

Well Name: PEGASUS 3 FED COM	Well Location: T24S / R32E / SEC 3 / SWSW / 32.240563 / -103.6679318	County or Parish/State: LEA / NM
Well Number: 586H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94850	Unit or CA Name:	Unit or CA Number: NMNM144087
US Well Number: 3002547257	Operator: EOG RESOURCES INCORPORATED	

Notice of Intent

Sundry ID: 2793842

Type of Submission: Notice of Intent	Type of Action: Cement Remediation
Date Sundry Submitted: 06/06/2024	Time Sundry Submitted: 08:33
Date proposed operation will begin: 10/02/2024	

**Procedure Description:** Try to establish an injection rate into the annulus. If successful do a bradenhead squeeze. If unable to inject at minimum rate of 2.5 bpm using a MAWHTP of 3,000 psi. Set RBP @ 8,000' MD; Perforate squeeze holes @ 4,860' MD; Squeeze under a packer w/ Class C cement. Drill out, Test, Retrieve RBP, return to production.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pegasus\_3\_FC\_586H\_WBD\_20240606083323.pdf

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Operator: EOG RESOURCES  
INCORPORATED

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: KAY MADDOX

Signed on: JUN 06, 2024 08:33 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DR.

City: MIDLAND

State: TX

Phone: (432) 638-8475

Email address: KAY\_MADDOX@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: 06/08/2024

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	
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

SUBMIT IN TRIPLICATE - Other instructions on page 2	
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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)	

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.

(Instructions on page 2)

## 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

### Location of Well

0. SHL: SWSW / 452 FSL / 962 FWL / TWSP: 24S / RANGE: 32E / SECTION: 3 / LAT: 32.240563 / LONG: -103.6679318 ( TVD: 0 feet, MD: 0 feet )

PPP: SWSW / 100 FSL / 1210 FWL / TWSP: 24S / RANGE: 32E / SECTION: 3 / LAT: 32.2395988 / LONG: -103.6671296 ( TVD: 11315 feet, MD: 11340 feet )

BHL: NWNW / 100 FNL / 1210 FWL / TWSP: 23S / RANGE: 32E / SECTION: 34 / LAT: 32.2680664 / LONG: -103.667138 ( TVD: 11580 feet, MD: 21799 feet )

CONFIDENTIAL

eogresources			CURRENT WELL SKETCH					SGJ		
DEPTH (E)	MARKERS (MS)	LOG/ID	LOG/ID	LOG/ID	LOG/ID	LOG/ID	LOG/ID	LOG/ID	LOG/ID	LOG/ID
2,000'	Rudler - 1,175' Tamarisk Anhydrite - 1,249' Top Salt - 1,449'	OGRIID: 7377 API: 30-025-47257 CONDUCTOR SPUD: 11/13/2021 BR SPUD: 11/27/2021 @ 01:30 hrs FRR: 12/14/2021 @ 03:00 hrs RIG: Pioneer 77	Pegasus 3 Fed Com #586H Pegasus (3rd Bone Spring Carb) Field Lea County, New Mexico	SURF: 452' FSL & 962' FWL LOC: Sec. 3 SURVEY: T-24-S, R-32-E GL: 3,653' KB: 3,679' ZERO: 25.0' AGL	LOT (ppg)	BHST (F)	MUD	HMV (ppg)	HOLE SIZE	CASING SECTION
3,000'				20" Conductor @ 118' Surface Hole @ 1,313' MD, 1,312' TVD Casing shoe @ 1,239' MD, 1,238' TVD 13-3/8" 54.5# J-55 STC Cement w/ 10.05 sx Class C + 2% Gel + 5% Salt + 1% SMS + 0.25 pps Celluloflakes (1.88 yd, 13.8 ppg), followed by 221 sx Class C + 2% CaCl + 0.25 pps Celluloflakes (1.38 yd, 14.85 ppg) Bump plug, test casing to 1,550 psi, Circ (150 bbls) 468 sx cement to surface	8.4	86	FW	9.2	17.5"	Surface Section
4,000'				BOP/INVERTERS/ROTATING HEAD-TEST BOPS W/ LONESTAR HYDROSTATIC AS PER BLM. TEST ALL RAMS, HCR, CHOKE MANIFOLD, TOP DRIVE VALVES, TIV, & INSIDE GREY TO 250 PSI LOW/10,000 PSI HIGH FOR 10 MINUTES EACH, TEST ANNULAR TO 250 PSI LOW/5,000 PSI HIGH FOR 10 MINUTES EACH, STANDPIPE BACK TO PUMPS TO 250 PSI LOW/7,000 PSI HIGH FOR 10 MINUTES EACH, TEST ROTATING HEAD/ORBIT VALVE TO 250 PSI LOW/500 PSI HIGH, R/D TESTERS, NOTE: TEST PLUG LEAKED HAD TO PULL OUT TEST PLUG, INSTALL NEW GASKET AND REINSTALL.	9.5			10.2	12-1/4"	Intermediate Section
5,000'	Base Salt - 4,870' Lamar - 4,879' Bell Canyon - 4,905'			Intermediate Hole @ 4,821' MD, 4,803' TVD Casing shoe @ 4,765' MD, 4,750' TVD Cement w/ 1,160 sx Class C + 1% MgOx-M + 5% Sodium Chloride + 1% CPT-45 (2.11 yd, 14.8 ppg), followed by 289 sx Class C + 1% MgOx-M + 10% Sodium Chloride + 0.5% D-3 (2.11 yd, 14.8 ppg) Bump plug, test casing to 1,950 psi for 30 min, Circ (161 bbls) 428 sx cement to surface	8.7	117		8.7		Production Vertical
6,000'	Cherry Canyon - 5,679'			Directional Plans: KOP @ 10,619' MD / 10,587' TVD EOC @ 11,621' MD / 11,224' TVD EOL @ 21,380' MD / 11,202' TVD 10.0"/100' Build Rate VS @ EOC 250.5' VS @ TD 10,001.4' VS Azimuth 359.63° Grid North	NA			8.7	8-3/4"	
7,000'	Brushy Canyon - 7,094'				NA			8.7	8-1/2"	Production Lateral
8,000'					NA			9.1		
9,000'	Bone Spring Lime - 8,705' Leonard A - 8,873'			Production Hole @ 21,322' MD, 11,234' TVD Casing Shoe @ 21,305' MD, 11,234' TVD 5-1/2" 20# ICYP-110, TYP BTC (MD @ 10,459' and 20,855') Cement w/ 605 sx Class C + 1% MGX-H + 10% BENTONITE GEL + 0.55% CPT-24 + 0.25% GXT + 5% ACT ONE (3.51 yd, 10.5 ppg), followed by 2,594 sx Class C + 1% MGX-H + 0.25% CPT-30 + 0.4% CPT-23 + 0.1% GXT + 0.2% CPT-23 (1.20 yd, 14.5 ppg) Bump plug, no casing test (wet shoe), Did not circ cement to surface, TOC @ 4,582' - RCBL	140					
10,000'	Leonard B - 9,272' 1st Bone Spring Sand - 9,871' 2nd Bone Spring Shale - 10,126'									
	2nd Bone Spring Sand - 10,465' 3rd Bone Spring Carb - 11,076' PTD - 11,234'									
<b>Comments:</b> • x3 Additional Bit Trips - 34 hrs NPT (\$5.57/ft) • MWD Failure - 20.5 hrs NPT (\$3.36/ft) • Motor Failure - 32.5 hrs NPT (\$5.32/ft) • ~4,250 BBLs of Lost OBM - No NPT (\$17/ft)			<b>Drig Eng:</b> E. DelValle <b>Date:</b> 12/28/2021							
<b>Directions to Location:</b> FROM THE INTERSECTION OF HWY 18 AND HWY 128 IN JAL NIM-GO WEST ON HWY 128 & GO 25.3 MILES-TURN RIGHT (NORTHWEST) ON LEASE ROAD & GO 2.2 MILES-TURN LEFT (WEST) & GO 0.4 OF A MILE-TURN RIGHT (NORTH) & GO 0.14 OF A MILE-TURN LEFT (WEST) & GO 0.5 OF A MILE-TURN LEFT (WEST) & GO 0.1 OF A MILE THROUGH EXISTING LOCATION-TURN RIGHT (WEST) & GO 0.5 OF A MILE THROUGH EXISTING LOCATION-TURN RIGHT (NORTHWEST) & GO 0.5 OF A MILE-TURN LEFT (SOUTH) & GO 0.25 OF A MILE-TURN RIGHT (SOUTHWEST) & GO 0.1 OF A MILE-TURN LEFT (WEST) & GO 0.25 OF A MILE-CONTINUE (WEST) AROUND LOCATION & GO 0.1 OF A MILE-TURN RIGHT (CONTINUE WEST) & GO 0.75 OF A MILE-TURN RIGHT (NORTH) & GO 0.1 OF A MILE-TURN LEFT (WEST) ONTO THE PEGASUS 3 FED COM #510H, #511H, #586H & #586H LOCATION.										

2/28/2022

Pegasus 3 Fed Com #586H Drilling Well Sketch (SGJ).xlsx

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 352534

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 352534
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Adequate cement volume must be pumped to achieved required tie-back and provide proper zonal isolation below the intermediate shoe.	10/2/2025
ward.rikala	CBL is required post remediation to verify proper zonal isolation.	10/2/2025