

Well Name: PEGASUS 3 FED COM	Well Location: T24S / R32E / SEC 3 / SWSW / 32.2405634 / -103.6678252	County or Parish/State: LEA / NM
Well Number: 511H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94850	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254713400X1	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2648360

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 12/13/2021

Time Sundry Submitted: 08:36

Date proposed operation will begin: 12/13/2021

Procedure Description: EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Update casing and cement program to current design.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pegasus_3_Fed_Com_511H_Wall_Plot_20211213083552.pdf

Pegasus_3_Fed_Com_511H_Planning_Report_20211213083546.pdf

Pegasus_3_Fed_Com_511H_Sundry_Info___Rev_csg_12.10.2021_20211213083540.pdf

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Operator: EOG RESOURCES INCORPORATED

Conditions of Approval

Specialist Review

Pegasus_3_Fed_Com_511H_COA_20211213114450.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.

Operator Electronic Signature: STAR HARRELL

Signed on: DEC 13, 2021 08:35 AM

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: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 12/13/2021

Signature: Zota Stevens



Pegasus 3 Fed Com 511H

Revised Permit Information 12/10/2021:

Well Name: Pegasus 3 Fed Com 511H

Location: SHL: 452' FSL & 995' FWL, Section 3, T-24-S, R-32-E, Lea Co., N.M.

BHL: 100' FNL & 330' FWL, Section 34, T-23-S, R-32-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
16"	0' - 1,250'	13.375"	54.5#	J-55	STC	1.125	1.25	1.6
9.875"	0' - 4,000'	8.75"	38.5#	P-110EC	Sprint SF	1.125	1.25	1.6
9.875"	4,000' - 9,200'	8.75"	38.5#	P-110EC	Sprint SF	1.125	1.25	1.6
7.875"	0' - 20,919'	5.5"	17#	HCP-110	LTC	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 5-1/2" 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.

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /sk	Slurry Description
1,250' 13.375"	380	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 @ 1,050')
9,200' 8.75"	690	12.7	2.22	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	220	14.8	1.32	Tail: Class C + 10% NaCl + 3% MagOx (TOC @ 7,360')
20,919'	120	11.0	3.21	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 8,700')
	1950	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,238')



Pegasus 3 Fed Com 511H

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 – 1,250'	Fresh - Gel	8.6-8.8	28-34	N/c
1,250' – 9,200'	Brine	8.6-8.8	28-34	N/c
9,200' – 20,919'	Oil Base	8.8-9.5	58-68	N/c - 6

Wellhead:

EOG Resources Inc. (EOG) respectfully requests a variance from the minimum standards for well control equipment testing of Onshore Order No. 2 (item III.A.2.i) to allow a testing schedule of the blow out preventer (BOP) and blow out prevention equipment (BOPE) to include the following:

- Full BOPE test at first installation on the pad.
- Full BOPE test every 30 days per Onshore Order No. 2.
- Function test BOP elements per Onshore Order No. 2.
- Break testing BOP and BOPE coupled with batch drilling operations and production sections that do not penetrate the Wolfcamp or deeper formations.
- After the well section is cemented the BOP will be disconnected from the wellhead and walked with the rig to another well on the pad. The cemented well will be secured with a blind flange and a pressure gauge for monitoring.



Pegasus 3 Fed Com 511H

452' FSL
995' FWL
Section 3
T-24-S, R-32-E

Revised Wellbore

KB: 3678'
GL: 3653'

API: 30-025-47134

Bit Size: 16"
13-3/8", 54.5#, J-55, STC, 0' - 1,250'

Bit Size: 9-7/8"
8-3/4" 38.5#, P-110EC, Sprint SF, 0' - 4,000'

8-3/4" 38.5#, P-110EC, Sprint SF, 4,000' - 9,200'

TOC: 8,700'

5-1/2", 17#, HCP-110, LTC @ 0' - 20,919'

KOP: 10,238'

Lateral: 20,919' MD, 10,660' TVD
Upper Most Perf:
100' FSL & 330' FWL Sec. 3
Lower Most Perf:
100' FNL & 330' FWL Sec. 34
BH Location: 100' FNL & 330' FWL
Sec. 34
T-23-S R-32-E

Bit Size: 7-7/8"

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 66590

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 66590
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	12/14/2021