

Well Name: PEGASUS 3 FED COM	Well Location: T24S / R32E / SEC 3 / TR M / 32.242096 / -103.6672851	County or Parish/State: LEA / NM
Well Number: 324H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94850	Unit or CA Name:	Unit or CA Number: NMNM144087
US Well Number: 3002554805	Operator: EOG RESOURCES INCORPORATED	

Notice of Intent

Sundry ID: 2865438

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 07/28/2025	Time Sundry Submitted: 09:25
Date proposed operation will begin: 07/25/2025	

Procedure Description: Well Background • Pegasus 325H: Cased to 1,300' (Tamarisk Anhydrite), cemented to surface, float collar at 1,255'. Obstruction at 787' (8-3/4" gauge ring could not pass on wireline). • Pegasus 324H: Open hole, potential collision at 787', TD at 828'. • Communication: Confirmed between wells 6BPM @ 100psi pumping from 325H to 324H U-Tube Plugging Job Given the confirmed communication between the wells, we propose a U-Tube plugging job to cement both wells simultaneously. Since we have communication between both wellbores this would minimize operational complexity and provide a good seal for both wells Procedure: • Rig up on Pegasus 325H. • Pump 14.8 ppg cement down Pegasus 325H, taking returns from Pegasus 324H. • Continue pumping until 50+ barrels of cement return to the surface via Pegasus 324H. • Shut down operations and flush lines.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pegasus_324H_P_A_WBD_1_20250728092412.pdf

Received by OCD: 7/29/2025 10:18:55 AM

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Conditions of Approval

Specialist Review

Fw__EXTERNAL__Pegasus_Pad_P_A_324H__325H_20250728100300.pdf

Operator

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

Operator Electronic Signature: ERIC BRORMAN	Signed on: JUL 28, 2025 09:25 AM
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 Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Approved	Disposition Date: 07/28/2025
Signature: KEITH IMMATTY	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

Continue pumping until 50+ barrels of cement return to the surface via Pegasus 324H.


Shut down operations and flush lines.

Location of Well

0. SHL: TR M / 1009 FSL / 1162 FWL / TWSP: 24S / RANGE: 32E / SECTION: 3 / LAT: 32.242096 / LONG: -103.6672851 (TVD: 0 feet, MD: 0 feet)

PPP: TR M / 100 FSL / 1254 FWL / TWSP: 24S / RANGE: 32E / SECTION: 3 / LAT: 32.2395995 / LONG: -103.6669875 (TVD: 9330 feet, MD: 9426 feet)

BHL: TR D / 100 FNL / 1870 FWL / TWSP: 23S / RANGE: 32E / SECTION: 34 / LAT: 32.2680669 / LONG: -103.6669958 (TVD: 9595 feet, MD: 19884 feet)



Area: Pegasus

Regulatory: BLM

Permit No: N/A

API #: 30-025-54805

AFE #: 188684

Well ID: 146253

Spud Date: 7/18/2025

Rig: Nabors 1210

SURF: 1009' FSL, 1162' FWL

SUR: New Mexico East, NAD 1983

GL: 3,655'

KB: 3,687'

Township/Range: 24S/32E

SHL: X= 747262

SHL Lat/Long: N32.2420968

BHL: X=

AZM: 359.63°

Y= 452447

Y= 103.6672857

Y=

TOC: Surface

Cement to Surface: 51 bbls

Total Depth:

828' MD

828' TVD

1st Bone Spring Sand A

Lea NM

Target 2410 ft/day & 7.77 Drilling Days

Record 3197 ft/day & 5.85 Drilling Days

Lateral Length: 2.0 Mile

Conductor size: 20"

Depth: 145'

Surf hole size: 13 1/2"

Surf CSG Size: NA/OH

Surf CSG Depth: NA/OH

Well Background

- Pegasus 325H: Cased to 1,300', cemented to surface, float collar at 1,255'. Obstruction at 787' (8-3/4" gauge ring could not pass on wireline).
- Pegasus 324H: Open hole, potential collision at 787'; TD at 828'.
- Communication: Confirmed between wells 6BPM @ 100psi pumping from 325H to 324H

Option 1: U-Tube Plugging Job (Preferred)

Given the confirmed communication between the wells, we propose a U-Tube plugging job to cement both wells simultaneously. Since we have communication between both wellbores this would minimize operational complexity and provide a good seal for both wells

Procedure:

- Rig up on Pegasus 325H.
- Pump 14.8 ppg cement down Pegasus 325H, taking returns from Pegasus 324H.
- Continue pumping until 50+ barrels of cement return to the surface via Pegasus 324H.
- Shut down operations and flush lines.

Capacities

Surf OH 0.1770 bbl/ft

Int OH

Vert OH

Curve OH

Lateral OH

Mud Data:

EOG/AES

Surface Fresh Water fr 8.4 to 9.1 ppg @ TD

P&A Cement Data:

Slurry TOC Sx Yield Density Excess

P&A Surface 1267 1.33 cuft/sk 14.8 ppg 200%

Directional Data:

13" Nudge Start 4,800' MD 4,800' TVD

13" Nudge End 9,374' MD 9,268' TVD

KOP 9,374' MD 9,268' TVD

EOC 10,372' MD 9,933' TVD

EOL 19,985' MD 9,919' TVD

DLS: 10 deg/100

Temperature Data:

BHST @ Surface Shoe: 84 °F

BHST @ Intermediate Shoe: 124 °F

BHST in Lateral (deepest TVD): 179 °F

Formation Top

TVD THK

Rustler 1,156' 81.5

Tamarisk Anhydrite 1,237' 220

Top Salt 1,457' 3227

Base Salt 4,684' 225

Lamar 4,909' 29.333

Bell Canyon 4,938' 847.67

Cherry Canyon 5,786' 1330.3

Brushy Canyon 7,116' 1624

Bone Spring Lime 8,740' 126.67

Leonard A Shale 8,867' 410

Leonard B Shale 9,277' 597

1st BS Sand 9,874' 32.333

1st BS Sand TOW 9,906' 53.333

1st BS Sand BOW 9,960' 248

2nd BS Shale 10,208'

NOTES:

Offsets:

Inga 311H

Inga 312H

Modelo 315H

RECORD WELL:

Friderick 33 Fed #513H

MAASP 2,567 psi

FOOTAGE:

Intermediate 3,564'

Vertical 4,540'

Curve 998'

Lateral 9,614'

Driller watch for transitions in formations in red

CASING DEPTHS

Surface

TBD NOV / Taurex

8" 1.83" FBH

7:8 / 5.9, 0.15 rpg,

13" NBS

Send Bit Pictures to Drig Engr after each run (both before and after cleaning)

Drig Engr: Robert Carlton

Date: 7/28/2025

Page 6 of 10

From: [Walls, Christopher](#)
To: [Immatty, Keith P](#)
Subject: Fw: [EXTERNAL] Pegasus Pad P&A 324H & 325H
Date: Friday, July 25, 2025 10:37:30 AM

FYI

Chris Walls

Sup. Petroleum Engineer
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220
575-234-2234
cwalls@blm.gov

From: Walls, Christopher <cwalls@blm.gov>
Sent: Friday, July 25, 2025 9:31 AM
To: Eric Brorman <Eric_Brorman@eogresources.com>
Cc: Robert Carlton <Robert_Carlton@eogresources.com>; Staton, Jon L <jstaton@blm.gov>; Bailey, Stephen A <sbailey@blm.gov>
Subject: Re: [EXTERNAL] Pegasus Pad P&A 324H & 325H

Eric,

You are approved to move forward with this procedure, please reach out to the on-call inspector prior to starting the plugging operations. Submit plugging sundries as a follow up to this approval within the next 5 days and please send me a note when you get those is AFMSS.

Well info:

Pegasus 3 Fed Com 324H API# 3002554805
Pegasus 3 Fed Com 325H API# 3002554623

Regards,

Chris Walls

Sup. Petroleum Engineer
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220
575-234-2234
cwalls@blm.gov

From: Eric Brorman <Eric_Brorman@eogresources.com>
Sent: Friday, July 25, 2025 8:28 AM
To: Walls, Christopher <cwalls@blm.gov>
Cc: Robert Carlton <Robert_Carlton@eogresources.com>
Subject: [EXTERNAL] Pegasus Pad P&A 324H & 325H

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hey Chris, following up on our call yesterday on these 2 wells where we were seeing communication while drilling the surfaces. Below is what we have found, and what we would like to do to plug both these wells. We would be skidding both over to new SHL on the same pad, and would not need any new surface disturbances for drilling.

Well Background

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U-Tube Plugging Job

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- Continue pumping until 50+ barrels of cement return to the surface via Pegasus 324H.
- Shut down operations and flush lines.

Let me know what you think.

Thanks,

Eric Brorman
Regulatory Engineer II
EOG Resources, Inc | Midland, TX
Mobile: (432) 556-1276
eric_brorman@eogresources.com

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 489648

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 489648
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	7/29/2025