

Initial Application Part I

Received: 06/11/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 06/11/2019	REVIEWER: MAM	TYPE: CTB	APP NO: pMAM1916432274
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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: EOG Resources, Inc. OGRID Number: 7377
 Well Name: Hemlock 32 State 701H & Others API: 30-025-44343
 Pool: WC-025 G-09 S243310P; Upper Wolfcamp Pool Code: 98135

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

CTB-903**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 holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐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.

Sarah Mitchell

Print or Type Name

6/4/19

Date

432-848-9133

Phone Number

Sarah_mitchell@eogresources.com

e-mail Address

Signature

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: EOG Resources, Inc.

OPERATOR ADDRESS: P.O. Box 2267 Midland, Texas 79702

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 875-0
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. WC-025 G-09 S243310P [98135]

(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)

(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: Sarah Mitchell

TITLE: Regulatory Contractor

DATE: 6/4/19

TYPE OR PRINT NAME Sarah Mitchell

TELEPHONE NO.: 432-848-9133

E-MAIL ADDRESS: sarah_mitchell@eogresources.com

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

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

Well Name	Location	API #	Pool	Status	Oil BPD	MSCFPD
HEMLOCK 32 STATE #701H	M-32-T23S-R33E	30-025-44343	WC-025 G-09 S243310P; Upper Wolfcamp	Producing	498.05	1128.7
HEMLOCK 32 STATE #702H	M-32-T23S-R33E	30-025-44344	WC-025 G-09 S243310P; Upper Wolfcamp	Producing	424.64	985.5
YARROW 32 STATE #701H	P-32-T23S-R33E	30-025-45269	WC-025 G-09 S243310P; Upper Wolfcamp	Producing	497.86	1129.84
YARROW 32 STATE #702H	P-32-T23S-R33E	30-025-45270	WC-025 G-09 S243310P; Upper Wolfcamp	Producing	624.57	1370.32
YARROW 32 STATE #703H	O-32-T23S-R33E	30-025-45271	WC-025 G-09 S243310P; Upper Wolfcamp	Permitted	*1084	*2290
YARROW 32 STATE #704H	O-32-T23S-R33E	30-025-45272	WC-025 G-09 S243310P; Upper Wolfcamp	Permitted	*1084	*2290
HEMLOCK 32 STATE #703H	N-32-T23S-R33E	30-025-45523	WC-025 G-09 S243310P; Upper Wolfcamp	Permitted	*1084	*2290
HEMLOCK 32 STATE #704H	N-32-T23S-R33E	30-025-45516	WC-025 G-09 S243310P; Upper Wolfcamp	Permitted	*1084	*2290

*projected, pending completion

GENERAL INFORMATION :

- State of New Mexico Lease VB-1169-0001 covers 320.00 acres, being the W/2 of Section 32 in Township 23 South, Range 33 East, Lea County, New Mexico.
- State of New Mexico Lease V0-6276-0001 covers 320.00 acres, being the E/2 of Section 32 in Township 23 South, Range 33 East, Lea County, New Mexico.
- The central tank battery to service the subject wells is located in the SW/4 (Units M and N) of Section 32-T23S-R33E on State of New Mexico Lease VB-1169-0001.
- An application to commingle production from the subject wells is being submitted to the NMOCD and the New Mexico State Land Office.
- 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.

FUTURE ADDITIONS

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

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 an Emerson orifice meter (S/N 67636401)
Hemlock 32 State #702H gas allocation meter is an Emerson orifice meter (S/N 67636402)
Yarrow 32 State #701H gas allocation meter is an Emerson orifice meter (S/N *11111111)
Yarrow 32 State #702H gas allocation meter is an Emerson orifice meter (S/N *11111111)
Yarrow 32 State #703H gas allocation meter is an Emerson orifice meter (S/N *11111111)
Yarrow 32 State #704H gas allocation meter is an Emerson orifice meter (S/N *11111111)

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

Hemlock 32 State #701H oil allocation meter is a FMC Coriolis meter (S/N 10-74567)
Hemlock 32 State #702H oil allocation meter is a FMC Coriolis meter (S/N 10-74568)
Yarrow 32 State #701H oil allocation meter is a FMC Coriolis meter (S/N *11111111)
Yarrow 32 State #702H oil allocation meter is a FMC Coriolis meter (S/N *11111111)
Yarrow 32 State #703H oil allocation meter is a FMC Coriolis meter (S/N *11111111)
Yarrow 32 State #704H oil allocation meter is a FMC Coriolis meter (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 an Emerson orifice meter (S/N *11111111)
HEMLOCK 32 STATE CTB FG #2 gas allocation meter is an Emerson orifice 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) 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.



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 848-9120

Date: June 3, 2019

To: State of New Mexico Oil Conservation Division
New Mexico State Land Office

Re: Surface Pool/Lease Commingling Application; Hemlock 32 State 701H,
702H, 703H, 704H, Yarrow 32 State 701H, 702H, 703H, 704H

To whom it may concern:

This letter serves to notice you that the ownership in the production of the following wells is Diverse as defined in 19.15.12.7 A. NMAC:

Well Name	Location	API #	Pool	Status
HEMLOCK 32 STATE #701H	M-32-T23S-R33E	30-025-44343	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Producing
HEMLOCK 32 STATE #702H	M-32-T23S-R33E	30-025-44344	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Producing
YARROW 32 STATE #701H	P-32-T23S-R33E	30-025-45269	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Producing
YARROW 32 STATE #702H	P-32-T23S-R33E	30-025-45270	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Producing
YARROW 32 STATE #703H	O-32-T23S-R33E	30-025-45271	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Permitted
YARROW 32 STATE #704H	O-32-T23S-R33E	30-025-45272	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Permitted
HEMLOCK 32 STATE #703H	N-32-T23S-R33E	30-025-45523	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Permitted
HEMLOCK 32 STATE #704H	N-32-T23S-R33E	30-025-45516	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	Permitted


The royalty, overrides and working interest are diverse on a well by well basis. All owners are listed on Exhibit A, attached hereto.

I certify that this information is true and correct to the best of my knowledge.

Sincerely,

EOG Resources, Inc.

By: _____


Dustin Bynum
Land Specialist

Commingling Application for Hemlock 32 State CTB
EOG Resources, Inc.
EXHIBIT A- Notice List

New Mexico Oil Conservation Division
Attn: Mr. Mike McMillan
1220 South St. Francis Drive
Santa Fe, NM 87505
7018-0680-0000-2335-8667

New Mexico Oil Conservation Division
Attn: Ms. Karen Sharp
1625 N. French Drive
Hobbs, New Mexico 88240
7018-0680-0000-2335-8674

New Mexico State Land Office
Attn: Mr. Randy Bayliss
310 Old Santa Fe Trail
Santa Fe, NM 87501
7018-0680-0000-2335-8681

Sharbro Energy LLC
PO Box 840
Artesia, New Mexico 88211-0840
7018-0680-0000-2335-8698

Oxy Y 1 Company
PO Box 27570
Houston, Texas 77227-7570
7018-0680-0000-2335-8704

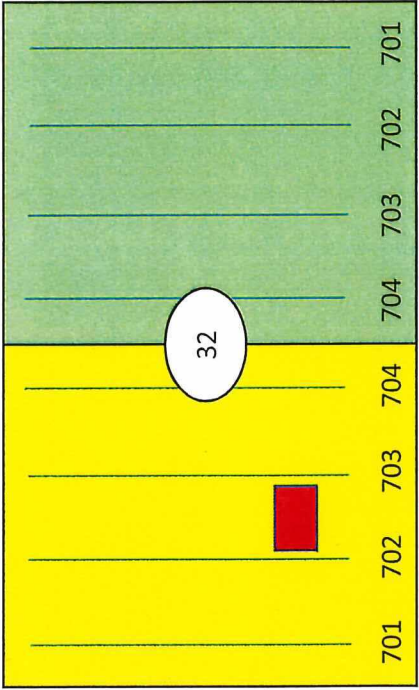
EOG Resources, Inc.
P.O. Box 2267
Midland, Texas 79702

Copies of this application were mailed to the following individuals, companies, and organizations
on or before June 4, 2019.



Sarah Mitchell
EOG Resources, Inc.

Township 23 South, Range 33 East, NMIPM
Lea County, New Mexico



ST NM VO-6276

1. Yarrow 32 State #701H
2. Yarrow 32 State #702H
3. Yarrow 32 State #703H
4. Yarrow 32 State #704H

ST NM VB-1169

1. Hemlock 32 State #701H
2. Hemlock 32 State #702H
3. Hemlock 32 State #703H
4. Hemlock 32 State #704H

Central Tank Battery Facility



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

Certified Mail-Return Receipt

Date: June 4, 2019

Re: EOG Resources, Inc. Application to Commingle
Surface Lease Commingling Application; Hemlock 32 State 701H, 702H,
703H, 704H, Yarrow 32 State 701H, 702H, 703H, 704H at the Hemlock
32 State CTB

Dear Sir/Madam:

Enclosed please find EOG Resources, Inc.'s application to commingle production at its Hemlock State Central Tank Battery located in Lea County, New Mexico, filed this date with the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office.

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 432-848-9133 or sarah_mitchell@eogresources.com

Kind regards,

EOG Resources, Inc.

By: 
Sarah Mitchell
Regulatory Contractor

[illegible]

- Gas Orifice Meter
- Liquid Meter

HEWLOCK YARDW/ CTB PROCESS FLOW	
EDG RESOURCES	BY: EPF
MIDLAND DIVISION	rev. 02 01/28/201

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY
 Proposal for **HEMLOCK 32 CTB**:
 EOG Resources, Inc. is requesting approval to commingle the following wells in a common central tank battery:

State of New Mexico Leases: VB-1169-1, VO-6276-1

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFPD	BTU
HEMLOCK 32 STATE #701H	M-32-T23S-R33E	30-025-44343	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	498.05	48.9	1128.7	1250.3
HEMLOCK 32 STATE #702H	M-32-T23S-R33E	30-025-44344	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	424.64	47.5	985.5	1254.1
YARROW 32 STATE #701H	P-32-T23S-R33E	30-025-45269	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	497.86	47	1129.84	1268.3
YARROW 32 STATE #702H	P-32-T23S-R33E	30-025-45270	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	624.57	47.7	1370.32	1258.3
YARROW 32 STATE #703H	O-32-T23S-R33E	30-025-45271	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	*1084	*44	*2290	*1333
YARROW 32 STATE #704H	O-32-T23S-R33E	30-025-45272	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	*1084	*44	*2290	*1333
HEMLOCK 32 STATE #703H	N-32-T23S-R33E	30-025-45523	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	*1084	*44	*2290	*1333
HEMLOCK 32 STATE #704H	N-32-T23S-R33E	30-025-45516	WC-025 G-09 S243310P; Upper Wolfcamp [98135]	*1084	*44	*2290	*1333

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

Production Summary Report

API: 30-025-44343

HEMLOCK 32 STATE #701H

Printed On: Tuesday, June 04 2019

Year	Pool	Month	Production				Injection				Other	Pressure
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other		
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Oct	26911	58989	20501	31	0	0	0	0	0	0
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Nov	22261	51003	12639	30	0	0	0	0	0	0
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Dec	18825	43803	14397	31	0	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Jan	15040	40143	10794	31	0	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Feb	12458	32925	9639	28	0	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Mar	7989	19009	26514	17	0	0	0	0	0	0

Production Summary Report

API: 30-025-44344

HEMLOCK 32 STATE #702H

Printed On: Tuesday, June 04 2019

Year	Pool	Month	Production				Injection				
			Oil(BBLs)	Gas(MCF)	Water(BBLs)	Days P/I	Water(BBLs)	Co2(MCF)	Gas(MCF)	Other	Pressure
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Oct	28102	63674	18133	31	0	0	0	0	0
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Nov	21975	51701	17372	30	0	0	0	0	0
2018	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Dec	18201	43572	11797	31	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Jan	14664	35804	8382	31	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Feb	12459	33110	8725	28	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Mar	6774	16183	10891	20	0	0	0	0	0

Production Summary Report

API: 30-025-45269

YARROW 32 STATE #701H

Printed On: Tuesday, June 04 2019

Year	Pool	Month	Production				Injection			
			Oil(BBLs)	Gas(MCF)	Water(BBLs)	Days P/I	Water(BBLs)	Co2(MCF)	Gas(MCF)	Other
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Jan	43427	87196	63154	31	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Feb	26014	54170	28944	28	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Mar	18214	38378	19401	31	0	0	0	0

Production Summary Report

API: 30-025-45270

YARROW 32 STATE #702H

Printed On: Tuesday, June 04 2019

		Production					Injection				
Year	Pool	Month	Oil(BBLs)	Gas(MCF)	Water(BBLs)	Days P/I	Water(BBLs)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Jan	51026	102701	59949	31	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Feb	32503	68240	24419	28	0	0	0	0	0
2019	[98135] WC-025 G-09 S243310P;UPPER WOLFCAMP	Mar	23531	48576	14373	31	0	0	0	0	0

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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

HOBBS OCD

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

SEP 26 2018

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 44343	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 320561	⁵ Property Name HEMLOCK 32 STATE	
⁶ OGRID No. 7377	⁷ Operator Name EOG RESOURCES, INC.	⁸ Well Number #701H
		⁹ Elevation 3660'

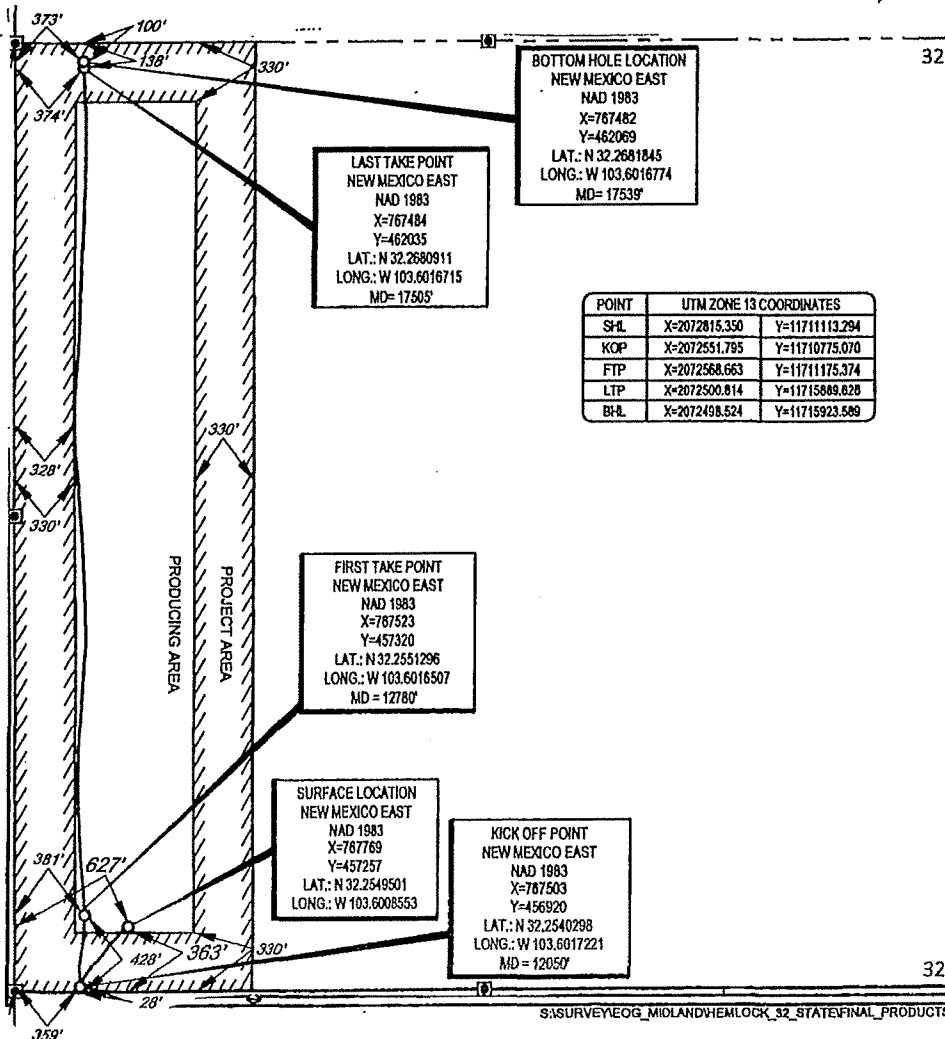
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	23-S	33-E	-	364'	SOUTH	627'	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	32	23-S	33-E	-	100'	NORTH	373'	WEST	LEA

¹² Dedicated Acres 160.00	¹³ Joint or Infill	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



17 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 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.

Kay Maddox 9/25/18
Signature Date
KAY MADDOX
Printed Name
E-mail Address

18 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 to the best of my belief.

11/13/2017
Date of Survey
Signature and Seal of Surveyor
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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- 44344	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 320 561	⁵ Property Name HEMLOCK 32 STATE	⁶ Well Number #702H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3660'

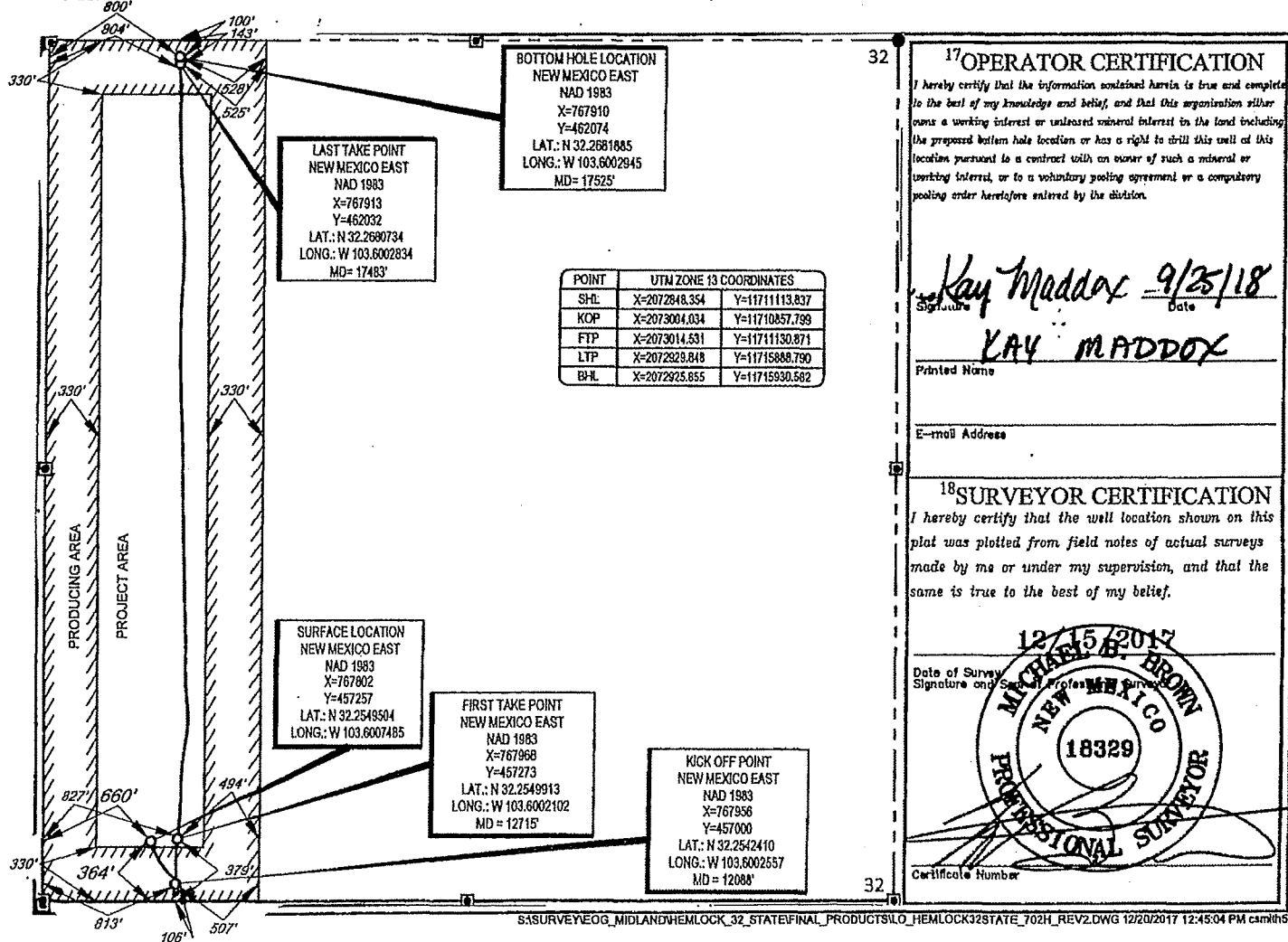
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	23-S	33-E	-	364'	SOUTH	660'	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	32	23-S	33-E	-	100'	NORTH	800'	WEST	LEA

¹² Dedicated Acres 160.00	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.



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.

Kay Maddox 9/25/18
Signature Date

KAY MADDOX
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.

12/15/2017
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\NOG MIDLAND\HEMLOCK 32 STATE\FINAL PRODUCTS\LO HEMLOCK\STATE Y03H REV2.DWG 3/12/2010 10:18:31 AM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45516	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 320561	⁵ Property Name HEMLOCK 32 STATE	⁶ Well Number #704H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3665'

¹⁰Surface Location

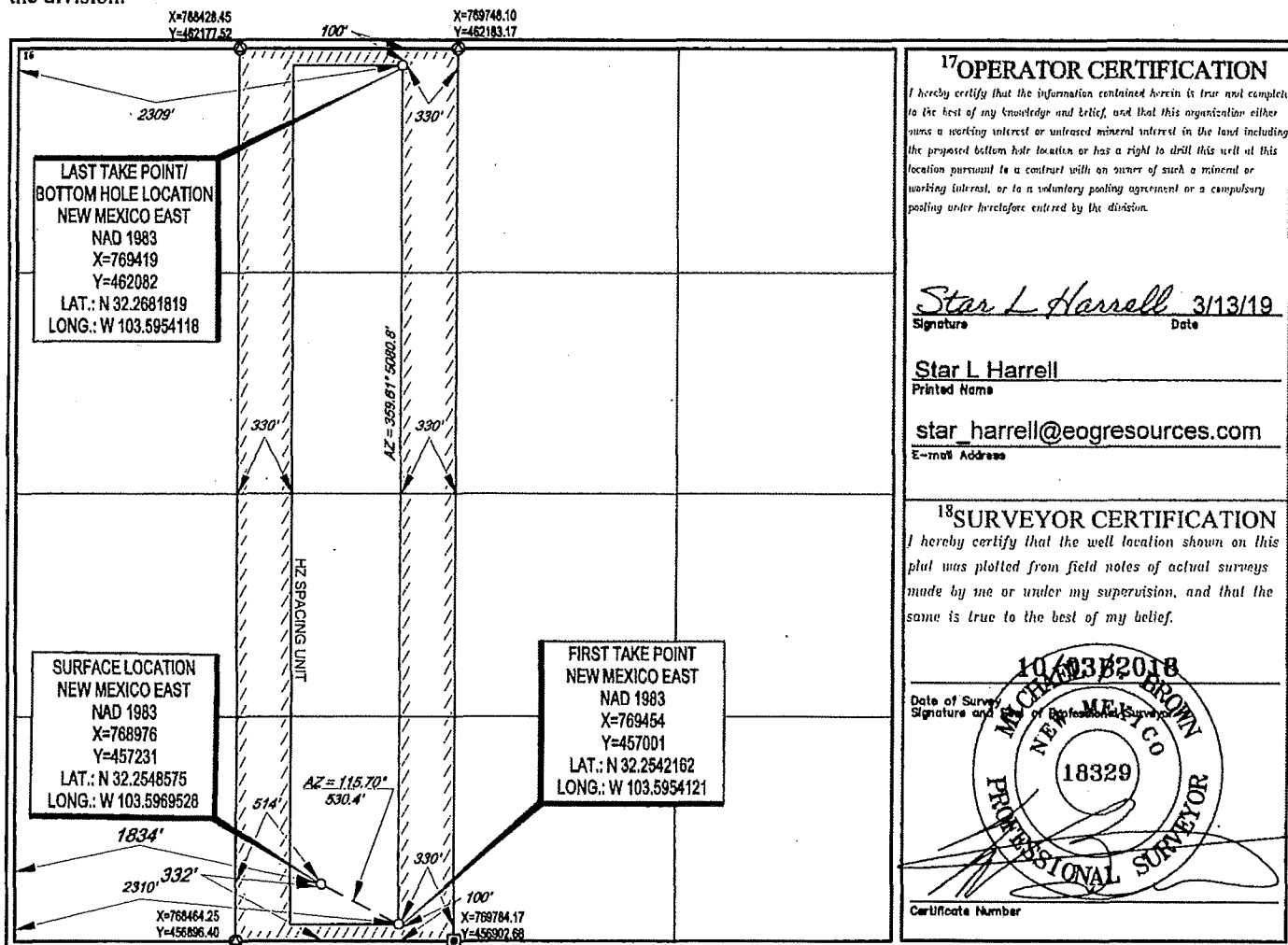
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	23-S	33-E	-	332'	SOUTH	1834'	WEST	LEA

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	2309'	WEST	LEA

¹² Dedicated Acres 160.00	¹³ Joint or Infill	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.



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 untraced 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 under heretofore entered by the division.

Star L Harrell 3/13/19
Signature Date

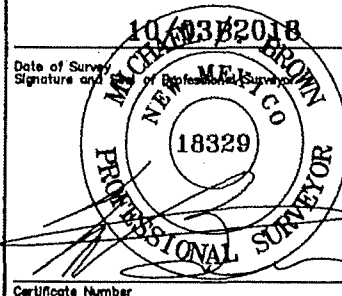
Star L Harrell
Printed Name

star_harrell@eogresources.com
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 and



Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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District IV
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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

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 45269	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 322743	⁵ Property Name YARROW 32 STATE	⁶ Well Number #701H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3666'

¹⁰Surface Location

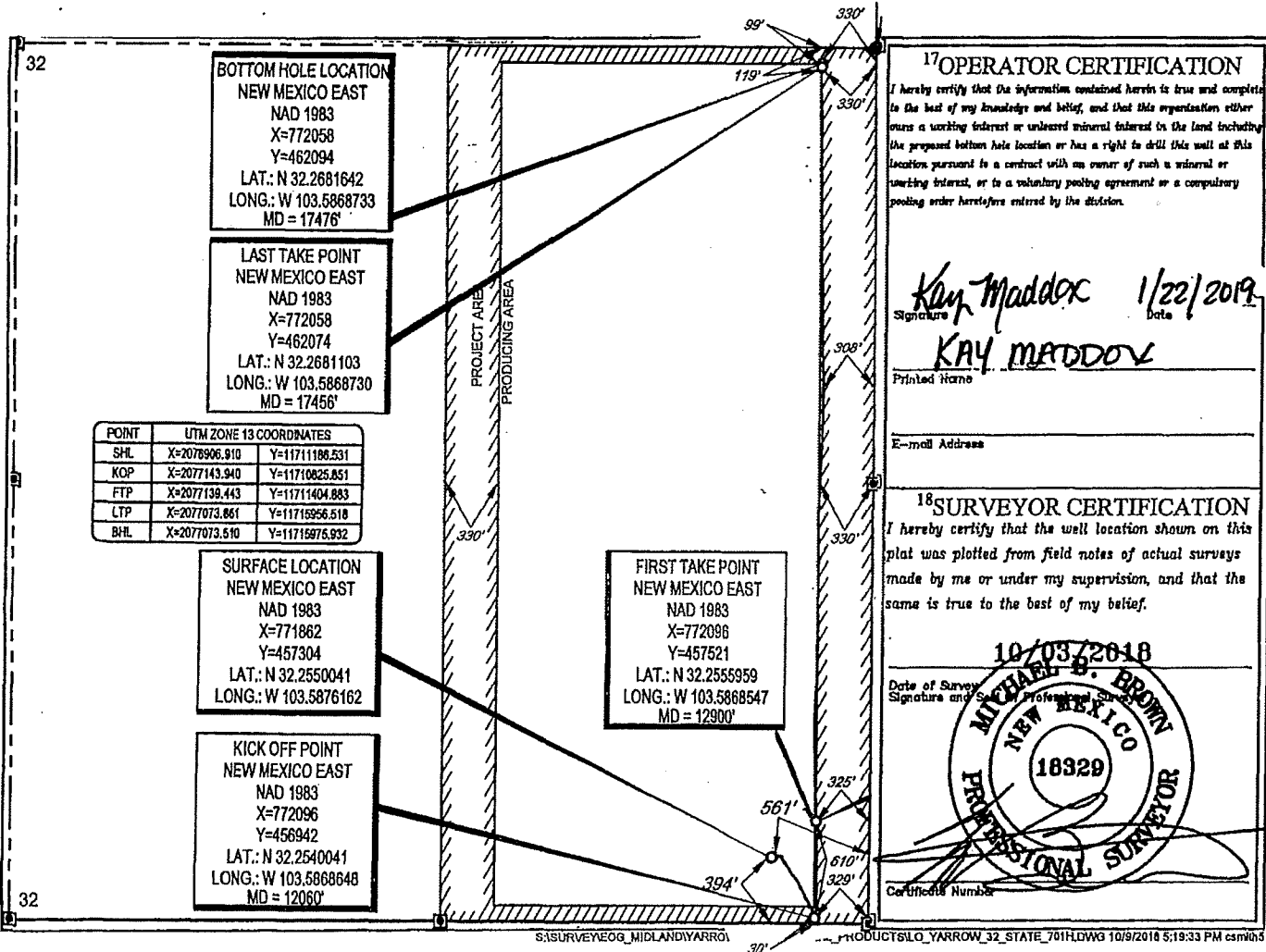
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	23-S	33-E	-	394'	SOUTH	561'	EAST	LEA

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
A	32	23-S	33-E	-	99'	NORTH	330'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.00			

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.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 45270	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 322743	⁵ Property Name YARROW 32 STATE	⁶ Well Number #702H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3667'

¹⁰Surface Location

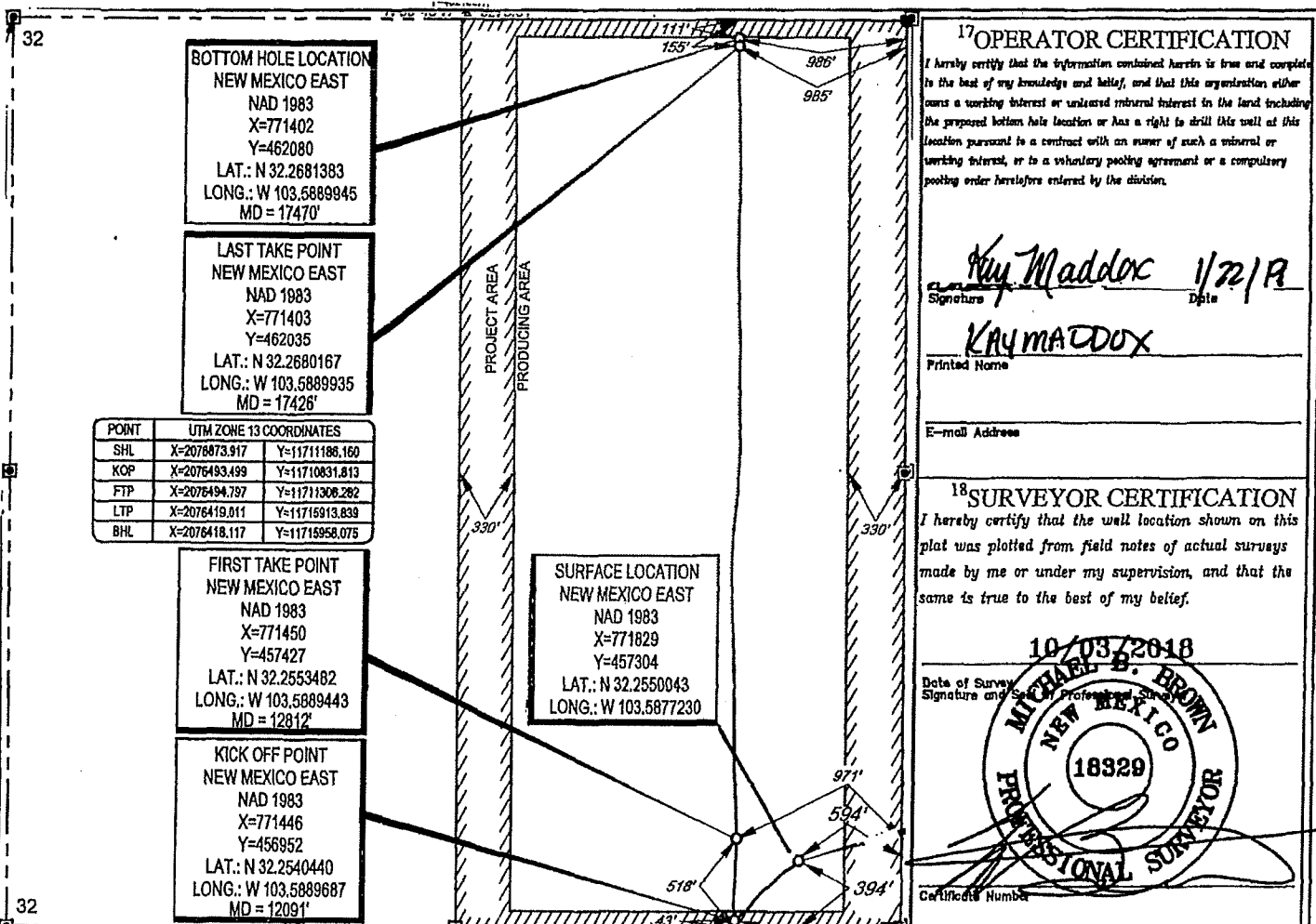
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	23-S	33-E	-	394'	SOUTH	594'	EAST	LEA

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
A	32	23-S	33-E	-	111'	NORTH	986'	EAST	LEA

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45271		² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 322743	⁵ Property Name YARROW 32 STATE		⁶ Well Number #703H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3672'

¹⁰Surface Location

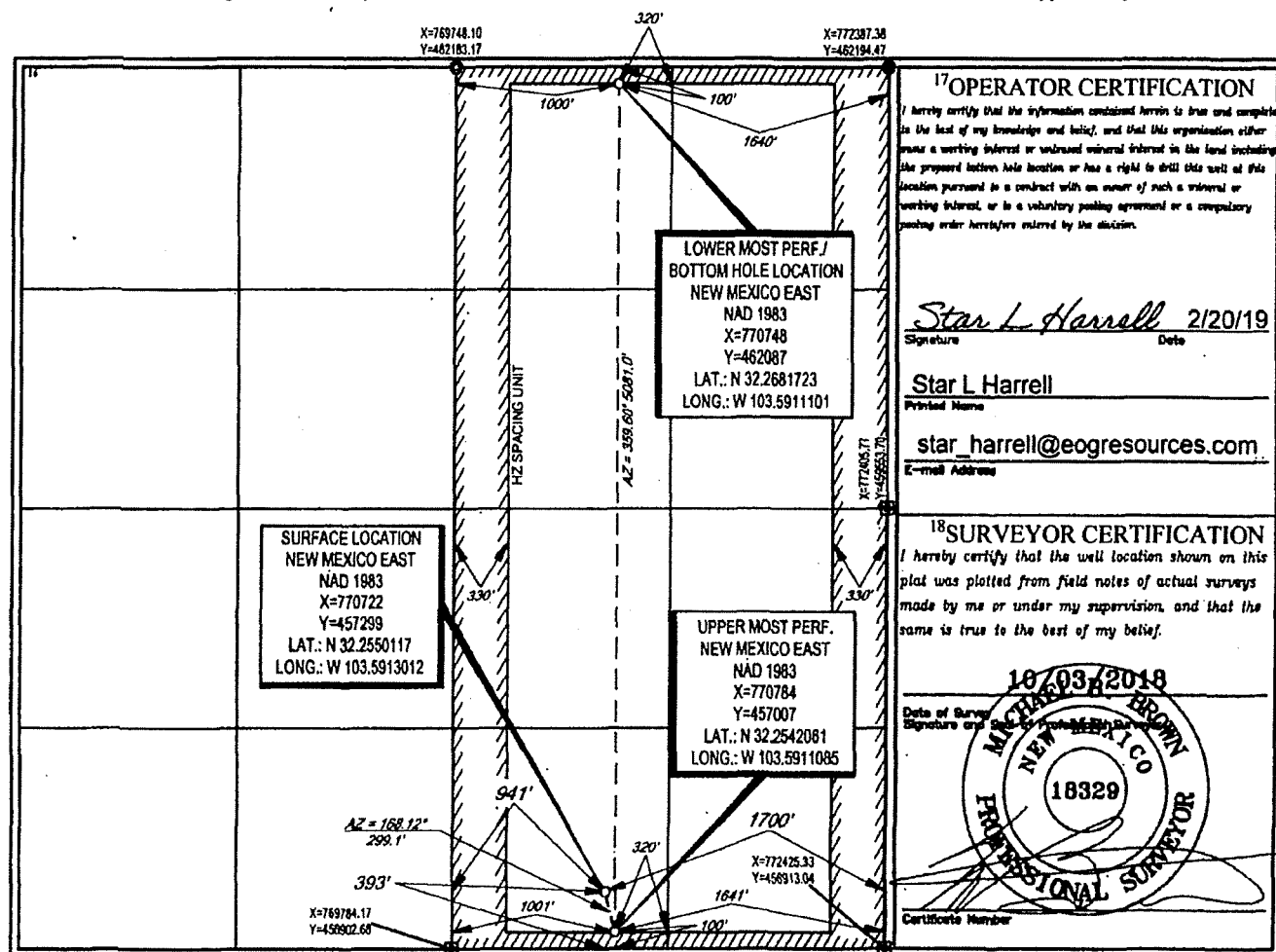
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	23-S	33-E	-	393'	SOUTH	1700'	EAST	LEA

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
B	32	23-S	33-E	-	100'	NORTH	1640'	EAST	LEA

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

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Energy, Minerals & Natural Resources
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OIL CONSERVATION DIVISION
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 45272	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; Upper Wolfcamp
⁴ Property Code 322743	⁵ Property Name YARROW 32 STATE	⁶ Well Number #704H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3672'

¹⁰Surface Location

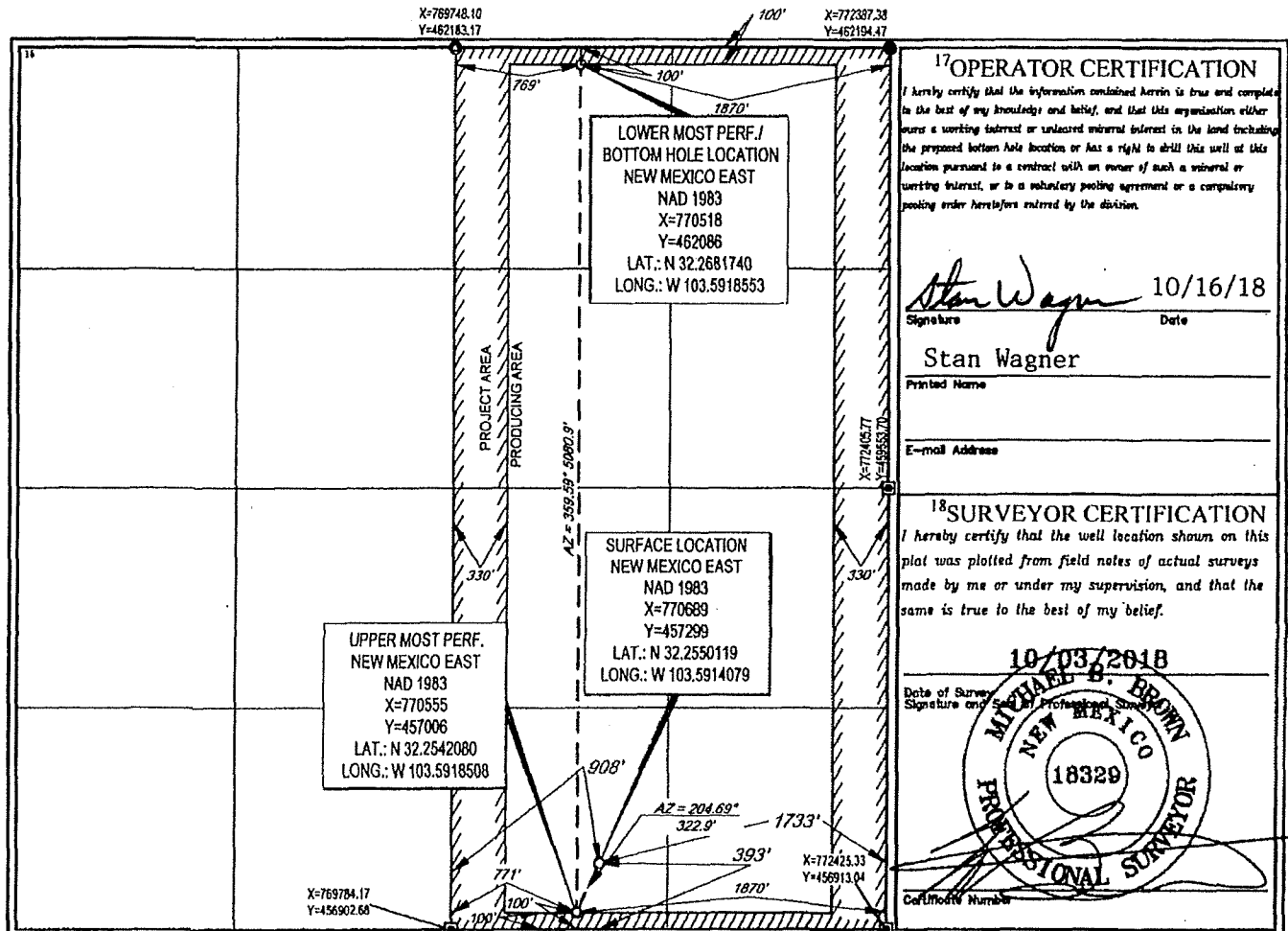
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	23-S	33-E	-	393'	SOUTH	1733'	EAST	LEA

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
B	32	23-S	33-E	-	100'	NORTH	1870'	EAST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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¹⁷OPERATOR CERTIFICATION

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Stan Wagner 10/16/18
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.

10/03/2018
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number