

<b>Well Name:</b> WHIRLING WIND 11 FED COM	<b>Well Location:</b> T26S / R33E / SEC 11 / SWSE / 32.0543283 / -103.5417671	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 744H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM122621	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300254451700X1	<b>Well Status:</b> Drilling Well	<b>Operator:</b> EOG RESOURCES INCORPORATED

Notice of Intent

<b>Type of Submission:</b> Notice of Intent	<b>Type of Action</b> Other
<b>Date Sundry Submitted:</b> 06/10/2021	<b>Time Sundry Submitted:</b> 03:22
<b>Date proposed operation will begin:</b> 02/26/2021	

**Procedure Description:** EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change well number from 709H to 744H Add a plug-back pilot hole Update casing program to current design with 8-3/4 inch intermediate and to accommodate 6 inch production casing Change BHL to T-26-S R-33-E Sec 2 2539 feet FSL 2593 feet FEL Lea Co, NM Increase HSU to 480.44 acres

Surface Disturbance

**Is any additional surface disturbance proposed?:** No

NOI Attachments

Procedure Description

- 6.000in\_24.00\_USS\_P110\_Freedom\_HTQ\_20210610152113.pdf
- Whilring\_Wind\_11\_Fed\_Com\_744H\_Permit\_Info\_\_\_Rev\_Name\_\_HSU\_\_BHL\_\_pilot\_REV\_2\_\_\_2.4.2021\_20210301055351.pdf
- Whirling\_Wind\_11\_Fed\_Com\_744H\_Planning\_Report\_20210205123730.pdf
- Whirling\_Wind\_11\_Fed\_Com\_744H\_Wall\_Plot\_20210205123729.pdf
- WHIRLINGWIND11FEDCOM\_744H\_C\_102\_20210205123707.pdf
- FMAXIII\_8.625\_32.00\_BMP\_P110HC\_CDS\_20210205123700.pdf

**Well Name:** WHIRLING WIND 11 FED  
COM

**Well Location:** T26S / R33E / SEC 11 /  
SWSE / 32.0543283 / -103.5417671

**County or Parish/State:** LEA /  
NM

**Well Number:** 744H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM122621

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 300254451700X1

**Well Status:** Drilling Well

**Operator:** EOG RESOURCES  
INCORPORATED

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

**Operator Electronic Signature:** STAR HARRELL

**Signed on:** JUN 10, 2021 03:21 PM

**Name:** EOG RESOURCES INCORPORATED

**Title:** Regulatory Specialist

**Street Address:** 5509 CHAMPIONS DRIVE

**City:** MIDLAND

**State:** TX

**Phone:** (432) 848-9161

**Email address:** STAR\_HARRELL@EOGRESOURCES.COM

Field Representative

**Representative Name:** Eric Brorman

**Street Address:** 5509 Champions Drive

**City:** Midland

**State:** TX

**Zip:** 79706

**Phone:** (432)556-1276

**Email address:** eric\_brorman@eogresources.com

BLM Point of Contact

**BLM POC Name:** CHRISTOPHER WALLS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234

**BLM POC Email Address:** cwalls@blm.gov

**Disposition:** Approved

**Disposition Date:** 07/09/2021

**Signature:** Chris Walls

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
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., Sante 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.  
Sante 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 30-025-44517	<sup>2</sup> Pool Code 98097	<sup>3</sup> Pool Name Sanders Tank; Upper Wolfcamp
<sup>4</sup> Property Code 316203	<sup>5</sup> Property Name WHIRLING WIND 11 FED COM	<sup>6</sup> Well Number 744H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3350'

<sup>10</sup>Surface Location

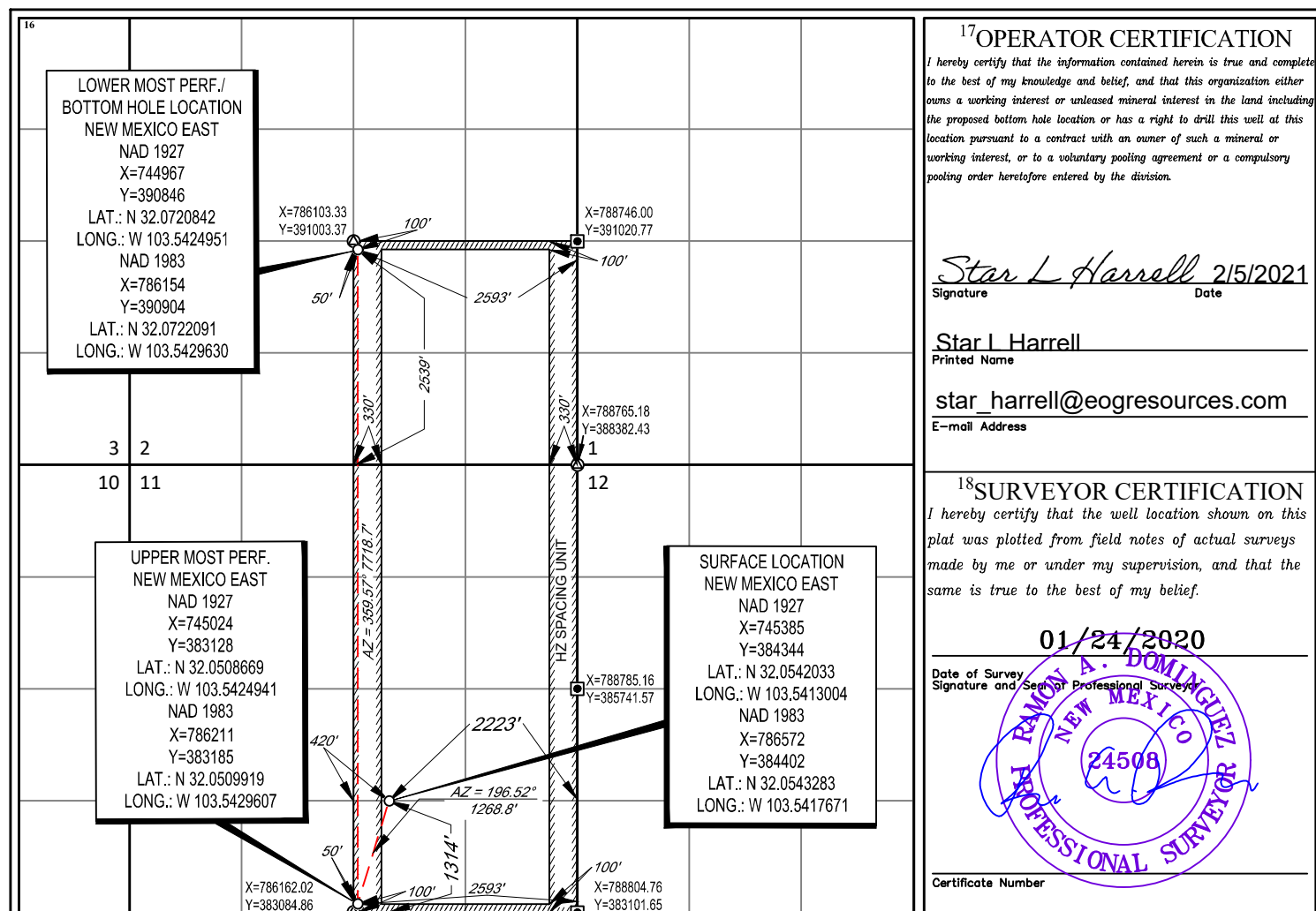
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	11	26-S	33-E	-	1314'	SOUTH	2223'	EAST	LEA

<sup>11</sup>Bottom Hole Location If Different From Surface

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	-	2539'	SOUTH	2593'	EAST	LEA

<sup>12</sup> Dedicated Acres 480.44	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



**Revised Permit Information 2/4/2021:**

Well Name: Whirling Wind 11 Fed Com #744H

Location:

SHL: 1314' FSL &amp; 2223' FEL, Section 11, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2539' FSL &amp; 2593' FEL, Section 2, T-26-S, R-33-E, Lea Co., N.M.

**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF <sub>min</sub> Collapse	DF <sub>min</sub> Burst	DF <sub>min</sub> Tension
14.75"	0' – 1,240'	10.75"	40.5#	J-55	STC	1.125	1.25	1.60
9.875"	0' – 12,700'	8.75"	37.5#	P-110	Wedge 441	1.125	1.25	1.60
7.875"	0' – 20,784'	6"	24#	P-110	HTQ	1.125	1.25	1.60

Variance is requested to wave the centralizer requirements for the 8-3/4" casing in the 9-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 9-7/8" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 6" casing in the 7-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 7-7/8" hole interval to maximize cement bond and zonal isolation.

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /sk	Slurry Description
1,240' 10-3/4"	490	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	120	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 1,040')
12,700' 8-3/4"	750	14.2	1.11	1 <sup>st</sup> Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,640')
	1,610	12.7	2.30	2 <sup>nd</sup> Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
14,600' Pilot Hole	350	14.8	1.33	Plug 1: Class H + 5% Salt + 3% Microbond (TOC @ 13,600')
13,600' Pilot Hole	350	14.8	1.33	Plug 2: Class H + 5% Salt + 3% Microbond (TOC @ 12,600')
20,784' 6"	1,500	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 11,300')

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	Expansive agent
Pre-Mag-M	Expansive agent
Sodium Chloride	Accelerator
FL-62	Fluid loss control
Halad-344	Fluid loss control
Halad-9	Fluid loss control
HR-601	Retarder
Microbond	Expansive Agent

EOG requests variance from minimum standards to pump a two stage cement job on the 8-3/4'' intermediate casing string with the first stage being pumped conventionally with the calculated TOC at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top of cement will be verified by Echo-meter.

EOG will include the final fluid top verified by Echo-meter and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

#### **Mud Program:**

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,240'	Fresh - Gel	8.6-8.8	28-34	N/c
1,240' – 12,700'	Brine	10.0-10.2	28-34	N/c
11,800' – 20,784' Production Lateral	Oil Base	10.0-14.0	58-68	3 - 6
12,700' – 14,600' Pilot Hole	Oil Base	10.0-14.0	58-68	3 - 6

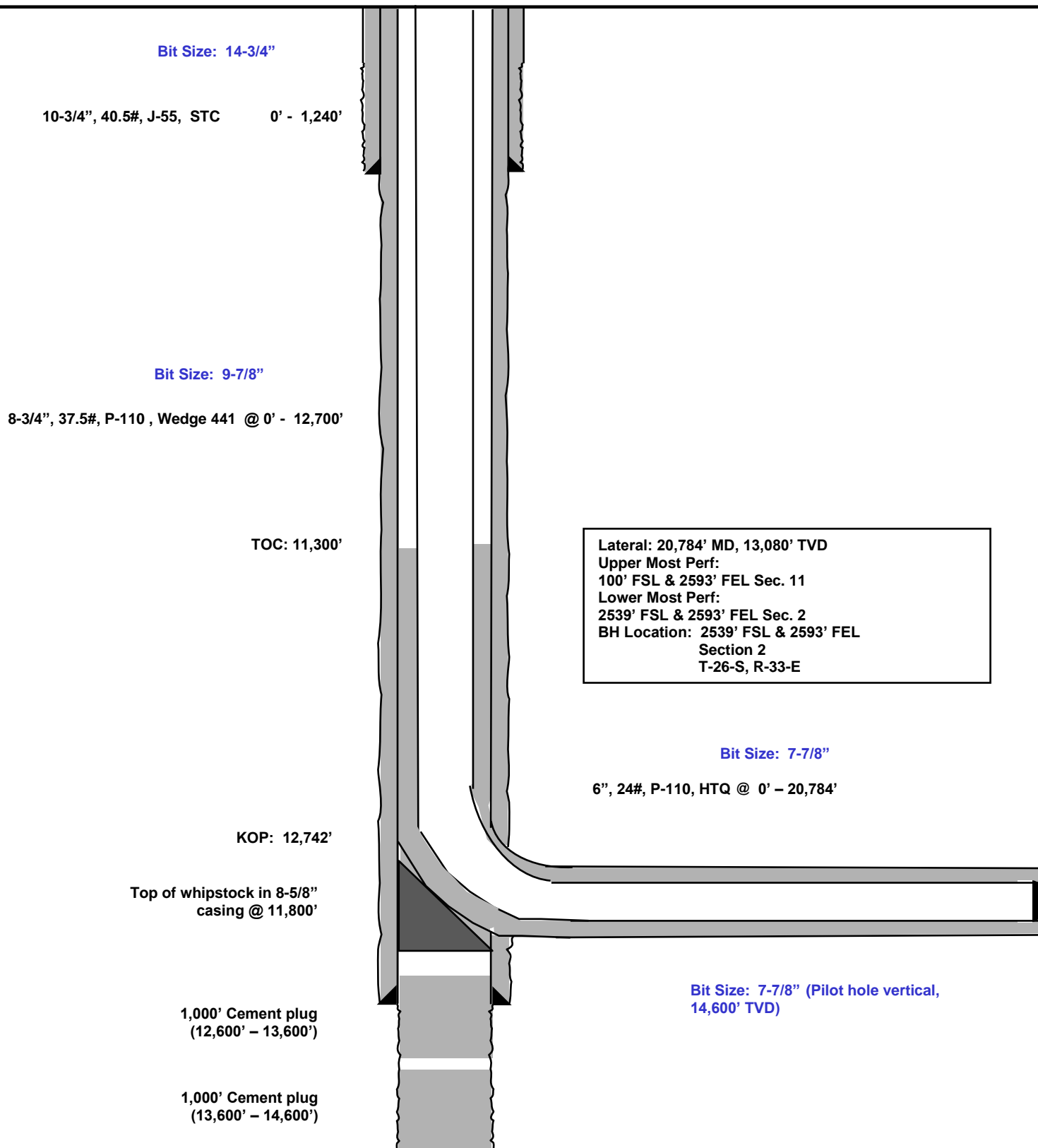
Variance is requested to use a 5,000 psi annular BOP with the 10,000 psi BOP stack.

1314' FSL  
2223' FEL  
Section 11  
T-26-S, R-33-E

Revised Wellbore

KB: 3,375'  
GL: 3,350'

API: 30-025-44517



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 36249

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 36249
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	7/27/2021