Office Office	State of New Mexico	Form C-103
District 1 - (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283		WELL API NO. 30-025-42886
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	STATE FEE
District IV - (505) 476-3460	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		
,	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Whirling Wind 14 Fed Com
PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FOR SUCH	· ·
	Gas Well  Other	8. Well Number 701H
2. Name of Operator EOG Resources, Inc.		9. OGRID Number 7377
3. Address of Operator		10. Pool name or Wildcat
P.O. Box 2267 Midlar	nd, TX 79702	*WC-025 G-09 S253336D; Upper Wolfcamp
4. Well Location A	4	56 East
Unit Letter :	leet from the line and	teet from the
Section 14	Township 26S Range 33E  11. Elevation (Show whether DR, RKB, RT, GR, etc.)	2 (2000)
	3340' GR	
12. Check A	Appropriate Box to Indicate Nature of Notice	, Report or Other Data
NOTICE OF IN	TENTION TO:	SSEQUENT REPORT OF:
NOTICE OF IN PERFORM REMEDIAL WORK □	PLUG AND ABANDON REMEDIAL WOR	_
TEMPORARILY ABANDON		RILLING OPNS. P AND A
PULL OR ALTER CASING	MULTIPLE COMPL CASING/CEMEN	
DOWNHOLE COMMINGLE		
CLOSED-LOOP SYSTEM	Surface Commingle 5	1 40 000/0/
OTHER:	Surface Commingle \( \text{\text{DTHER: } \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ad sive partinent dates including estimated date
of starting any proposed we	ork). SEE RULE 19.15.7.14 NMAC. For Multiple Co	ompletions: Attach wellbore diagram of
proposed completion or rec		Ampletions, Attack, Archivological and State of
EOC Parauran ragues	ts permission to surface pool/lease commingle ar	nd off lease measurement for
oil and gas from the follo		
· ·	•	Subject to Like Approval BLM
Whirling Wind 14 Fed Co	om 701H 30-025-42886 WC Wolfcamp (98094	Annaugal Paris
	om 702H 30-025-42934 WC Wolfcamp (98094	
	om 703H 30-025-43225 WC Wolfcamp (98094	
whiting wind 14 Fed C	om 704H 30-025-43226 WC Wolfcamp (98094	)
Detailed information is a	ttached.	
	n BLM is being requested.	
Spud Date:	Rig Release Date:	
		***************************************
I hereby certify that the information	above is true and complete to the best of my knowled	ge and belief.
11	Dogulator, Apoly	st 9/08/2015
SIGNATURE Slaw W	TITLE Regulatory Analys	DATE
Type or print name Stan Wagne	E-mail address:	PHONE: 432-686-3689
For State Use Only	2 mail address.	And the state of t
	the / / )inna / )inna	br DATE 10/19/16
APPROVED BY: Conditions of Approval (if any):	TITLE OND A CHECK	DATE /0/19/16

#### APPLICATION FOR SURFACE POOL/LEASE COMMINGLING & OFF LEASE MEASUREMENT

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

	API	WELL NAME	LOCATION	POOLCODE/NAME	STATUS	*API	*BTU
1	30-025-42886	Whirling Wind 14 Fed Com #701H	A-14-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp	Permitted	45.8	1091
2	30-025-42934	Whirling Wind 11 Fed Com #702H	P-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp	Permitted	45.8	1091
3	30-025-43225	Whirling Wind 11 Fed Com #703H	O-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp	Permitted	45.8	1091
4	30-025-43226	Whirling Wind 11 Fed Com #704H	O-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp	Permitted	45.8	1091

<sup>\*</sup> projected, pending completion

### **GENERAL INFORMATION:**

- State lease NM VB-1507-0001 covers 320 acres, being the S2 section 2-26S-33E, Lea County, New Mexico and has a base lease royalty of 18.75%.
- Federal lease NM-122621 covers 1,280 acres, being the E2 section 11, E2 section 14, and all of section 13, all in T26S-R33E, Lea County, New Mexico and has a base lease royalty of 12.5%.
- The E2SE section 2-26S-33E from VB-1507-0001 and the E2E2 section 11-26S-33E of NMNM-122621 will be communitized for the Wolfcamp formation. A State/Fed form of communitization has been submitted to both the New Mexico State Land Office and Bureau of Land Management for approval.
- The W2SE section 2-26S-33E from VB-1507-0001 and the W2E2 section 11-26S-33E of NMNM-122621 will be communitized for the Wolfcamp formation. A State/Fed form of communitization has been 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 on unit letter O of NM-122621, being the SWSE section 11-26S-33E.
- EOG is the only working interest owner in the subject wells and the only other owners of the royalty
  are the State of New Mexico and United States of America. Working and royalty interest is identical
  in all of the wells.
- No third party notice is warranted, other than an application and subsequent approval from the NMSLO, BLM, and NMOCD. 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.
- EOG plans to commence drilling operations on the #701H around 9-12-16 and plans to have all 4 wells drilled by 11-31-16, with completions operations commencing shortly thereafter.

#### 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 senior orifice meters, which meters will be used to allocate total volume measured at the facility check meter, high pressure flare meter, and low pressure flare meter. The meters are described as follows:

- WHIRLING WIND 14 FED COM #701H gas allocation meter is an Emerson orifice meter
- WHIRLING WIND 11 FED COM #702H gas allocation meter is an Emerson orifice meter
- WHIRLING WIND 11 FED COM #703H gas allocation meter is an Emerson orifice meter
- WHIRLING WIND 11 FED COM #704H gas allocation meter is an Emerson orifice meter

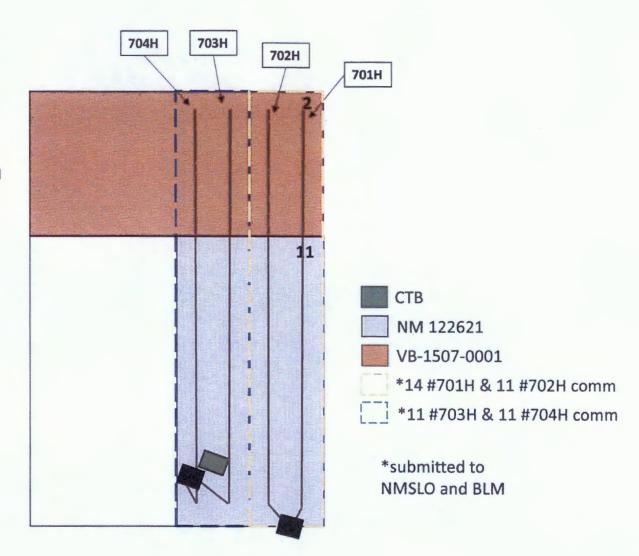
The oil from the separators will be measured using Coriolis meters, described as follows:

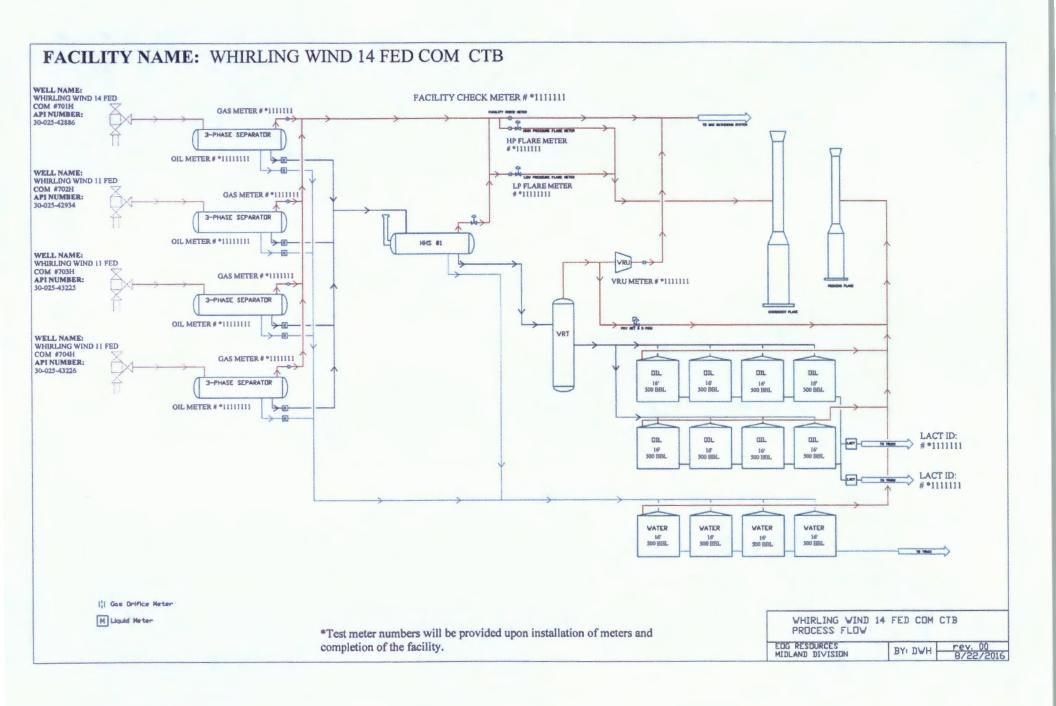
- WHIRLING WIND 14 FED COM #701H oil allocation meter is a FMC Coriolis meter
- WHIRLING WIND 11 FED COM #702H oil allocation meter is a FMC Coriolis meter
- WHIRLING WIND 11 FED COM #703H oil allocation meter is a FMC Coriolis meter
- WHIRLING WIND 11 FED COM #704H oil allocation meter is a FMC Coriolis 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) 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.

# WHIRLING WIND FED COM WELLS & CTB LOCATION

SECTIONS 2 & 11, T26S, R33E, LEA COUNTY, NM





District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II Sill S. First St., Artesia, NM 88210 Phone: (575) 748-1281 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 314-6178 Fax. (505) 334-6170 District IV 1220 S. St. Francis Dr., Sante Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

Energy, Minerals & Natural Resources OIL CONSERVATION DIVISION OCT 19 2005 Submit one copy to appropriate

**FORM C-102** Revised August 1, 2011

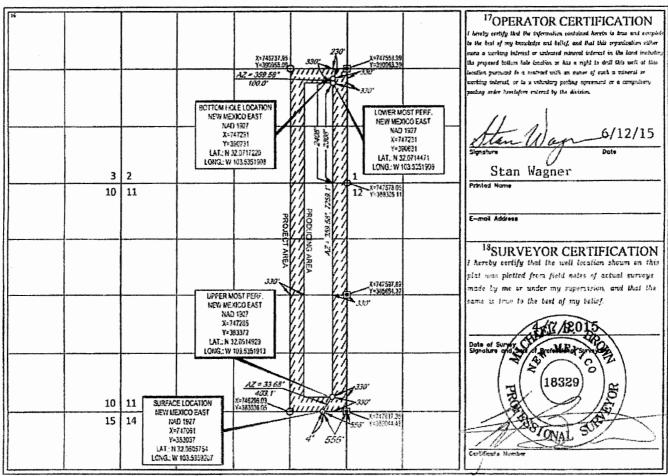
1220 South St. Francis Dr. Sante Fe, NM 87505

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 30-025-42886 98094 WC-025 G-09 S253336D; Upper Wolfcamp Property Code Property Name Well Number 39955 WHIRLING WIND 14 FED COM #701H Operator Name OGRID No. Elevation 3340' EOG RESOURCES, INC. 7377 10 Surface Location East/West line Feet from the UL or lot no. Towaship Lot Ide Feet from the North/South lin 556 4' 26-S 33-E NORTH EAST LEA A 14 UL or lot no. Section Township Rang Lot Ide Feet from the Feet from the East/West lin 330' 26-S 2408 SOUTH EAST LEA 2 33-E Order No. Dedicated Acres Joint or Infill Consolidation Code 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., Hobbs, NM 88240
Phane (575) 393-6161 Fax (575) 393-0720
District II
511 S First St., Artesia, NM 88210
Phane (575) 748-1283 Fax (575) 748-9720
District III
1000 Rto Brazzos Road, Aztec, NM 87410
Phone, (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St. Francis Dr., Saxte Fe, NM 87505
Phane (505) 476-3460 Fax (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources FORM C-102 Revised August 1, 2011

Department HOBBS OCD Substitution DIVISION

Submit one copy to appropriate

District Office

1220 South St. Francis Dr. Sante Fe, NM 87505

MAY 0 5 2016

AMENDED REPORT

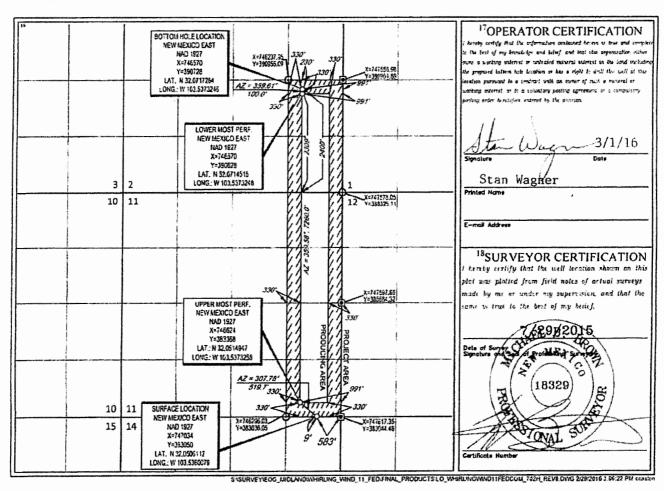
WELL LOCATION AND ACREAGE DEDICATION FOR

API Numbe	r	<sup>2</sup> Pool Code	Pool Name			
30-025-429	30-025-42934 98094		WC- <b>6</b> 25 G-09 S253336D; Upper Wolfcamp			
Property Code		*Pr	roperty Name	Well Number		
		WHIRLING WIND 11 FED COM #702H				
OGRID No.		"Operator Name "Elevation				
7377		EOG RESOURCES, INC. 3340'				
		100	fore Location			

P 11 26-S 33-E - 9 SOUTH 583' EAST LEA

UL or lot no.	Section	Township	Range	l.ot idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	26-S	33-E	-	2409'	SOUTH	991'	EAST	LEA
<sup>12</sup> Dedicated Acres 240.00	<sup>13</sup> Joint or l	ulii 14Co	nsolidation Co	de li <sup>5</sup> Ord	er 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 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0710 DBBS OED State of New Mexico District II 811 S. First St., Artesia, NM 88210 Department Phone: (575) 748-1283 Fax: (575) 748-9720 MAY 09 2016 CONSERVATION DIVISION District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 South St. Francis Dr. District IV 1220 S. St. Francis Dr., Sante Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

**FORM C-102** Revised August 1, 2011 Submit one copy to appropriate District Office

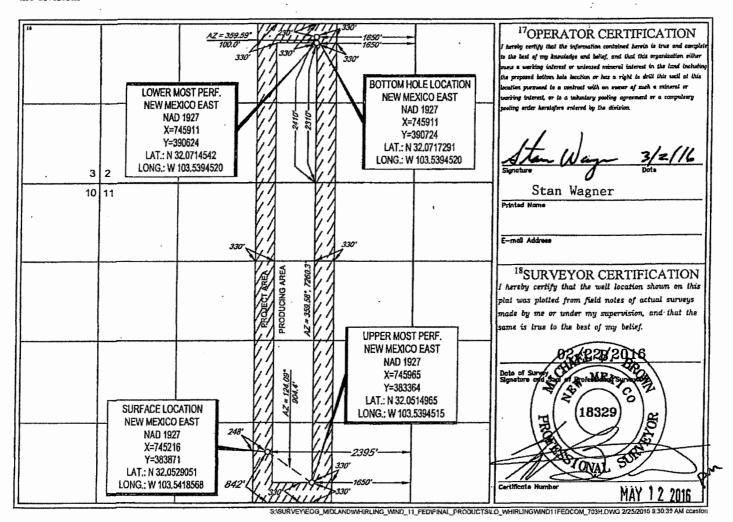
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Sante Fe, NM 87505

	API Numbe		/	Pool Gode	1		3Pool 1			
30-0	025- L	3228	980	94	WC-	-025 G-09 Ś	253336D; U	pper Wolfcamp		
Property (	Code	/			SProperty A	Vame .			Well Number	
3/62	031			WHIRI	LING WIND	11 FED CO	M /		#703H	_
OGRID I	Vo.				8Operator 1	Yame		,	Elevation	
737	7			EC	G RESOUR	CES, INC.		)	3345'	
<u> </u>			,		<sup>10</sup> Surface Le	ocation				
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	33-E	-	842'	SOUTH	2395'	EAST	LEA	\ /
	<u> </u>	•								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County
J	2	26-S	33-E		2410'	SOUTH	1650'	EAST	LEA	4
13 Dedicated Acres	13 Joint or 1	afill 14Ce	nsolidation Cod	le JSOrde	er No.	······································				
240.00		1		[						1

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.



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District I	_	~~D
1625 N. French Dr., Hobbs, NM 88240	25	
Phone: (575) 393-6161 Fax: (575) (93) (20)	20	_
District II		
811 S. First St., Artesia, NM 88210	_	2100
Phone: (575) 748-1283 Fax: (575) 748-97201	U a	סוטג ו
District III MAT	U	,
1000 Rio Brazos Road, Aztec, NM 87410	. *	
Phone: (505) 334-6178 Fax: (505) 334-6170		
District IV	CF	IVE
1220 S. St. Francis Dr., Sante Fe, NM 80505	C.	
Phone: (505) 476-3460 Fax: (505) 476-3462		
	1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 593-6161 Fax: (533) 101 (27) Bill S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410	1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 593-6161 Fax: (593) 1978 BS District Q 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztoc, NM 87410

26-S

<sup>3</sup>Joint or Infill

J

12 Dedicated Acres

240.00

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

FORM C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

LEA

		W	ELL LO	CATIO	N AND ACE	EAGE DEI	DICATION	PLAT			
	API Numbe	r		<sup>2</sup> Pool Code	,		3	Pool Name			
30-0	025- 4	3224	980	94	/ WC-	-025 G-09	S253336D;	Upper	Wolfcamp		
Property	がカス	•			Property !	Vame .			• •	Vell Number	
260	5//			WHIRI	LING WIND	11 FED	COM	/		#704H	/
7OGRID !	No.				<sup>8</sup> Operator l	Operator Name Elevation					
7377	7			EC	G RESOUR	CES, INC.				3344'	
					<sup>10</sup> Surface L	ocation					
UL ar lot no.	Section	Township	Range	Lot Ida	Feet from the	North/Sout	line Feet fro	m the	East/West line		County
0	11	26-S	33-E		856'	SOUTH	2422	'   '	EAST	LEA	. /
<u> </u>											
UL or let no.	Section	Township	Range	Lot Idn	Feet from the	North/South	h line Feet fre	on the	East/West line	•	County

SOUTH

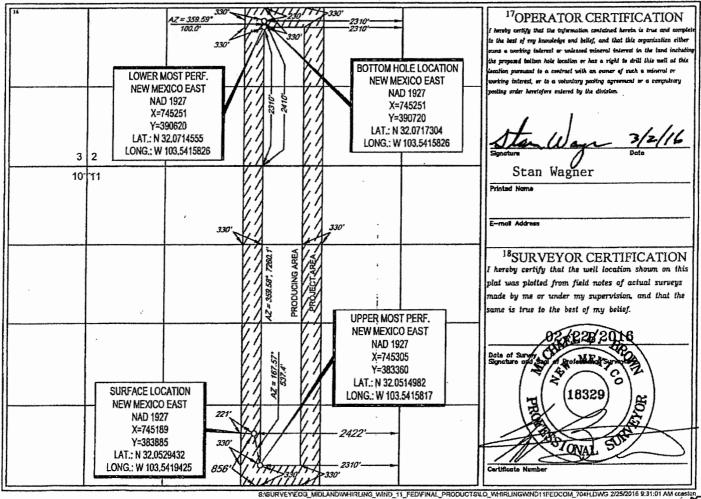
2310'

EAST

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.

2410'

SOrder No.





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

Date:

September 7, 2016

To:

State of New Mexico Oil Conservation Division

New Mexico State Land Office

Bureau of Land Management - Carlsbad

Re:

Surface Pool/Lease Commingling Application; Whirling Wind 14 Fed Com

#701H, Whirling Wind 11 Fed Com #702H-#704H

## 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	LOCATION	POOLCODE/NAME
1	30-025-42886	Whirling Wind 14 Fed Com #701H	A-14-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp
2	30-025-42934	Whirling Wind 11 Fed Com #702H	P-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp
3	30-025-43225	Whirling Wind 11 Fed Com #703H	O-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp
4	30-025-43226	Whirling Wind 11 Fed Com #704H	O-11-26S-33E	[98094] WC-025 G-09 S253336D; Upper Wolfcamp

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

EOG Resources, Inc.

Rv.

Paul Boland Sr. Landman

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse	A. Signature		
so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.	B. Received by ( Printed Name) C. Date of Delivery		
1. Article Addressed to:  State of New Mexico Land Office 310 Old Santa Fe Trail Santa Fe, NM 87504	D. Is delivery address differently term 1? Yes If YES, enter delivery address below:  SEP 1 2 2016		
	3. Service Type / SANTAFE Certified Many   Express Multi-		
	☐ Insured Mail ☐ C.O.D.		

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