

Well Name: PEGASUS 3 FED COM	Well Location: T24S / R32E / SEC 3 / SWSW / 32.240564 / -103.6677183	County or Parish/State: LEA / NM
Well Number: 510H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94850	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254725100X1	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2648358

Type of Submission: Notice of Intent

Date Sundry Submitted: 12/13/2021

Date proposed operation will begin: 12/13/2021

Type of Action: Other

Time Sundry Submitted: 08:33

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_510H_Wall_Plot_20211213083345.pdf
- Pegasus_3_Fed_Com_510H_Planning_Report_20211213083337.pdf
- Pegasus_3_Fed_Com_510H_Sundry_Info___Rev_csg_12.10.2021_20211213083327.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: STAR HARRELL	Signed on: DEC 13, 2021 08:33 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 510H

Revised Permit Information 12/10/2021:

Well Name: Pegasus 3 Fed Com 510H

Location: SHL: 452' FSL & 1028' FWL, Section 3, T-24-S, R-32-E, Lea Co., N.M.

BHL: 100' FNL & 770' 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' - 20,888'	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')
20,888'	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 @ 10,208')



Pegasus 3 Fed Com 510H

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' – 20,888'	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 510H

452' FSL
1028' FWL
Section 3
T-24-S, R-32-E

Revised Wellbore

KB: 3678'
GL: 3653'

API: 30-025-47251

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' - 20,888'

KOP: 10,208'

Lateral: 20,888' MD, 10,665' TVD
Upper Most Perf:
100' FSL & 770' FWL Sec. 3
Lower Most Perf:
100' FNL & 770' FWL Sec. 34
BH Location: 100' FNL & 770' 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 66794

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 66794
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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