Submit I Com To Anoromisto District			· · · · ·
Submit I Copy To Appropriate District Office	State of New Me Energy, Minerals and Natu		Form C-103 Revised July 18, 2013
<u>District I</u> - (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Lifergy, winicials and wat	ala Resources	WELL API NO.
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION		30-025-44006 5. Indicate Type of Lease
District III (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fra		STATE 🔲 FEE 🗌 🔰
District IV - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 8	7505	6. State Oil & Gas Lease No.
87505			
(DO NOT USE THIS FORM FOR PROPO	ICES AND REPORTS ON WELLS DSALS TO DRILL OR TO DEEPEN OR PLI	UG BACK TO A	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FO	OR SUCH	Ophelia 22 Fed Com
1. Type of Well: Oil Well	Gas Well 🔲 Other		8. Well Number 704H
2. Name of Operator EOG Resources, Inc.			9. OGRID Number 7377
3. Address of Operator		-	10. Pool name or Wildcat
P.O. Box 2267 Midla	nd, TX 79702	· · · · · · · · · · · · · · · · · · ·	WC-025 G-09 S263327G Upper Wolfcamp
4. Well Location Unit Letter D :	200 feet from the North	644 line and	feet from the West line
Section 22	Township 26S Ra	ange 33E	NMPM County Lea
	11. Elevation (Show whether DR) 3294' GR	, RKB, RT, GR, etc.)	
	0204 OK	· · · · · · · · · · · · · · · · · · ·	·····
12. Check	Appropriate Box to Indicate N	ature of Notice, I	Report or Other Data
	ITENTION TO:		SEQUENT REPORT OF:
		REMEDIAL WORK	
		COMMENCE DRIL	
PULL OR ALTER CASING DOWNHOLE COMMINGLE	MULTIPLE COMPL	CASING/CEMENT	JOB 🔲
CLOSED-LOOP SYSTEM	_	0	
OTHER: 13 Describe proposed or comr	leted operations (Clearly state all u		e Commingling x give pertinent dates, including estimated date
	ork). SEE RULE 19.15.7.14 NMAC		apletions: Attach wellbore diagram of
	ts permission to surface pool/lea me pools at a central tank battery		duction from the wells listed below and
Ophelia 22 Fed Com 70			Upper Wolfcamp (98097)
Ophelia 22 Fed Com 70 Ophelia 22 Fed Com 70			Upper Wolfcamp (98097) Upper Wolfcamp (98097)
Ophelia 22 Fed Com 70			Upper Wolfcamp (98097)
Identical ownership, 2 C Detailed information atta			
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Spud Date:	Rig Release Da	ite:	
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I hereby certify that the information	above is true and complete to the h	est of my knowledge	and helief
SIGNATURE than Wa	TITLE Reg	ulatory Analyst	DATE 10/03/2017
Stan Wanne	\mathbf{a}		122 606 2600
Type or print name			PHONE:
	1171 F		
APPROVED BY: Conditions of Approval (if any):	TITLE		DATE
		•	
Mulas 1	msm.ll	Ena	menny Bureau
	in in the my		8 rah

Stan Wagner

From:	McMillan, Michael, EMNRD <michael.mcmillan@state.nm.us></michael.mcmillan@state.nm.us>
Sent:	Tuesday, August 01, 2017 12:37 PM
То:	Stan Wagner
Subject:	Identical contiguous leases,

External email. Use caution.

Stan:

the OCD considers contiguous leases with identical ownership as one lease.

Therefore, no surface commingle application is required.

I will place this application in the respective well files.

In the future, send the surface commingle application to Santa Fe, and it will be placed in the well file Mike

1

Michael McMillan 1220 South St. Francis Santa Fe, New Mexico 505-476-3448 Michael.mcmillan@state.nm.us

BUNDRY Do not use thi	UNITED STATES PARTMENT OF THE IN UREAU OF LAND MANA NOTICES AND REPO Is form for proposals to II. Use form 3160-3 (API		OMB N	APPROVED (O. 1004-0137 anuary 31, 2018 or Tribe Name		
SUBMIT IN :	TRIPLICATE - Other inst	ructions on	page 2		7. If Unit or CA/Agre	ement, Name and/or No.
1. Type of Well Gas Well Oth	ner	<u> . </u>			8. Well Name and No. OPHELIA 22 FED	
2. Name of Operator EOG RESOURCES, INC.		STAN WAGN er@eogresour			9. API Well No. 30-025-44006	,
3a. Address ATTN: STAN WAGNER P.O. MIDLAND, TX 79702	BOX 2267	3b. Phone No Ph: 432-68	. (include area code) 6–3689		10. Field and Pool or WC-025 S2633	Exploratory Area 27G UPR WC
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description))			11. County or Parish,	State
Sec 22 T26S R33E Mer NMP	NWNW 200FNL 644FWL				LEA COUNTY,	NM
12. CHECK THE AF	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
S Notice of Intent	 Acidize Alter Casing 		raulic Fracturing	Product Reclamation	 Water Shut-Off Well Integrity 	
Subsequent Report	Casing Repair	_	Construction			Other Surface Commingling
Final Abandonment Notice	Change Plans Convert to Injection	🗖 Plug	and Abandon	Tempor Water D	arily Abandon	
 Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved 	ally or recomplete horizontally, and will be performed or provide	give subsurface	locations and measured file with BLM/BIA	red and true ve Required sul	rtical depths of all pertir sequent reports must be	ent markers and zones. filed within 30 days
testing has been completed. Final Ab determined that the site is ready for fi	pandonment Notices must be file inal inspection.	d only after all 1	equirements, includ	ing reclamation	n, have been completed a	ind the operator has
EOG Resources requests per future wells at a central tank b	mission to surface lease/p attery. Wells are:	ool comming	le production fro	m this well a	and	
Ophelia 22 Fed Com 704H 30 Ophelia 22 Fed Com 705H 30 Ophelia 22 Fed Com 705H 30 Ophelia 22 Fed Com 707H 30)-025-44007(98097) WC)-025-44009(98097) WC	-025 G-09 S2 -025 G-09 S2	263327G UPR W 263327G UPR W	/C /C		
Commingling details attached.						
Concurrently being filed with N	MOCD.					
14. I hereby certify that the foregoing is	Electronic Submission #3	90149 verifie ESOURCES,	i by the BLM Wel NC., sent to the I	I Information Hobbs	System	•
Name (Printed/Typed) STAN WA	GNER		Title REGUL	ATORY AN	ALYST	·
Signature (Electronic S	Submission)		Date 09/28/20	017		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	· · · · · · · · · · · · · · · · · · ·
Approved By			Title			Date
Conditions of approval, if any, are attached	d. Approval of this notice does	not warrant or				
certify that the applicant holds legal or equ which would entitle the applicant to condu	sitable title to those rights in the	subject lease	Office			

-



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

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING & OFF LEASE MEASUREMENT-NMOCD

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	*GAS BTU
1	30-025-44006	OPHELIA 22 FEDERAL COM	#704H	D-22-26S-33E	[98097] WC-025 G-09 S263327G; UPPER WOLFCAMP	PERMITTED	45	1,100
2	30-025-44007	OPHELIA 22 FEDERAL COM	#705H	D-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED	45	1,100
3	30-025-44009	OPHELIA 22 FEDERAL COM	#706H	C-22-26S-33E	[98180] WC-025 G-09 S253309A; UPPER WOLFCAMP	PERMITTED	45	1,100
4	30-025-44008	OPHELIA 22 FEDERAL COM	#707H	C-22-26S-33E	[98180] WC-025 G-09 S253309Å; UPPER WOLFCAMP	PERMITTED	45	1,100

* projected, pending completion

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.
- 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, 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 be 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 be 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 (see landman statement attached).
- 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) and the C-102 plat for each of the wells.

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

OPHELIA 22 FED COM #705H gas allocation meter is an Emerson orifice meter

OPHELIA 22 FED COM #706H gas allocation meter is an Emerson orifice meter

OPHELIA 22 FED COM #707H gas allocation meter is an Emerson orifice meter

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

OPHELIA 22 FED COM #705H oil allocation meter is a FMC Coriolis meter

OPHELIA 22 FED COM #706H oil allocation meter is a FMC Coriolis meter

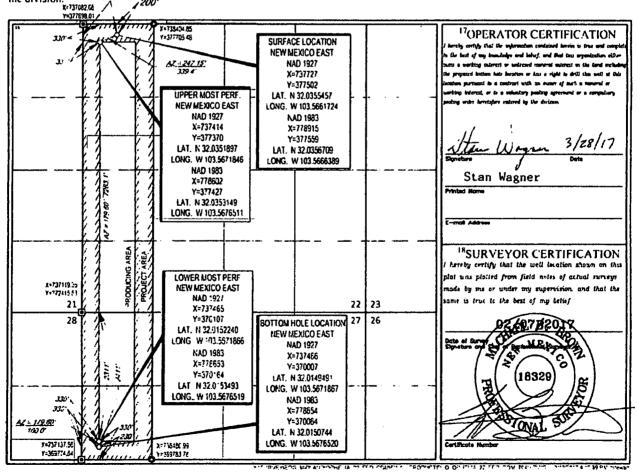
OPHELIA 22 FED COM #707H oil allocation meter is a FMC Coriolis meter

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 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.

District I 1625 N. French Dr. Hellin, NM 88240. Phone (375) 33 - 4616. Partici II 811 S. Frick St. Artes J. NM 88210. Price (75) 748-1233. Fax. (374) 743-7720. Dimtric III 1000 Ruo Brazos Road, Artee, NM 8741. Phone (505) 334-017. District IV	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.	Submit	FORM C-102 Revised August 1, 2011 one copy to appropriate District Office
1220 S. St. Francis Di - Sarte Fe, NM 8751 Phone (505) 476-346 + Fax (505) 473462	Sante Fe, NM 87505	U	AMENDED REPORT
	WELL LOCATION AND ACDEACE DEDICATION PLAT		

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Property					Property Na				ell Number	
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l'L or lot an	Section	Township	Kange	Los Ida	Feet from the	North/South line	Feet from the	East.West line	Creat	
Е	27	26-S	33-E	-	2411'	NORTH	330'	WEST	LEA	
Dedicated Acres 240.00	¹² Joint er 1	isfill ¹⁴ Co	asolidation Code	¹⁴ 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.



			w Mexico H Natural Reso	ABBS (DCD	
District] 1625 N. French Dr., Hob/s, NM 88240		State of No	w Mexico 🖁	000-		FORM C-10
Phone (175) 393-6161 Fax (575) 393	Energy	, Minerals &	Natural Resou	ircesp 117	UU F	levised August 1, 201
811 S. First St.: Artesia, NM 88210 Phone (575) 148-1287 Eav. (575) 148 97		Depar	tment			District Office
<u>District fil</u> 1000 Rio Brazos Road, Aztec. NM 8741 Thone (505) 334-5178 Fix (105) 134170	OIL	CONSERVA	TION DIVISIO	RECE	VL	District Office
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hone (5(1) 470-3460 Fax (505) 476 3462		Same re, r	NIVI 87303			
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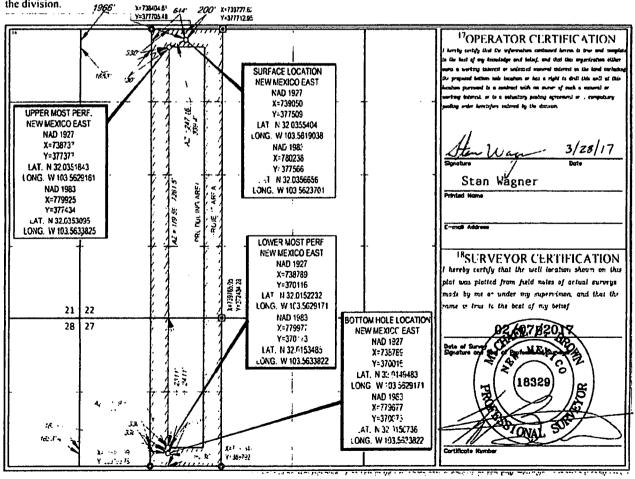
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Distinct J Ibits N Free th Dr Hob NM 88240 Plone (***) 301-616 Fax (555) 303-174 Ibits 118 Distinct JJ Bit IS Free (St. Artes), NM 88210 Phone (575) 445 Phone (575) 48-1283 Fax (575) 748 Ibits 118	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	FORM (-102 Revised August 1, 2011 Submit oue copy to appropriate District Office
Tree Rate Brazus Rood, Ar. NM 8741 Phone (505) N14-0178 F.ec. (505) 114- 71 District IV 71 71 227 S. Si: F.ancis Di. Satue F.c. (N1 8) 71 Phone (505) 476-44 Firs (505) 47 32	1220 South St. Francis Dr. Sante Fe, NM 87505	AMENDED REPORT

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11. or lat no.		Towaship	Reage	abl 10.1	Feet from the	North/South line	Feet from the	East/West line	County
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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. 1966 x=73404.8 GHr 200' X=73477.5C



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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.

