

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED
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.

DCD Hobbs

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 ☐ Other8. Well Name and No.
Multiple--See Attached2. Name of Operator
EOG RESOURCES INCContact: STAN WAGNER
E-Mail: stan_wagner@eogresources.com9. API Well No.
Multiple--See Attached3a. Address
1111 BAGBY SKY LOBBY2
HOUSTON, TX 770023b. Phone No. (include area code)
Ph: 432-686-368910. 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
	<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 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

RECEIVED

30-025-44006 (98097) WC-025 G-09 S263327G UPR WC
30-025-44007 (98097) WC-025 G-09 S263327G UPR WC
30-025-44009 (98097) WC-025 G-09 S263327G UPR WC
30-025-44008 (98097) WC-025 G-09 S263327G UPR WC

NM137525

NM137526

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

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)

** 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

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM137525	NMNM122622	OPHELIA 22 FED COM 704H	30-025-44008-00-S1	Sec 22 T26S R33E NWNW 200FNL 644FWL 32.035670 N Lat, 103.566660 W Lon
NMNM137525	NMNM122622	OPHELIA 22 FED COM 705H	30-025-44007-00-S1	Sec 22 T26S R33E NWNW 200FNL 679FWL 32.035670 N Lat, 103.566520 W Lon
NMNM137526	NMNM122622	OPHELIA 22 FED COM 706H	30-025-44009-00-S1	Sec 22 T26S R33E NENW 200FNL 1967FWL 32.035665 N Lat, 103.562370 W Lon
NMNM137526	NMNM122622	OPHELIA 22 FED COM 707H	30-025-44008-00-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.~~

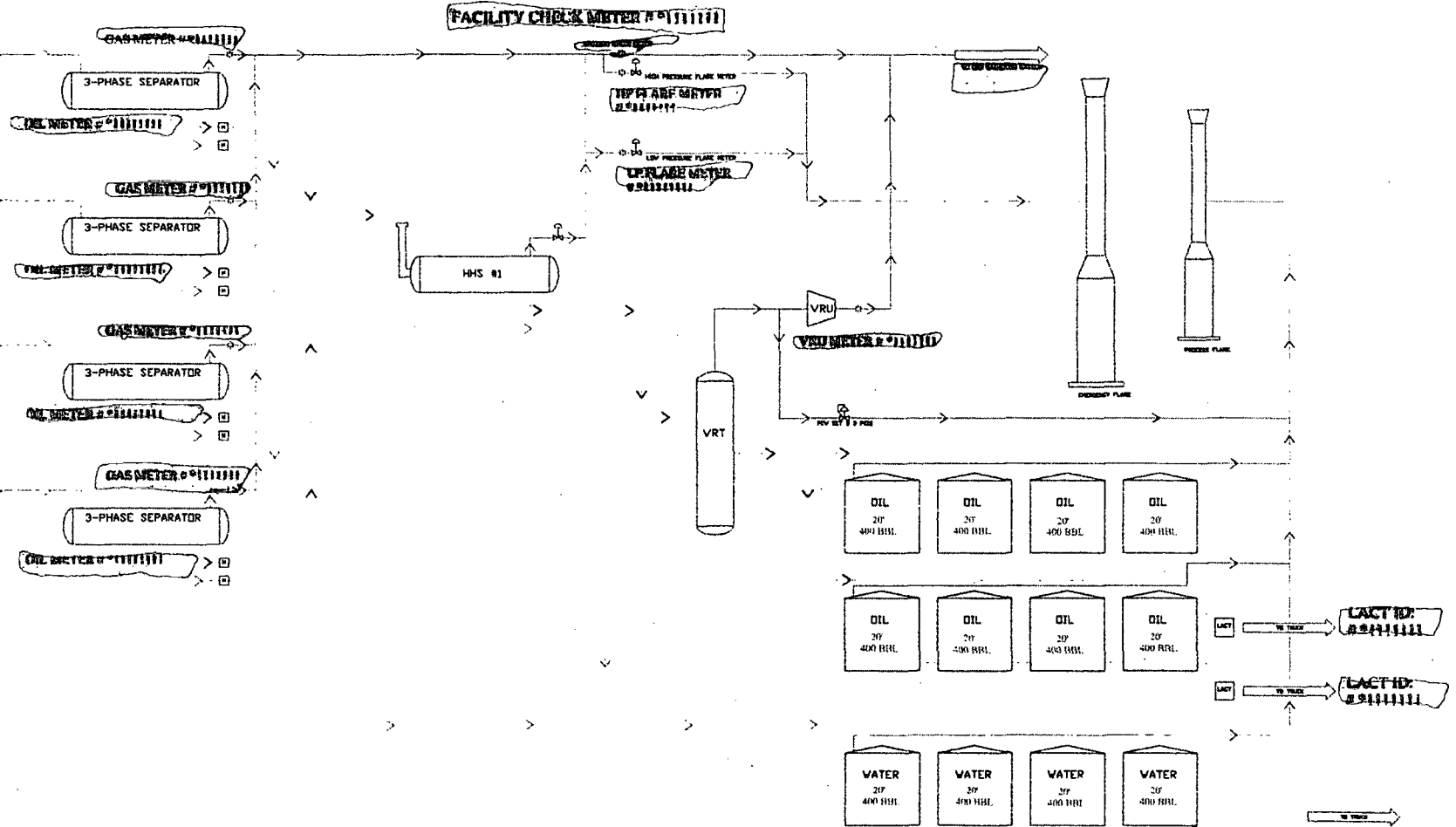
FACILITY NAME: OPHELIA 22 WEST CTB

WELL NAME:
OPHELIA 22 WEST CTB
API NUMBER:
30-025-44006

WELL NAME:
OPHELIA 22 WEST CTB
API NUMBER:
30-025-44007

WELL NAME:
OPHELIA 22 WEST CTB
API NUMBER:
30-025-44008

WELL NAME:
OPHELIA 22 WEST CTB
API NUMBER:
30-025-44008



1. Gas Orifice Meter

2. Liquid Meter

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

OPHELIA 22 WEST CTB PROCESS FLOW

EDG RESOURCES
MIDLAND DIVISION

BY: BKM

rev. 00
8/28/2018

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

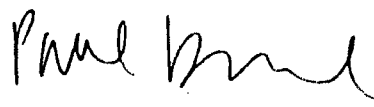
To whom it may concern:

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.

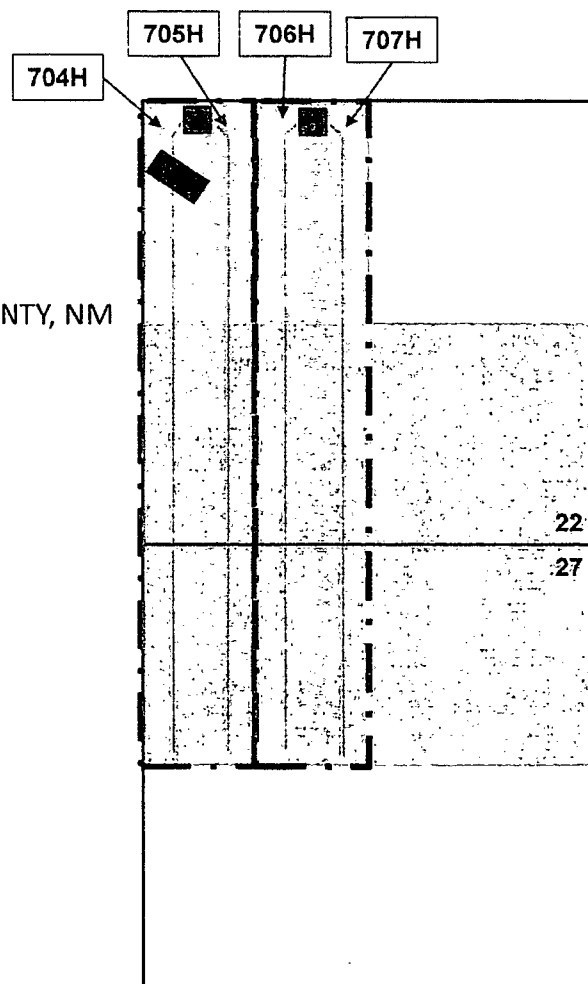
EOG Resources, Inc.

By: 

Paul Boland
Land Specialist

OPHELIA 22 FED COM WELLS & CTB LOCATION

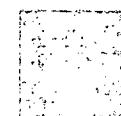
SECTIONS 22 & 27, T26S, R33E, LEA COUNTY, NM



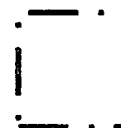
CTB Location



NMNM 122622 (partial)



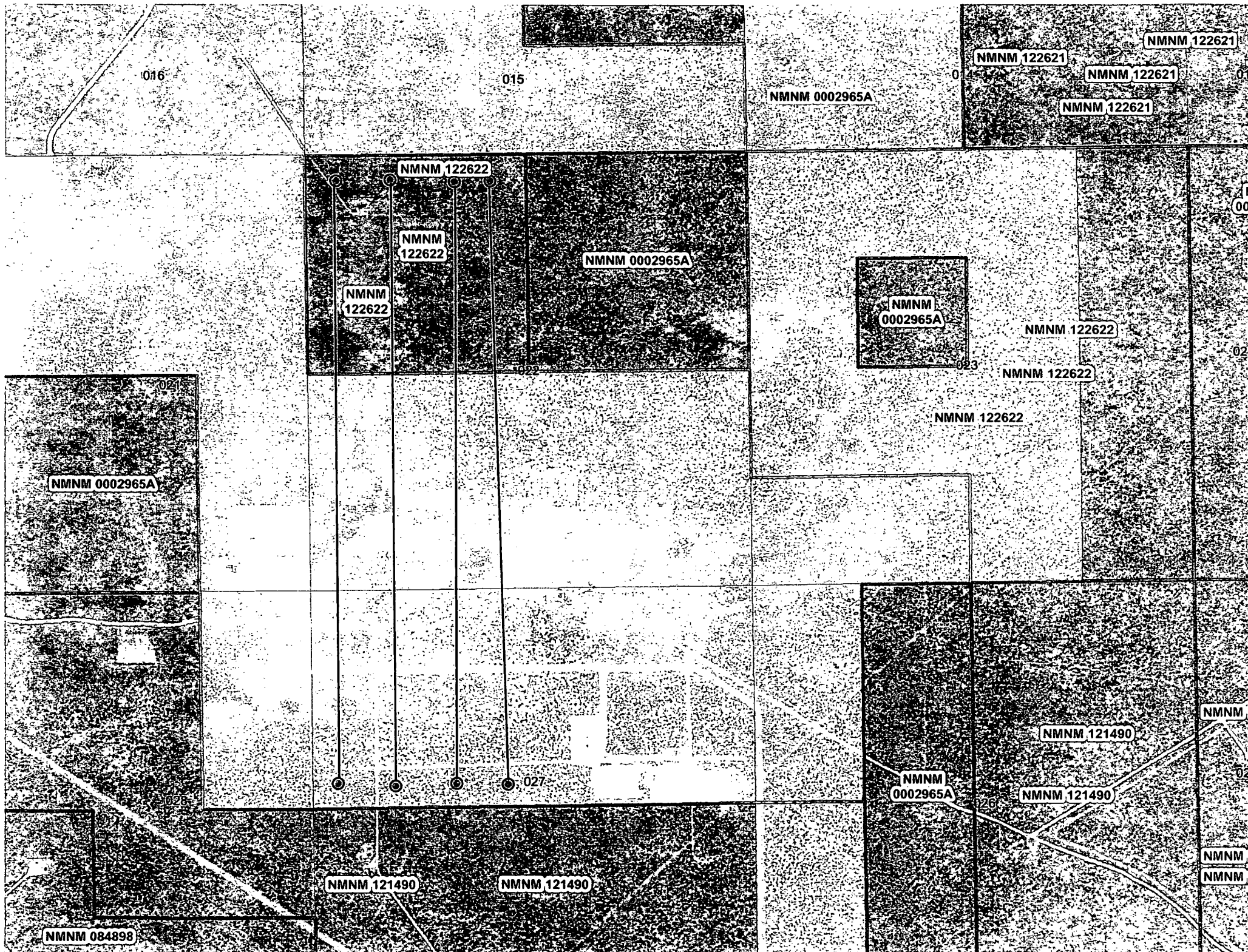
Fee Leases (partial)



Communitized Area for
#704H & #705H NM 137525



Communitized Area for
#706H and #707H NM 137526



016

015

NMNM 0002965A

NMNM 122621

NMNM 122621

NMNM 122621

NMNM 122621

NMNM 135754

NMNM 122622

NMNM
122622

NMNM 0002965A

NMNM
0002965A

NMNM 122622

NMNM 122622

NMNM 122622

NMNM

134236

NMNM 0002965A

NMNM
137525

NMNM
137525

NMNM

137016

NMNM

136548

NMNM

135756

027

NMNM 121490

NMNM 121490

NMNM
0002965A

NMNM 121490

NMNM 121490

NMNM 1

NMNM

13

NMNM 1

NMNM 1

NMNM 084898

District I
1625 N French Dr. H. m. NM 88210
Phone (505) 33-6616 Fax (505) 33-6617
District II
811 S First St. Aztec NM 88210
Phone (505) 738-1253 Fax (505) 738-1254
District III
1060 Rio Brazos Road, Aztec NM 88210
Phone (505) 334-6178 Fax (505) 334-6179
District IV
1220 S. St. Francis Dr. Santa Fe, NM 87505
Phone (505) 476-7446 Fax (505) 476-7447

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- 44006	² Pool Code 98097	³ Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
⁴ Property Code 719469	⁵ Property Name OPHELIA 22 FED COM	⁶ Well Number W04H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3294'

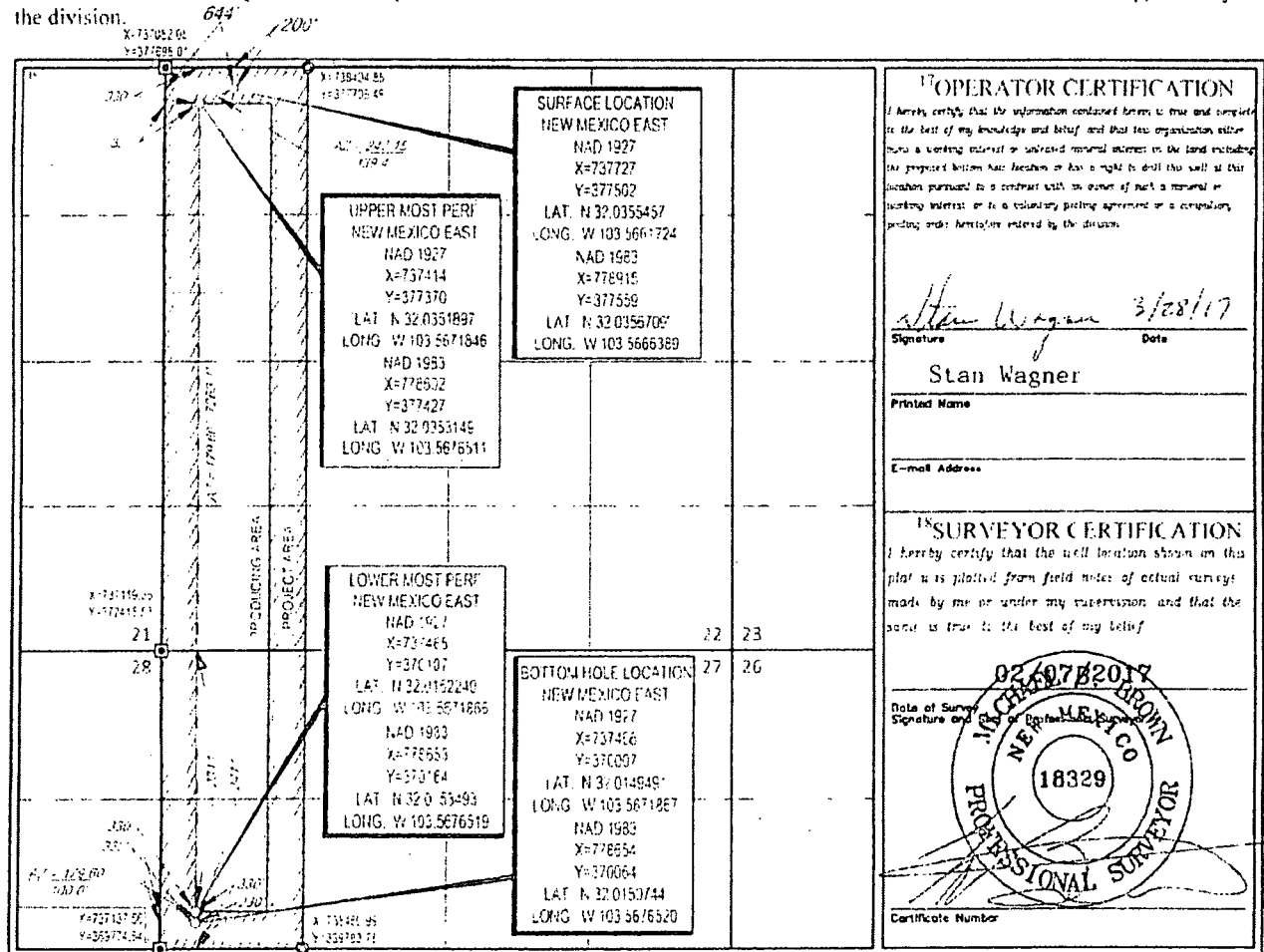
¹⁰Surface Location

UT. 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

UT. 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

¹¹ Dedicated Acres	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



District I
1625 N French Dr. Dbl. NM 8824
Phone (505) 393-6161 Fax (505) 340-
District II
911 S First St. Artesia NM 88219
Phone (505) 481-1251 Fax (505) 481-1252
District III
1600 Rio Brazos Road, Aztec NM 87410
Phone (505) 334-1138 Fax (505) 334-1139
District IV
1220 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

RECEIVED

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- 44007		Pool Code 98097	Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
Property Code 719469	Property Name OPHELIA 22 FED COM		Well Number #705H
GRID No. 7377	Operator Name EOG RESOURCES, INC.		Elevation 3295'

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
D	22	26-S	33-E	-	200'	NORTH	679'	WEST	LEA

TL 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	993'	WEST	LEA

Dedicated Acres 240.00	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.

UPPER MOST PERF
NEW MEXICO EAST
NAD 1927
X=7335077
Y=377374
LAT N 32.0351870
LONG W 103.5650458
NAD 1983
X=779255
Y=377431
LAT N 32.0353122
LONG W 103.5655122

LOWER MOST PERF
NEW MEXICO EAST
NAD 1927
X=725129
Y=376111
LAT N 32.0152238
LONG W 103.5650464
NAD 1983
X=779317
Y=376166
LAT N 32.0153480
LONG W 103.5655116

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=736129
Y=3770111
LAT N 32.0149467
LONG W 103.5650464
NAD 1983
X=779317
Y=376086
LAT N 32.0153749
LONG W 103.5655116

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=737762
Y=377502
LAT N 32.0355456
LONG W 103.5660554
NAD 1983
X=778950
Y=377559
LAT N 32.0356708
LONG W 103.5665259

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 surface 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 it is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 3/28/17
Signature Date
Stan Wagner
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.

02/07/2017
Date of Survey
Signature and Seal of Surveyor
MICHAEL BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

(Bureau)
 1625 N. French Dr. Hobbs, NM 87501
 Phone: (505) 493-4101 Fax: (505) 493-4101
 (District)
 411 S. First St. Artesia, NM 88201
 Phone: (505) 743-1754 Fax: (505) 743-1754
 (District)
 1950 Rio Hondo Road, Artesia, NM 88201
 Phone: (505) 493-6172 Fax: (505) 493-6172
 (District)
 1220 S. St. Francis Dr. Santa Fe, NM 87505
 Phone: (505) 426-4101 Fax: (505) 426-4101

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
 Submit one copy to appropriate
 District Office

SEP 11 2017
RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

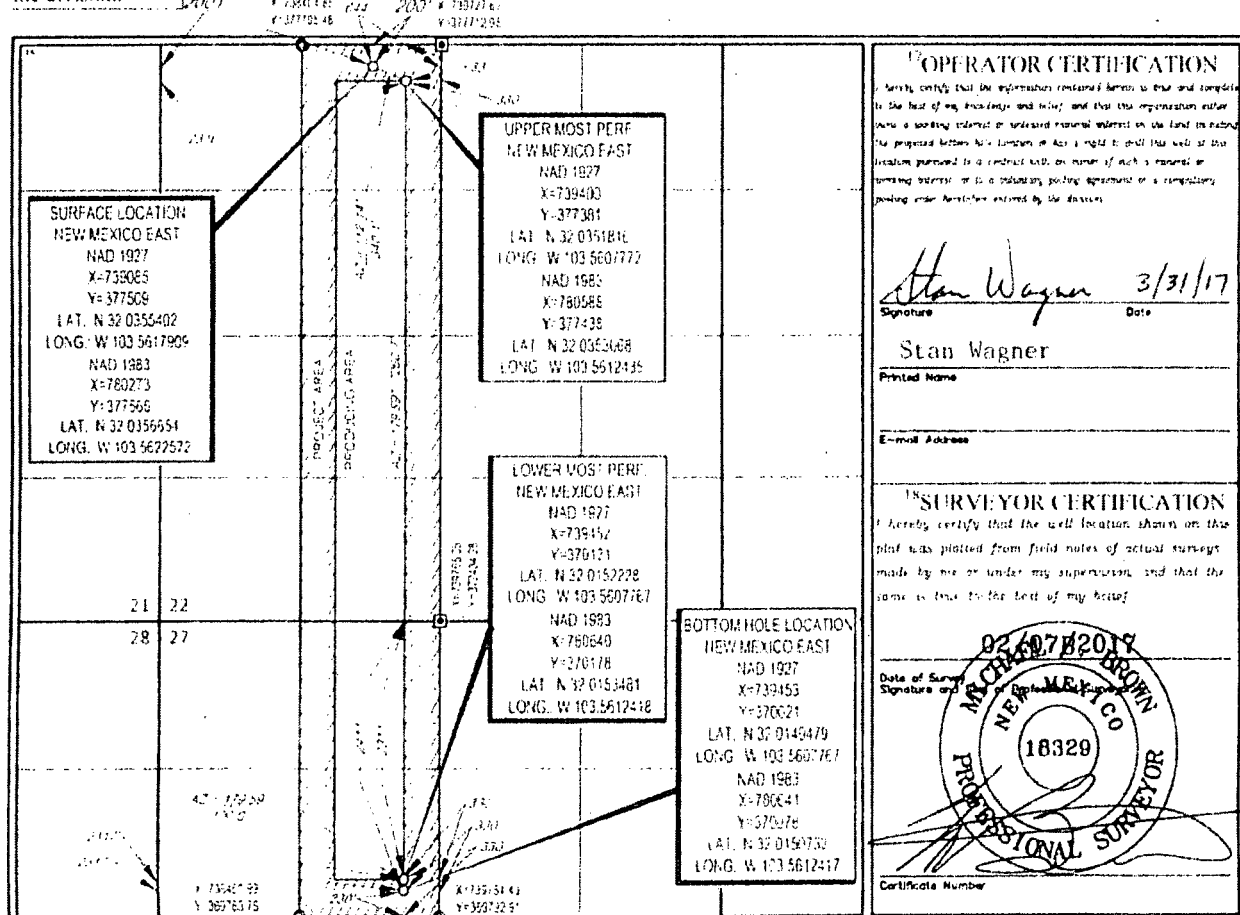
10 Surface Location

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

UL 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 240.00	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. I-40, Suite 100, NM 87501
 Phone: (505) 343-8161 Fax: (505) 343-8162
 District II
 511 S. F. St. Antonio, NM 88209
 Phone: (505) 484-1281 Fax: (505) 484-1282
 District III
 777 Rio Grande Road, A, NM 87501
 Phone: (505) 343-6179 Fax: (505) 343-6180
 District IV
 777 S. St. Francis Dr. Santa Fe, NM 87505
 Phone: (505) 426-4000 Fax: (505) 426-4001

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- 44009		² Pool Code 98097	³ Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
⁴ Property Code 319569	⁵ Property Name OPHELIA 22 FED COM		⁶ Well Number #700H
⁷ OCRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3302'

¹⁰ 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 240.00	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.

UPPER MOST PERF
 NEW MEXICO EAST
 NAD 1927
 X=739737
 Y=377377
 LAT N 32.0351843
 LONG W 103.5629161
 NAD 1983
 X=779925
 Y=377434
 LAT N 32.0353035
 LONG W 103.5633625

SURFACE LOCATION
 NEW MEXICO EAST
 NAD 1927
 X=739000
 Y=377509
 LAT N 32.0355404
 LONG W 103.5619038
 NAD 1983
 X=780235
 Y=377566
 LAT N 32.0356656
 LONG W 103.5623701

LOWER MOST PERF
 NEW MEXICO EAST
 NAD 1927
 X=738789
 Y=376116
 LAT N 32.0152232
 LONG W 103.5629171
 NAD 1983
 X=778971
 Y=376116
 LAT N 32.0153465
 LONG W 103.5633622

BOTTOM HOLE LOCATION
 NEW MEXICO EAST
 NAD 1927
 X=738789
 Y=376011
 LAT N 32.0153465
 LONG W 103.5629171
 NAD 1983
 X=778971
 Y=376011
 LAT N 32.0153465
 LONG W 103.5633622

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 the organization under which a working interest or mineral interest in the land including the proposed bottom hole location or has a right to drill the well at this location pursuant to a contract with the owner of such a mineral or working interest is in a satisfactory posting agreement or compliance posting order heretofore entered by the division.

 Signature: Stan Wagner Date: 3/28/17
 Printed Name: Stan Wagner
 E-mail Address: _____

¹⁸ SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was posted 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: 02/07/2017
 Signature and Seal of Professional Surveyor:
 Certificate Number: _____

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

Run Time: 01:14 PM

Page 1 of 2

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 797022267	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,S2NW,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	EFFECTIVE DATE - 12 1/20		
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	
08/08/2016	246	LEASE COMMITTED TO CA	NMNM136626;	

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**

Run Date/Time: 06/28/18 12:59 PM

Page 1 of 1

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

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

240.000

NMNM-- - 137525

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
EOG RESOURCES INC

620 E GREENE ST
5509 CHAMPIONS DR

CARLSBAD NM 88220
MIDLAND TX 797062843

OFFICE OF RECORD
OPERATOR

0.000000000
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;
23 0260S 0330E 027 ALIQ W2NW;

CARLSBAD FIELD OFFICE
CARLSBAD FIELD OFFICE

LEA
LEA

BUREAU OF LAND MGMT
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
09/01/2017 525 ACRES-NONFEDERAL
09/01/2017 526 ACRES-FED INT 100%
09/01/2017 868 EFFECTIVE DATE
09/08/2017 580 PROPOSAL RECEIVED
09/20/2017 334 AGRMT APPROVED
09/20/2017 690 AGRMT VALIDATED
12/20/2017 654 AGRMT PRODUCING

WOLFCAMP
160;67%
80;33%
/A/

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	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
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 06/28/18 01:08 PM

Page 1 of 1

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
EOG RESOURCES INC

620 E GREENE ST
5509 CHAMPIONS DR

CARLSBAD NM 88220
MIDLAND TX 797062843

OFFICE OF RECORD
OPERATOR

0.000000000
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;
23 0260S 0330E 027 ALIQ E2NW;

CARLSBAD FIELD OFFICE
CARLSBAD FIELD OFFICE

LEA
LEA

BUREAU OF LAND MGMT
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.

Well Name	API #	Formation	Lease/CA
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%