

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM122622

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
Multiple--See Attached

2. Name of Operator  
EOG RESOURCES INC

Contact: STAN WAGNER  
E-Mail: stan\_wagner@eogresources.com

9. API Well No.  
Multiple--See Attached

3a. Address  
1111 BAGBY SKY LOBBY2  
HOUSTON, TX 77002

3b. Phone No. (include area code)  
Ph: 432-686-3689

10. Field and Pool or Exploratory Area  
WC025G09S263327G-UP WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple--See Attached

11. County or Parish, State  
LEA COUNTY, NM

**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 Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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 lease/pool commingle production from this well and future wells at a central tank battery. Wells are:

**HOBBS OCD**  
**JUL 19 2018**  
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~~Original 22 Fed Com 7007~~ 30-025-44006 (98097) WC-025 G-09 S263327G UPR WC } NM137525  
~~Original 22 Fed Com 7007~~ 30-025-44007 (98097) WC-025 G-09 S263327G UPR WC }  
~~Original 22 Fed Com 7007~~ 30-025-44009 (98097) WC-025 G-09 S263327G UPR WC } NM137526  
~~Original 22 Fed Com 7007~~ 30-025-44008 (98097) WC-025 G-09 S263327G UPR WC }

Commingling details attached.

Concurrently being filed with NMOCD.

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

**Electronic Submission #390149 verified by the BLM Well Information System**  
**For EOG RESOURCES INC, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 11/06/2017 (18PP0176SE)**

Name (Printed/Typed) STAN WAGNER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/28/2017

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

Approved By

*J.D. Whitlock*

Title

TLPET

Date

6/28/18

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

CFO

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*MSB/OCD 7/23/2018*

**Additional data for EC transaction #390149 that would not fit on the form**

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

NMNM137525  
NMNM137526

**Wells/Facilities, continued**

<b>Agreement</b>	<b>Lease</b>	<b>Well/Fac Name, Number</b>	<b>API Number</b>	<b>Location</b>
NMNM137525	NMNM122622	OPHELIA 22 FED COM 704H	32-025-44008-00-S1	Sec 22 T26S R33E NWNW 200FNL 644FWL 32.035670 N Lat, 103.566660 W Lon
NMNM137525	NMNM122622	OPHELIA 22 FED COM 705H	32-025-44007-00-S1	Sec 22 T26S R33E NWNW 200FNL 679FWL 32.035670 N Lat, 103.566520 W Lon
NMNM137526	NMNM122622	OPHELIA 22 FED COM 706H	32-025-44009-00-S1	Sec 22 T26S R33E NENW 200FNL 1967FWL 32.035665 N Lat, 103.562370 W Lon
NMNM137526	NMNM122622	OPHELIA 22 FED COM 707H	32-025-44008-00-S1	Sec 22 T26S R33E NENW 200FNL 2001FWL 32.035665 N Lat, 103.562257 W Lon

**APPLICATION FOR SURFACE POOL/LEASE COMMINGLING & OFF LEASE MEASUREMENT-BLM**

EOG Resources, Inc. ("EOG") respectfully requests approval to surface pool/lease commingle and measure off lease the production of oil & gas from the following wells:

	API	WELL NAME	WELL #	LOCATION	POOL CODE/NAME	STATUS	*OIL API/BOPD	*GAS BTU/MCFPD
1	30-025-44006	OPHELIA 22 FEDERAL COM	#704H	D-22-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP	PERMITTED	45/2,500	1,100/4,500
2	30-025-44007	OPHELIA 22 FEDERAL COM	#705H	D-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED	45/2,500	1,100/4,500
3	30-025-44009	OPHELIA 22 FEDERAL COM	#706H	C-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED	45/2,500	1,100/4,500
4	30-025-44008	OPHELIA 22 FEDERAL COM	#707H	C-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED	45/2,500	1,100/4,500

**Federal Lease Number: NMNM 122622**

\* current values are estimated. EOG will provide actual Gravities, Oil BOPD, BTU, and MCFPD upon completion of the wells.

**GENERAL INFORMATION:**

- Federal lease NM 122622 covers 1,640 acres, being the NW of Section 22, the E2, N2NW, SWNW, and N2SW of Section 23, the E2 of Section 24 and all of Section 25 in 26S-33E, Lea County, New Mexico and has a base lease royalty of 1/8.
- EOG is the Lessee of all of the fee interests in 960 acres comprised of the S2 of Section 22, the N2 of Section 27, the S2SW of Section 23 and the W2NW of Section 26, the E2SE of Section 21 and the E2NE of Section 28 in 26S-33E, Lea County, New Mexico.
- The W2NW of Section 22 from NM 122622 and the W2SW Section 22 and W2NW Section 27 from the fee leases will be communitized for the Wolfcamp formation. A Fed/Fee form of communitization has been submitted to the Bureau of Land Management for approval.
- The E2NW of Section 22 from NM 122622 and the E2SW of Section 22 and E2NW of Section 27 from the fee leases will be communitized for the Wolfcamp formation. A Fed/Fee form of communitization has been submitted to the Bureau of Land Management for approval.
- The central tank battery to service the subject wells is located in the NWNW of Section 22-26S-33E.
- Ownership is identical in each of the subject wells.
- No third party notice is warranted, other than an application and subsequent approval from the BLM and NMOCD. An application to commingle production from the subject wells is being submitted to 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, (3) the C-102 plat for each of the wells, and (4) the serial register page for NMNM 122622.

## OIL AND GAS METERING AND PROCESS AND FLOW DESCRIPTIONS:

### 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.

OPHELIA 22 FED COM #704H ~~gas~~ allocation meter is an Emerson orifice meter (S/N \*1111111)

OPHELIA 22 FED COM #705H ~~gas~~ allocation meter is an Emerson orifice meter (S/N \*1111111)

OPHELIA 22 FED COM #706H ~~gas~~ allocation meter is an Emerson orifice meter (S/N \*1111111)

OPHELIA 22 FED COM #707H ~~gas~~ allocation meter is an Emerson orifice meter (S/N \*1111111)

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

OPHELIA 22 FED COM #704H ~~oil~~ allocation meter is a FMC Coriolis meter (S/N \*1111111)

OPHELIA 22 FED COM #705H ~~oil~~ allocation meter is a FMC Coriolis meter (S/N \*1111111)

OPHELIA 22 FED COM #706H ~~oil~~ allocation meter is a FMC Coriolis meter (S/N \*1111111)

OPHELIA 22 FED COM #707H ~~oil~~ allocation meter is a FMC Coriolis meter (S/N \*1111111)

The water will be measured using a turbine 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 Emerson orifice meter (# \*1111111)~~ 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 (# \*1111111 and # \*1111111)~~ 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 (# \*1111111)~~. 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.~~



**ECONOMIC JUSTIFICATION**

Single Well Production

Federal Lease NMNM 122622 Royalty Rate: 12.5%

	Well Name	*Oil BPD	*Gravity	*Value/BBL	*MCFPD	*BTU	*Value/MCF
1	Ophelia 22 Fed Com #704H	2,500	45	\$51.45	4,500	1,100	\$3.07
2	Ophelia 22 Fed Com #705H	2,500	45	\$51.45	4,500	1,100	\$3.07
3	Ophelia 22 Fed Com #706H	2,500	45	\$51.45	4,500	1,100	\$3.07
4	Ophelia 22 Fed Com #707H	2,500	45	\$51.45	4,500	1,100	\$3.07

Combined Production

Federal Lease NMNM 122622 Royalty Rate: 12.5%

	Well Name	*Oil BPD	*Gravity	*Value/BBL	*MCFPD	*BTU	*Value/MCF
1	Ophelia 22 Fed Com CTB	10,000	45	\$51.45	18,000	1,100	\$3.07

\*Current values are estimates. EOG will provide actual Gravities, Oil BOPD, BTU, and MCFPD upon completion of the wells.



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

Date: September 20, 2017  
To: State of New Mexico Oil Conservation Division  
Re: Surface Pool/Lease Commingling Application/Off Lease Measurement;  
Ophelia 22 Fed Com #s 704H-707H

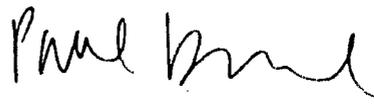
To whom it may concern:

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	30-025-44006	OPHELIA 22 FEDERAL COM	#704H	D-22-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP	PERMITTED
2	30-025-44007	OPHELIA 22 FEDERAL COM	#705H	D-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED
3	30-025-44009	OPHELIA 22 FEDERAL COM	#706H	C-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED
4	30-025-44008	OPHELIA 22 FEDERAL COM	#707H	C-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED

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

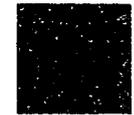
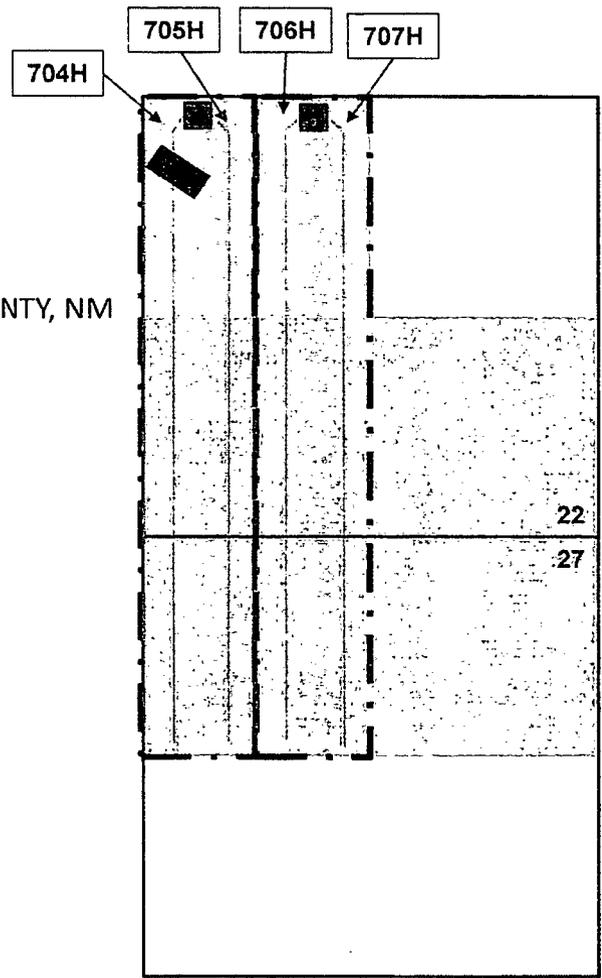
EOG Resources, Inc.

By: 

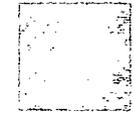
Paul Boland  
Land Specialist

# OPHELIA 22 FED COM WELLS & CTB LOCATION

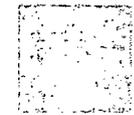
SECTIONS 22 & 27, T26S, R33E, LEA COUNTY, NM



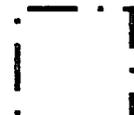
CTB Location



NMNM 122622 (partial)



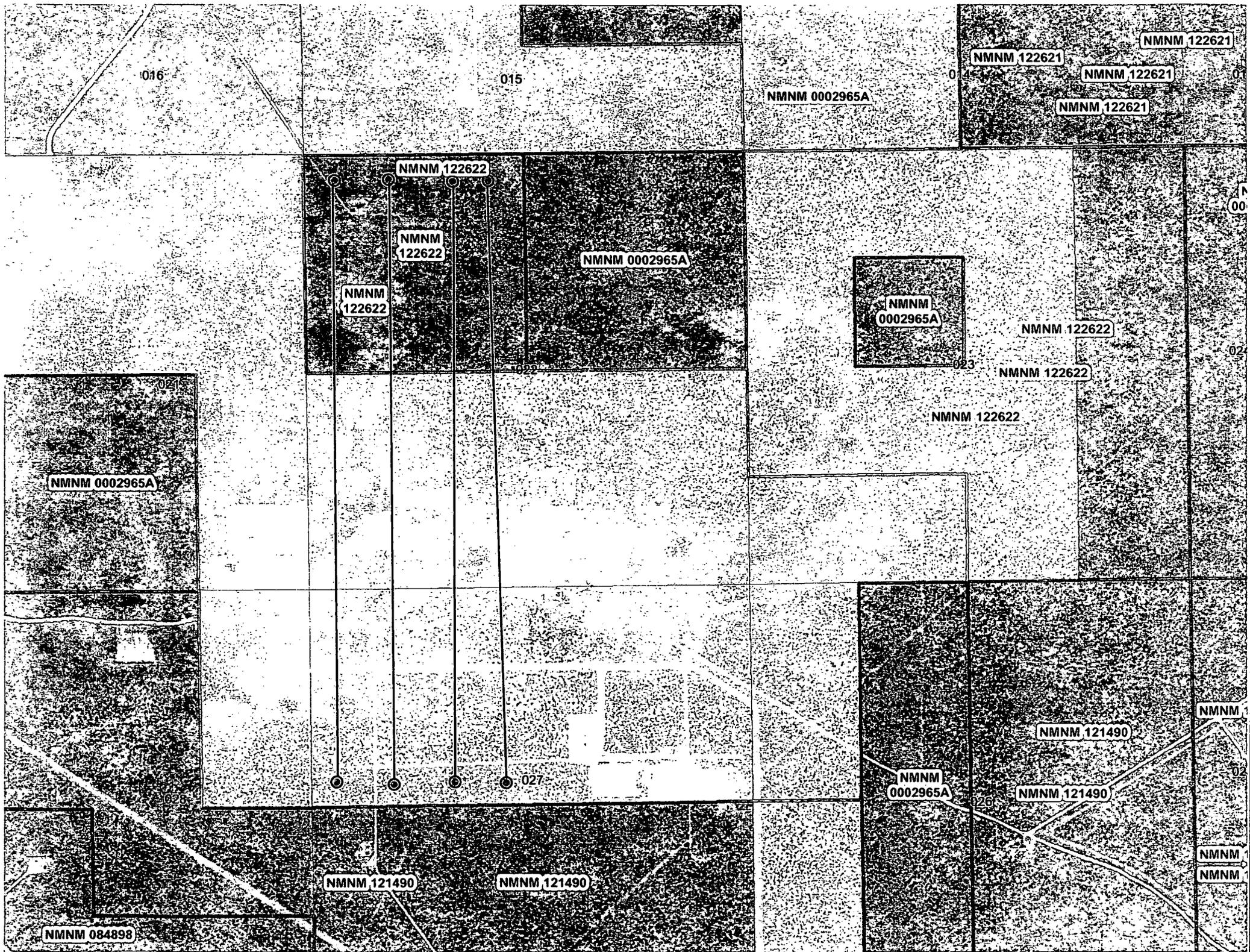
Fee Leases (partial)



Communitized Area for  
#704H & #705H *NM137525*



Communitized Area for  
#706H and #707H *NM137526*



016

015

NMNM 0002965A

NMNM 122621

NMNM 122621

NMNM 122621

NMNM 122621

NMNM 122622

NMNM 122622

NMNM 0002965A

NMNM 122622

NMNM 0002965A

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NMNM 137525

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137016

NMNM

136548

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NMNM 121490

NMNM 0002965A

NMNM 121490

NMNM 121490

NMNM 121490

NMNM 1

NMNM 13

NMNM 1

NMNM 1

NMNM 084898

District I  
1625 N French Dr. H. in NM 88210  
Phone (505) 334-6418 Fax (505) 334-6419

District II  
811 S First St. Artes, NM 88210  
Phone (505) 334-1253 Fax (505) 334-1254

District III  
1060 Rio Hondo Road, Artes, NM 88211  
Phone (505) 334-6178 Fax (505) 334-6179

District IV  
1220 S. St. Francis Dr. Santa Fe, NM 87505  
Phone (505) 476-7346 Fax (505) 476-7347

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 30-025-44006		<sup>2</sup> Pool Code 98097	<sup>3</sup> Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
<sup>4</sup> Property Code 719669	<sup>5</sup> Property Name OPHELIA 22 FED COM		<sup>6</sup> Well Number #704E
<sup>7</sup> UGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.		<sup>9</sup> Elevation 3294'

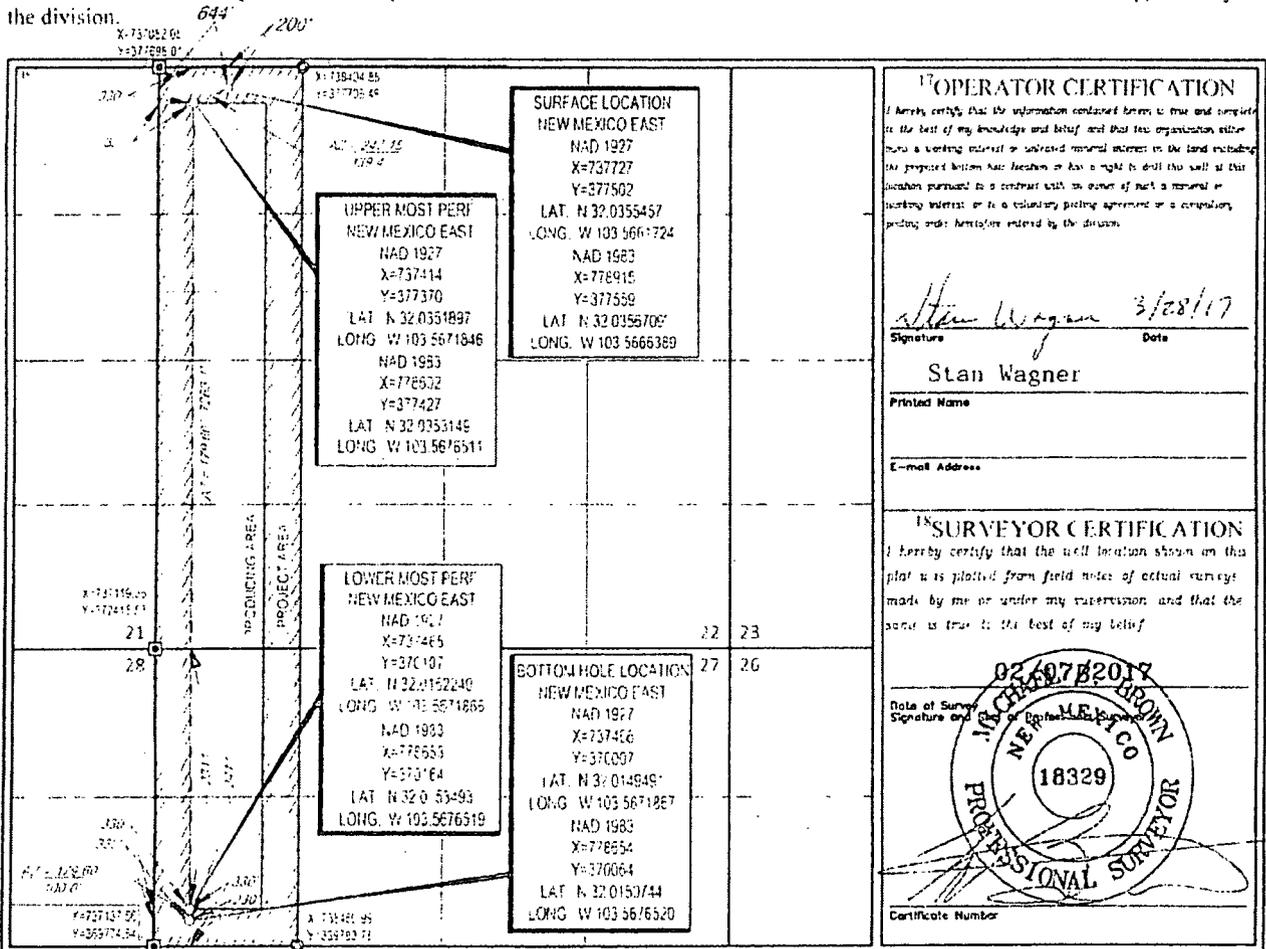
<sup>10</sup>Surface Location

U.I. or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	26-S	33-E	-	200'	NORTH	644'	WEST	LEA

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	26-S	33-E	-	2411'	NORTH	330'	WEST	LEA

<sup>11</sup> Dedicated Acres 240.00	<sup>12</sup> Joint or Infill	<sup>13</sup> Consolidation Code	<sup>14</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.



District I  
1625 N French Dr. Hobbs, NM 88249  
Phone (505) 393-6161 Fax (505) 393-6162  
District II  
811 S First St. Artesa, NM 88219  
Phone (575) 48-1253 Fax (575) 48-1254  
District III  
1600 Rio Brazos Road, Aztec, NM 87412  
Phone (505) 334-4138 Fax (505) 334-4139  
District IV  
1275 S. St. Francis Dr. Santa Fe, NM 87505  
Phone (505) 436-3469 Fax (505) 436-3470

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**HOBBS OCD**  
SEP 11 2017  
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FORM C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025- <b>44007</b>		Pool Code 98097	Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
Property Code <b>719569</b>	Property Name <b>OPHELIA 22 FED COM</b>		Well Number <del>#705H</del>
OGRID No. 7377	Operator Name <b>EOG RESOURCES, INC.</b>		Elevation <b>3295'</b>

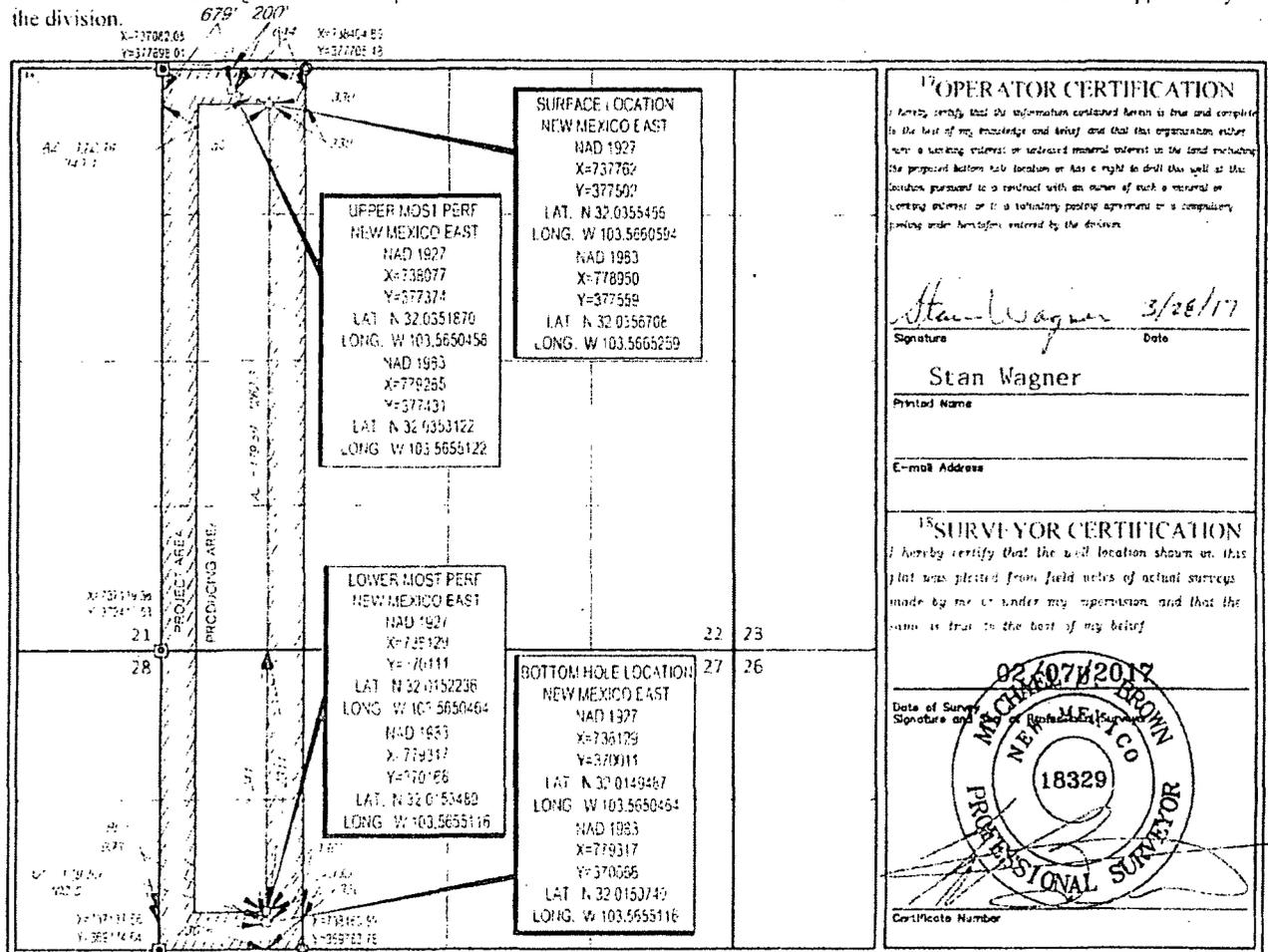
**10 Surface Location**

TL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>22</b>	<b>26-S</b>	<b>33-E</b>	<b>-</b>	<b>200'</b>	<b>NORTH</b>	<b>679'</b>	<b>WEST</b>	<b>LEA</b>

TL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>27</b>	<b>26-S</b>	<b>33-E</b>	<b>-</b>	<b>2411'</b>	<b>NORTH</b>	<b>993'</b>	<b>WEST</b>	<b>LEA</b>

Dedicated Acres <b>240.00</b>	Joint or Infill	Consolidation Code	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.



District  
 1225 N. French Dr. Hobbs, NM 87501  
 Phone: (505) 493-4101 Fax: (505) 493-4102  
 District II  
 411 S. First St. Artesia, NM 88201  
 Phone: (505) 743-1754 Fax: (505) 743-1755  
 District III  
 1970 Red Dragon Road, Artesia, NM 88201  
 Phone: (505) 434-6172 Fax: (505) 434-6173  
 District IV  
 1220 S. St. Francis Dr. Santa Fe, NM 87505  
 Phone: (505) 424-4101 Fax: (505) 424-4102

State of New Mexico **HOBBS OCD**  
 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

SEP 11 2017  
**RECEIVED**

**WELL LOCATION AND ACREAGE DEDICATION PLAN**

API Number 30-025- <b>44008</b>	Pool Code 98097	Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
Property Code <b>719469</b>	Property Name <b>OPHELIA 22 FED COM</b>	Well Number <b>5707H</b>
UGRID No. 7377	Operator Name <b>EOG RESOURCES, INC.</b>	Elevation <b>3301'</b>

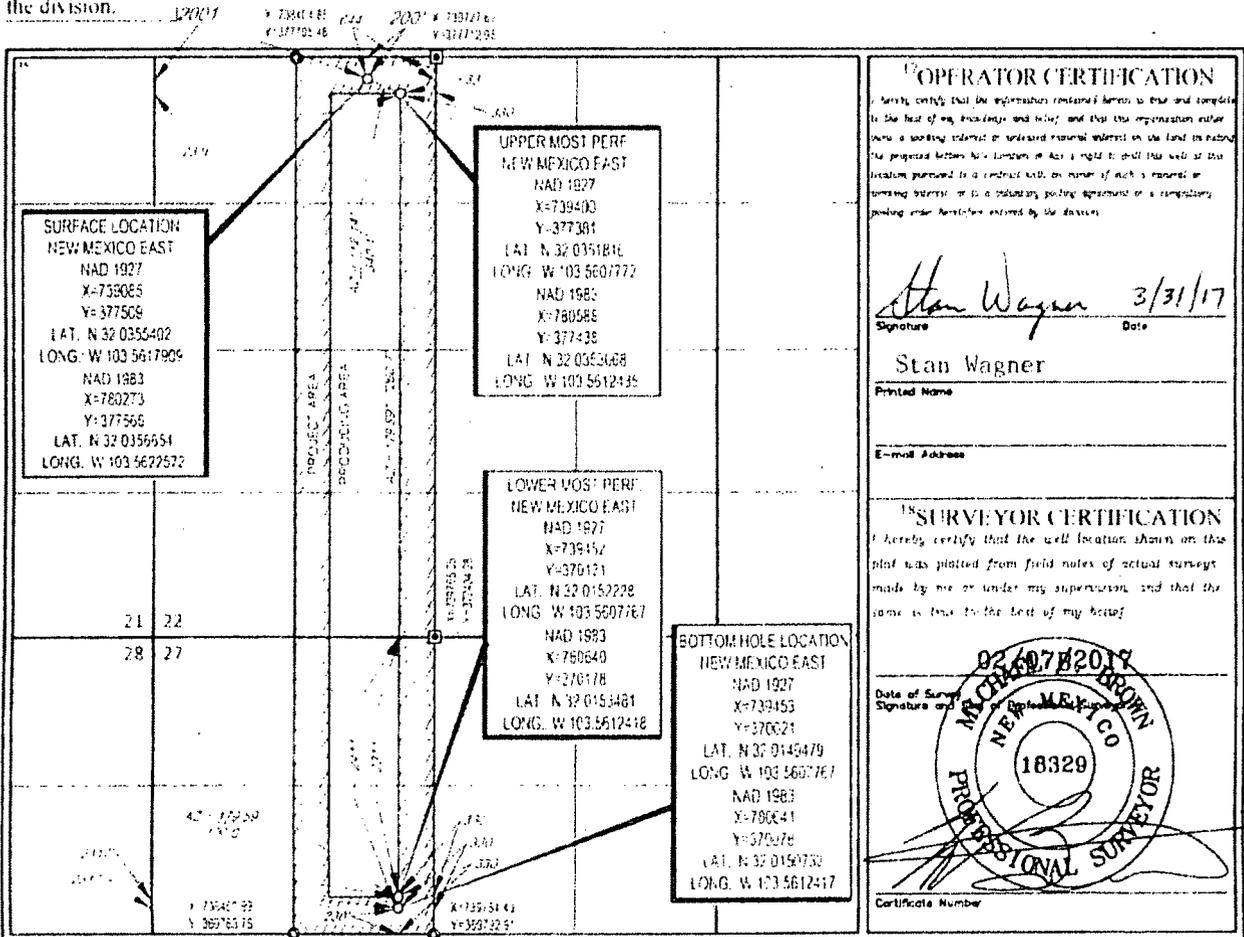
**10 Surface Location**

UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	26-S	33-E	-	200'	NORTH	2001'	WEST	LEA

UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	26-S	33-E	-	2411'	NORTH	2317'	WEST	LEA

Dedicated Acres <b>240.00</b>	Joint or Infill	Consolidation Code	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.



District I  
 1675 N. Lincoln Dr. • NM 87501  
 Phone (505) 343-6166 Fax (505) 343-6171  
 District II  
 5115 F. St. Arroyo, NM 87570  
 Phone (575) 48-1281 Fax (575) 738  
 District III  
 777 Rio Grande Road, A • NM 87541  
 Phone (505) 344-6179 Fax (505) 344-6178  
 District IV  
 777 S. St. Francis Dr. Santa Fe, NM 87505  
 Phone (505) 476-3000 Fax (505) 476-3001

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**

API Number 30-025- <b>44009</b>		Pool Code 98097	Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
Property Code <b>319469</b>	Property Name <b>OPHELIA 22 FED COM</b>		Well Number <b>#700H</b>
OCRID No. 7377	Operator Name <b>EOG RESOURCES, INC.</b>		Elevation <b>3302'</b>

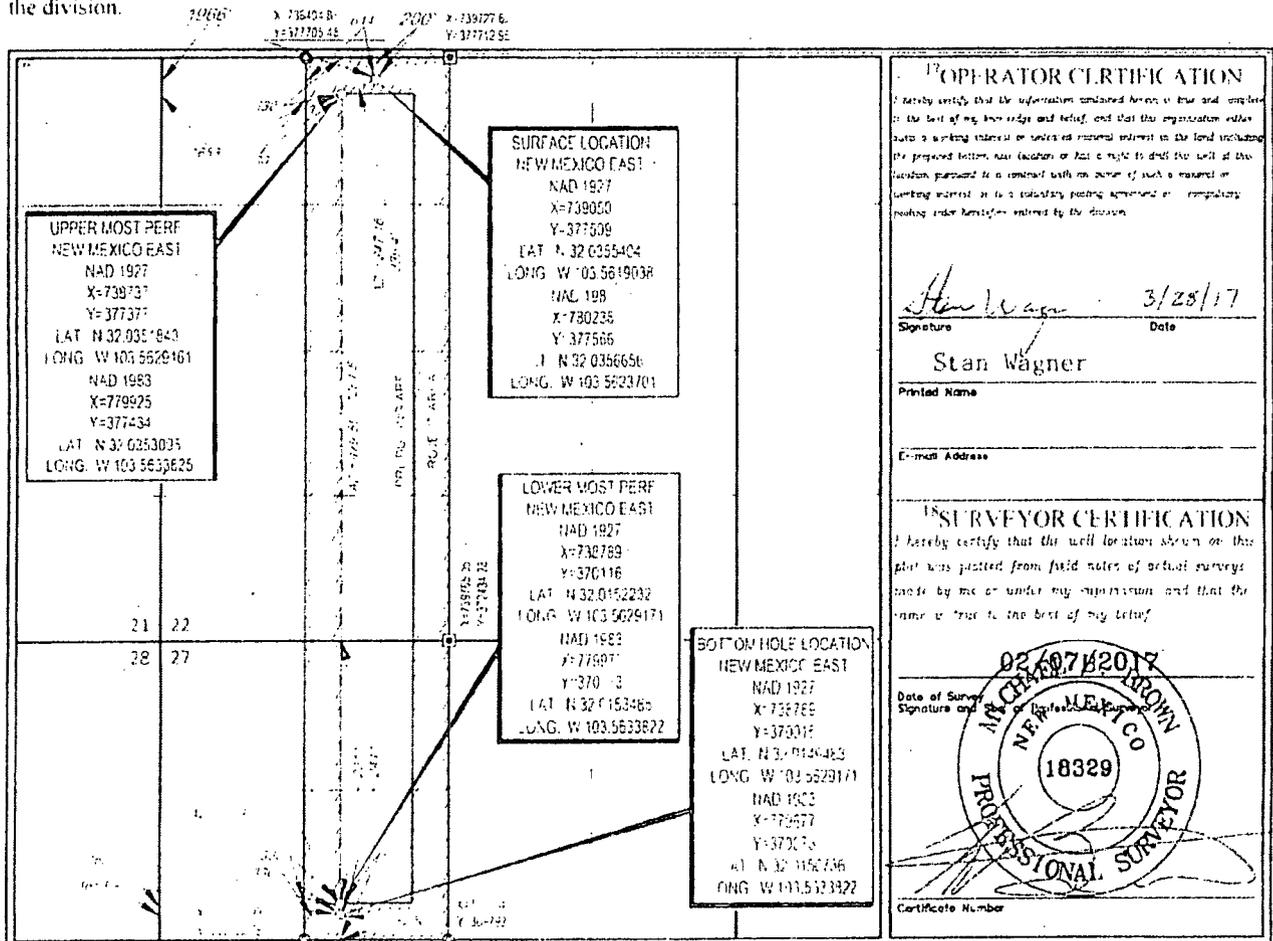
<sup>10</sup>Surface Location

11 or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	26-S	33-E	-	200'	NORTH	1966'	WEST	LEA

11 or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	26-S	33-E	-	2411'	NORTH	1653'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
240.00			

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.



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

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Run Date: 09/26/2017

01 12-22-1987;101STAT1330;30USC181 ET SE  
Case Type 312021: O&G LSE COMP PD -1987  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres 1,640.000  
Serial Number ~~NMNM--122622~~

**Serial Number: NMNM-- - 122622**

Name & Address	Int Rel	% Interest
EOG RESOURCES INC PO BOX 2267 MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC PO BOX 2267 MIDLAND TX 79702267	LESSEE	100.000000000

**Serial Number: NMNM-- - 122622**

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0260S 0330E 022	ALIQ		NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0260S 0330E 023	ALIQ		E2,N2NW,SWNW,N2SW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0260S 0330E 024	ALIQ		E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0260S 0330E 025	ALL		ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

**Serial Number: NMNM-- - 122622**

Act Date	Code	Action	Action Remark	Pending Office
02/26/2009	387	CASE ESTABLISHED	200904033;	
04/07/2009	299	PROTEST FILED	W ENVR LAW CENTER	
04/22/2009	143	BONUS BID PAYMENT RECD	\$3280.00;	
04/22/2009	191	SALE HELD		
04/22/2009	267	BID RECEIVED	\$147600.00;	
05/01/2009	143	BONUS BID PAYMENT RECD	\$144320.00;	
05/08/2009	298	PROTEST DISMISSED	W ENVR LAW CENTER	
05/26/2009	237	LEASE ISSUED		
06/01/2009	496	FUND CODE	05;145003	
06/01/2009	530	<del>EFFECTIVE DATE - 12 3/20</del>		
06/01/2009	868	EFFECTIVE DATE		
06/15/2009	974	AUTOMATED RECORD VERIF	BCO	
12/10/2010	246	LEASE COMMITTED TO CA	NMNM126185;	
01/06/2011	140	ASGN FILED	GONZALES/EOG RESOU;1	
02/18/2011	246	LEASE COMMITTED TO CA	NMNM122622;	
04/08/2011	643	PRODUCTION DETERMINATION	/1/	
04/15/2011	139	ASGN APPROVED	EFF 02/11/11;	
04/15/2011	974	AUTOMATED RECORD VERIF	RAYO/RAYO	
03/01/2013	246	LEASE COMMITTED TO CA	NMNM131814;	
09/01/2013	650	HELD BY PROD - ACTUAL	/2/	
09/01/2013	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM131814;	
12/01/2013	246	LEASE COMMITTED TO CA	NMNM134620;	
05/27/2014	932	TRF OPER RGTS FILED	EOG RESOU/CONOCOPHI;1	
07/31/2014	933	TRF OPER RGTS APPROVED	EFF 06/01/14;	
07/31/2014	974	AUTOMATED RECORD VERIF	MJD	
09/16/2014	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM134620;	
09/30/2014	643	PRODUCTION DETERMINATION	/2/	
06/03/2015	643	PRODUCTION DETERMINATION	/3/	
05/10/2016	932	TRF OPER RGTS FILED	CONOCOPHI/EOG RESOU;1	
06/14/2016	933	TRF OPER RGTS APPROVED	EFF 06/01/16;	
06/15/2016	974	AUTOMATED RECORD VERIF	JA	
08/03/2016	246	LEASE COMMITTED TO CA	NMNM136626;	

**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

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01 02-25-1920;041STAT0437;30USC181

Total Acres  
240.000

Serial Number  
**NMNM-- - 137525**

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 137525

Name & Address		Int Rel	%Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD 0.000000000
EOG RESOURCES INC	5509 CHAMPIONS DR	MIDLAND TX 797062843	OPERATOR 100.000000000

Serial Number: NMNM-- - 137525

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0260S	0330E	022	ALIQ	W2W2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S	0330E	027	ALIQ	W2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137525

Act Date	Code	Action	Action Remarks	Pending Office
09/01/2017	387	CASE ESTABLISHED		
09/01/2017	516	FORMATION	WOLFCAMP	
09/01/2017	525	ACRES-NONFEDERAL	160;67%	
09/01/2017	526	ACRES-FED INT 100%	80;33%	
09/01/2017	868	EFFECTIVE DATE	/A/	
09/08/2017	580	PROPOSAL RECEIVED		
09/20/2017	334	AGRMT APPROVED		
09/20/2017	690	AGRMT VALIDATED		
12/20/2017	654	AGRMT PRODUCING	NMNM137525,22 704H	

Line Nr Remarks

Serial Number: NMNM-- - 137525

0001	/A/ RECAPITULATION EFFECTIVE 09/01/2017		
0002	TR# LEASE SERIAL NO AC COMMITTED		% INTEREST
0003	<b>NMNM 122622</b>	80.00	<b>33.333</b>
0004	2 <b>FEE</b>	160.00	<b>66.667</b>
0005	TOTAL	240.00	100.000

NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM

**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

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**01 02-25-1920;041STAT0437;30USC181**

**Total Acres**

**Serial Number**

**Case Type 318310: O&G COMMUNITIZATION AGRMT**

**240.000**

**NMNM-- - 137526**

**Commodity 459: OIL & GAS**

**Case Disposition: AUTHORIZED Case File Juris: CARLSBAD FIELD OFFICE**

**Serial Number: NMNM-- - 137526**

Name & Address		Int Rel	%Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD 0.000000000
EOG RESOURCES INC	5509 CHAMPIONS DR	MIDLAND TX 797062843	OPERATOR 100.000000000

**Serial Number: NMNM-- - 137526**

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0260S	0330E	022	ALIQ	E2W2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0260S	0330E	027	ALIQ	E2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

**Serial Number: NMNM-- - 137526**

Act Date	Code	Action	Action Remarks	Pending Office
09/01/2017	387	CASE ESTABLISHED		
09/01/2017	516	FORMATION	WOLFCAMP	
09/01/2017	525	ACRES-NONFEDERAL	160;67%	
09/01/2017	526	ACRES-FED INT 100%	80;33%	
09/01/2017	868	EFFECTIVE DATE	/A/	
09/08/2017	580	PROPOSAL RECEIVED		
09/20/2017	334	AGRMT APPROVED		
09/20/2017	690	AGRMT VALIDATED		
12/14/2017	654	AGRMT PRODUCING	NMNM137526,22 707H	

**Line Nr Remarks**

**Serial Number: NMNM-- - 137526**

0001	/A/ RECAPITULATION EFFECTIVE 09/01/2017		
0002	TR#	LEASE SERIAL NO	AC COMMITTED % INTEREST
0003	1	NMNM 122622	80.00 33.333
0004	2	FEE	160.00 66.667
0005		TOTAL	240.00 100.000

NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Ophelia 22 Federal Com wells (see list below)**

**EOG Resources Inc.**

June 28, 2018

**Condition of Approval  
Communitization Agreement Commingling of Wolfcamp production**

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Onshore Order #5 or 43 CFR 3175 and API requirements for sales meters, or as approved in this approval to commingle production.
7. Oil measurement for allocation must be measured as per Onshore Order #4 or 43 CFR 3174 and API requirements for oil measurement, or as approved in this approval to commingle production.
8. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per 43 CFR 3179 to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer. These volumes are royalty bearing and shall be reported on OGOR "B" as disposition code "33" for royalty-bearing flared gas and disposition code 63 for royalty-bearing vented gas.  
**DC 33 = Flared gas – royalty due**  
**DC 63 = Vented gas – royalty due**
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases/CAs require additional commingling approvals.
11. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
12. Submit gas and oil meter numbers upon installation of meters and also provide updated facility diagram with meters numbers.

13. Coriolis meters (CMS) will be proven, as per API, BLM, and NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then CMS meter proving frequency requirement will be as per applicable BLM regulations, notwithstanding further guidance from the local BLM authorized officer. The factor obtained will be used to allocate the production volumes.
14. This approval does not authorize any by passes around any allocation meter or metering separator, this is to include the use of headers to divert production other production equipment other than the approve measurement points.

<b>Well Name</b>	<b>API #</b>	<b>Formation</b>	<b>Lease/CA</b>
Ophelia 22 Fed Com 704H	30-025-44006	Wolfcamp	CA-NMNM137525
Ophelia 22 Fed Com 705H	30-025-44007	Wolfcamp	CA-NMNM137525
Ophelia 22 Fed Com 706H	30-025-44009	Wolfcamp	CA-NMNM137526
Ophelia 22 Fed Com 707H	30-025-44008	Wolfcamp	CA-NMNM137526

**Leases NMNM122622 – Royalty Rate 12.5%**

**CA – NMNM137525, Leases NMNM122622 – 33.333% and FEE – 66.667%**

**CA – NMNM137526, Leases NMNM122622 – 33.333% and FEE – 66.667%**