

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. 30-025-44125
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Neptune 10 State Com
8. Well Number 602H
9. OGRID Number 7377
10. Pool name or Wildcat Triple X; Bone Spring

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
EOG Resources, Inc.

3. Address of Operator
P.O. Box 2267 Midland, TX 79702

4. Well Location
Unit Letter N : 630 feet from the South line and 2197 feet from the West line
Section 10 Township 24S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3606' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Surface Commingling PL-465 ☒

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.

EOG Resources proposes to surface pool commingle wells from the same lease (separate Com) for the following wells and future wells as follows:

Neptune 10 State Com #602H 30-025-44125 (59900) Triple X; Bone Spring
Neptune 10 State Com #704H 30-025-43807 (98135) WC-025 G-09 S243310P; Upper Wolfcamp
Neptune 10 State Com #705H 30-025-43808 (98135) WC-025 G-09 S243310P; Upper Wolfcamp

Surface commingling details attached.
We request future wells be added by filing a C-103.

NMSLO is being notified concurrently with the filing of this application.

Spud Date:

Rig Release Date:

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

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 02/16/2018

Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689

For State Use Only

APPROVED BY: Michael M. Tull TITLE Engineering Bureau DATE 04-06-2018
Conditions of Approval (if any):

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING - BLM

EOG Resources, Inc. ("EOG") respectfully requests approval to surface pool/lease commingle oil & gas from the following wells:

API	WELL NAME	WELL#	LOCATION	POOL CODE/NAME	STATUS	*OIL API/BOPD	*GAS BTU/MCFPD
30-025-44125	Neptune 10 State Com	#602H	N-10-24S-33E	[59900]Triple X; Bone Spring	Permitted	46.28	1357/cft
30-025-43807	Neptune 10 State Com	#704H	M-10-24S-33E	(98135) WC-025 G-09 5243310P; UWC	Permitted	46.28	1357/cft
30-025-43808	Neptune 10 State Com	#705H	N-10-24S-33E	(98135) WC-025 G-09 5243310P; UWC	Permitted	46.28	1357/cft

*projected, pending completion

GENERAL INFORMATION:

- State lease VO-4368-1 covers 160.13 acres, being Lot 4, NW/4 SW/4, S/2 SW/4 of section 3 in Township 24 South, Range 33 East, Lea County, New Mexico.
- State lease VO-5289-2 covers 480.23 acres, being Lot 1, Lot 2, Lot 3, S/2 N/2, NE/4 SW/4, SE/4 of section 3 in Township 24 South, Range 33 East, Lea County, New Mexico.
- State lease VO-4397-2 covers 480 acres, being the N/2, SW/4 of section 10 in Township 24 South, Range 33 East, Lea County, New Mexico.
- The E2W2-3 of VO-4368-1, E2W2-3 of VO-5289-2, E2W2-10 of VO-4397-2 will be communitized for the Wolfcamp formation and the Bone Spring formation. A State form of communitization will be submitted to the New Mexico State Land Office for approval.
- The W2W2-3 of VO-4368-1, W2W2-3 of VO-5289-2, W2W2-10 of VO-4397-2 will be communitized for the Wolfcamp formation. A State form of communitization will be submitted to the New Mexico State Land Office for approval.
- The central tank battery to service the subject wells is located in the N2E2 of section 10-24S-33E.
- Ownership is identical in each of the subject wells.
- An application to commingle production from the subject wells is being submitted to the NMSLO and the NMOCD.
- Enclosed herewith is (1) a map that displays the leases, the location of the subject wells, and the proposed CTB, (2) a process flow diagram, (3) and the C-102 plat for each of the wells.

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING - BLM

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- Enclosed herewith is (1) a map that displays the leases, the location of the subject wells, and the proposed CTB, (2) a process flow diagram, (3) and the C-102 plat for each of the wells.

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Proposal for NEPTUNE E CTB:

EOG Resources, Inc. is requesting approval to commingle the following wells in a common central tank battery:

Federal Lease # NM #####	Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFPD	BTU
	NEPTUNE 10 STATE COM #602H		30-025-44125		*1724	*46.28	*3279	*1357
	NEPTUNE 10 STATE COM #704H		30-025-43807		*1724	*46.28	*3279	*1357
	NEPTUNE 10 STATE COM #705H		30-025-43808		*1724	*46.28	*3279	*1357

*Estimated numbers for these wells; will provide actual numbers once these wells are producing.

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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-		² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 313956	⁵ Property Name NEPTUNE 10 STATE COM		⁶ Well Number #704H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3607'

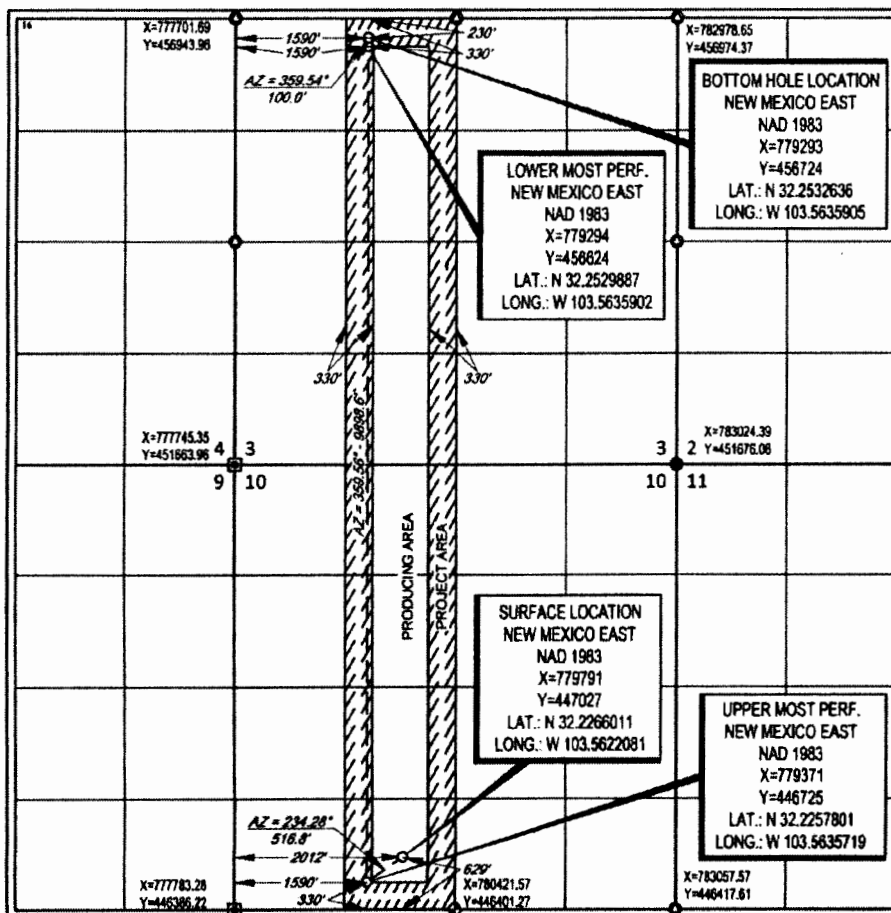
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	24-S	33-E	-	629'	SOUTH	2012'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	3	24-S	33-E	-	230'	NORTH	1590'	WEST	LEA

¹¹ Dedicated Acres 320.10	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



¹⁷OPERATOR 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 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.

Stan Wagner 5/16/17
Signature Date

Stan Wagner
Printed Name

E-mail Address

¹⁸SURVEYOR 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 to the best of my belief.

Date of Survey
Signature

04/26/2017
MACHADO
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

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OIL CONSERVATION DIVISION
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FORM C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-		² Pool Code 98135		³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp	
⁴ Property Code 313956		⁵ Property Name NEPTUNE 10 STATE COM			⁶ Well Number #705H
⁷ GRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3607'

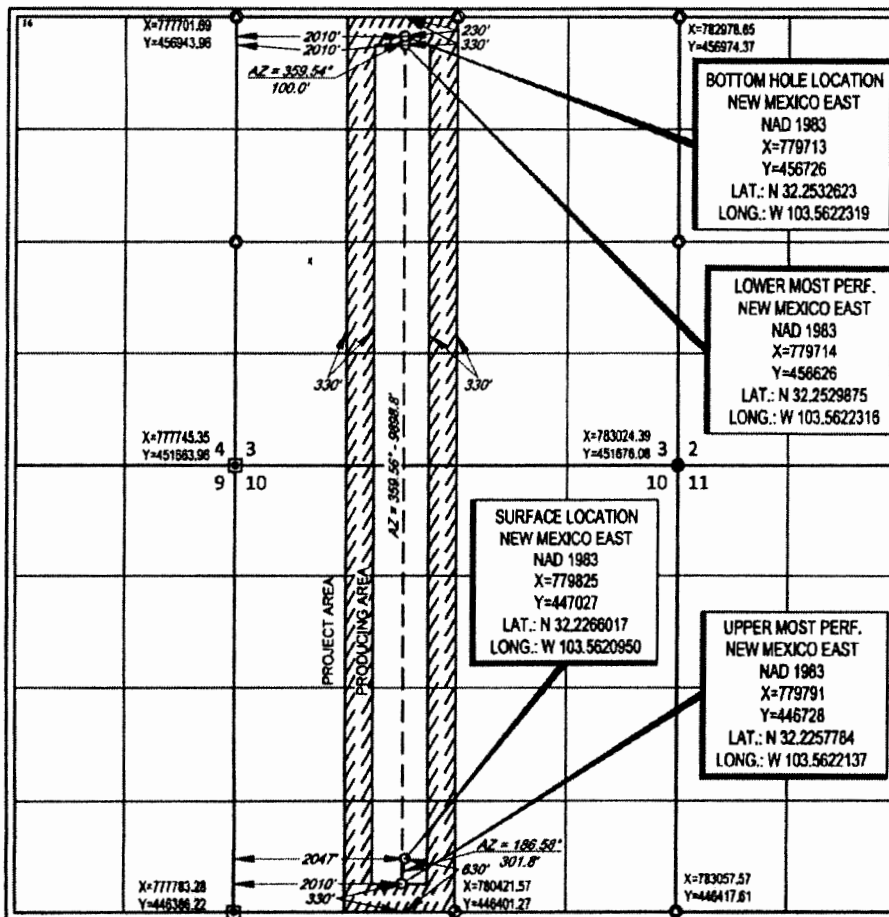
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	24-S	33-E	-	630'	SOUTH	2047'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	3	24-S	33-E	-	230'	NORTH	2010'	WEST	LEA

¹¹ Dedicated Acres 320.110	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



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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.

Stan Wagner 5/16/17
Signature Date

Stan Wagner
Printed Name

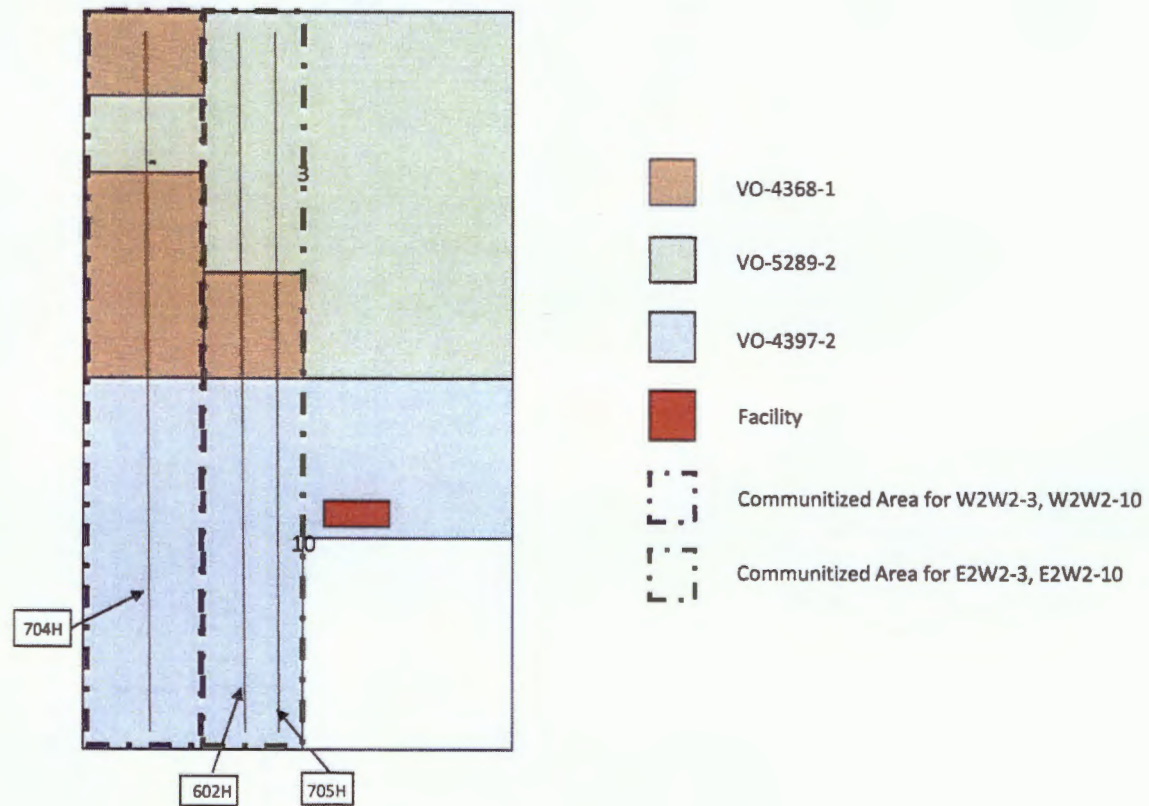
E-mail Address

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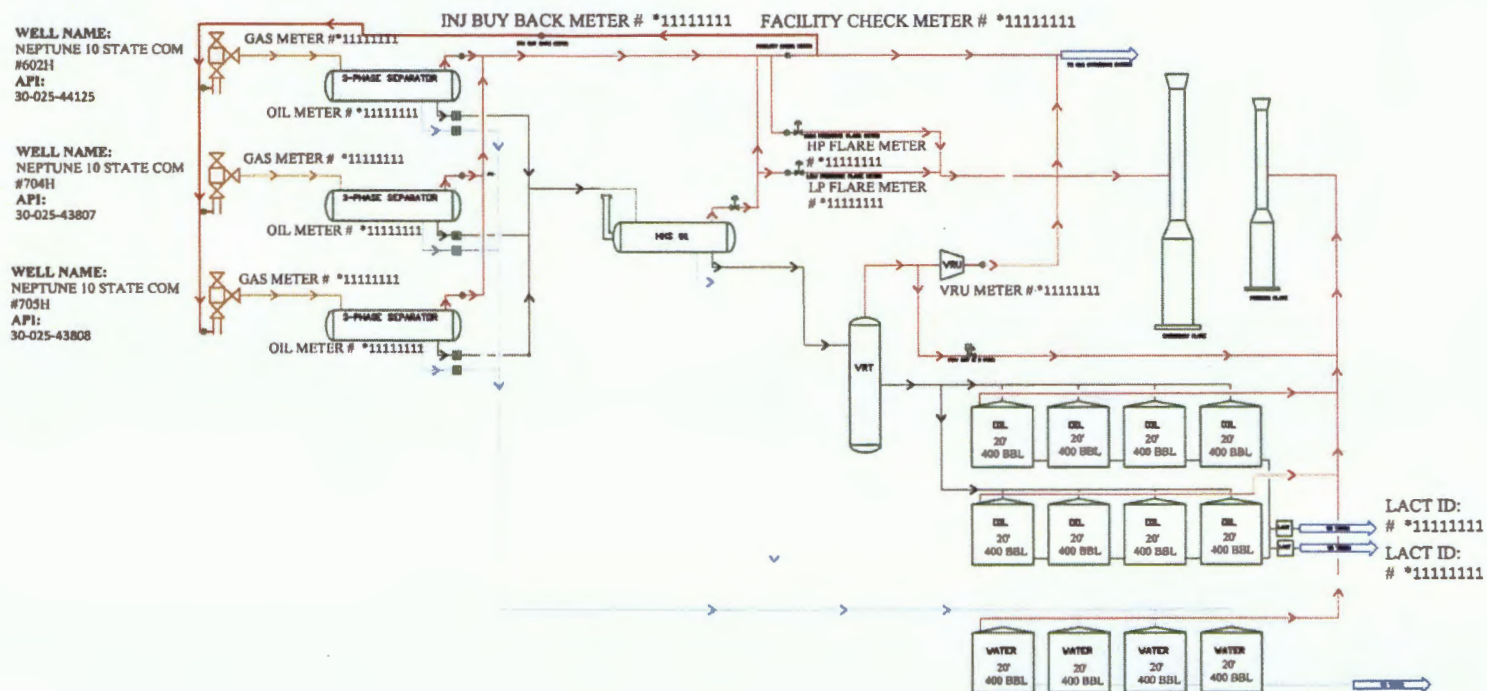
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

04/26/2017
Date of Survey
Signature and Seal
MICHAEL BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

Neptune 10 State Com #604H, #704H, & #705H
Section 3-24S-33E, Section 10-24S-33E Lea County, NM
Well Layout and CTB location



FACILITY NAME: NEPTUNE EAST CTB / SW / NE



*11111111 Meter Numbers will be provided after the facility has been built.

Gas Orifice Meter
Liquid Meter

NEPTUNE EAST CTB FACILITY PROCESS FLOW

EDG RESOURCES
MIDLAND DIVISION

BY: BKW

rev. 00
2/7/2018

Process and Flow Descriptions:

The production from each well will flow into a dedicated 3-phase separator. The production stream will be separated into 3 independent streams (gas, oil, and water) by the separator and each stream will be measured individually after it exits the separator. The gas will be measured using a senior orifice meter and used to allocate total volume measured at the facility check meter, high pressure flare meter, and low pressure flare meter.

NEPTUNE 10 STATE COM#602H gas allocation meter is an Emerson orifice meter (S/N *1111111)

NEPTUNE 10 STATE COM#704H gas allocation meter is an Emerson orifice meter (S/N *1111111)

NEPTUNE 10 STATE COM#705H gas allocation meter is an Emerson orifice meter (S/N *1111111)

The oil from the separators will be measured using a Coriolis meter.

NEPTUNE 10 STATE COM#602H oil allocation meter is a FMC Coriolis meter (S/N *1111111)

NEPTUNE 10 STATE COM#704H oil allocation meter is a FMC Coriolis meter (S/N *1111111)

NEPTUNE 10 STATE COM#705H oil allocation meter is a FMC Coriolis meter (S/N *1111111)

The water will be measured using a turbine meter. The water from each separator is combined in a common header and flows into (4) 400 barrel coated steel tanks. Guided wave radar is used to measure water volumes in these tanks. The oil from each separator will be combined into a common header and flow into a heated horizontal separator (HHS) to aid separation of water entrained in the oil. Water from the heated separator flows into the common water header connected to the (4) 400 barrel water tanks. The water is then pumped and/or trucked to a salt water disposal well. The oil from the heated separator flows through a vapor recovery tower (VRT) where gas is allowed to breakout at a lower pressure, and then the oil flows into (8) 400 barrel coated steel tanks. Guided wave radar is used to measure water and oil volumes in these tanks. Oil is pumped out of the tanks through a Coriolis meter into a truck or a pipeline. Every tank utilizes a guided wave radar to determine the volume of product in each. After the gas from each separator is measured it is combined into a common header. The gas from the heated separator also flows into this header. The gas flows through the header to a custody transfer Emerson orifice meter (S/N *1111111) that serves as our lease production meter. If the pipeline is experiencing problems and cannot take any gas, the gas will flow through the high pressure and low pressure flare meters (S/N *1111111) and (S/N *1111111) to the flare. The overhead gas from the vapor recovery tower is compressed by a vapor recovery compressor and then measured by a custody transfer Emerson orifice meter (S/N *1111111). The gas from the vapor recovery system combines with the gas from the lease production meter and flows into our gas gathering pipeline system.

*Meter numbers will be provided upon installation of meters and completion of the facility.