
Date:

07/24/19

CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

Ad No.
0001292093

Tracie J Cherry
XTO ENERGY
6401 HOLIDAY HILL RD. BLDG 5

MIDLAND TX 79707

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

07/24/19



Legal Clerk

Subscribed and sworn before me this
24th of July 2019.



State of WI, County of Brown
NOTARY PUBLIC

5/5/23

My Commission Expires

XTO Permian Operating, LLC, is applying to surface commingle the oil and gas production of three (3) wells to a central tank battery in Eddy County, NM. The Big Eddy Unit DI5 Federal battery is located SWNE Sec 27 T20S-R31E.

The three wells, details and location are the following:

Big Eddy Unit DI5 #4H, surface location in SWNE of Section 27, T20S-R31E, Unit G, 1980' FNL & 1848' FEL

Big Eddy Unit #24H, surface location in SWNE of Section 27, T20S-R31E, Unit G, 2000' FNL & 1873' FEL

Josephine Rodke Federal Unit #1, surface location in SWNE of Section 27, T20S-R31E, Unit G, 2000' FNL & 1873' FEL

Affected parties were notified via certified letter. Addresses for the party/parties listed below could not be located:

Allen Willis Hubbard
Homer Nelson Hubbard
RJ Hubbard

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr. Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Tracie J Cherry, XTO Energy Inc., 6401 Holiday Hill Rd Bldg 5, Midland, TX 79707. Phone number 432-221-7379

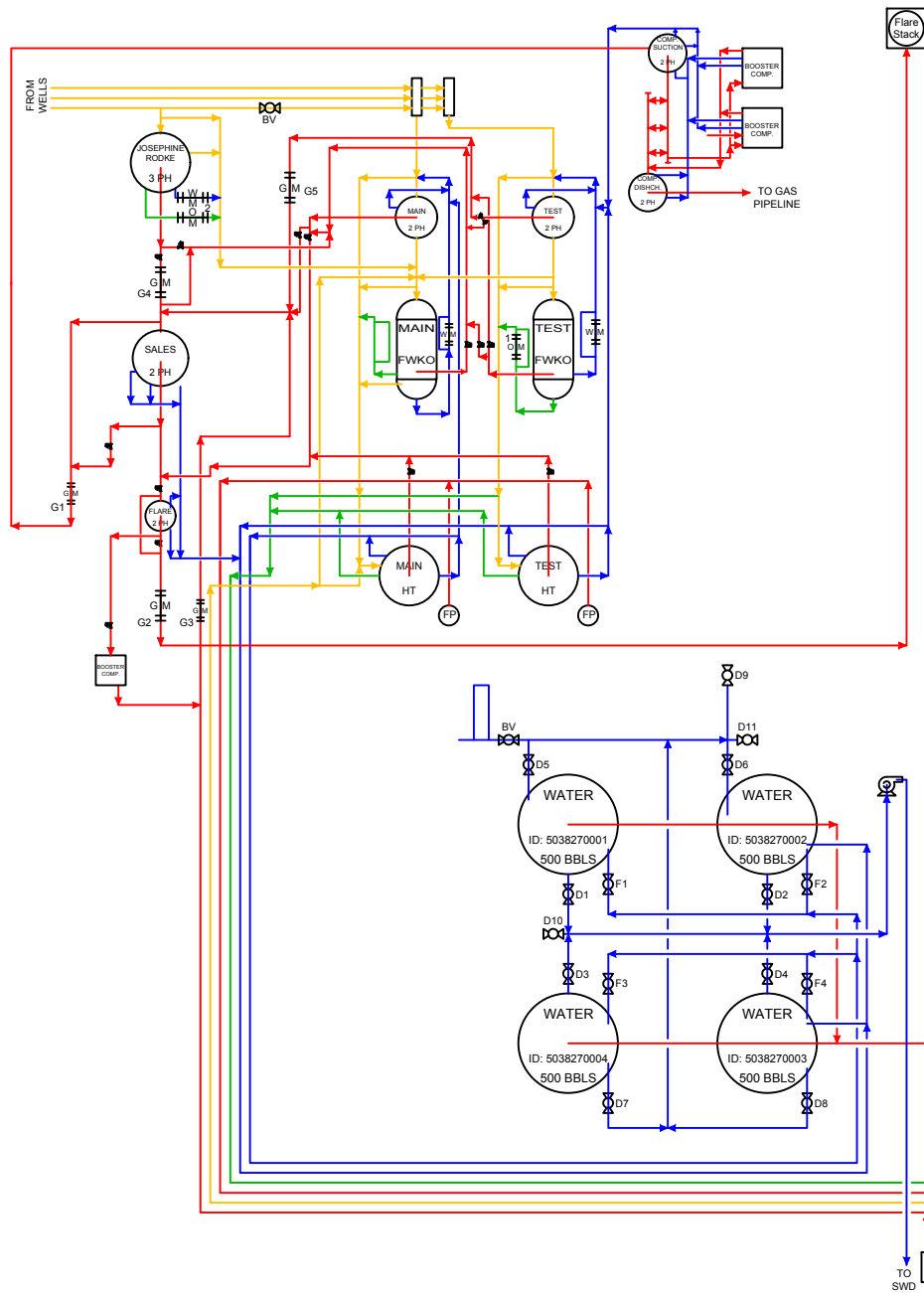
July 24, 2019

Ad#:0001292093
P O : Interest Owner Ad
of Affidavits :0 00

NANCY HEYRMAN
Notary Public
State of Wisconsin

**Application to Surface Commingle
XTO Permian Operating, LLC
Big Eddy Unit D15 Battery
Eddy County, NM**

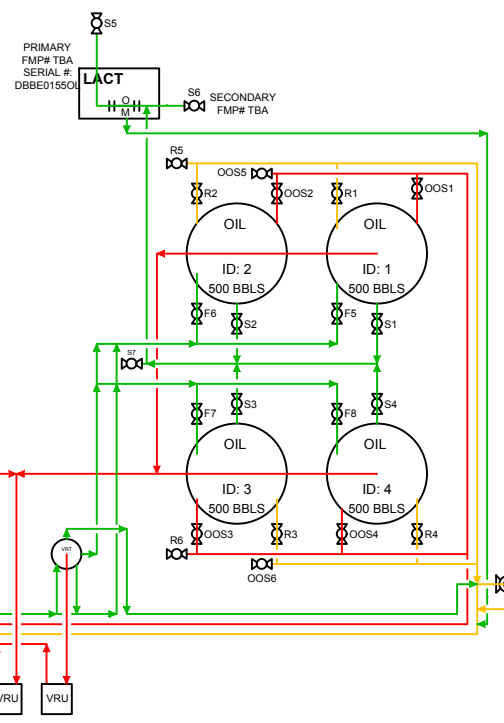
[illegible]



Valve Phase Details			
Valve ID	Fill	Recycle	Sales/Drain
F1-8	O/C	O/C	O/C
S1-5	S/O	S/O	O/C
S6-7	S/C	S/C	S/C
D1-9	O/C	N/A	O/C
D10	S/C	S/C	S/C
R1-4	O/C	O/C	S/C
R5-6	S/C	S/C	S/C
E1-6	O/C	O/C	O/C
OOS 1-6	S/C	S/C	S/C

O=Open, S/O=Sealed Open, C=Closed, S/C=Sealed Closed, O/C=Opened or Closed

DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
G1	BEU DIS CHECK	GAS	DBBE0052G	CHECK
G2	BEU DIS FLARE	GAS	DBBE0056G	ALLOCATION
G3	BEU DIS VRU	GAS	DBBE0175G	ALLOCATION
G4	JOSEPHINE RODKE	GAS	DBBE0072G	ALLOCATION
G5	DI 5 TEST	GAS	DBBE0152G	ALLOCATION
G8	DRILLING ISLAND #5 MASTER METER	GAS	742572-00	MASTER
OM1	OIL TEST METER	OIL	1202768223	ALLOCATION
OM 2	JOSEPHINE RODKE TEST	OIL	80760-79	ALLOCATION



MASTER SALES METER
FOUND OFF LOCATION IN:
SEC. 35-T20S-R-31E, API #30-015-05833, FED LEASE ID: SHL-NMLC065431
32.531079, -103.848278

G8 GIM
PRIMARY
FMP# TBA

Facility Gas Usage		TIED IN WELLS	
Equipment	Usage	NAME	API #
TEST HEATER TREATER	16.67 MCFD	JOSEPHINE RODKE FEDERAL #01	30-015-05833
PROD. HEATER TREATER	16.67 MCFD	BIG EDDY UNIT DI5 #4H	30-015-40397
PNEUMATIC CONTROLLER	144 SCFD	BIG EDDY UNIT DI5 #24H	30-015-43444

EMULSION
WATER
OIL
GAS

Revision	Description of Change	Date	By	BOPCO L.P.
0	ORIGINAL DRAWING	10/4/2017	CAH	

BIG EDDY UNIT DI5 CENTRAL TANK BATTERY EDDY COUNTY, NEW MEXICO	
SEC 35-T20S-R-31E, API #30-015-05833, FED LEASE ID: SHL-NMLC065431	
SITE FACILITY DIAGRAM	
XTO-DD-00BEU-DI5TB-SFD-000-0060	