

RECEIVED: 12/22/2018	REVIEWER: MAM	TYPE: CTB	APP NO: PMAM18361 30499
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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:** BOPCO, LP **OGRID Number:** 260737  
**Well Name:** Multiple Wells **API:** Multiple Pools  
**Pool:** Multiple Pools **Pool Code:** \_\_\_\_\_

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

CTB-883

- 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	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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

12/20/18  
Date

432-221-7379  
Phone Number

Signature

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: BOPCO, LP

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. CTB-615-B

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. Indian Flats; Delaware (33735)

(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 Coordinator DATE: 12/20/18

TYPE OR PRINT NAME Tracie J. Cherry, Regulatory Coordinator TELEPHONE NO.: 432-221-7379

E-MAIL ADDRESS: tracie\_cherry@xtoenergy.com

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-015-22839
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Big Eddy Unit
8. Well Number 074
9. OGRID Number 260737
10. Pool name or Wildcat Indian Flats; Delaware (33735)
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
BOPCO, LP

3. Address of Operator  
6401 Holiday Hill Rd. Bldg 5, Midland, TX 79707

4. Well Location  
 Unit Letter B ; 660 feet from the North line and 1980 feet from the East line  
 Section 25 Township 21S Range 28E NMPM County Eddy, NM

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Utilize CTB for commingled production <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BOPCO, LP respectfully submits this sundry notice to request approval of a common tank battery (CTB) for commingling of production from wells from different leases but producing from the same pool. This will be an amendment to the previously approved CTB-615-B to add an additional well

- Wells utilizing this facility:  
 Big Eddy 071 / 30-015-22839  
 North Indian Flats 24 Federal 001 / 30-015-37730  
 North Indian Flats 24 Federal 010 / 30-015-38196  
 North Indian Flats 24 Federal 015 / 30-015-39137

The Bureau of Land Management has also been petitioned for like approval (copy of sundry included).

Spud Date:  Rig Release Date:

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

SIGNATURE  TITLE Regulatory Coordinator DATE 12/20/18  
 Type or print name Tracie J. Cherry E-mail address: tracie\_cherry@xtoenergy.com PHONE: 432-221-7379  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMLC067144

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
BIG EDDY 074

9. API Well No.  
30-015-22839

10. Field and Pool or Exploratory Area  
INDIAN FLATS

11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
BOPCO LP  
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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25 T21S R28E Mer NMP NWNE 660FNL 1980FEL

**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 Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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.

BOPCO, LP respectfully submits this sundry notice to commingle production at a common tank battery. Production will be piped to the Big Eddy Unit 74 Battery; oil will be sold via tank gauge to a third party purchaser, gas is currently flared on site due to H2S content. Wells associated at this battery are:

- Big Eddy Unit #74/ 03-015-22839
- North Indian Flats 24 Fed #1 / 30-015-37730
- North Indian Flats 24 Fed #10 / 30-015-38196
- North Indian Flats 24 Fed #15 / 30-015-39137

All exhibits are included with this sundry

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #444308 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad**

Name (Printed/Typed) TRACIE J CHERRY Title REGULATORY COORDINATOR

Signature (Electronic Submission) Date 11/15/2018



**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 #444308 that would not fit on the form**

**32. Additional remarks, continued**

NMOCD is being petitioned for like approval.

Working, royalty and overriding royalty interests will be notified of this application.

**Proposal for Big Eddy 74 Battery:**

BOPCO, LP is requesting approval for Surface Commingle and Off-Lease measurement, sales, and storage for oil and gas production from the wells listed on the attached table.

**Well Information and Lease Description:**

The Big Eddy 74 battery ("battery") has four (4) wells producing into the facility, per attached table.

The battery sits on the well location for the Big Eddy 74 well in NWNE Sec 25 21S-28E. All oil and gas production is transported from the well locations to the battery where oil is sold via LACT into the BOPCO, LP pipeline and gas flared on location.

**Process Flow and Allocation Description:**

***Oil Process Flow***

Production from the wells flows from their respective locations to a common header that will route each wells' production to either a test or the bulk production train. The header is configured so that one well can be in test at all times. The well in test will flow to a test 3-phase separator through a turbine meter (#383638) located off the separator. The oil will enter the shared oil line and flow to one of the four (4) oil storage tanks in the tank battery. Wells routed to the bulk production train flow to a Main heater treater and then combine with oil from the well in test before being routed to the storage tanks. All oil in the storage tanks is sold through the LACT (#P655651341), and hauled via truck by a third party gatherer.

Oil production from these wells is allocated daily based on the factor derived from the meter reading of the well on test and the volume recorded at the LACT. Each well will be in test at least once per month for 24 hours.

The LACT meter is installed proven per 43 CFR Subpart 3174. LACT meter #P655651341 is the designated oil FMP for this facility.

***Gas Process Flow***

Gas production from the wells follows the same separation process as the oil. Gas from the test train will be metered at the test 3-phase separator through an EFM (#DBBE0076TS), then enters a shared gas line with the wells not in test. Production is then routed to a metered flare (#BEU74FLARE). Gas production is allocated daily using the meter readings recorded on the EFM and the gas flare meter.

At this time, all gas produced to this battery is flared due to high H<sub>2</sub>S content. Equipment to "sweeten" the gas production has been installed. Until H<sub>2</sub>S levels in the gas can be lowered to a saleable level, all gas production will be flared. Flared volumes are reported on the monthly OGOR. A gas 'check' meter and a gas sales meter are located at the facility and will remain in place in anticipation of future sales.

Gas meters are installed and calibrated per 43 CFR Subpart 3175.

Currently, two (2) test heater treaters are on location and are not being utilized. The equipment will remain in place for future expansion. Line valves to both treaters are sealed and cannot be used. When the equipment is returned to service or removed, an updated facility diagram will be submitted via sundry notice.

Water production is measured off the Main heater treater and the test separator using turbine meters. Water is stored in two fiberglass storage tanks on location until it is hauled to an approved disposal.

**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.

BOPCO, 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: NMLC067144 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 #74 (306431)	30-015- 22839	NWNE Sec 25 21S-28E	Indian Flats; Delaware (33735)	28	43.5	1	1664
North Indian Flats 24 Federal #10 (38104)	30-015- 38196	NESW Sec 24 21S-28E	Indian Flats; Delaware (33735)	13	43.3	1	1780.6

**Federal Lease: NMLC068284 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>
North Indian Flats 24 Federal #1 (38104)	30-015- 37730	NWSE Sec 24 21S-28E	Indian Flats; Delaware (33735)	32	44.1	1	1809
North Indian Flats 24 Federal #15 (38104)	30-015- 39137	NWNW Sec 24 21S-28E	Indian Flats; Delaware (33735)	22	40.9	5	1554

Well Name	BOPD	Oil Gravity @60 deg.	BOPD X gravity	Value /BBL		MCFPD	Dry BTU	MCFPD X BTU	Value/mcf
Big Eddy 74	28	43.5	1218			1	1664	1664	
North Indian Flats 24 Fed 1	32	44.1	1411.2			1	1809	1809	
North Indian Flats 24 Fed 10	13	43.3	562.9			1	1780.6	1780.6	
North Indian Flats 24 Fed 15	22	40.9	899.8			5	1554	7770	
	0	0	0			0	0	0	
	0	0	0			0	0	0	
			0					0	
			0					0	
<b>Composite</b>	95	43.0726316	4091.9			8	1627.35	13023.6	

All crude oil for this battery is sold as West Texas Sour due to high sulphur content.

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.

# Big Eddy Unit #74

## North Indian Flats Fed #1, #10, #15

### Eddy Co., NM



- XTO unit
- Big Eddy Development Agr (NMNM 068294X)
- State Lease - all operators, including XTO
- Federal Lease - all operators, including XTO

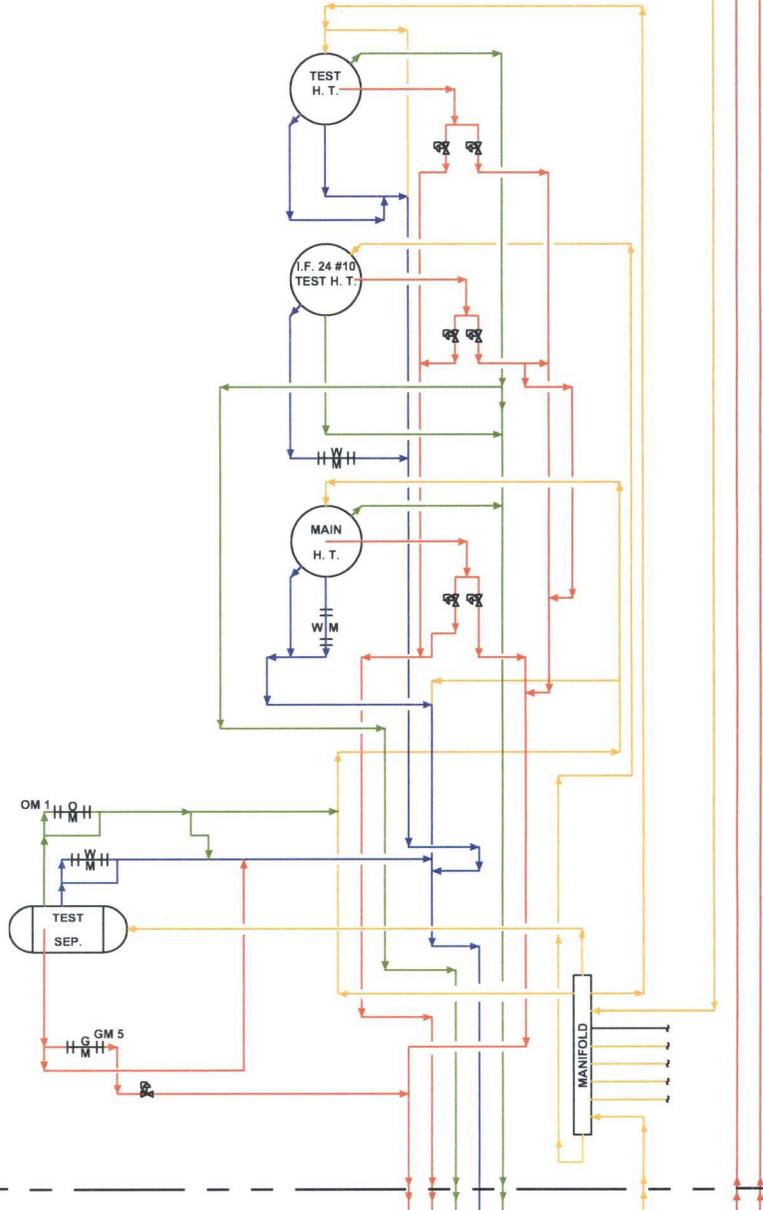
Flare Stack



LACT Valve Phase Details			
Valve ID	Fill	Recycle	Sales/Drain
F1-2	O/C	N/A	O/C
F3-10	O/C	S/C	S/C
S1-5	S/C	S/C	S/O
S6	S/C	S/C	S/C
D1-6	S/C	N/A	O/C
R1-4	S/C	S/O	S/C
R5	S/C	S/C	S/C
E1-3	O/C	O/C	O/C
OOS1-7	S/C	S/C	S/C

O=Open, S/O=Sealed Open, C=Closed,  
S/C=Sealed Closed, O/C=Opened or Closed,  
OOS=Out Of Service

DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
GM1	BEU 74 SALES TO DCP	GAS	742891-00	SALES
GM2	BEU 66 SALES TIE IN	GAS	713258-00	SALES
GM3	BEU 74 CHECK METER	GAS	DBBE08010	CHECK
GM4	BATTERY FLARE METER	GAS	BEU74FLARE	ALLOCATION
GM5	TEST SEP. SKID #2	GAS	DBBE00767S	ALLOCATION
OM1	TEST SEP. SKID #2	OIL	383638	TEST



MATCH LINE FOR CONTINUATION SEE DWG. XTO-DB-00BEU-074TB-SFD-007-0000 MATCH LINE

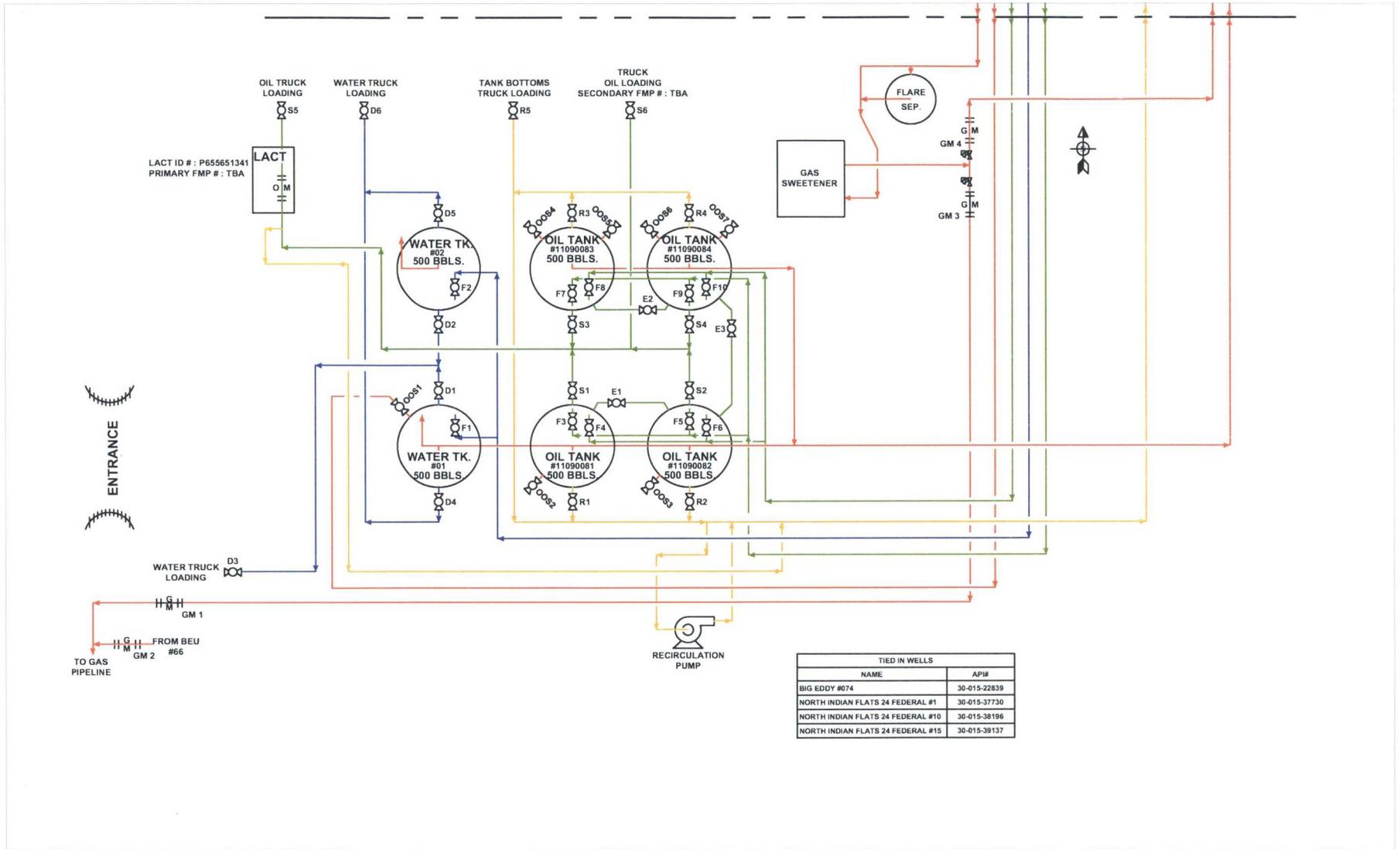
Facility Gas Usage		DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE	Revision	Description of Change	Date	By	XTO PERMAN OPERATING, LLC	BIG EDDY UNIT #74 CENTRAL TANK BATTERY EDDY COUNTY, NEW MEXICO
Equipment	Usage	GM 1	BEU 74 SALES TO DCP	GAS	742891-00	SALES	0	ORIGINAL DRAWING	11/2018	CAH		
TEST HEATER TREATER	8.33 MCFD	GM 2	BEU 66 SALES TIE IN	GAS	713258-00	SALES						SITE FACILITY DIAGRAM SHEET 2 OF 2
PROD. HEATER TREATER	16.67 MCFD	GM 3	BEU 74 CHECK METER	GAS	DBBE08010	CHECK						
PNEUMATIC CONTROLLER	144 SCFD	GM 4	BATTERY FLARE METER	GAS	BEU74FLARE	ALLOCATION						XTO-DD-00BEU-074TB-SFD-008-0182
		GM 5	TEST SEP. SKID #2	GAS	DBBE00767S	ALLOCATION						0
		OM 1	TEST SEP. SKID #2	OIL	383638	TEST						

EMULSION ———  
WATER ———  
OIL ———  
GAS ———

MATCH LINE

FOR CONTINUATION SEE DWG. XTO-DB-00BEU-074TB-SFD-008-0000

MATCH LINE



TIED IN WELLS	
NAME	API#
BIG EDDY #074	30-015-22839
NORTH INDIAN FLATS 24 FEDERAL #1	30-015-37730
NORTH INDIAN FLATS 24 FEDERAL #10	30-015-38196
NORTH INDIAN FLATS 24 FEDERAL #15	30-015-39137

Equipment	Usage	DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
TEST HEATER TREATER	8.33 MCFD	GM 1	BEU 74 SALES TO DCP	GAS	742891-00	SALES
PROD. HEATER TREATER	16.67 MCFD	GM 2	BEU 66 SALES TIE IN	GAS	713258-00	SALES
PNEUMATIC CONTROLLER	144 SCFD	GM 3	BEU 74 CHECK METER	GAS	D88E0001G	CHECK
		GM 4	BATTERY FLARE METER	GAS	BEU74FLARE	ALLOCATION
		GM 5	TEST SEP. SKID #2	GAS	D88E0076TS	ALLOCATION
		GM 1	TEST SEP. SKID #2	OIL	383638	TEST

EMULSION ———  
 WATER ———  
 OIL ———  
 GAS ———

Revision	Description of Change	Date	By	XTO PERMAN OPERATING, LLC
0	ORIGINAL DRAWING	11/2/2018	CAH	

**BIG EDDY UNIT #74**  
 CENTRAL TANK BATTERY  
 EDDY COUNTY, NEW MEXICO

SEC 25-T21S-R28E, API #30-015-22839, FED LEASE ID: NMLC067144 & NMLC68284

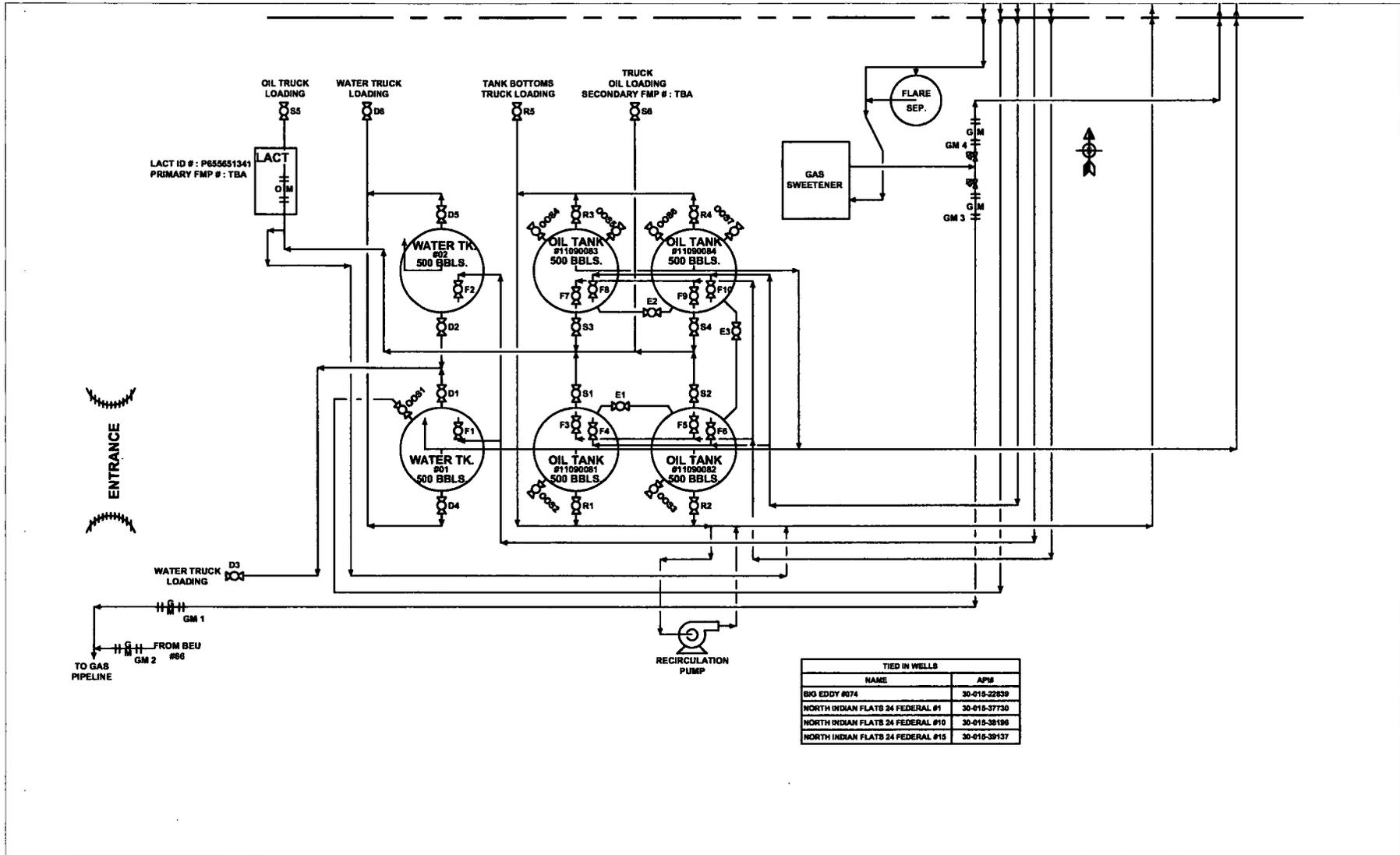
SITE FACILITY DIAGRAM SHEET 1 OF 2

XTO-DD-00BEU-074TB-SFD-007-0182      0

MATCH LINE

FOR CONTINUATION SEE DWG. XTO-DB-00BEU-074TB-SFD-008-0000

MATCH LINE



TIED IN WELLS	
NAME	API#
BIG EDDY #074	30-015-22539
NORTH INDIAN FLATS 24 FEDERAL #1	30-015-37730
NORTH INDIAN FLATS 24 FEDERAL #10	30-015-38196
NORTH INDIAN FLATS 24 FEDERAL #15	30-015-39137

Facility Gas Usage		DRAWING ID	METER DESCRIPTION	TYPE	METER ID #	PURPOSE
Equipment	Usage	GM 1	BEU 74 SALES TO DCP	GAS	712281-00	SALES
		GM 2	BEU 66 SALES TIE IN	GAS	712282-00	SALES
TEST HEATER TREATER	8.33 MCFD	GM 3	BEU 74 CHECK METER	GAS	088220010	CHECK
PROD. HEATER TREATER	16.67 MCFD	GM 4	BATTERY FLARE METER	GAS	BEU74FLARE	ALLOCATION
PNEUMATIC CONTROLLER	144 SCFD	GM 5	TEST SEP. SKID #2	GAS	088220075	ALLOCATION
		GM 1	TEST SEP. SKID #2	OIL	263608	TEST

EMULSION \_\_\_\_\_  
 WATER \_\_\_\_\_  
 OIL \_\_\_\_\_  
 GAS \_\_\_\_\_

Revision	Description of Change	Date	By	XTO PERMAN OPERATING, LLC
0	ORIGINAL DRAWING	11/2/2018	CAH	

**BIG EDDY UNIT #74**  
 CENTRAL TANK BATTERY  
 EDDY COUNTY, NEW MEXICO

SEC. 25-7218-R228, API #30-015-22839, FED LEASE ID: NMLC067144 & NMLC06284

SITE FACILITY DIAGRAM SHEET 1 OF 2

XTO-DD-00BEU-074TB-SFD-007-0182 0

BOPCO, LP		Big Eddy		74
B	25	21 South	28 East	Eddy
660	North	1980	East	
3218.0	Indian Flats Delaware	Undesignated	320 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil, a hatchure mark on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, lease pooling, etc.?

Yes     No    If answer is "Yes," type in consolidation unit

If answer is "no," list the owners and tract descriptions which have not been consolidated, if so, on reverse side of this form if necessary.

All "bushy well" assignments to the well, if interests have been consolidated by communitization, unitization, lease pooling, or otherwise, or interests in stock and/or royalty interests, have been approved by the Commission.

\_\_\_\_\_  
*Ken Lester*  
 Ken Lester  
 Production Clerk  
 Bass Enterprises Prod Co  
 7/11/80

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 knowledge and belief.

\_\_\_\_\_  
 January 17, 1979  
*John W. West*  
 John W. West    676  
 Rough: J. Erison    3239

*dm*

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
1301 W. Grand Avenue, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 15, 2009  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-015-38196</b>	2 Pool Code <b>33735</b> ✓	3 Pool Name <b>Indian Flats (Delaware)</b>
4 Property Code <b>38104</b>	5 Property Name <b>NORTH INDIAN FLATS "24" FED.</b>	
6 Well Number <b>10</b>	8 Operator Name <b>BOPCO, L.P.</b>	9 Elevation <b>3259.9' GL</b>
10 GRID No. <b>260737</b>		

**" Surface Location**

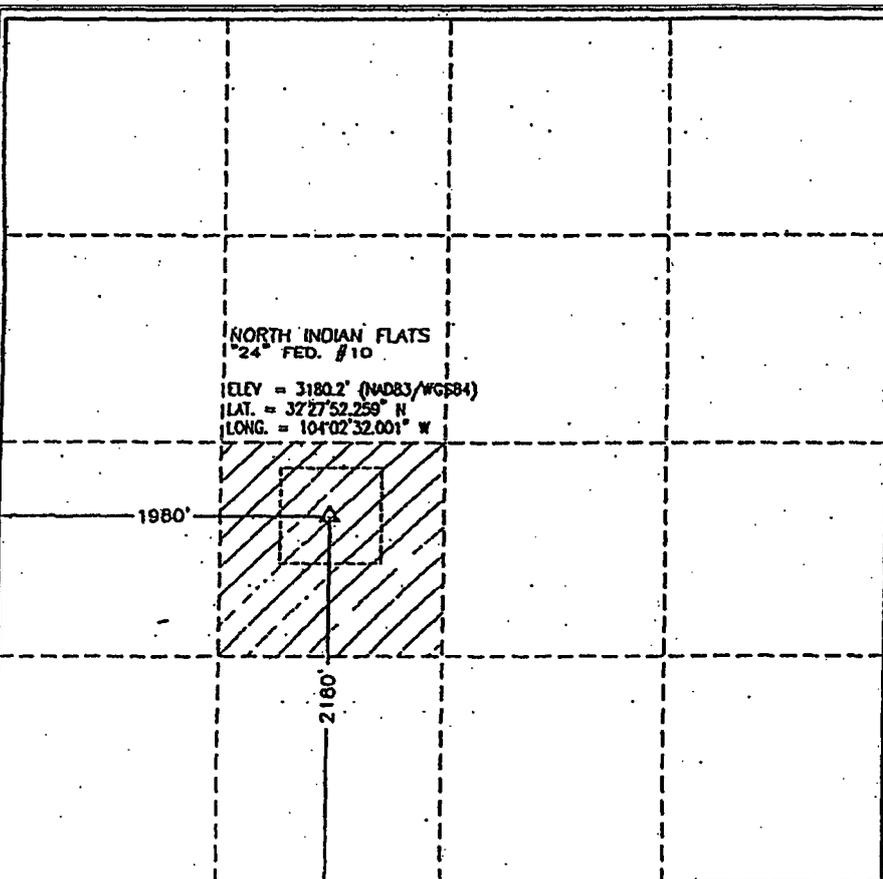
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>K</b>	<b>24</b>	<b>21 S.</b>	<b>28 E.</b>		<b>2180</b>	<b>SOUTH</b>	<b>1980</b>	<b>WEST</b>	<b>EDDY</b>

**" 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

12 Dedicated Acres <b>40</b>	13 Joint or Infill <b>N</b>	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.



**" 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 unshared 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 the owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Gary E. Gerhard* 7/20/10  
Signature Date

**Gary E. Gerhard**  
Printed Name

**" 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: **APR 15 2010**

*[Signature]*  
Signature and Seal of Professional Surveyor

Certificate Number: **12797**  
**MADRON SURVEYING, INC. SURVEY NO. 104**

*MR*



DISTRICT I  
25 N. Pecos Dr. Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico  
Energy Minerals and Natural Resources Department

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

**RECEIVED**  
JUL 1 2010  
NMOGD ARTESIA

Form C-102  
Revised October 15, 2009  
Submit one copy to appropriate District Office

PM

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30-015-37730</b>	Pool Code 33735	Pool Name Indian Flats (Delaware)
Property Code 38104	Property Name NORTH INDIAN FLATS "24" FEDERAL	Well Number 1
OGRID No 260737	Operator Name BOPCO, L P	Elevation 3248'

Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	21 S	28 E		1720	SOUTH	1710	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

Dedicated Acres .40	Joint or Infill N	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

<p style="text-align: center;">SURFACE LOCATION lat - N 32°27'47.61" long - W 104°02'13.02" NMSPCE - N 532378 908           E 632747 852 (740-85)</p>	<p><b>OPERATOR CERTIFICATION</b></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 undleased 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>Gary E Gerhard</i> 2/19/10 Signature Date</p> <p>Gary E Gerhard Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></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>DECEMBER 3 2009 Date Surveyed</p> <p>Signature of Professional Surveyor 7977</p>
	<p>Certificate No Gary L Jones 7977</p> <p>BASIN SURVEYS</p>

MM

DISTRICT I  
1025 N French Dr., Hobbs, NM 88240

DISTRICT II  
1901 W Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., 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-102  
Revised July 16, 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

API Number <b>30-015-39137</b>	Pool Code <b>33735</b>	Pool Name <b>INDIAN FLATS, WEST (DELAWARE)</b>
Property Code <b>38104</b>	Property Name <b>NORTH INDIAN FLATS "24" FEDERAL</b>	Well Number <b>15H</b>
OGRID No. <b>260737</b>	Operator Name <b>BOPCO, L.P.</b>	Elevation <b>3303'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	21 S	28 E		330	NORTH	660	WEST	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

Dedicated Acres <b>40</b>	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**

	<p><b>SURFACE LOCATION</b>          Lat - N 32°28'19.22"          Long - W 104°02'45.51"          NMSPCE- N 535548.105          E 588620.244          (NAD-27)</p>	<p><b>DELAWARE PP</b>          Lat - N 32°28'19.04"          Long - W 104°02'45.51"          NMSPCE- N 535529.91          E 588620.24          (NAD-27)</p>	<p><b>OPERATOR CERTIFICATION</b>          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><u>Sandra J. Belt</u> Signature Date</p> <p><u>Sandra J. Belt</u> Printed Name</p> <p><u>sibeltebasspet.com</u> Email Address</p>
	<p><b>PROPOSED BOTTOM HOLE LOCATION</b>          Lat - N 32°28'11.30"          Long - W 104°02'45.54"          NMSPCE- N 534747.881          E 588619.941          (NAD-27)</p>	<p><b>EOC</b>          Lat - N 32°28'16.38"          Long - W 104°02'45.52"          NMSPCE- N 535261.63          E 588620.14          (NAD-27)</p>	
SCALE 1" = 1000'			<p>Certificate No. Gary L. Jones 7977</p> <p><b>BASIN SURVEYS 23960</b></p>

CERTIFIED MAILING LIST  
BOPCO, LP  
BIG EDDY UNIT 74 BATTERY

Certified # 7013-1710-001-1161-0969

ALICE JEAN TAYLOR  
765 N PHOENIX RD  
MEDFORD, OR. 97504

Certified # 7013-1710-001-1161-0976

BETTY KAY TAYLOR  
1406 KINGS HIGHWAY  
MEDFORD, OR. 97501

Certified # 7013-1710-001-1161-0983

DORIS F BURTON  
713 S WEBSTER ST  
KIMBALL, NE. 69145-1451

Certified # 7013-1710-001-1161-0495

ENCINO PRODUCTION CO INC  
PO BOX 602  
PARIS, TX. 75461-0602

Certified # 7013-1710-001-1161-0501

MCBRIDE OIL & GAS CORP  
PO BOX 1515  
ROSWELL, NM. 88202-1515

Certified # 7013-1710-001-1161-0518

PAUL SLAYTON  
PO BOX 2035  
ROSWELL, NM. 88202-2035

Certified # 7013-1710-001-1161-0525

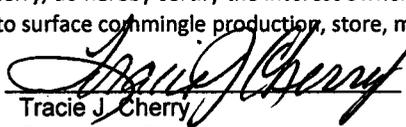
SANDFLY INC  
PO BOX 11371  
MIDLAND, TX. 79702

Certified # 7013-1710-001-1161-0532

SCHELRO LTD  
6510-A SOUTH ACADEMY BLVD  
UNIT #292  
COLORADO SPRINGS, CO. 80906-7601

I, Tracie J Cherry, do hereby certify the interest owners in the wells shown were notified, via certified mail, of BOPCO, LP's application to surface commingle production, store, measure and sell production off lease.

Signed:

  
Tracie J. Cherry

Title:

Regulatory Coordinator

Date:



Submit 1 Copy To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 October 13, 2009

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-015-22839
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LC067144
7. Lease Name or Unit Agreement Name Big Eddy
8. Well Number 74 ✓
9. OGRID Number 260737
10. Pool name or Wildcat Indian Flats (Delaware)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3218' GL

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
BOPCO, L.P.

3. Address of Operator  
P.O. Box 2760  
Midland, TX 79702

4. Well Location  
 Unit Letter B : 660 feet from the North line and 1980 feet from the East line  
 Section 25 Township 21S Range 28E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: Surface Commingle <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BOPCO, L.P. respectfully requests permission for Surface Commingling and Off Lease Storage to the referenced wells from the North Indian Flats 24 Fed #10 located at 2180' FSL & 1980' FWL, Sec 24, T21S, R28E, API # 30-015-38196 and the North Indian Flats 24 Fed #1 located at 1720' FSL & 1710' FEL, Sec 24, T21S, R28E, API # 30-015-37730. BOPCO, L.P. will lay a 2-7/8" steel flowline that will be laid within 50' of the center line of the access road and existing roads which have previously been arch cleared. A 3 phase separator will be installed at the BE #74 battery.

*Reviewed by David Brubz  
 Recommend approval  
 6-27-11*

*CTB-615-B*

Spud Date: 10/21/2009

Rig Release Date: 11/13/2009

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

SIGNATURE \_\_\_\_\_ TITLE Regulatory Clerk DATE 05/31/2011

Type or print name Valerie Truax E-mail address: vltruax@basspet.com PHONE: (432)683-2277  
 For State Use Only

APPROVED BY: *Jim Early* TITLE *ocs Director* DATE *6/28/11*  
 Conditions of Approval (if any):