

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-42886
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Whirling Wind 14 Fed Com
4. Well Location Unit Letter <u>A</u> : <u>4</u> feet from the <u>North</u> line and <u>556</u> feet from the <u>East</u> line Section <u>14</u> Township <u>26S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well Number <u>701H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3340' GR		9. OGRID Number 7377
		10. Pool name or Wildcat *WC-025 G-09 S253336D; Upper Wolfcamp

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☒ Surface Commingle		OTHER: <u>Recommend & Approve</u> ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests permission to surface pool/lease commingle and off lease measurement for oil and gas from the following wells:

Whirling Wind 14 Fed Com 701H 30-025-42886 WC Wolfcamp (98094)
Whirling Wind 14 Fed Com 702H 30-025-42934 WC Wolfcamp (98094)
Whirling Wind 14 Fed Com 703H 30-025-43225 WC Wolfcamp (98094)
Whirling Wind 14 Fed Com 704H 30-025-43226 WC Wolfcamp (98094)

*subject to like
Approval BLM*

Detailed information is attached.
Concurrent approval from 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 knowledge and belief.

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 9/08/2015
Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only
APPROVED BY: David L. Cota TITLE Division Director DATE 10/19/16
Conditions of Approval (if any): _____

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

* 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

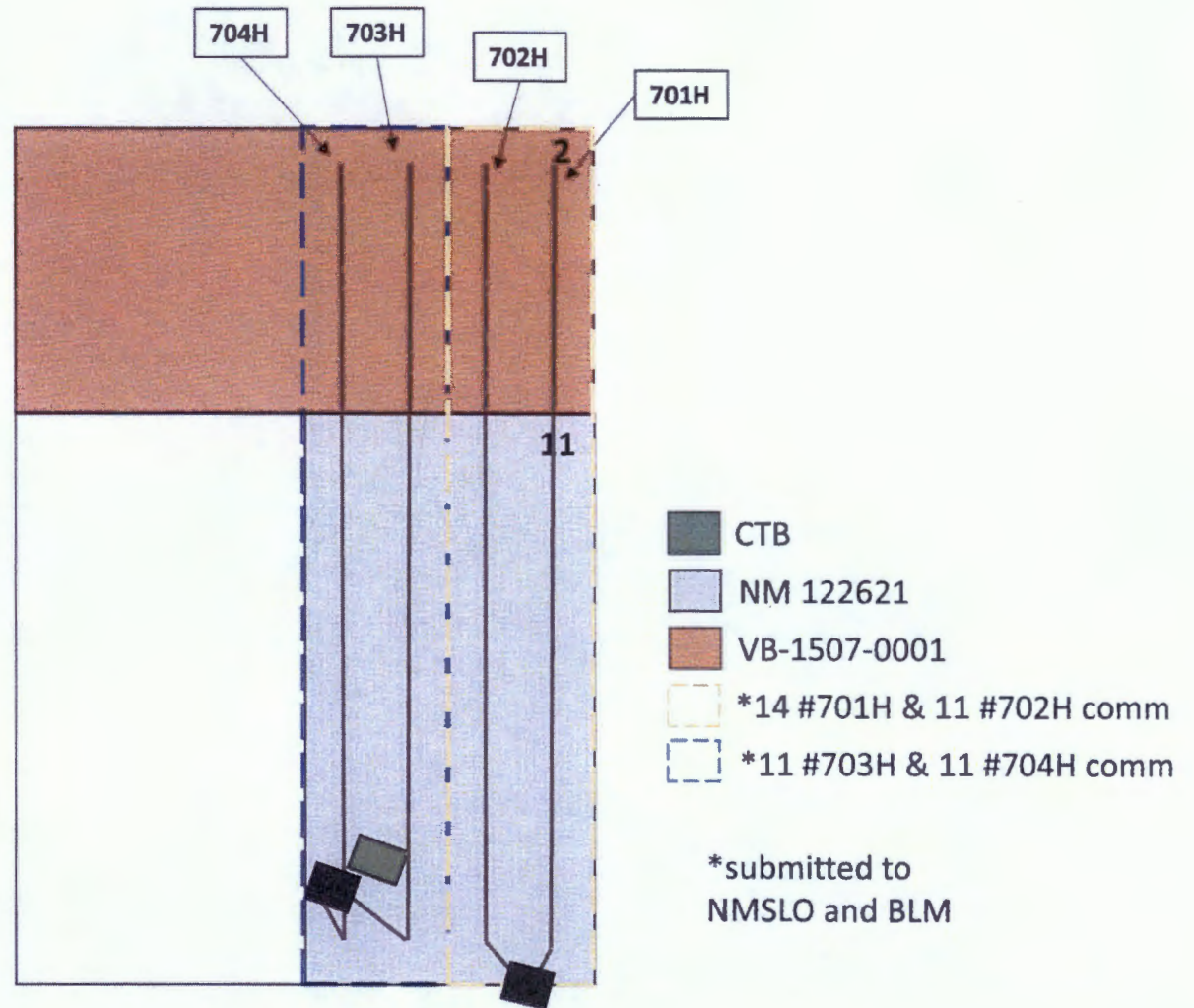
The oil from the separators will be measured using Coriolis meters, described as follows:

- 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



FACILITY NAME: WHIRLING WIND 14 FED COM CTB

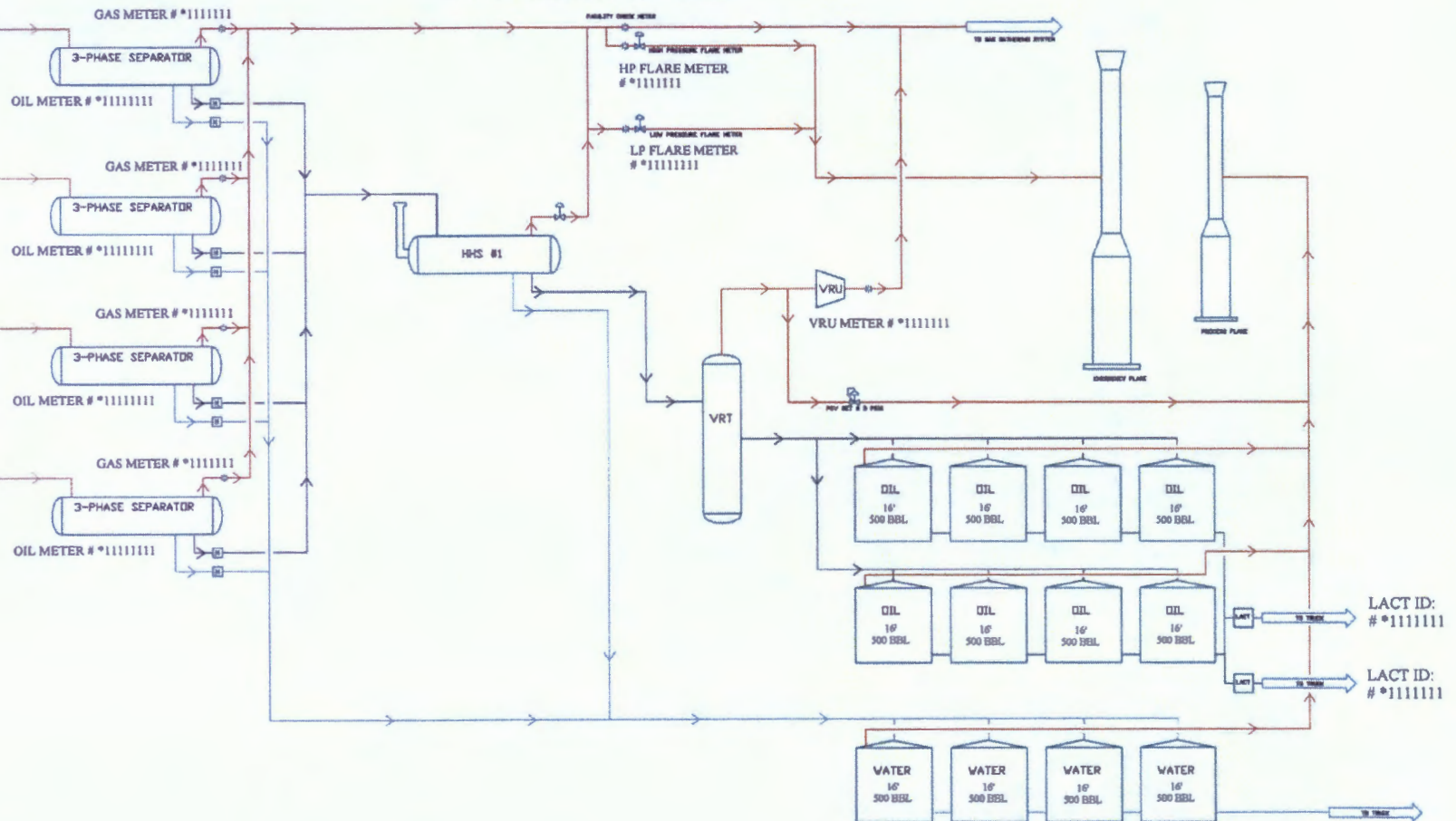
WELL NAME:
WHIRLING WIND 14 FED
COM #701H
API NUMBER:
30-025-42886

WELL NAME:
WHIRLING WIND 11 FED
COM #702H
API NUMBER:
30-025-42934

WELL NAME:
WHIRLING WIND 11 FED
COM #703H
API NUMBER:
30-025-43225

WELL NAME:
WHIRLING WIND 11 FED
COM #704H
API NUMBER:
30-025-43226

FACILITY CHECK METER # *1111111



Gas Orifice Meter

Liquid Meter

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

WHIRLING WIND 14 FED COM CTB PROCESS FLOW		
EDG RESOURCES MIDLAND DIVISION	BY: DWH	rev. 00 8/22/2016

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3469 Fax: (505) 476-3462

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

HOBBS OCD
OCT 19 2015
RECEIVED

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 30-025-42886	² Pool Code 98094	³ Pool Name WC-025 G-09 S253336D; Upper Wolfcamp
⁴ Property Code 39955	⁵ Property Name WHIRLING WIND 14 FED COM	⁶ Well Number #701H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3340'

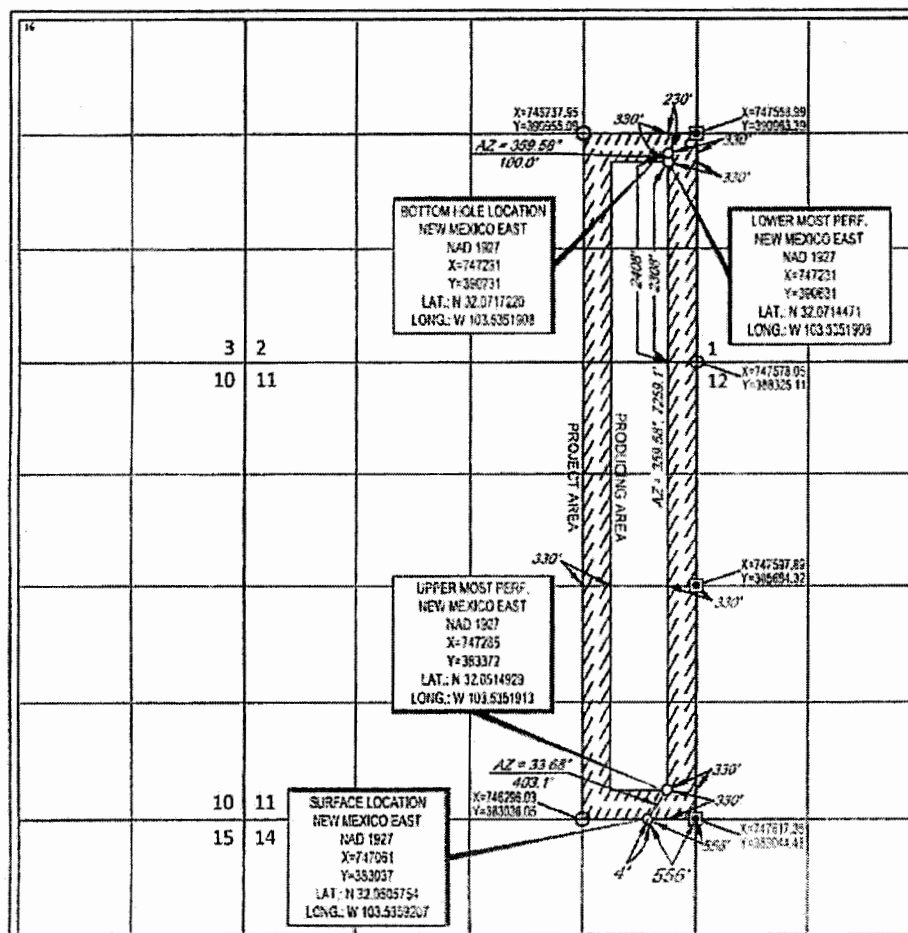
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	26-S	33-E	-	4'	NORTH	556'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	26-S	33-E	-	2408'	SOUTH	330'	EAST	LEA

¹¹ Dedicated Acres 240.00	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

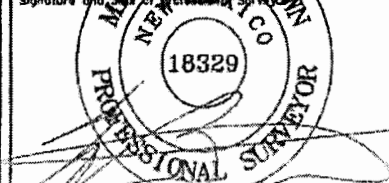
Stan Wagner 6/12/15
Signature Date
Stan Wagner
Printed Name

E-mail Address

¹⁸SURVEYOR 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.

Date of Survey
Signature of Professional Surveyor



Certificate Number

OCT 19 2015

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
511 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1009 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

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

HOBBS OCD

MAY 05 2016

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION

¹ API Number 30-025-42934		² Pool Code 98094		³ Pool Name WC-025 G-09 S253336D; Upper Wolfcamp	
⁴ Property Code		⁵ Property Name WHIRLING WIND 11 FED COM			⁶ Well Number #702H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3340'
¹⁰ Surface Location					
UL or lot no. P	Section 11	Township 26-S	Range 33-E	Lot Idn -	Feet from the 9
				North/South line SOUTH	Feet from the 583'
				East/West line EAST	County LEA
UL or lot no. I	Section 2	Township 26-S	Range 33-E	Lot Idn -	Feet from the 2409'
				North/South line SOUTH	Feet from the 991'
				East/West line EAST	County LEA
¹¹ Dedicated Acres 240.00		¹² Joint or Infill		¹³ Consolidation 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.

16		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 information was obtained from a reliable source. Signature: <i>Stan Wagner</i> Date: 3/1/16 Printed Name: Stan Wagner E-mail Address:	
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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. Date of Survey: 3/1/16 Signature: <i>Michael Brown</i> Professional Surveyor Seal: <i>Michael Brown</i> 18329 Certificate Number:	

S:\SURVEY\EOG_MIDLAND\WHIRLING_WIND_11_FED\FINAL_PRODUCTS\LO_WHIRLINGWIND11FEDCOM_702H_REV0.DWG 2/28/2016 3:06:22 PM location

MAY 06 2016

WJ

☐ AMENDED REPORT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6170
District II
811 S. First St., Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 1911

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43224	² Pool Code 98094	³ Pool Name WC-025 G-09 S253336D; Upper Wolfcamp
⁴ Property Code 348303	⁵ Property Name WHIRLING WIND 11 FED COM	⁶ Well Number #704H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3344'

¹⁰Surface Location

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	-	856'	SOUTH	2422'	EAST	LEA

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	2310'	EAST	LEA

¹² Dedicated Acres 240.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

	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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Stan Wagner</i> 3/2/16 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. 02/22/2016 Date of Survey <i>Michael P. Brown</i> Signature of Professional Surveyor NEW MEXICO 18329 PROFESSIONAL SURVEYOR Certificate Number
	LOWER MOST PERF. NEW MEXICO EAST NAD 1927 X=745251 Y=390620 LAT.: N 32.0714555 LONG.: W 103.5415826 BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=745251 Y=390720 LAT.: N 32.0717304 LONG.: W 103.5415826 UPPER MOST PERF. NEW MEXICO EAST NAD 1927 X=745305 Y=383360 LAT.: N 32.0514982 LONG.: W 103.5415817 SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=745189 Y=383885 LAT.: N 32.0529432 LONG.: W 103.5419425

MAY 12 2016



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.

By: Paul Boland
Paul Boland
Sr. Landman

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse 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.

1. Article Addressed to:

State of New Mexico Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87504

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

SEP 12 2016

3. Service Type

☒ Certified Mail ☐ Express Mail

☐ Registered

☐ Insured Mail

☐ C.O.D.

☐ Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee)

☐ Yes

7009 3410 0000 0981 1434