

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

WELL API NO. 30-025-43892
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ruby 2 Fed Com
8. Well Number 702H
9. OGRID Number 7377
10. Pool name or Wildcat Hardin Tank; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3304' GR

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)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator EOG Resources, Inc.	
3. Address of Operator P.O. Box 2267 Midland, TX 79702	
4. Well Location Unit Letter D : 220 feet from the North line and 1178 feet from the West line Section 2 Township 26S Range 34E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3304' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>	Surface Commingling <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>	

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 proposes to surface commingle these wells and future wells, pools from the same lease (separate Com) as follows:

Ruby 2 Fed Com #702H 30-025-43892 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com #703H 30-025-43893 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com #704H 30-025-43894 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com #705H 30-025-43895 (96658) Hardin Tank; Wolfcamp

Surface commingling details attached.

BLM approval is being sought concurrently with the filing of this application.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 7/20/2017  
Type or print name Stan Wagner E-mail address:  PHONE: 432-686-3689  
**For State Use Only**

APPROVED BY: Michael McMillan TITLE Petroleum Engineer DATE   
Conditions of Approval (if any):

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM66927

6. If Indian, Allottee or Tribe Name \*

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
RUBY 2 FED COM 702H9. API Well No.  
30-025-4389210. Field and Pool or Exploratory Area  
HARDIN TANK WOLFCAMP11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
EOG RESOURCES, INC.Contact: STAN WAGNER  
E-Mail: stan\_wagner@eogresources.com

## 3a. Address

ATTN: STAN WAGNER P.O. BOX 2267  
MIDLAND, TX 797023b. Phone No. (include area code)  
Ph: 432-686-3689

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 2 T26S R34E Mer NMP NWNW 220FNL 1178FWL

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG Resources requests permission to surface pool/lease commingle production from this well and future wells at a central tank battery from the following federal lease: NMNM-66927.  
Wells involved are :

Ruby 2 Fed Com 702H 30-025-43892 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com 703H 30-025-43893 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com 704H 30-025-43894 (96658) Hardin Tank; Wolfcamp  
Ruby 2 Fed Com 705H 30-025-43895 (96658) Hardin Tank; Wolfcamp

Commingling details attached.

Concurrent application filed with NMOCD an NMSLO.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #381896 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Hobbs**

Name (Printed/Typed) STAN WAGNER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/20/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

### APPLICATION FOR SURFACE POOL/LEASE COMMINGLING - STATE

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	*OIL API	*GAS BTU
1	30-025-43892	RUBY 2 FED COM	#702H	D-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED	44	1,250/cft
2	30-025-43893	RUBY 2 FED COM	#703H	D-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED	44	1,250/cft
3	30-025-43894	RUBY 2 FED COM	#704H	C-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED	44	1,250/cft
4	30-025-43895	RUBY 2 FED COM	#705H	C-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED	44	1,250/cft

\* projected; pending completion

#### GENERAL INFORMATION:

- Federal Lease NMNM 66927 covers 2,480 acres, being all of sections 4 & 9, the W2NE, SENE, W2, SE section 3 and the N2, SW, NESE, W2SE section 11, in Township 26 South, Range 34 East, Lea County, New Mexico.
- State lease VB-1820-1 covers 320 acres, being the N2 of section 2 in Township 26 South, Range 34 East, Lea County, New Mexico.
- State lease VB-1821-1 covers 320 acres, being the S2 of section 2 in Township 26 South, Range 34 East, Lea County, New Mexico.
- The W2NW-2 of VB-1820-1, W2SW-2 of VB-1821-1, and the W2W2-11 of NM 66927 will be communitized for the Wolfcamp formation. A State/Fed form of communitization will be submitted to both the New Mexico State Land Office and Bureau of Land Management for approval.
- The E2NW-2 of VB-1820-1, E2SW-2 of VB-1821-1, and the E2W2-11 of NM 66927 will be communitized for the Wolfcamp formation. A State/Fed form of communitization will be submitted to both the New Mexico State Land Office and Bureau of Land Management for approval.
- The W2NE-2 of VB-1820-1, W2SE-2 of VB-1821-1, and the W2E2-11 of NM 66927 will be communitized for the Wolfcamp formation. A State/Fed form of communitization will be submitted to both the New Mexico State Land Office and Bureau of Land Management for approval.
- The central tank battery to service the subject wells is located in the SESW of section 2-26S-34E.
- Ownership of all of the subject wells is identical (see landman statement attached).
- An application to commingle production from the subject wells is being submitted to the NMSLO, BLM 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, and (3) 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.

RUBY 2 FEDERAL COM #702H gas allocation meter is an Emerson orifice meter

RUBY 2 FEDERAL COM #703H gas allocation meter is an Emerson orifice meter

RUBY 2 FEDERAL COM #704H gas allocation meter is an Emerson orifice meter

RUBY 2 FEDERAL COM #705H gas allocation meter is an Emerson orifice meter

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

RUBY 2 FEDERAL COM #702H oil allocation meter is a FMC Coriolis meter

RUBY 2 FEDERAL COM #703H oil allocation meter is a FMC Coriolis meter

RUBY 2 FEDERAL COM #704H oil allocation meter is a FMC Coriolis meter

RUBY 2 FEDERAL COM #705H oil allocation meter is a FMC Coriolis meter

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 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 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. 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.



**EOG Resources, Inc.**  
5509 Champions Drive  
Midland, Texas 79706  
(432) 686-3600

Date: July 17, 2017  
To: State of New Mexico Oil Conservation Division  
Re: Surface Pool/Lease Commingling Application; Ruby 2 Fed Com #s 702H-705H


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	30-025-43892	RUBY 2 FED COM	#702H	D-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED
2	30-025-43893	RUBY 2 FED COM	#703H	D-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED
3	30-025-43894	RUBY 2 FED COM	#704H	C-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED
4	30-025-43895	RUBY 2 FED COM	#705H	C-2-26S-34E	[96658] HARDIN TANK; WOLFCAMP	PERMITTED

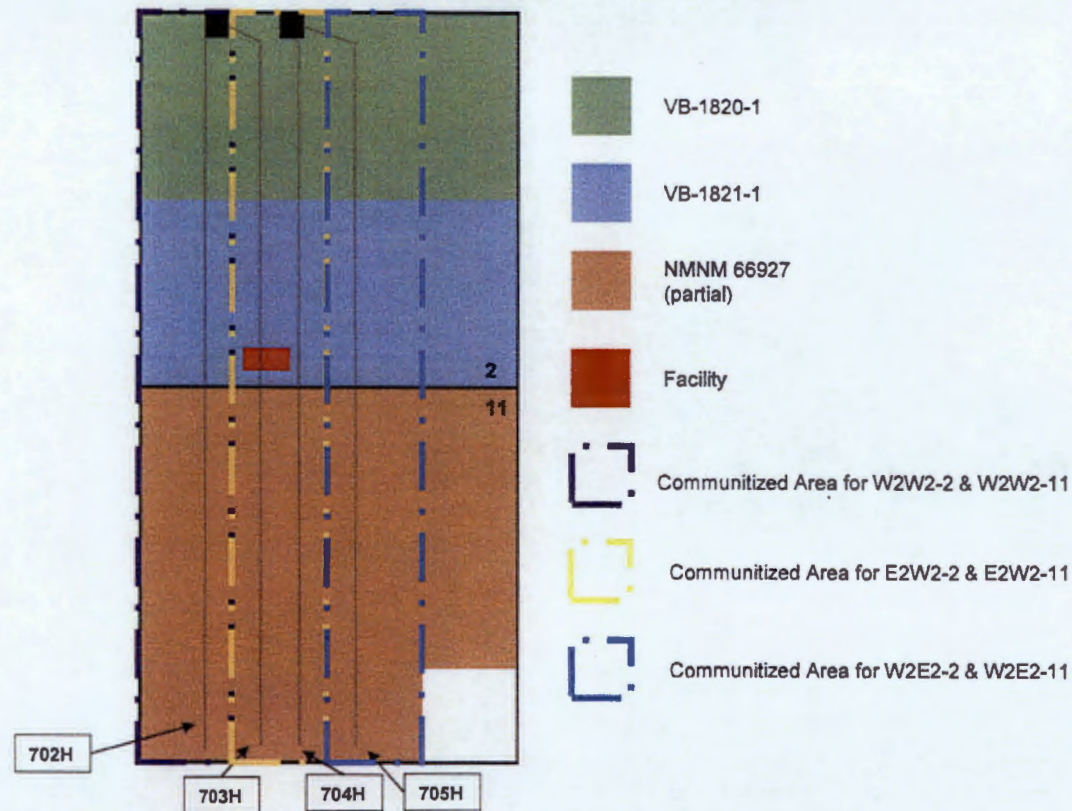
I certify that this information is true and correct to the best of my knowledge.

EOG Resources, Inc.

By: 

Paul Boland  
Sr. Landman

**Ruby 2 Fed Com #702H, #703H, #704H, & #705H  
Sections 2&11-26S-34E, Lea County, NM  
Well Layout and CTB location**





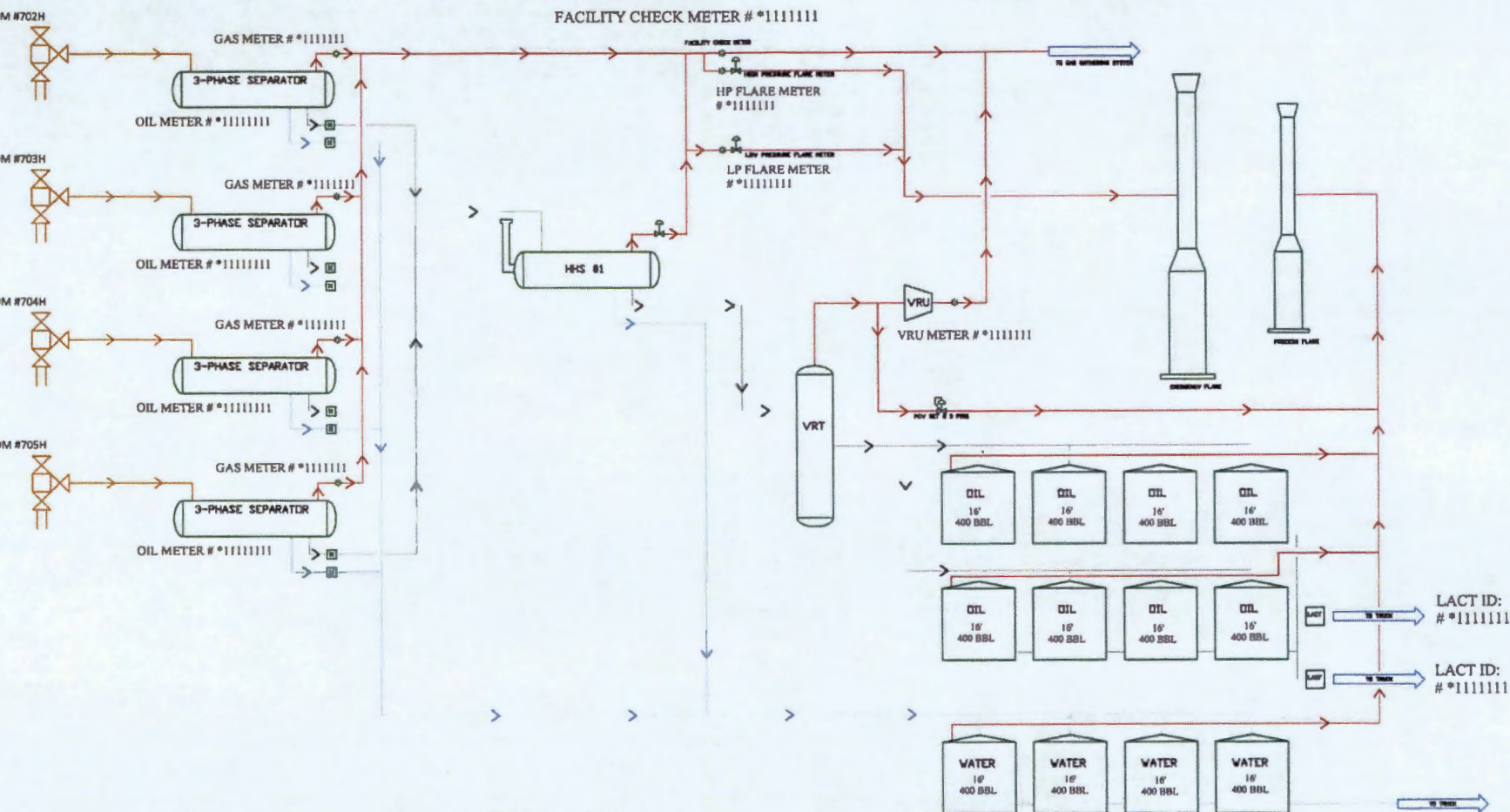
# FACILITY NAME: RUBY 2 FED COM CTB

WELL NAME:  
RUBY 2 FEDERAL COM #702H  
API NUMBER:  
30-025-43892

WELL NAME:  
RUBY 2 FEDERAL COM #703H  
API NUMBER:  
30-025-43883

WELL NAME:  
RUBY 2 FEDERAL COM #704H  
API NUMBER:  
30-025-43894

WELL NAME:  
RUBY 2 FEDERAL COM #705H  
API NUMBER:



Gas Drift Meter

Liquid Meter

\*Test meter numbers will be provided upon installation of meters and completion of the facility.

RUBY 2 FED COM CTB PROCESS  
FLOW

EDG RESOURCES  
MIDLAND DIVISION

BY: BKM

rev. 00  
7/17/2017

**Product IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462



District I  
1625 N. French Dr., Hobbs, NM 88240  
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Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
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

<sup>1</sup> API Number 30-025-	<sup>2</sup> Pool Code 96658	<sup>3</sup> Pool Name Hardin Tank; Wolfcamp
<sup>4</sup> Property Code	<sup>5</sup> Property Name RUBY 2 FED COM	<sup>6</sup> Well Number #703H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3305'

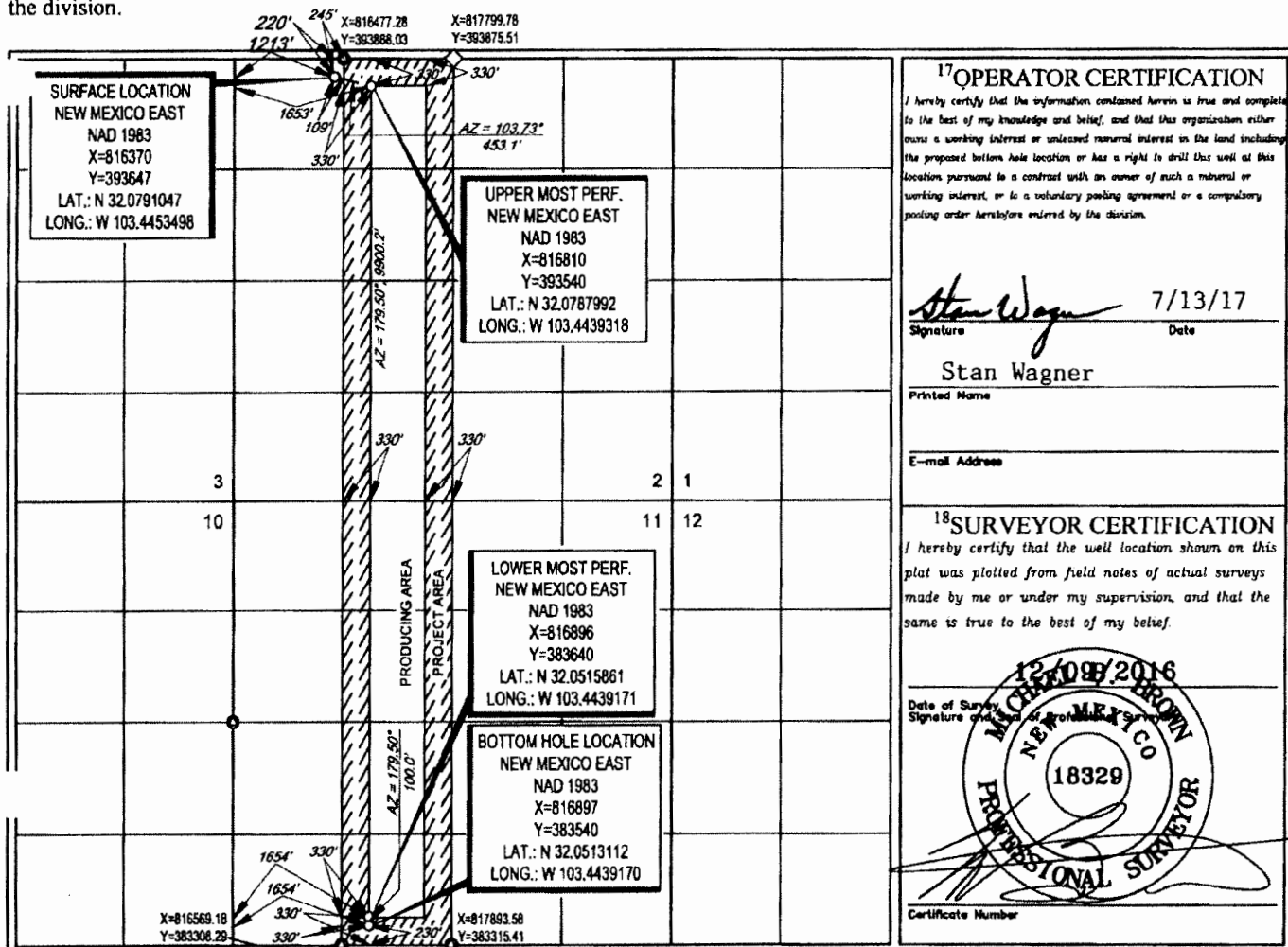
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	26-S	34-E	-	220'	NORTH	1213'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	26-S	34-E	-	230'	SOUTH	1654'	WEST	LEA

<sup>12</sup> Dedicated Acres 320.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



S:\SURVEY\EOG MIDLAND\RUBY 2 FED COM\FINAL PRODUCTS\LO RUBY2\FEDCOM 704H REV1.DWG 7/11/2017 11:22:28 AM ccaster

District I  
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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  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-	<sup>2</sup> Pool Code 96658	<sup>3</sup> Pool Name Hardin Tank; Wolfcamp
<sup>4</sup> Property Code	<sup>5</sup> Property Name RUBY 2 FED COM	<sup>6</sup> Well Number #705H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3295'

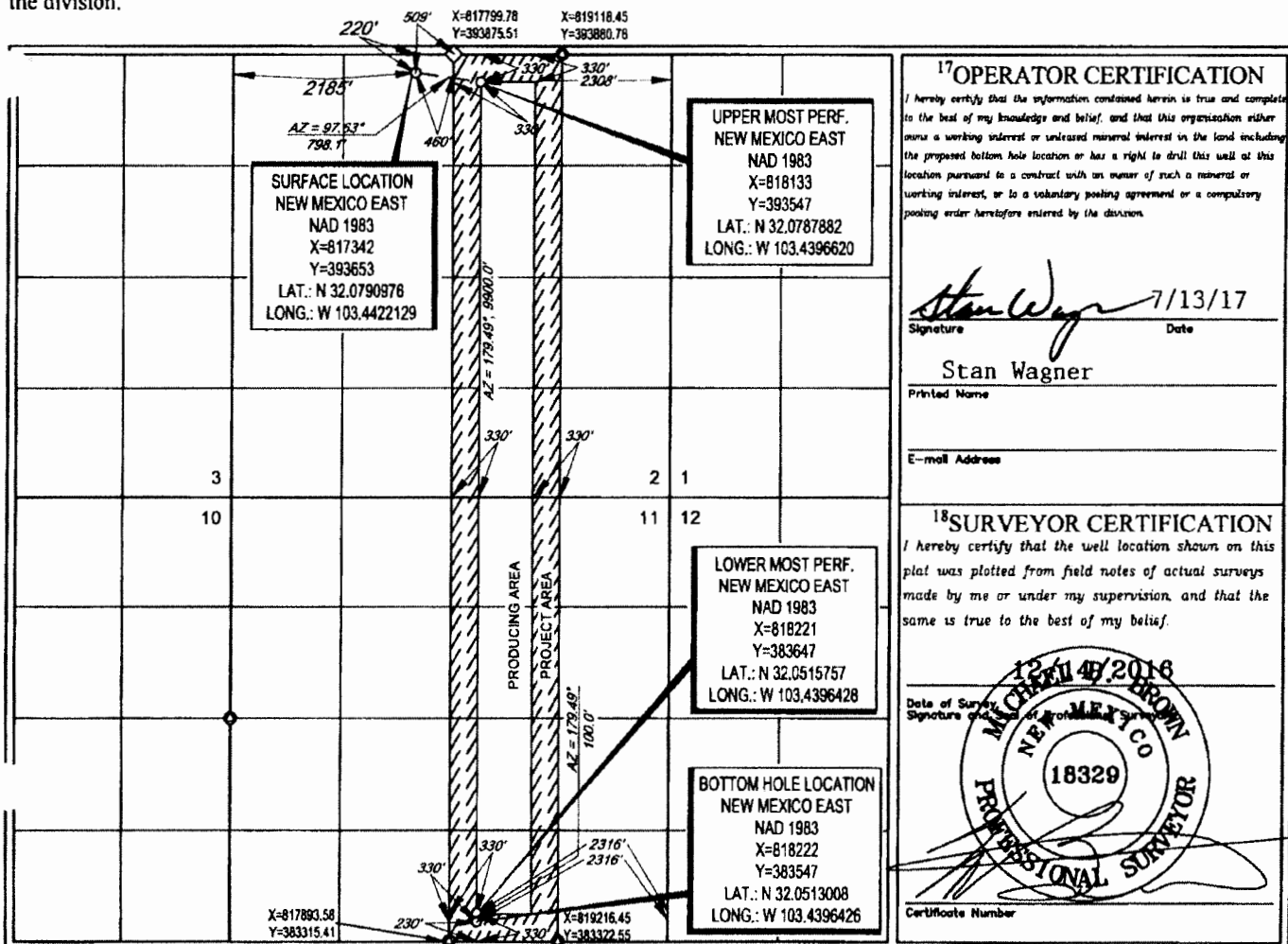
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	26-S	34-E	-	220'	NORTH	2185'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	11	26-S	34-E	-	230'	SOUTH	2316'	EAST	LEA

<sup>12</sup> Dedicated Acres 320.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



<sup>17</sup>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.

*Stan Wagner* 7/13/17  
Signature Date

Stan Wagner  
Printed Name

E-mail Address

<sup>18</sup>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.

12/14/2016  
Date of Survey  
Signature of Surveyor

MICHAEL BROWN  
NEW MEXICO  
18329  
PROFESSIONAL SURVEYOR  
Certificate Number