

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

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.)		WELL API NO. 30-025-44124
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Neptune 10 State Com
4. Well Location Unit Letter M : 164 feet from the South line and 1082 feet from the West line Section 10 Township 24S Range 33E NMPM County Lea		8. Well Number 601H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3613' GR		9. OGRID Number 7377
		10. Pool name or Wildcat Triple X; Bone Spring

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: ☐

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 requests an amendment to our approved surface commingling order PLC-465. Adding additional wells:

Neptune 10 State Com #601H 30-025-44124 (59900) Triple X; Bone Spring
Neptune 10 State Com #702H 30-025-43805 (98135) WC-025 G-09 S243310P; Upper Wolfcamp
Neptune 10 State Com #703H 30-025-43806 (98135) WC-025 G-09 S243310P; Upper Wolfcamp

Subsequently drilled wells that produce from the subject pool within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

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

Spud Date:

Rig Release Date:

~~Not Recommended Approval Subject to Approval~~
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Stan Wagner
Stan Wagner

TITLE

Regulatory Analyst

DATE

2/16/2018

Type or print name

E-mail address:

PHONE:

432-686-3689

For State Use Only

APPROVED BY:

Indef M...

TITLE

Engineering Bureau

DATE

10-16-2018

Conditions of Approval (if any):

Gas Drift Meter

M Liquid Meter

NEPTUNE 10 STATE CDM CTB
FACILITY PROCESS FLOWEDG RESOURCES
MIDLAND DIVISIONrev. 00
1/8/2018

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 #501H gas allocation meter is an Emerson orifice meter (S/N 60381105)

NEPTUNE 10 STATE COM #502H gas allocation meter is an Emerson orifice meter (S/N 60381106)

NEPTUNE 10 STATE COM #503H gas allocation meter is an Emerson orifice meter (S/N 60381181)

NEPTUNE 10 STATE COM #504H gas allocation meter is an Emerson orifice meter (S/N 60381180)

NEPTUNE 10 STATE COM #505H gas allocation meter is an Emerson orifice meter (S/N 60381182)

NEPTUNE 10 STATE COM #701H gas allocation meter is an Emerson orifice meter (S/N 60381183)

NEPTUNE 10 STATE COM #601H gas allocation meter is an Emerson orifice meter (S/N *11111111)

NEPTUNE 10 STATE COM #702H gas allocation meter is an Emerson orifice meter (S/N *11111111)

NEPTUNE 10 STATE COM #703H gas allocation meter is an Emerson orifice meter (S/N *11111111)

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

NEPTUNE 10 STATE COM #501H oil allocation meter is a FMC Coriolis meter (S/N 10-72330)

NEPTUNE 10 STATE COM #502H oil allocation meter is a FMC Coriolis meter (S/N 10-72570)

NEPTUNE 10 STATE COM #503H oil allocation meter is a FMC Coriolis meter (S/N 10-72871)

NEPTUNE 10 STATE COM #504H oil allocation meter is a FMC Coriolis meter (S/N 10-73504)

NEPTUNE 10 STATE COM #505H oil allocation meter is a FMC Coriolis meter (S/N 10-73505)

NEPTUNE 10 STATE COM #701H oil allocation meter is a FMC Coriolis meter (S/N 10-72870)

NEPTUNE 10 STATE COM #601H oil allocation meter is a FMC Coriolis meter (S/N *11111111)

NEPTUNE 10 STATE COM #702H oil allocation meter is a FMC Coriolis meter (S/N *11111111)

NEPTUNE 10 STATE COM #703H oil allocation meter is a FMC Coriolis meter (S/N *11111111)

The water will be measured using a vortex meter. The water from each separator is combined in a common header and flows into (4) 500 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) 500 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) 500 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 (#60389011) 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 (#60387053 and # 60387054) 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 (#60385039). 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.

APPLICATION FOR, COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Proposal for RUBY 2 STATE COM CTB:

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

STATE Lease # NM #####

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFPD	BTU
NEPTUNE 10 STATE COM #501H		30-025-42322		134	*44	440	1266
NEPTUNE 10 STATE COM #502H		30-025-42323		135	*44	148	1307
NEPTUNE 10 STATE COM #503H		30-025-43454		597	*44	630	1332
NEPTUNE 10 STATE COM #504H		30-025-43455		502	*44	553	1338
NEPTUNE 10 STATE COM #505H		30-025-43456		252	*44	112	1334
NEPTUNE 10 STATE COM #701H		30-025-43457		563	*44	1258	1314
NEPTUNE 10 STATE COM #601H		30-025-44124		*725	*44	*414	*1333
NEPTUNE 10 STATE COM #702H		30-025-43805		*725	*44	*414	*1333
NEPTUNE 10 STATE COM #703H		30-025-43806		*725	*44	*414	*1333

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

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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Sante 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 59900	³ Pool Name Triple X; Bone Spring
⁴ Property Code 313956	⁵ Property Name NEPTUNE 10 STATE COM	⁶ Well Number #601H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3613'

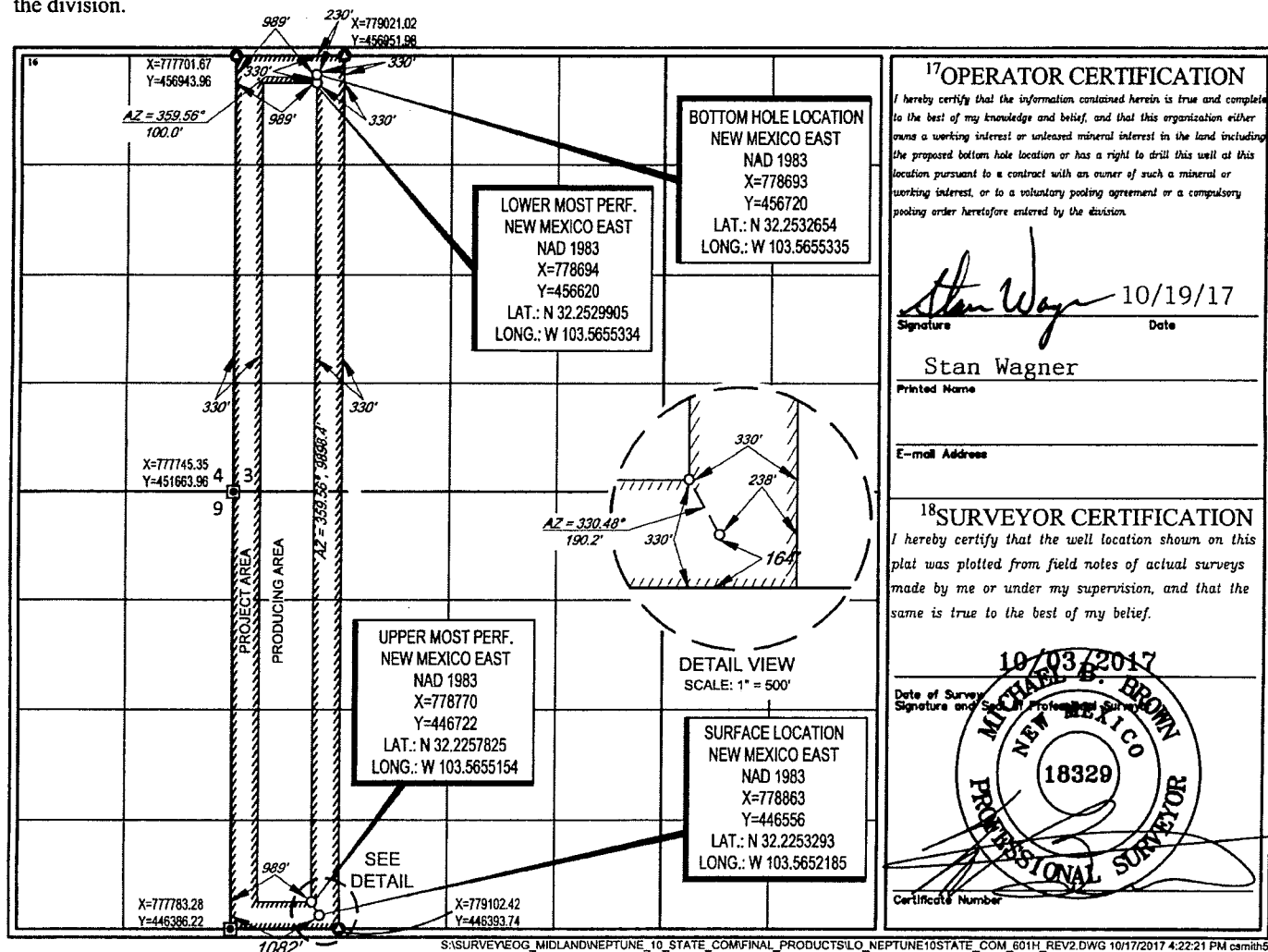
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	24-S	33-E	-	164'	SOUTH	1082'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	3	24-S	33-E	-	230'	NORTH	989'	WEST	LEA

¹² Dedicated Acres 320.00	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.



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 #703H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3613'

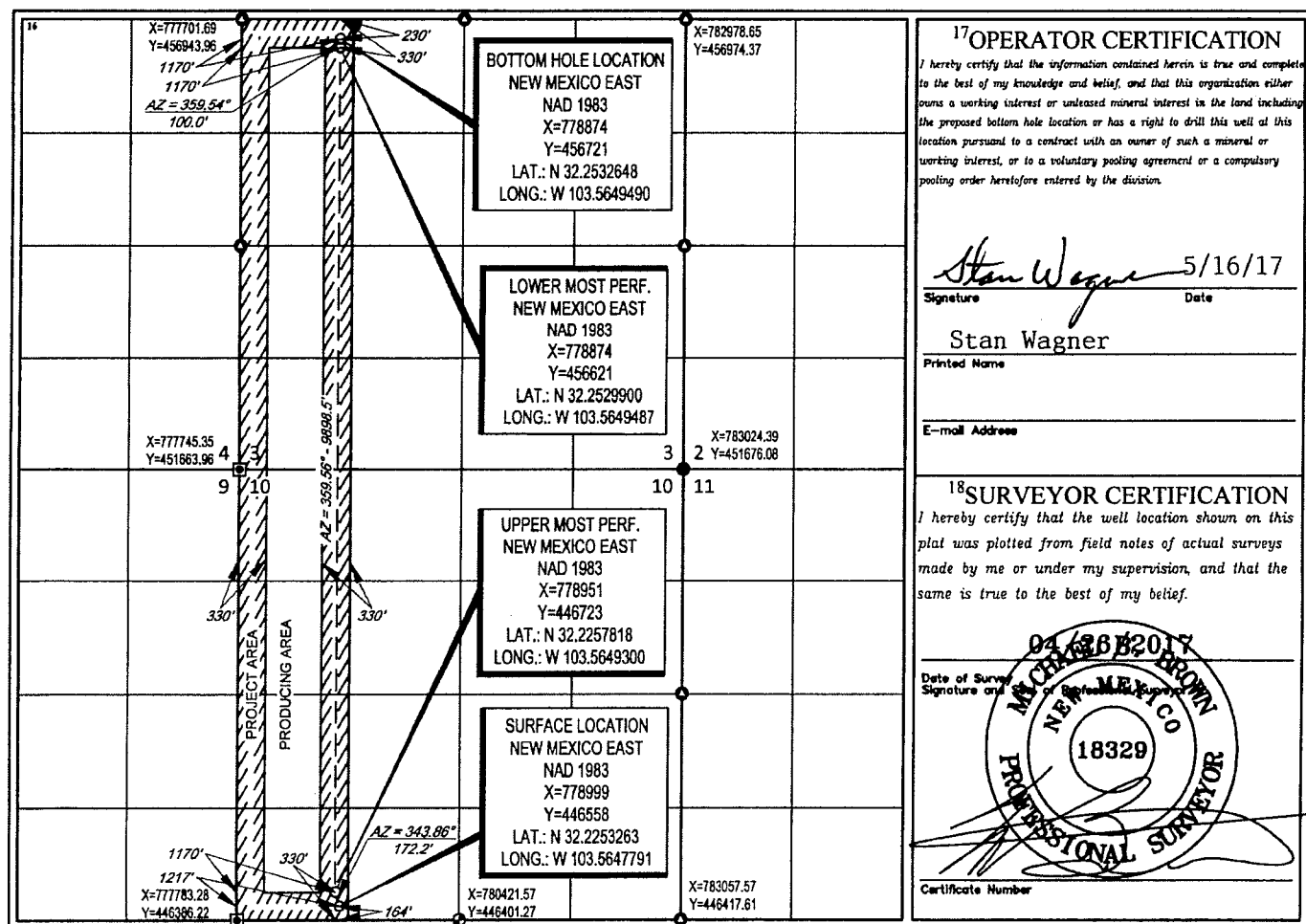
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	24-S	33-E	-	164'	SOUTH	1217'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	3	24-S	33-E	-	230'	NORTH	1170'	WEST	LEA

¹² Dedicated Acres 320.13	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 44124	² Pool Code 59900	³ Pool Name Triple X; Bone Spring
⁴ Property Code 313956	⁵ Property Name NEPTUNE 10 STATE COM	⁶ Well Number #601H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3613'

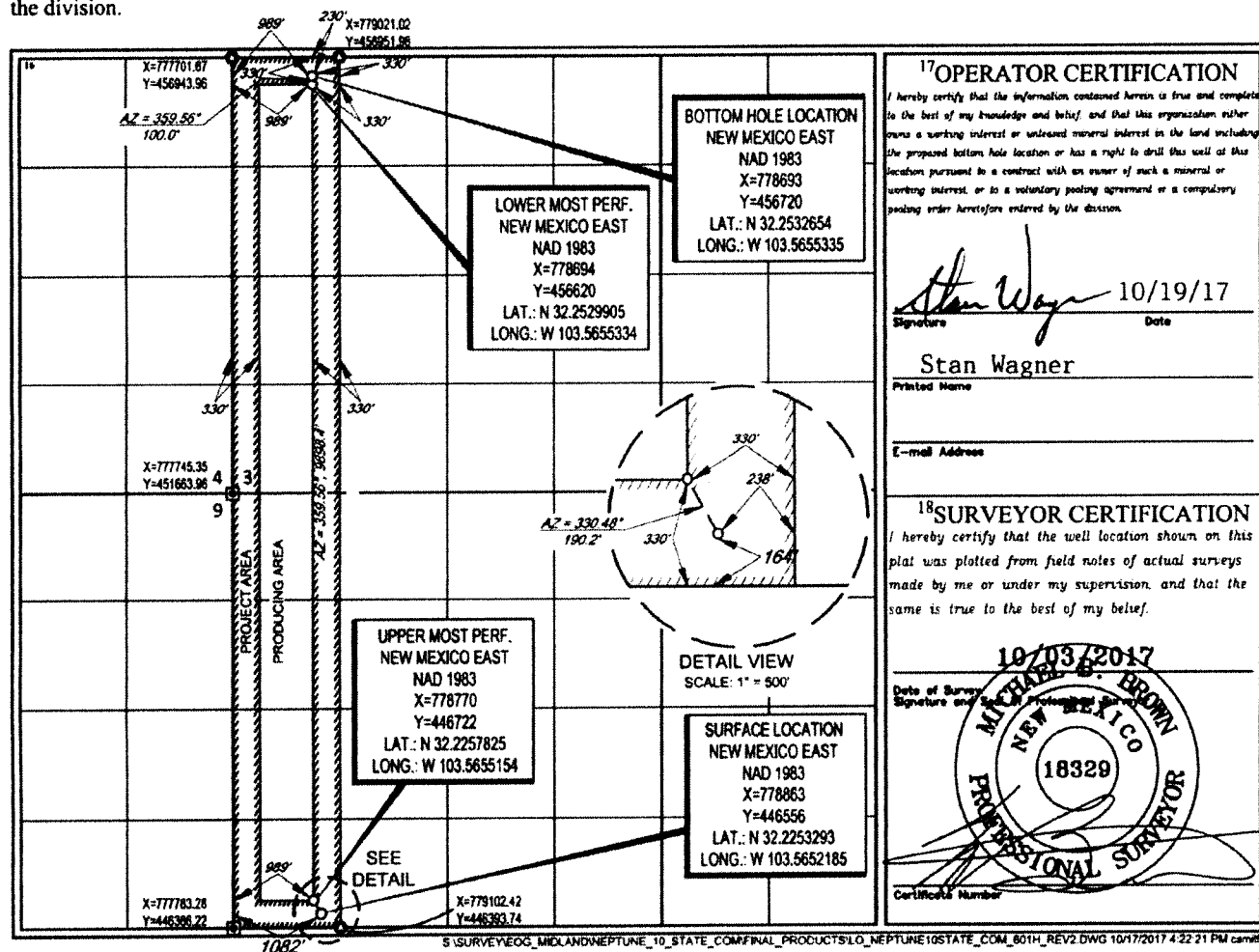
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	10	24-S	33-E	-	164'	SOUTH	1082'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	3	24-S	33-E	-	230'	NORTH	989'	WEST	LEA

¹¹ Dedicated Acres	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.
320.00			

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 43806		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 #703H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3613'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
M	10	24-S	33-E	-	164'	SOUTH	1217'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
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¹¹ Dedicated Acres	¹² Joint or Infill	¹³ Consolidation Code	¹⁵ Order No.
320.13			

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