

<b>Well Name:</b> PEACHTREE 25 FED COM	<b>Well Location:</b> T26S / R33E / SEC 25 / SESE /	<b>County or Parish/State:</b>
<b>Well Number:</b> 758H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM122622	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002549371	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> EOG RESOURCES INCORPORATED

Notice of Intent

**Sundry ID:** 2633308

<b>Type of Submission:</b> Notice of Intent	<b>Type of Action:</b> Other
<b>Date Sundry Submitted:</b> 09/08/2021	<b>Time Sundry Submitted:</b> 03:32
<b>Date proposed operation will begin:</b> 10/15/2021	

**Procedure Description:** EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change name from #748H to #758H. Change target formation to Wolfcamp M1. Update casing and cement program to current design.

Surface Disturbance

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

NOI Attachments

Procedure Description

- Wellhead\_10.75\_x\_8.75\_x\_6\_in\_csg\_Cactus\_SDT\_3141\_1\_20210908153158.pdf
- Peachtree\_25\_Fed\_Com\_758H\_Wall\_Plot\_20210908153134.pdf
- Peachtree\_25\_Fed\_Com\_758H\_Sundry\_Info\_\_\_\_Rev\_Name\_\_tgt\_\_csg\_9.7.2021\_20210908153128.pdf
- Peachtree\_25\_Fed\_Com\_758H\_Planning\_Report\_20210908153120.pdf
- EOG\_BLM\_10M\_Annular\_Variance\_\_\_\_9.675\_in\_20210908153110.pdf
- 10\_M\_Choke\_Manifold\_20210908153049.pdf
- 8.75\_38.5\_lb\_ft\_P110EC\_SPRINT\_SF\_IR778\_ENG\_CDS43\_rev0\_20210908153048.pdf
- 10\_M\_BOP\_Diagram\_9.675\_in\_20210908153048.pdf

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10.75\_40.5\_lb\_ft\_J55\_STC\_20210908153048.pdf

6.000\_24.00\_0.4000\_\_P110\_HP\_USS\_EAGLE\_SFH\_SC\_20210908153047.pdf

PEACHTREE\_25\_FED\_COM\_758H\_C\_102\_20210908153025.pdf

Conditions of Approval

Additional Reviews

Peachtree\_25\_Fed\_Com\_758H\_COA\_20210924020554.pdf

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.

<b>Operator Electronic Signature:</b> STAR HARRELL	<b>Signed on:</b> SEP 08, 2021 03:32 PM
<b>Name:</b> EOG RESOURCES INCORPORATED	
<b>Title:</b> Regulatory Specialist	
<b>Street Address:</b> 5509 CHAMPIONS DRIVE	
<b>City:</b> MIDLAND	<b>State:</b> TX
<b>Phone:</b> (432) 848-9161	
<b>Email address:</b> STAR_HARRELL@EOGRESOURCES.COM	

Field Representative

<b>Representative Name:</b> Eric Brorman		
<b>Street Address:</b> 5509 Champions Drive		
<b>City:</b> Midland	<b>State:</b> TX	<b>Zip:</b> 79706
<b>Phone:</b> (432)556-1276		
<b>Email address:</b> eric_brorman@eogresources.com		

BLM Point of Contact

<b>BLM POC Name:</b> CHRISTOPHER WALLS	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5752342234	<b>BLM POC Email Address:</b> cwalls@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 09/24/2021
<b>Signature:</b> Chris Walls	

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1625 N. French Dr., Hobbs, NM 88240  
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District IV  
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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	<sup>2</sup> Pool Code 98180	<sup>3</sup> Pool Name WC-025 G-09 S253309P; Upper Wolfcamp
<sup>4</sup> Property Code 331002	<sup>5</sup> Property Name PEACHTREE 25 FED COM	<sup>6</sup> Well Number 758H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3364'

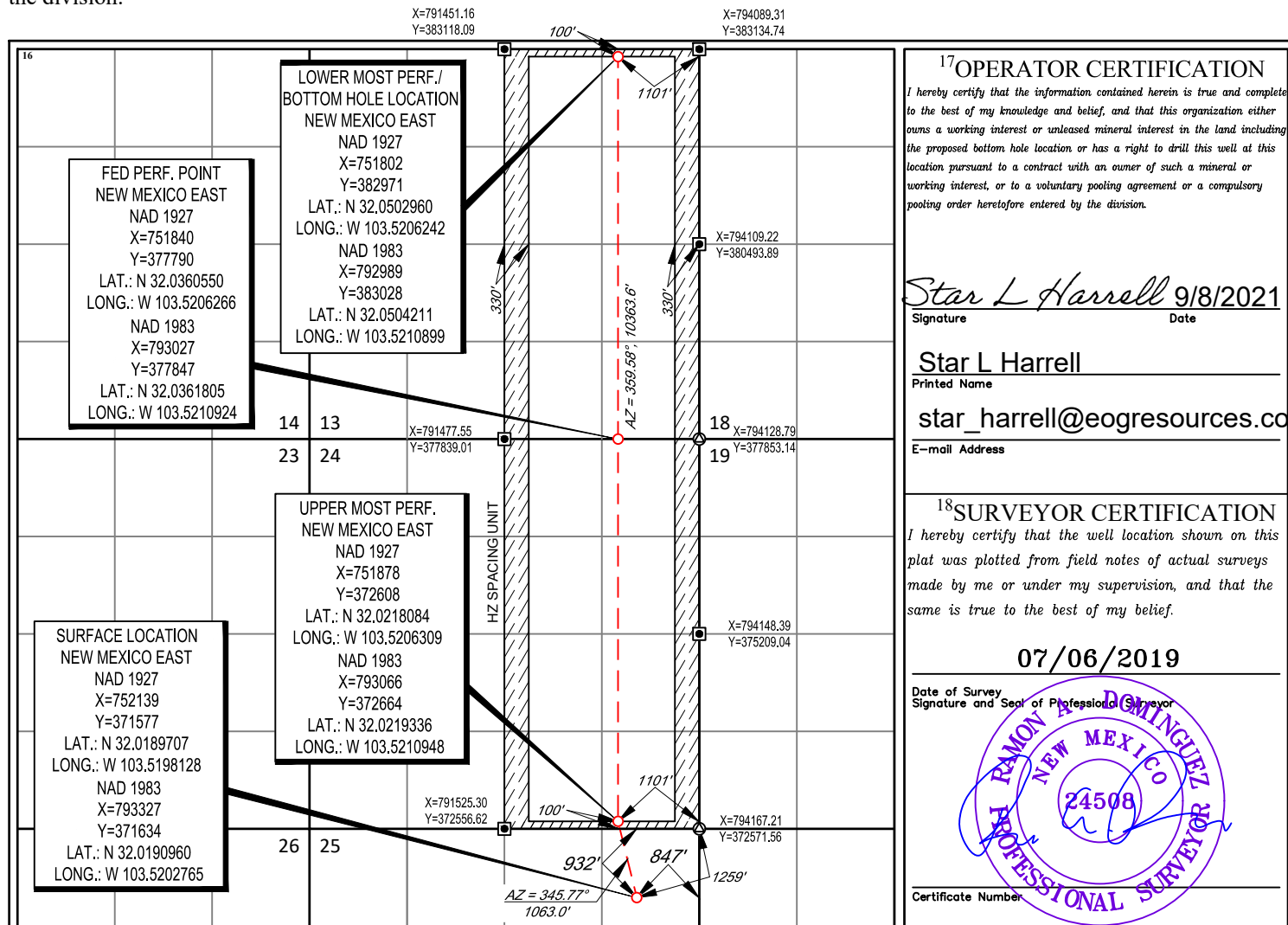
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	25	26-S	33-E	-	932'	NORTH	847'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	26-S	33-E	-	100'	NORTH	1101'	EAST	LEA

<sup>12</sup> Dedicated Acres 641.61	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.





### Peachtree 25 Fed Com 758H

#### Revised Permit Information 09/07/2021:

Well Name: Peachtree 25 Fed Com 758H

Location: SHL: 932' FNL & 847' FEL, Section 25, T-26-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 1101' FEL, Section 13, T-26-S, R-33-E, Lea Co., N.M.

#### Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
13"	0' - 1,010'	10.75"	40.5#	J-55	LTC	1.125	1.25	1.6
9.875"	0' - 11,130'	8.75"	38.5#	P-110EC	Vam Sprint SF	1.125	1.25	1.6
7.875"	0' - 10,630'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6
7.875"	10,630' - 11,130'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6
7.875"	11,130' - 23,507'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6

Variance is requested to waive 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 waive 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.

Variance is also requested to waive the annular clearance requirements for the 6" casing by 8-3/4" casing annulus to the proposed top of cement.

EOG requests permission to allow deviation from the 0.422" annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422" is acceptable for the production open hole section.

#### Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,010' 10-3/4"	270	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)
	70	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 804')
11,130' 8-3/4"	530	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,178')
	1390	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
23,507' 6"	1790	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,629')



### Peachtree 25 Fed Com 758H

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 top of cement at the Brushy Canyon (7,378') 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 1,392 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 will be verified by Echo-meter.

EOG will include the Echo-meter verified fluid top 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 – 1,010'	Fresh - Gel	8.6-8.8	28-34	N/c
1,010' – 11,130'	Brine	10.0-10.2	28-34	N/c
11,130' – 12,820'	Oil Base	8.7-9.4	58-68	N/c - 6
12,820' – 23,507'	Oil Base	10.0-14.0	58-68	4 - 6



## Peachtree 25 Fed Com 758H

932' FNL  
847' FEL  
Section 25  
T-26-S, R-33-E

Revised Wellbore

KB: 3389'  
GL: 3364'

API: 30-025-\*\*\*\*\*

Bit Size: 13"  
10-3/4", 40.5#, J-55, LTC, 0' - 1,010'

Bit Size: 9-7/8"  
8-3/4", 38.5#, P-110EC, Vam Sprint  
SF, 0' - 11,130'

Bit Size: 7-7/8"  
6", 24#, P-110 HP, Eagle SFH SC, @ 0' - 10,630'  
6", 24#, P-110 HP, Eagle SFH SC, @ 10,630' - 11,130'  
6", 24#, P-110 HP, Eagle SFH SC, @ 11,130' - 23,507'

KOP: 12,820'

TOC: 10,629'

Lateral: 23,507' MD, 13,217' TVD  
Upper Most Perf:  
100' FSL & 1101' FEL Sec. 24  
Lower Most Perf:  
100' FNL & 1101' FEL Sec. 13  
BH Location: 100' FNL & 1101' FEL  
Sec. 13  
T-26-S R-33-E

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

CONDITIONS

Action 51912

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 51912
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	9/28/2021