

Well Name: AUDACIOUS 19 FED	Well Location: T25S / R33E / SEC 19 / NESW /	County or Parish/State:
Well Number: 505H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM110838	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548986	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

REQUIRES NSL

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 07/14/2021	Time Sundry Submitted: 02:56
Date proposed operation will begin: 08/15/2021	
Procedure Description: EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change SHL to T-25-S, R-33-E, Sec 19, 2556' FNL, 2199' FEL, Lea Co., N.M.	

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- AUDACIOUS_19_FED_505H_PLAT_SIGNED_20210714145619.pdf
- Audacious_19_Fed_505H_Sundry_Info___Rev_SHL_6.29.2021_20210714144814.pdf

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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: ERIC BRORMAN	Signed on: JUL 14, 2021 02:56 PM
Name: EOG RESOURCES INCORPORATED	
Title: Engineering Associate	
Street Address: 5509 CHAMPIONS DRIVE	
City: MIDLAND	State: TX
Phone: (432) 556-1276	
Email address: ERIC_BRORMAN@EOGRESOURCES.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

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: 08/30/2021
Signature: Chris Walls	

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
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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

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 30-025-48986	² Pool Code 97903	³ Pool Name WC-025 G-08 S253235G: LWR BONE SPRING
⁴ Property Code 32220	⁵ Property Name AUDACIOUS 19 FED	⁶ Well Number 505H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3450'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	25-S	33-E	-	2556'	NORTH	2199'	EAST	LEA

¹¹Bottom 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
N	30	25-S	33-E	-	100'	SOUTH	2382'	WEST	LEA

¹² Dedicated Acres 480.76	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.

REQUIRES NSL

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 this organization either owns a working interest or unleased 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>Eric Brorman</i> 7/14/21 Signature Date Eric Brorman Printed Name eric_brorman@eogresources.com 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. 06/17/2021 Date of Survey <i>Ramon A. Dominguez</i> Signature and Seal of Professional Surveyor 24508 Certificate Number		T-25-S, R-33-E SECTION 19 LOT 1 - 40.07 CALLED AC. LOT 2 - 40.09 CALLED AC. LOT 3 - 40.11 CALLED AC. LOT 4 - 40.13 CALLED AC. SECTION 30 LOT 1 - 40.14 CALLED AC. LOT 2 - 40.13 CALLED AC. LOT 3 - 40.13 CALLED AC. LOT 4 - 40.12 CALLED AC.

**Audacious 19 Fed 505H****Revised Permit Information 06/29/2021:**

Well Name: Audacious 19 Fed 505H

Location: SHL: 2556' FNL & 2199' FEL, Section 19, T-25-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 2382' FWL, Section 30, T-25-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
16"	0' - 1,060'	13.375"	54.5#	J-55	STC	1.125	1.25	1.6
12.25"	0' - 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.6
12.25"	4,000' - 4,990'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.6
8.75"	0' - 11,191'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.6
8.5"	11,191' - 18,483'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.6

Variance is requested to waive the centralizer requirements for the 9-5/8" casing in the 12-1/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 12-1/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 5-1/2" casing in the 8-3/4" and 8-1/2" hole sizes. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" and 8-1/2" hole intervals to maximize cement bond and zonal isolation.

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,060' 13.375"	320	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	100	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 860')
4,990' 9.625"	730	12.7	2.22	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	320	14.8	1.32	Tail: Class C + 10% NaCl + 3% MagOx (TOC @ 3,990')
18,483' 5.5"	600	11.0	3.21	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 4,489')
	1960	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,441')

**Audacious 19 Fed 505H**

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

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,060'	Fresh - Gel	8.6-8.8	28-34	N/c
1,060' – 4,990'	Brine	8.6-8.8	28-34	N/c
4,990' – 18,483'	Oil Base	8.8-9.5	58-68	N/c - 6



Audacious 19 Fed 505H

2556' FNL

Revised Wellbore

KB: 3475'

2199' FEL

GL: 3450'

Section 19

T-25-S, R-33-E

API: 30-025-48986

Bit Size: 16"
13-3/8", 54.5#, J-55, STC, 0' - 1,060'

Bit Size: 12-1/4"
9-5/8" 40#, J-55, LTC, 0' - 4,000'
9-5/8" 40#, HCK-55, LTC, 4,000' - 4,990'

TOC: 4,489'

Bit Size: 8-3/4"
5-1/2" 17#, HCP-110, LTC@ 0' - 18,483'

KOP: 10,441'

Lateral: 18,483' MD, 10,888' TVD
Upper Most Perf:
2540' FSL & 2382' FWL Sec. 19
Lower Most Perf:
100' FSL & 2382' FWL Sec. 30
BH Location: 100' FSL & 2382' FWL
Sec. 30
T-25-S R-33-E

Bit Size: 8-1/2"

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 45387

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 45387
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/1/2021