

RECEIVED:	REVIEWER:	TYPE: PC	APP NO: PMAm18221 46574
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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. P.O. Box 2267 Midland, TX 79702	OGRID Number: 7377
Well Name: Magnolia 15 701H and other wells	API: 30-025-43555
Pool: Bradley; Bone Spring & Sanders Tank; Upper Wolfcamp	Pool Code: 7280 & 98097

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

- 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

PC 7324

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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.

Stan Wagner

 Print or Type Name

Stan Wagner

 Signature

08/09/2018

 Date

432-686-3689

 Phone Number

stan_wagner@eogresources.com

 e-mail Address



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 686-3600 Fax: (432) 686-3773

Date: August 7, 2018

To: State of New Mexico Oil Conservation Division

Re: Surface Pool/Lease Commingling Application;
Magnolia 15 #701H, Magnolia 15 #702H, Magnolia 15 #709H, Magnolia
15 #302H

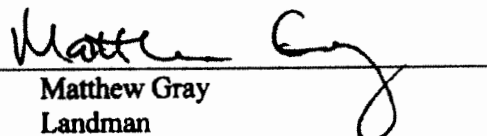
To whom it may concern:

This letter serves to notice you that the ownership of the following wells is identical in working, royalty, and overriding royalty interest and percentages:

	API	WELL NAME	WELL#	LOCATION	POOL CODE/NAME	STATUS
1	30-025-43555	Magnolia 15	#701H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled
2	30-025-43556	Magnolia 15	#702H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled
3	30-025-43557	Magnolia 15	#709H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled
4	30-025-43521 <i>Pending</i>	Magnolia 15	#302H	M-15-26S-33E	Bradley / Bone Springs [7280]	Permitted

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

EOG Resources, Inc.

By: 
Matthew Gray
Landman

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	*Gravities	*GAS BTU/MCFPD
1	30-025-43555	Magnolia 15	#701H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled	46.28	1357/cft
2	30-025-43556	Magnolia 15	#702H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled	46.28	1357/cft
3	30-025-43557	Magnolia 15	#709H	D-15-26S-33E	SANDERS TANK / UPWC [98097]	Drilled	46.28	1357/cft
4	30-025-45021	Magnolia 15	#302H	M-15-26S-33E	Bradley / Bone Springs [7280]	Permitted	46.28	1357/cft

*projected, pending completion

GENERAL INFORMATION:

- Fee Acreage
- The central tank battery to service the subject wells is located in the NWNW of section 15-26S-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.

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.

MAGNOLIA 15 #701H gas allocation meter is an Emerson orifice meter (S/N 67398001)

MAGNOLIA 15 #702H gas allocation meter is an Emerson orifice meter (S/N 67398002)

MAGNOLIA 15 #709H gas allocation meter is an Emerson orifice meter (S/N 67398003)

MAGNOLIA 15 #302H gas allocation meter is an Emerson orifice meter (S/N *11111111)

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

MAGNOLIA 15 #701H oil allocation meter is a FMC Coriolis meter (S/N 10-73480)

MAGNOLIA 15 #702H oil allocation meter is a FMC Coriolis meter (S/N 10-73481)

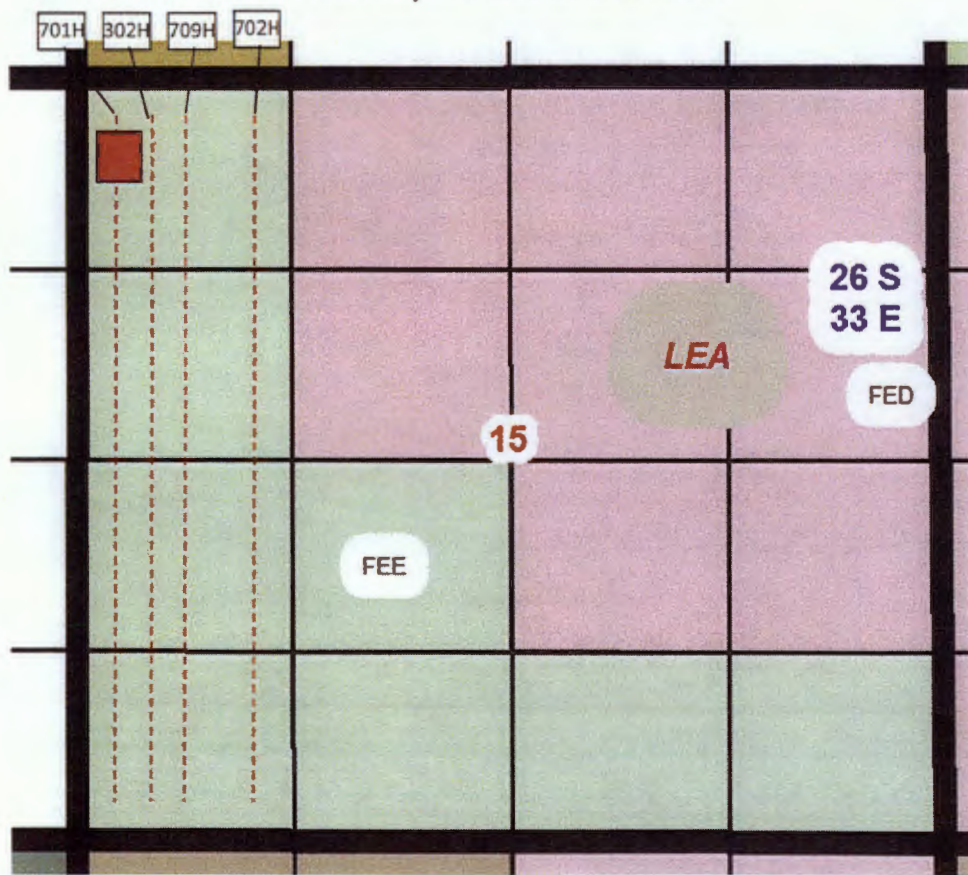
MAGNOLIA 15 #709H oil allocation meter is a FMC Coriolis meter (S/N 10-73781)

MAGNOLIA 15 #302H oil allocation meter is a FMC Coriolis meter (S/N *11-11111)

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 (#67398051) 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 (#67398056) 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 (#67398057) 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 (#67398086). 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.

Magnolia 15 #701H, #702H, #709H, & #302H
Section 15-26S-33E
Lea County, NM
Well Layout and CTB location



Facility

Fee

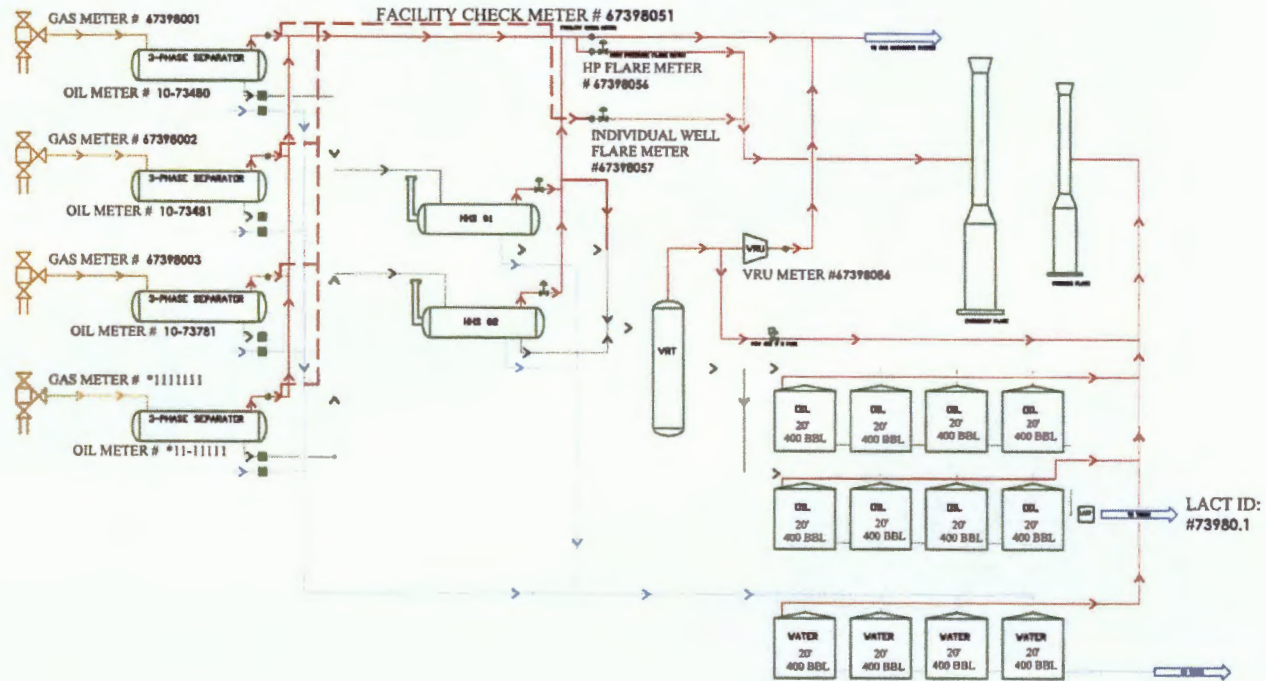
FACILITY NAME: MAGNOLIA 15 WEST CTB

WELL NAME:
MAGNOLIA 15 #701H
API NUMBER:
30-025-43555

WELL NAME:
MAGNOLIA 15 #702H
API NUMBER:
30-025-43556

WELL NAME:
MAGNOLIA 15 #709H
API NUMBER:
30-025-43557

WELL NAME:
MAGNOLIA 15 #302H
API NUMBER:
30-025-45021



Gas Orifice Meter
Liquid Meter

MAGNOLIA 15 WEST CTB PROCESS FLOW

EDG RESOURCES MIDLAND DIVISION	BY: BKW	rev. 00 8/3/2018
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APPLICATION FOR, COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Proposal MAGNOLIA 15 WEST 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
MAGNOLIA 15 #701H		30-025-43555		297.33	46.5	513.97	1331
MAGNOLIA 15 #702H		30-025-43556		256.2	46	482.99	1343
MAGNOLIA 15 #709H		30-025-43557		187.48	46	339.45	1320
MAGNOLIA 15 #302H		30-025-45021		*1900	*44	*3200	*1333

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

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 Bronco 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
RECEIVED
JUN 14 2017

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 30-025-43555		² Pool Code 98097	³ Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
⁴ Property Code 317298	⁵ Property Name MAGNOLIA 15		⁶ Well Number #701H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3295'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	26-S	33-E	-	365'	NORTH	693'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	26-S	33-E	-	218'	SOUTH	343'	WEST	LEA

¹¹ Dedicated Acres 160.00	¹² Joint or Trust	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.

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 in a subsidiary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox 6/13/17
Signature Date
KAY MADDOX
Printed Name
Kay-maddox@egoresources.com
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.

10 JUN 20 2016
Date of Survey
Signature
Professional Surveyor
18329
Certificate Number

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=737740
Y=382619
LAT.: N 32.0496128
LONG.: W 103.5660122
NAD 1983
X=778927
Y=382676
LAT.: N 32.0497377
LONG.: W 103.5664796

UPPER MOST PERF. NEW MEXICO EAST
NAD 1927
X=737377
Y=382652
LAT.: N 32.0497091
LONG.: W 103.5671850
NAD 1983
X=778564
Y=382709
LAT.: N 32.0498342
LONG.: W 103.5676524

LOWER MOST PERF. NEW MEXICO EAST
NAD 1927
X=737410
Y=378030
LAT.: N 32.0370039
LONG.: W 103.5671846
NAD 1983
X=778598
Y=378087
LAT.: N 32.0371291
LONG.: W 103.5676512

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=737410
Y=377830
LAT.: N 32.0367290
LONG.: W 103.5671850
NAD 1983
X=778598
Y=377987
LAT.: N 32.0368542
LONG.: W 103.5676516

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1220 South St. Francis Dr.
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43556		² Pool Code 98097		³ Pool Name WC-025 G-09 S263327G; Upper Wolfcamp	
⁴ Property Code 317298		⁵ Property Name MAGNOLIA 15			⁶ Well Number #702H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3295'

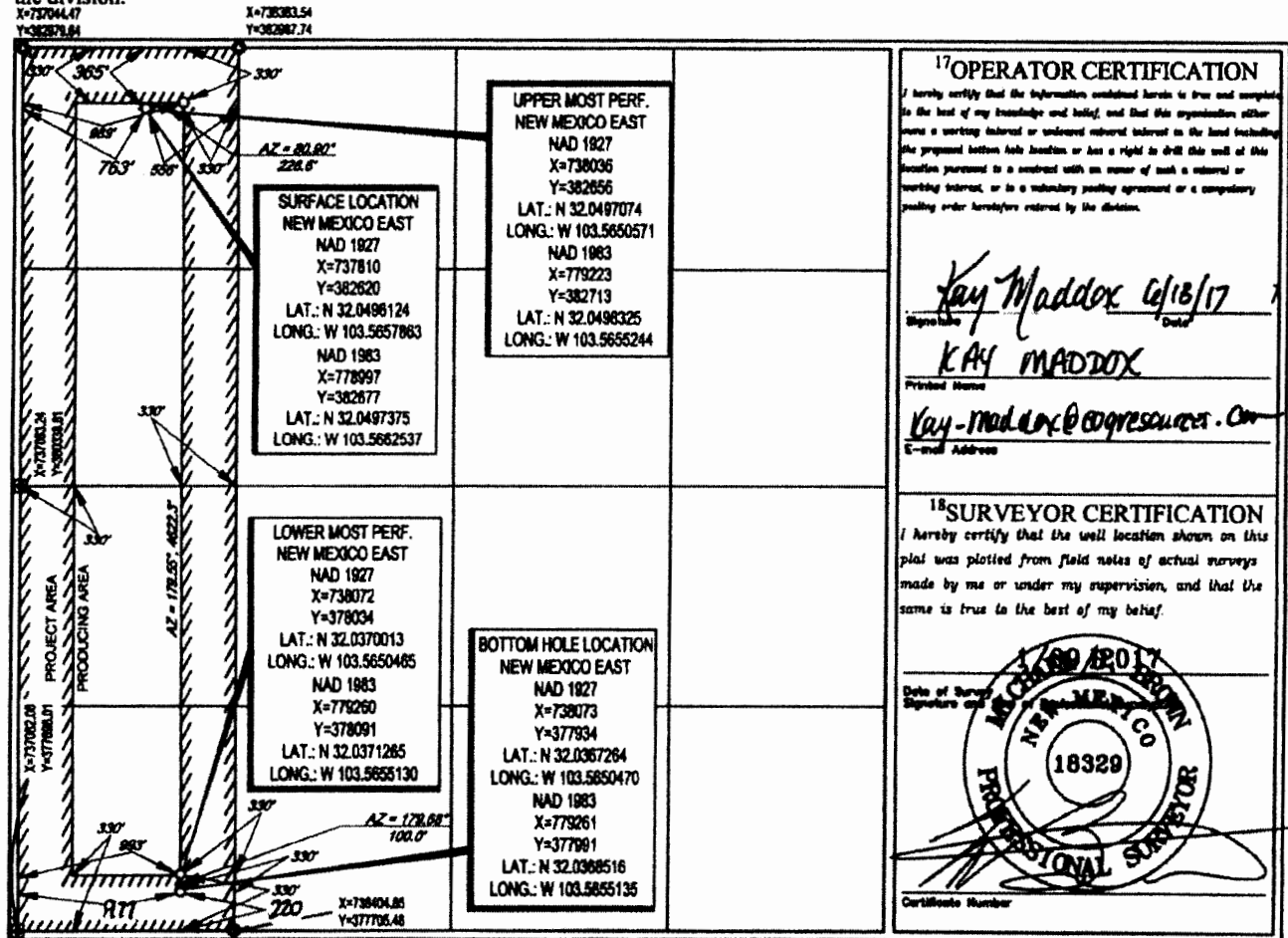
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	15	26-S	33-E	-	365'	NORTH	763'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	15	26-S	33-E	-	220	SOUTH	977	WEST	LEA

¹¹ Dedicated Acres 160.00	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 unconsolidated 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 in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox 6/18/17
Signature Date
KAY MADDOX
Printed Name
Kay-maddox@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: 6/18/2017
Signature: [Signature]
18329
PROFESSIONAL SURVEYOR
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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FORM C-102
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-		² Pool Code 7280		³ Pool Name Bradley; Bone Spring	
⁴ Property Code 317298		⁵ Property Name MAGNOLIA 15			⁶ Well Number #302H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3295'

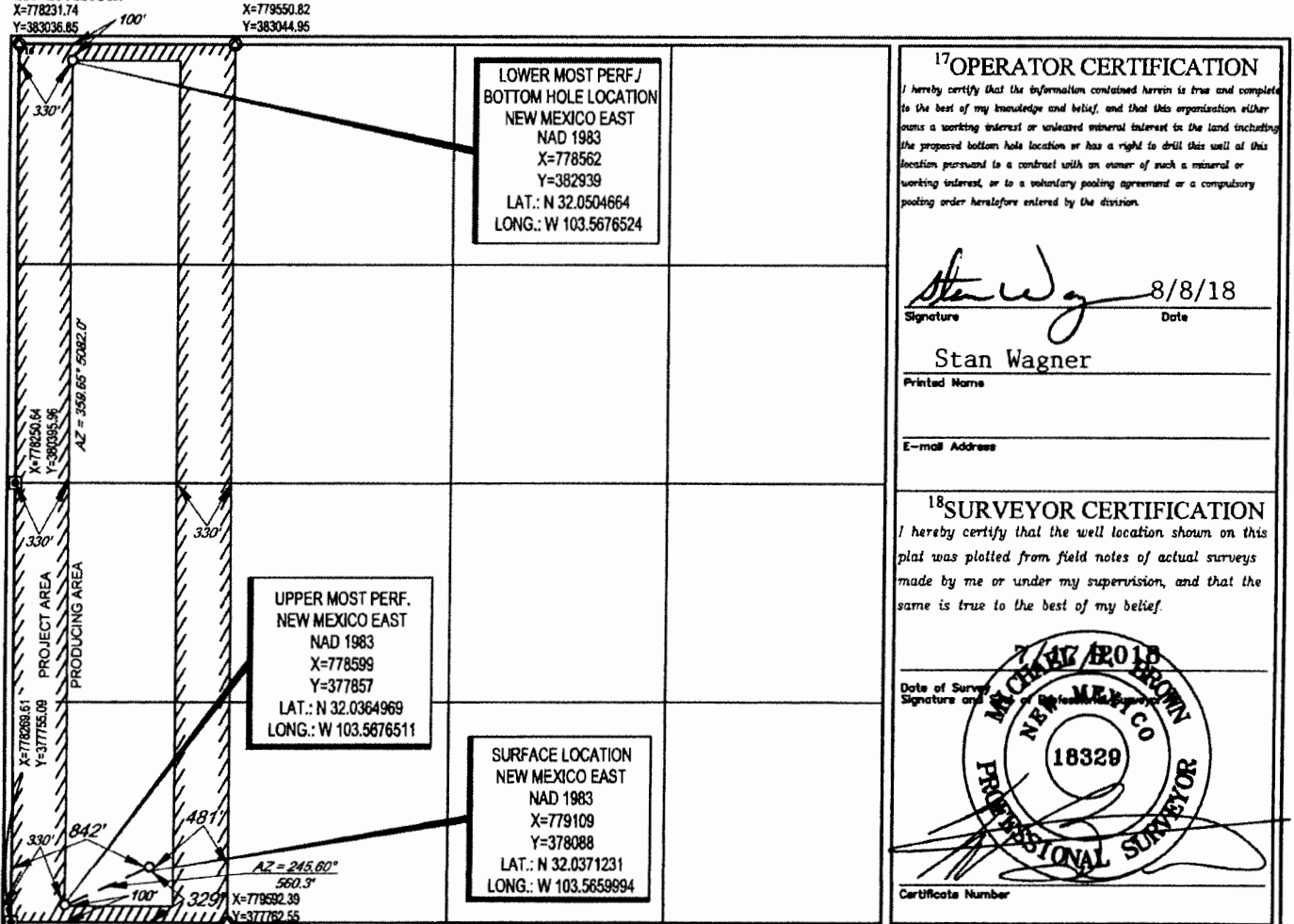
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	26-S	33-E	-	329'	SOUTH	842'	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	15	26-S	33-E	-	100'	NORTH	330'	WEST	LEA

¹¹ Dedicated Acres 160.00	¹² 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 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 8/8/18
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.

Date of Survey
Signature of Surveyor

MC KEAR / 2015 BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

Monthly Production Data

Magnolia 15 701H

Month End Date	Oil - Prod	Oil - Sales	Gas - Prod	Gas - Sales	Water - Prod	MMBTU
5/31/2018 0:00	10565	10768	19717	19697	21341	26909
6/30/2018 0:00	9946	9864	16602	16602	16963	22813
7/31/2018 0:00	8824	8747	14246	14224	16412	19808

Monthly Production Data

Magnolia 15 702H

Month End Date	Oil - Prod	Oil - Sales	Gas - Prod	Gas - Sales	Water - Prod	MMBTU
5/31/2018 0:00	9552	9771	17736	17716	19933	24985
6/30/2018 0:00	8037	7996	14450	14450	17338	20397
7/31/2018 0:00	8040	7934	15061	15036	16776	20218

Monthly Production Data

Magnolia 15 709H

Month End Date	Oil - Prod	Oil - Sales	Gas - Prod	Gas - Sales	Water - Prod	MMBTU
5/31/2018 0:00	6522	6633	11641	11624	21455	16103
6/30/2018 0:00	5810	5771	11362	11362	21944	16242
7/31/2018 0:00	5815	5737	10581	10559	21232	15418