

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

Certified Mail-Return Receipt

Date: February 18, 2020

Re: Surface Pool/Lease Commingling Application Amendment; Savage 2

State Com 702H, 704H, 705H, 707H, 708H, 721H, 722H, 723H and 726H

Dear Sir/Madam:

Enclosed please find EOG Resources, Inc.'s amendment to commingling order PLC-591 filed this date with the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office. Under PLC-591, New Mexico State leases VB-1186-0001 and VB-1194-0001 were approved for surface commingling in the WC-025 G-07 S243225C LWR BONE SPRING (97964) and WC-025 G-09 S253309P; Upper Wolfcamp (98180) 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-591.

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 Application for Savage 2 State Com CTB EOG Resources, Inc.
EXHIBIT A- Notice List

New Mexico Oil Conservation Division

Attn: Mr. Dean McClure 1220 South St. Francis Drive Santa Fe, NM 87505 Via OCD Online

Oxy Y-1 Company

Attn: Mr. Jeremy Murphrey 5 Greenway Plaza, Suite 110 Houston, Texas 77046

7018 1130 0001 3044 4793

Lisa Trascher

Attn: Ms. Liz Baker P.O. Box 840

Attn: Mr. Paul Kautz

1625 N. French Drive

Sharbro Energy, LLC

Hobbs, New Mexico 88240

7018 1130 0001 3044 4809

Artesia, New Mexico 88211-0840

New Mexico Oil Conservation Division

7018 1130 0001 3044 4779

Copies of this application were mailed to the following individuals, companies, and organizations on or before February 18, 2019.

Lisa Trascher

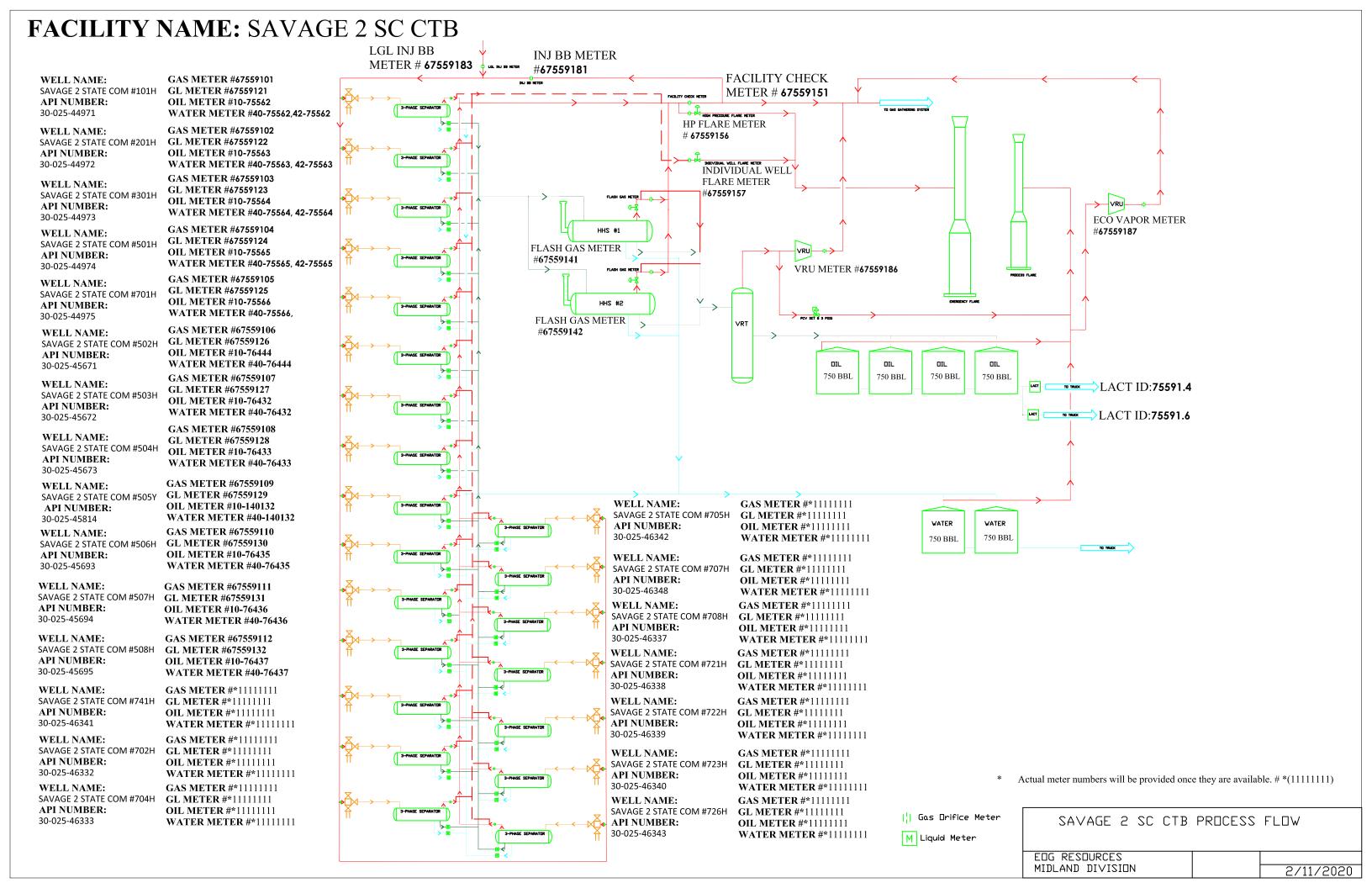
EOG Resources, Inc.

Submit 1 Copy To Appropriate District Office	State of	New Me		Form C-103
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283				Revised July 18, 2013 WELL API NO. 30-025-46332
811 S. First St., Artesia, NM 88210	OIL CONSER'	_		5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE FEE
District IV – (505) 476-3460	Santa F	e, NM 8'	7505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505				Savage 2 State Com
	OTICES AND REPORTS O	N WELLS	S	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PRO	POSALS TO DRILL OR TO DEE	PEN OR PL	UG BACK TO A	6
DIFFERENT RESERVOIR. USE "API PROPOSALS.)	PLICATION FOR PERMIT" (FOR	M C-101) F	OR SUCH	VB-1186-0001 & VB-1194-0001
1. Type of Well: Oil Well	Gas Well Other			8. Well Number 702H
2. Name of Operator				9. OGRID Number
EOG Resources, Inc.				7377
3. Address of Operator	70702			10. Pool name or Wildcat WC-025 G-09 S253309A; UPR Wolfcamp [98180]
P.O. Box 2267 Midland, Texas	19102			WC-023 G-03 S233307A, OFK Wollcamp [38180]
4. Well Location	505 C (C)	NT .1	1' 1	1671 C + C + 1 W + 1
				1671feet from theWestline
Section 2	Township 11. Elevation (Show w.	25S	Range 32E	NMPM Lea County
	11. Elevation (Snow w	neiner DK	, KKD, K1, GK, eic.	
12. Chec	k Appropriate Box to Ir	ndicate N	lature of Notice.	Report or Other Data
				•
	INTENTION TO:	. —		SEQUENT REPORT OF:
PERFORM REMEDIAL WORK			REMEDIAL WOR	
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DR	—
	☐ MULTIPLE COMPL		CASING/CEMEN	T JOB 📙
CLOSED-LOOP SYSTEM OTHER: St	⊔ urface Commingle	\boxtimes	OTHER:	П
13. Describe proposed or co	mpleted operations. (Clearl	y state all	pertinent details, an	d give pertinent dates, including estimated date
of starting any proposed proposed completion or		'.14 NMA	C. For Multiple Co	mpletions: Attach wellbore diagram of
	177.0.50			
EOG Resources, Inc. respectfully	requests to amend PLC 591	to include	e the following well	ls:
Savage 2 State Com 702H	API: 30-025-46332	WC-025	G-09 S253309A: I	Upper Wolfcamp [98180]
Savage 2 State Com 704H	API: 30-025-46333			Upper Wolfcamp [98180]
Savage 2 State Com 705H	API: 30-025-46342			Upper Wolfcamp [98180]
Savage 2 State Com 707H	API: 30-025-46348			Upper Wolfcamp [98180]
Savage 2 State Com 708H	API: 30-025-46337	WC-025	G-09 S253309A; U	Jpper Wolfcamp [98180]
Savage 2 State Com 721H	API: 30-025-46338			Jpper Wolfcamp [98180]
Savage 2 State Com 722H	API: 30-025-46339			Jpper Wolfcamp [98180]
Savage 2 State Com 723H	API: 30-025-46340			Jpper Wolfcamp [98180]
Savage 2 State Com 726H	API: 30-025-46343	WC-025	G-09 S253309A; U	Jpper Wolfcamp [98180]
Please see attached supporting do application	cumentation. These wells h	nave unifor	rm ownership. State	e Land Office has received notice of this
Spud Date:	Rig	Release Da	ate:	
I hereby certify that the informati	on above is true and comple	te to the b	est of my knowledg	ge and belief.
SIGNATURE Lisa Tra	scherTIT	LE	Regulatory Spec	cialistDATE2/18/2020
	rascher E-mail add	dress:li	isa_trascher@eogre	sources.com PHONE:432-247-6331
For State Use Only				

_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 before flowing into a common header. Process gas used is allocated to the wells on a mass balance basis based on this measurement. The remaining residue gas is allocated to the wells by energy balance based off of routine gas sampling at the meter. Gas measurements on the high pressure separator are aligned with API MPMS 20.1

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SAVAGE 2 STATE COM #101H gas allocation meter is (S/N 67559101)
SAVAGE 2 STATE COM #201H gas allocation meter is (S/N 67559102)
SAVAGE 2 STATE COM #301H gas allocation meter is (S/N 67559103)
SAVAGE 2 STATE COM #501H gas allocation meter is (S/N 67559104)
SAVAGE 2 STATE COM #701H gas allocation meter is (S/N 67559105)
SAVAGE 2 STATE COM #502H gas allocation meter is (S/N 67559106)
SAVAGE 2 STATE COM #503H gas allocation meter is (S/N 67559107)
SAVAGE 2 STATE COM #504H gas allocation meter is (S/N 67559108)
SAVAGE 2 STATE COM #505Y gas allocation meter is (S/N 67559109)
SAVAGE 2 STATE COM #506H gas allocation meter is (S/N 67559110)
SAVAGE 2 STATE COM #507H gas allocation meter is (S/N 67559111)
SAVAGE 2 STATE COM #508H gas allocation meter is (S/N 67559112)
SAVAGE 2 STATE COM #741H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #702H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #704H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #705H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #707H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #708H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #721H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #722H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #723H gas allocation meter is (S/N *11111111)
SAVAGE 2 STATE COM #726H gas allocation meter is (S/N *11111111)
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The oil from the separators will be measured using a Coriolis meter. *Oil measurements on the high pressure separator are aligned with API MPMS 20.1*

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SAVAGE 2 STATE COM #101H oil allocation meter is (S/N 10-75562) SAVAGE 2 STATE COM #201H oil allocation meter is (S/N 10-75563) SAVAGE 2 STATE COM #301H oil allocation meter is (S/N 10-75564) SAVAGE 2 STATE COM #501H oil allocation meter is (S/N 10-75565) SAVAGE 2 STATE COM #701H oil allocation meter is (S/N 10-75566) SAVAGE 2 STATE COM #502H oil allocation meter is (S/N 10-76444) SAVAGE 2 STATE COM #503H oil allocation meter is (S/N 10-76432) SAVAGE 2 STATE COM #504H oil allocation meter is (S/N 10-76433) SAVAGE 2 STATE COM #505Y oil allocation meter is (S/N 10-76435) SAVAGE 2 STATE COM #506H oil allocation meter is (S/N 10-76436) SAVAGE 2 STATE COM #507H oil allocation meter is (S/N 10-76437)
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SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111) SAVAGE 2 STATE COM #741H oil allocation meter is (S/N *11-11111)
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The water will be measured using a vortex meter. The water from each separator is combined in a common header and flows into (2) 750 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 3-phase separator to aid separation of water entrained in the oil. Gas from the heated separator is measured and allocated back to the wells on an oil volume based allocation.

Water from the heated separator flows into the common water header connected to the (2) 750 barrel water tanks. The water is then pumped and/or trucked to a salt water disposal well.

The oil from the heated 3-phase separator flows through a vapor recovery tower (VRT) where gas is allowed to breakout at a lower pressure, and then the oil flows into (4) 750 barrel coated steel tanks. Guided wave radar is used to measure water and oil volumes in these tanks and can be used for volume verification during diagnosis of upset conditions. Oil is pumped out of the tanks through a LACT with Coriolis measurement into a truck or a pipeline. The LACT is the custody transfer point and the measurement point for oil sales.

After the gas from each separator is measured it is combined into a common header. The gas from the heated 3-phase separator also flows into this header. The gas flows through the header to a custody transfer senior orifice meter (#67559151) that serves as our lease gas production meter. If the pipeline is experiencing problems and cannot take any gas, the gas will flow through the produced gas emergency flare meter (#67559156) 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 (#67559157) to the flare. The overhead gas from the vapor recovery tower is compressed by an electric drive vapor recovery compressor and then measured by a custody transfer senior orifice meter (#67559186). The gas from the vapor recovery system combines with the gas from the lease production meter and flows into our gas gathering pipeline system.

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Energy, Minerals & Natural Resources
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

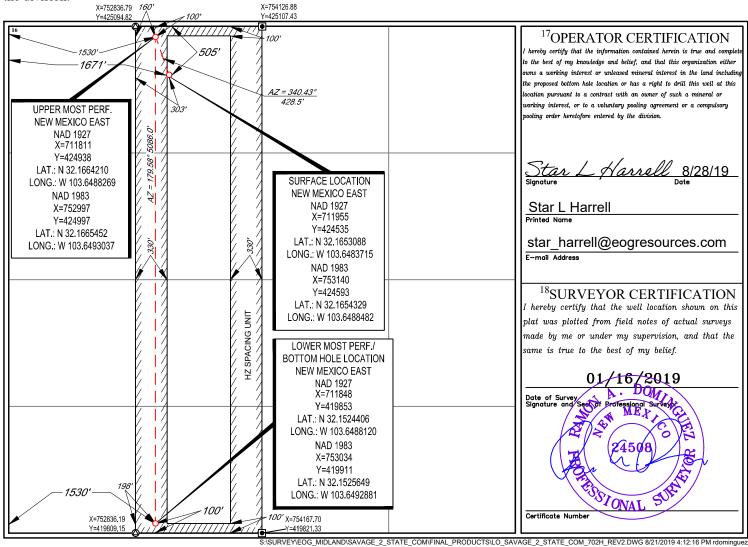
FORM C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe 30-025-463	² Pool Code 98180	er Wolfcamp	
⁴Property Code 321651		operty Name 2 STATE COM	⁶ Well Number 702H
⁷ OGRID No. 7377	⁸ Ор	ocrator Name OURCES, INC.	⁹ Elevation 3520'

10 Surface Location

UL or lot no.	2	25-S	32-E	Lot Idn —	505'	NORTH	1671'	WEST	LEA
	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
N	2	25-S	32-E	-	100'	SOUTH	1530'	WEST	LEA
12Dedicated Acres	¹³ Joint or 1	Infill 14Co	onsolidation Cod	de ¹⁵ Ord	er No.				



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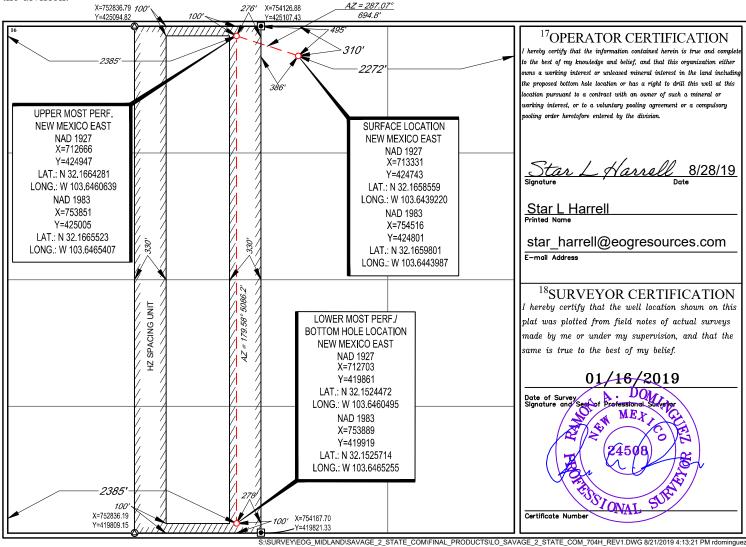
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe	er	² Pool Code	³ Pool Name	ol Name		
30-025- 46	333	98180	WC-025 G-09 S253309A; Upper Wolfcamp			
⁴ Property Code		⁵ Pr	operty Name	⁶ Well Number		
321651	SAVAGE 2 STATE COM 704H					
⁷ OGRID No.	⁸ Operator Name ⁹ Eleva					
7377		3528'				

10 Surface Location

	2	2	25-S	32-E	Lot Idn	310'	NORTH	2272'	EAST	LEA
•	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
	N	2	25-S	32-E	_	100'	SOUTH	2385'	WEST	LEA
	12Dedicated Acres	¹³ Joint or l	Infill 14Co	nsolidation Co	de ¹⁵ Ord	er No.				
	160.19									



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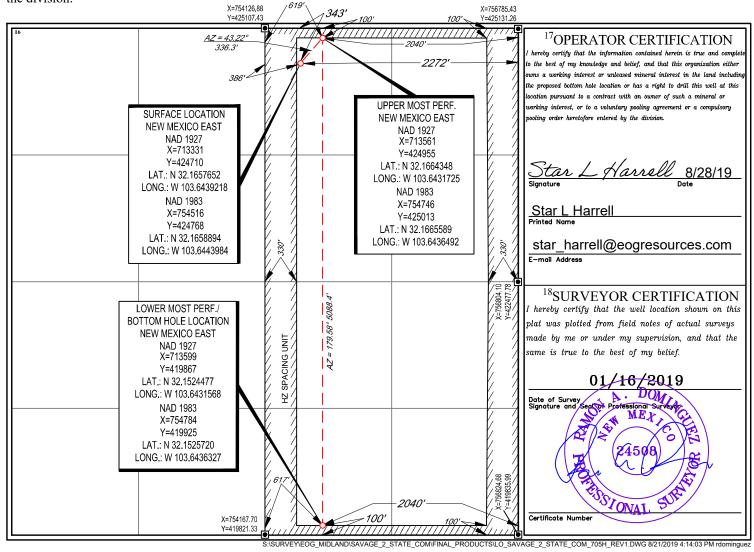
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Number 30-025- 46342		² Pool Code 98180	per Wolfcamp		
ĺ	⁴Property Code 321651			operty Name 2 STATE COM	⁶ Well Number 705H	
Į	⁷ OGRID №. 7377			erator Name OURCES, INC.	⁹ Elevation 3528'	

¹⁰Surface Location

2	2	25-S	32-E	—	343'	NORTH	2272'	EAST	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
0	2	25-S	32-E	_	100'	SOUTH	2040'	EAST	LEA
12Dedicated Acres	¹³ Joint or 1	Infill 14Co	onsolidation Co	de ¹⁵ Ord	er No.				
320.67									



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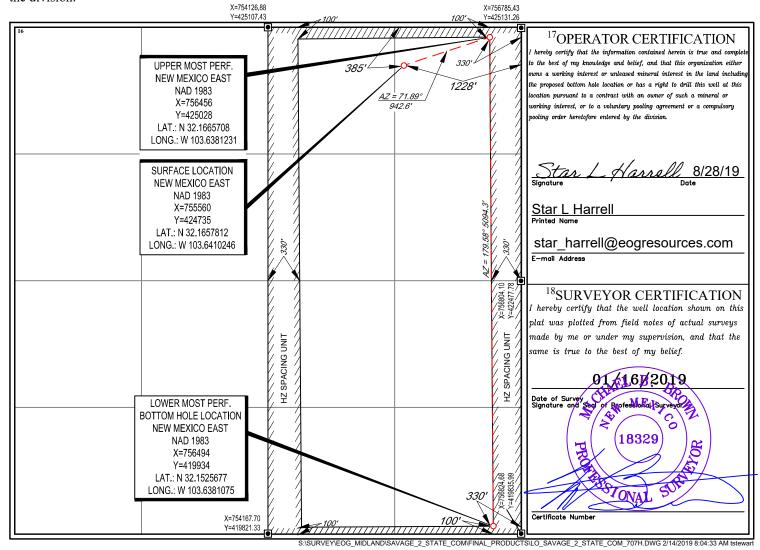
WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Number 30-025- 46348		² Pool Code 98180					
Ì	⁴ Property Code 321651			operty Name 2 STATE COM	⁶ Well Number #707H			
	⁷ OGRID №. 7377		- 1	erator Name OURCES, INC.	⁹ Elevation 3543'			

¹⁰Surface Location

- 1	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	1	2	25-S	32-E	_	385'	NORTH	1228'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	25-S	32-E	-	100'	SOUTH	330'	EAST	LEA
¹² Dedicated Acres 322.76	¹³ Joint or 1	nfill 14Co	onsolidation Coc	le ¹⁵ Ord	er No.			•	



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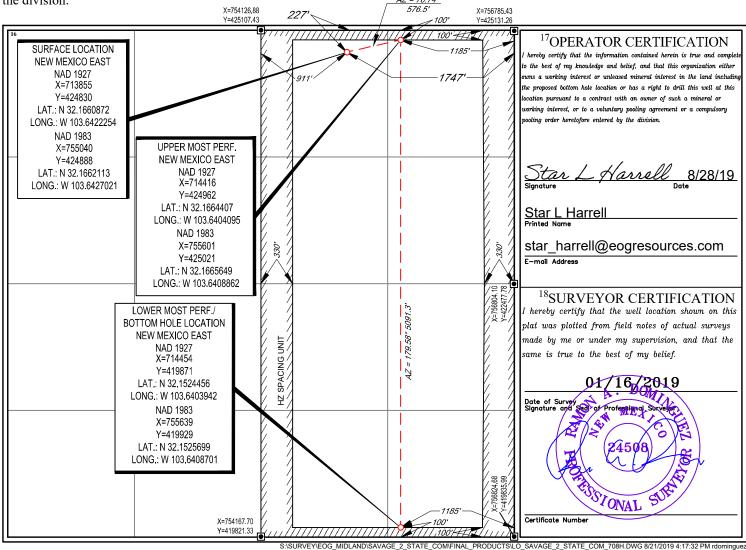
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Number 30-025- 46337		² Pool Code 98180	³ Pool Name WC-025 G-09 253309A; Up	per Wolfcamp
Ī	⁴Property Code 321651			operty Name 2 STATE COM	⁶ Well Number 708H
	⁷ OGRID №. 7377			perator Name OURCES, INC.	⁹ Elevation 3535'

¹⁰Surface Location

2	2 Section	25-S	32-E	Lot Idn	227'	NORTH	1747'	EAST	LEA	
	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	
P	2	25-S	32-E	_	100'	SOUTH	1185'	EAST	LEA	
12Dedicated Acres	¹³ Joint or l	Infill 14Co	nsolidation Co	de ¹⁵ Ord	er No.					
320.67										



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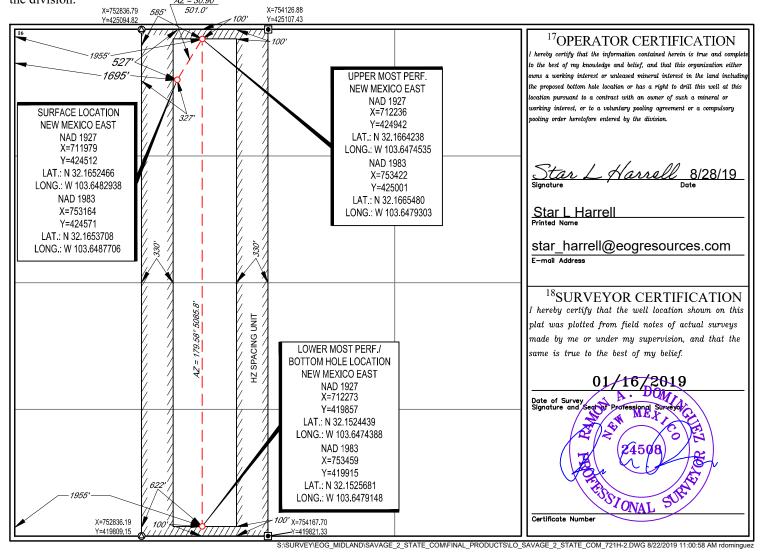
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Number 30-025- 46338		² Pool Code 98180	³ Pool Name WC-025 G-09 S253309A; Upper Wolfcamp				
Ī	⁴Property Code 321651			operty Name 2 STATE COM	⁶ Well Number 721H			
I	⁷ OGRID №. 7377		- I	erator Name OURCES, INC.	SElevation 3520'			

10 Surface Location

3	2	25-S	32-E	Lot Ian	527'	NORTH	1695'	WEST	LEA	
	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	
N	2	25-S	32-E	_	100'	SOUTH	1955'	WEST	LEA	
12Dedicated Acres	¹³ Joint or l	Infill 14Co	nsolidation Co	de ¹⁵ Ord	er No.			•		
160.19										



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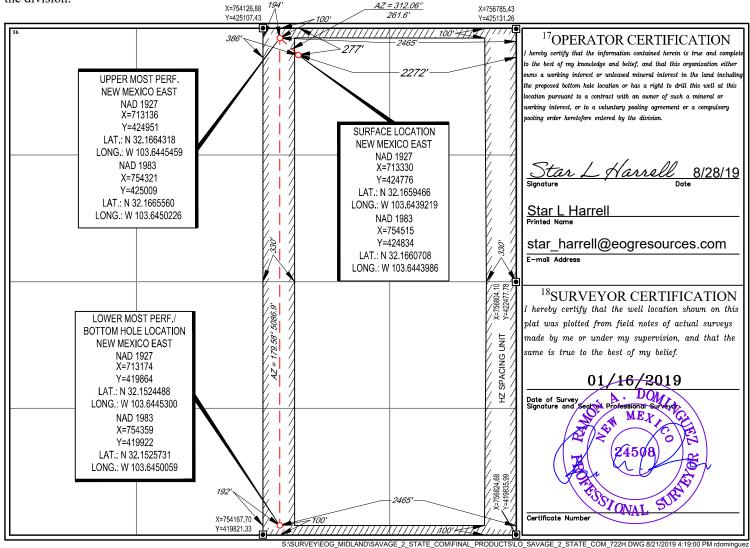
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 46339		² Pool Code 98180	³ Pool Name WC-025 G-09 S253309A; Upper Wolfcamp				
⁴ Property Code 321651			operty Name 2 STATE COM	⁶ Well Number 722H			
⁷ OGRID No. 7377		•	perator Name COURCES, INC.	⁹ Elevation 3529'			

10 Surface Location

UL or lot no.	Section 2	Township 25-S	Range 32-E	Lot Idn —	Feet from the 277'	North/South line NORTH	Feet from the 2272'	East/West line EAST	County LEA	
	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	
0	2	25-S	32-E	_	100'	SOUTH	2465'	EAST	LEA	
¹² Dedicated Acres 322.76	¹³ Joint or 1	Infill 14Co	nsolidation Co	de ¹⁵ Ord	ler No.					



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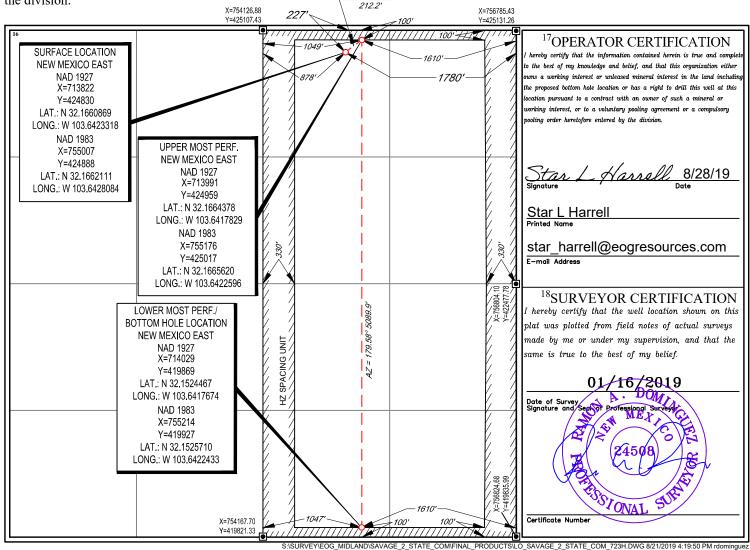
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name						
30-025- 46340		98180	WC-025 G-09 S253309A; Upper Wolfcamp						
⁴ Property Code		⁵ Pr	operty Name	⁶ Well Number					
321651	SAVAGE 2 STATE COM 723H								
⁷ OGRID No.		⁸ O _I	perator Name	⁹ Elevation					
7377		EOG RESOURCES, INC.							

¹⁰Surface Location

UL or lot no.	2	25-S	32-E	Lot Idn —	227'	NORTH	1780'	EAST	LEA		
	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		
0	2	25-S	32-E	-	100'	SOUTH	1610'	EAST	LEA		
¹² Dedicated Acres 320.67	¹³ Joint or 1	Infill 14Co	onsolidation Co	de ¹⁵ Ord	er No.						



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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 46343		² Pool Code 98180	³ Pool Name WC-025 G-09 S253309A; Upper Wolfcamp				
⁴ Property Code 321651			operty Name 2 STATE COM	⁶ Well Number 726H			
⁷ OGRID No. 7377		•	perator Name COURCES, INC.	⁹ Elevation 3544'			

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
1	2	25-S	32-E	_	358'	NORTH	1209'	EAST	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	
P	2	25-S	32-E	_	100'	SOUTH	755'	EAST	LEA	
12Dedicated Acres	¹³ Joint or l	Infill 14Co	nsolidation Co	de ¹⁵ Ord	er No.					
320.67										

