

P.O. Box 2267, Midland, Texas 79702 Phone: (432) 848-9133

#### Certified Mail-Return Receipt

Date: February 28, 2020

Re: Surface Pool/Lease Commingling Application Amendment; Hemlock 32

State 201H, 202H, 203H, 204H, 503H and Yarrow 32 State 705H

#### Dear Sir/Madam:

Enclosed please find EOG Resources, Inc.'s amendment to commingling order PLC-620 filed this date with the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office. Under PLC-620, New Mexico State leases VB-1169-0001 and V0-6276-0001 were approved for surface commingling in the TRIPLE X; BONE SPRING (59900) and WC-025 G-09 S243310P; Upper Wolfcamp (98135) pools. Pursuant to Statewide rule 19.15.12.10 (C)(4)(g) EOG requests that the above referenced wells associated with the approved leases and pools be added to PLC-620.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date the Division received this application.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) EOG Resources, Inc. requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact me at 432-247-6331 or lisa\_trascher@eogresources.com

Kind regards,

**EOG Resources, Inc.** 

By: <u>Lisa Trascher</u> Lisa Trascher

Regulatory Specialist

Commingling Amendment for Hemlock 32 State CTB EOG Resources, Inc.

EXHIBIT A- Notice List

New Mexico Oil Conservation Division

Attn: Mr. Dean McClure Via OCD Online New Mexico Oil Conservation Division

Attn: Mr. Paul Kautz 1625 N. French Drive Hobbs, New Mexico 88240 7018 1130 0001 3044 3123 Commissioner of Public Lands

Attn: Scott Dawson P.O. Box 1148

Santa Fe, NM 87504-1148 7018 1130 0001 3044 3109

Sharbro Energy LLC PO Box 840

Artesia, New Mexico 88211-0840 7018 1130 0001 3044 3093

Lisa Trascher

Oxy Y 1 Company PO Box 27570

Houston , Texas 77227-7570 7018 1130 0001 3044 3086 EOG Resources, Inc. P.O. Box 2267

Midland, Texas 79702

Copies of this application were mailed to the following individuals, companies, and organizations on or before <u>February 28</u>, 2020.

Lisa Trascher

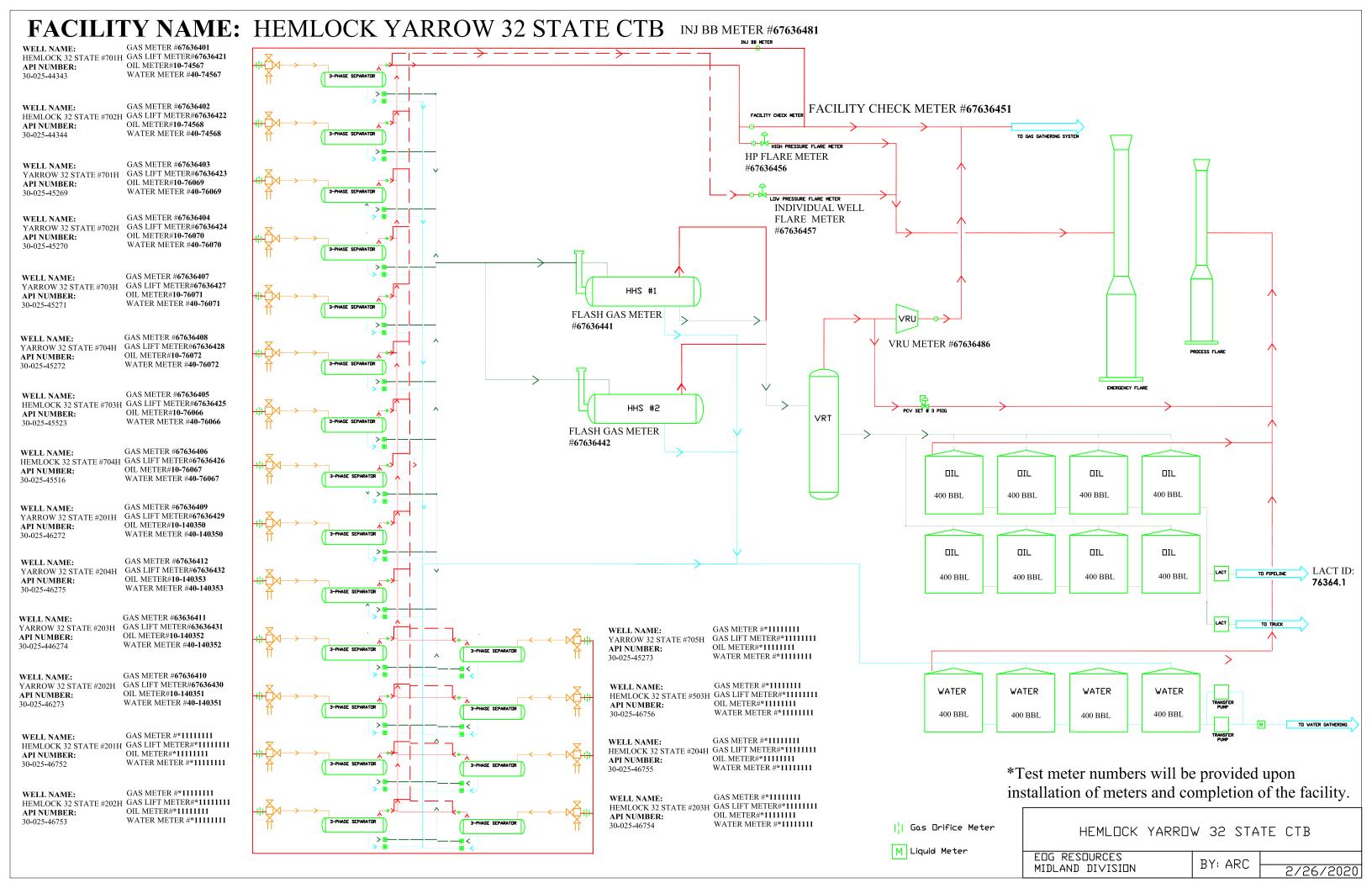
EOG Resources, Inc.

Submit 1 Copy To Appropriate District Office		New Mexico and Natural Resources	Form C-103 Revised July 18, 2013		
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283		ATION DIVISION	WELL API NO. 30-025-46752		
811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178		St. Francis Dr.	5. Indicate Type of Lease  STATE   FEE		
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe,	6. State Oil & Gas Lease No.			
1220 S. St. Francis Dr., Santa Fe, NM 87505	Hemlock 32 State				
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPL PROPOSALS.)	7. Lease Name or Unit Agreement Name VB-1169-0001 & V0-6276-0001				
1. Type of Well: Oil Well	Gas Well  Other		8. Well Number 201H		
2. Name of Operator EOG Resources, Inc.			9. OGRID Number 7377		
3. Address of Operator	2702		10. Pool name or Wildcat		
P.O. Box 2267 Midland, Texas 79 4. Well Location	0702		Triple X; Bone Spring [59900]		
Unit Letter M	:304feet from the	South line and	_501feet from theWestline		
Section 32	Township	23S Range 33H	E NMPM Lea County		
	11. Elevation (Show whe	ether DR, RKB, RT, GR, etc	.)		
12. Check	Appropriate Box to Ind	licate Nature of Notice,	Report or Other Data		
NOTICE OF I	NTENTION TO:	SUE	SEQUENT REPORT OF:		
PERFORM REMEDIAL WORK		REMEDIAL WOR			
TEMPORARILY ABANDON DULL OR ALTER CASING	CHANGE PLANS MULTIPLE COMPL	COMMENCE DR	ILLING OPNS.□ P AND A □ IT JOB □		
DOWNHOLE COMMINGLE		O/ (OII VO/ OZ WIZ) (			
CLOSED-LOOP SYSTEM OTHER: Surf.	 ace Commingle		П		
13. Describe proposed or comp	pleted operations. (Clearly	state all pertinent details, ar	nd give pertinent dates, including estimated date		
of starting any proposed w proposed completion or re		4 NMAC. For Multiple Co	empletions: Attach wellbore diagram of		
EOG Resources, Inc. respectfully re	equests to amend PLC-620 t	to include the following wel	lls:		
Hemlock 32 State 201H		Triple X; Bone Spring [599	-		
Hemlock 32 State 202H Hemlock 32 State 203H		Triple X; Bone Spring [599 Triple X; Bone Spring [599			
Hemlock 32 State 204H		Triple X; Bone Spring [599			
Hemlock 32 State 503H		Triple X; Bone Spring [599			
Yarrow 32 State 705H	API: 30-025-45273	WC-025 G-09 S243310P; U	Opper Wollcamp [98133]		
TN		1' 0' .	I 1000 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
notice of this application.	imentation. These wells have	ve diverse ownersnip. State	Land Office and all owners have received		
Spud Date:	Rig Re	elease Date:			
I hereby certify that the information	a shove is true and complete	to the best of my knowledge	yo and baliaf		
• •	•				
SIGNATURE Lisa Trasc	charTITLI	ERegulatory Spec	cialistDATE2/28/2020		
Type or print nameLisa Tra For State Use Only	ascher E-mail addre	ess:lisa_trascher@eogre	esources.com PHONE:432-247-6331		

\_TITLE\_

\_DATE\_

APPROVED BY:\_\_\_\_\_Conditions of Approval (if any):



#### **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.

```
Hemlock 32 State #701H gas allocation meter is (S/N 67636401)
Hemlock 32 State #702H gas allocation meter is (S/N 67636402)
Hemlock 32 State #703H gas allocation meter is (S/N 67636405)
Hemlock 32 State #704H gas allocation meter is (S/N 67636406)
Yarrow 32 State #701H gas allocation meter is (S/N 67636403)
Yarrow 32 State #702H gas allocation meter is (S/N 67636404)
Yarrow 32 State #703H gas allocation meter is (S/N 67636407)
Yarrow 32 State #704H gas allocation meter is (S/N 67636408)
Yarrow 32 State #201H gas allocation meter is (S/N 67636409)
Yarrow 32 State #202H gas allocation meter is (S/N 67636410)
Yarrow 32 State #203H gas allocation meter is (S/N 67636411)
Yarrow 32 State #204H gas allocation meter is (S/N 67636412)
Hemlock 32 State 201H gas allocation meter is (S/N *11111111)
Hemlock 32 State 202H gas allocation meter is (S/N *11111111)
Hemlock 32 State 203H gas allocation meter is (S/N *11111111)
Hemlock 32 State 204H gas allocation meter is (S/N *11111111)
Hemlock 32 State 503H gas allocation meter is (S/N *11111111)
Yarrow 32 State 705H gas allocation meter is (S/N *11111111)
```

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

```
Hemlock 32 State #701H oil allocation meter is (S/N 10-74567)
Hemlock 32 State #702H oil allocation meter is (S/N 10-74568)
Hemlock 32 State #703H oil allocation meter is (S/N 10-76066)
Hemlock 32 State #704H oil allocation meter is (S/N 10-76067)
Yarrow 32 State #701H oil allocation meter is (S/N 10-76069)
Yarrow 32 State #702H oil allocation meter is (S/N 10-76070)
Yarrow 32 State #703H oil allocation meter is (S/N 10-76071)
Yarrow 32 State #704H oil allocation meter is (S/N 10-76072)
Yarrow 32 State #201H oil allocation meter is (S/N 10-140350)
Yarrow 32 State #202H oil allocation meter is (S/N 10-140351)
Yarrow 32 State #203H oil allocation meter is (S/N 10-140352)
Yarrow 32 State #204H oil allocation meter is (S/N 10-140353)
Hemlock 32 State 201H oil allocation meter is (S/N *11111111)
Hemlock 32 State 202H oil allocation meter is (S/N *11111111)
Hemlock 32 State 203H oil allocation meter is (S/N *11111111)
Hemlock 32 State 204H oil allocation meter is (S/N *11111111)
Hemlock 32 State 503H oil allocation meter is (S/N *11111111)
Yarrow 32 State 705H oil allocation meter is (S/N *11111111)
```

The flash gas to sales that separates from the oil in the low pressure separators after it has passed the individual well oil allocation meters will be metered using a senior orifice meter and allocated back to the wells based on the individual well oil allocation meters.

HEMLOCK 32 STATE CTB FG #1 gas allocation meter is (S/N 67636441) HEMLOCK 32 STATE CTB FG #2 gas allocation meter is (S/N 67636442)

The water will be measured using a vortex 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 orifice meter (#67636451) 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 flare meter (#67636456) to the flare. If an individual well needed to be flared for any operation reason it will be manually routed through the individual well flare meter (#67636457) 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 (#67636486). 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.

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

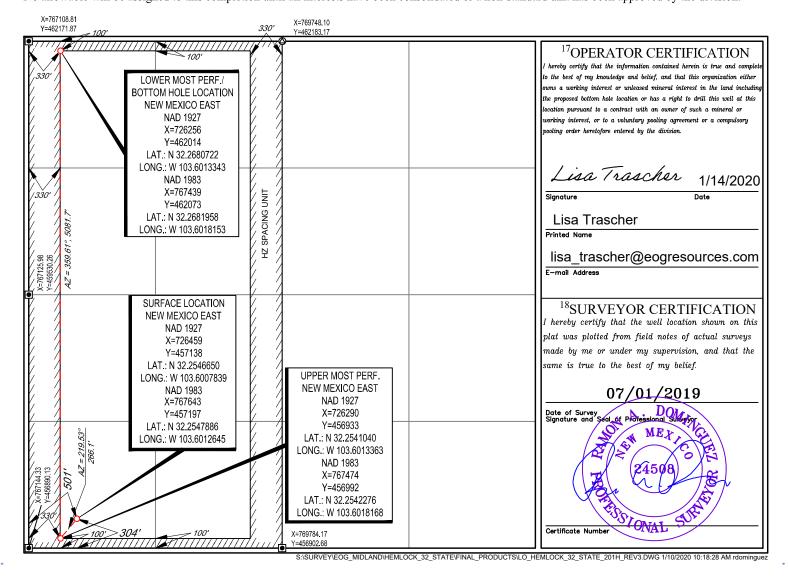
\_\_ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe	er	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
30-025-46752	59	9900	TRIPLE X; BONE SPRING		
<sup>4</sup> Property Code		<sup>5</sup> Pro	operty Name	<sup>6</sup> Well Number	
		HEMLOC	K 32 STATE	201H	
<sup>7</sup> OGRID No.		<sup>8</sup> Op	erator Name	<sup>9</sup> Elevation	
7377		EOG RES	OURCES, INC.	3661'	

<sup>10</sup>Surface Location

M	32	23-S	33-E	—	304'	SOUTH	501'	WEST	LEA		
	<sup>11</sup> Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Section Township Ra		Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
D	32	23-S	33-E	_	100'	NORTH	330'	WEST	LEA		
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or	Infill 14Co	nsolidation Co	de <sup>15</sup> Ord	er No.						
320											



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
AMENDED	KEI OKI

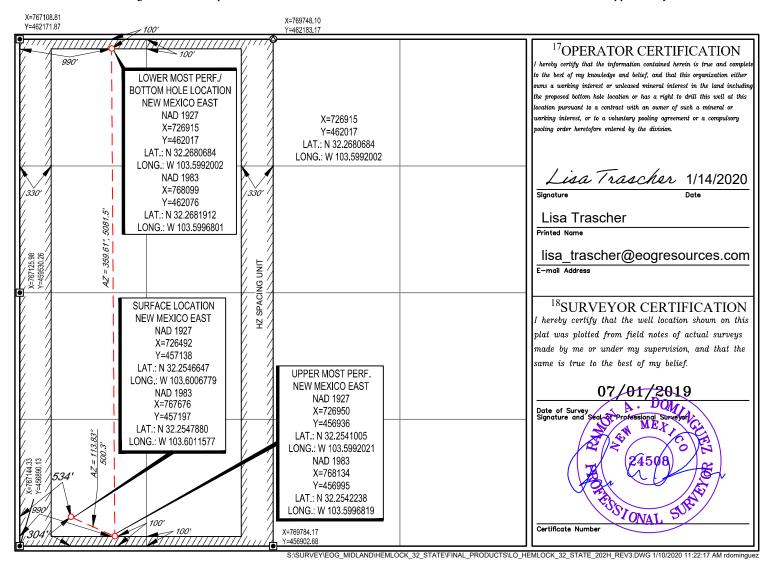
# WELL LOCATION AND ACREAGE DEDICATION PLAT

Ī	<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
	30-025-46753		59900	TRIPLE X; BONE SPRING		
ſ	<sup>4</sup> Property Code		51	Property Name	<sup>6</sup> Well Number	
			HEMLO	CK 32 STATE	202H	
Ī	<sup>7</sup> OGRID No.		8(	Operator Name	<sup>9</sup> Elevation	
	7377		EOG RE	SOURCES, INC.	3661'	

10 Surface Location

M			—	304'	SOUTH	534'	WEST	LEA			
<sup>11</sup> 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		
D	32	23-S	33-E	_	100'	NORTH	990'	WEST	LEA		

12 Dedicated Acres 320 13 Joint or Infill 14 Consolidation Code 15 Order No.



320

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

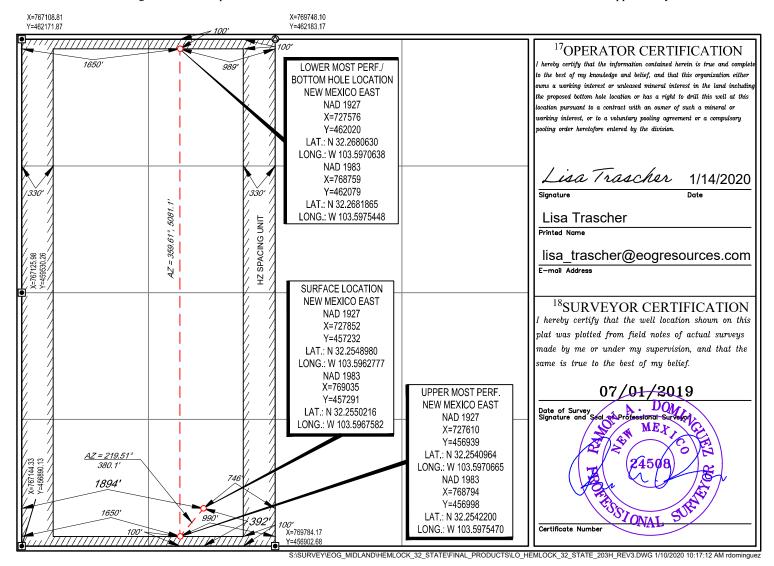
East/West line

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
30-025-46754		59900	TRIPLE X; BONE SPRING		
<sup>4</sup> Property Code		<sup>5</sup> P	roperty Name	<sup>6</sup> Well Number	
320561		HEMLOC	CK 32 STATE 203H		
<sup>7</sup> OGRID No.		<sup>8</sup> O	perator Name	<sup>9</sup> Elevation	
7377		EOG RES	SOURCES, INC. 3666'		

<sup>10</sup>Surface Location

N	32 23-S 33-E		_	392'	SOUTH	1894'	WEST	LEA		
11Bottom 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	
C	32	23-S	33-E	_	100'	NORTH	1650'	WEST	LEA	
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.										



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

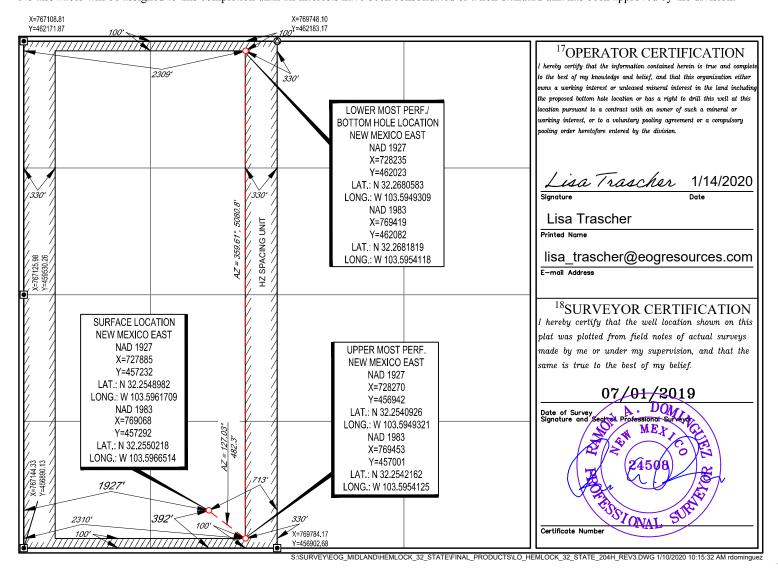
AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe	er	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
30-025-46755	59	900	TRIPLE X; BONE SPRING		
<sup>4</sup> Property Code		<sup>5</sup> Pr	operty Name	<sup>6</sup> Well Number	
320561		HEMLOC	K 32 STATE	204H	
<sup>7</sup> OGRID No.		<sup>8</sup> O <sub>l</sub>	perator Name	<sup>9</sup> Elevation	
7377		EOG RES	SOURCES, INC.	3666'	

<sup>10</sup>Surface Location

UL or lot no.	Section 32	Township 23-S	33-E	Lot Idn —	Feet from the 392'	SOUTH	1927'	WEST	LEA		
	<sup>11</sup> 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		
C	32	23-S	33-E	-	100'	NORTH	2309'	WEST	LEA		
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or 1	Infill 14Co	onsolidation Cod	le <sup>15</sup> Ord	er No.						



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

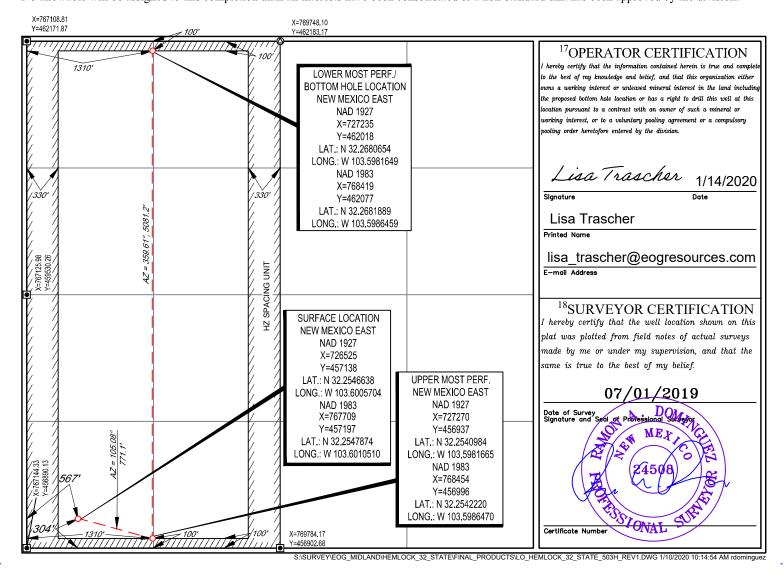
MENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name		
30-025-46756	59900		TRIPLE X; BONE SPRING			
<sup>4</sup> Property Code	<sup>5</sup> Pr			operty Name	<sup>6</sup> Well Number	
320561		I	HEMLOC	K 32 STATE 503H		
<sup>7</sup> OGRID No.			8O]	perator Name	<sup>9</sup> Elevation	
7377		E	OG RES	SOURCES, INC.	3661'	

<sup>10</sup>Surface Location

M	32	23-S	33-E	—	304'	SOUTH	567'	WEST	LEA		
	<sup>11</sup> Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Section Township		Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
D	32	23-S	33-E	-	100'	NORTH	1310'	WEST	LEA		
12Dedicated Acre	es <sup>13</sup> Joint or	Infill 14Co	onsolidation Co	de <sup>15</sup> Ord	er No.						
320											



В

<sup>2</sup>Dedicated Acres

320

23-S 33-E

Consolidation Code

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

District Office

LEA

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				<sup>2</sup> Pool Code		<sup>3</sup> Pool Name					
30-02	<sup>25-</sup> 45	273	98135	5	WC-	-025 G-09	S243310P;	Upper	Wolfcam	p	
Property		<sup>5</sup> Property Name							Vell Number		
322	743	YARROW 32 STATE							#	#705H	
<sup>7</sup> ogrid no. 7377		SOperator Name EOG RESOURCES, INC.								<sup>9</sup> Elevation 3672'	
					<sup>10</sup> Surface Lo	cation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South lin	e Feet from t	he	East/West line County		
0	32	23-S	33-E	-	393'	SOUTH	1766'	E	AST	LEA	
•	<del></del>		<sup>11</sup> B	ottom Ho	le Location If Di	fferent From S	urface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South li	ne Feet from t	he	East/West line	County	

NORTH

2309

EAST

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.

100'

Order No.

