

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT, AND
COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NO. 25760



**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT, AND
COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NO. 25760

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- Exhibit C.5: Notice prepared by Holland & Hart

¹ Revised Exhibits identified by italics.

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25760	APPLICANT'S RESPONSE
Hearing Date:	February 5, 2026
Applicant	EOG Resources, Inc.
Designated Operator & OGRID (affiliation if applicable)	EOG Resources, Inc. (7377)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF EOG RESOURCES, INC. FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT, AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	None
Well Family	Vaca 24 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Upper Bone Spring
Pool Name and Pool Code:	Red Hills; Upper Bone Spring (97900)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640
Building Blocks:	40
Orientation:	North-South
Description: TRS/County	E/2 of Sections 13 and 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Y
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	Y
Proximity Defining Well: if yes, description	The completed interval for the Vaca 24 Fed Com 224H is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
Applicant's Ownership in Each Tract	See Exhibit A-4/A-5

Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1: Vaca 24 Fed Com 223H	<p>API No. Pending SHL: 678' FSL & 2410' FEL, (Unit O), Section 24, T25S, R33E BHL: 100' FNL & 2130' FEL, (Unit B), Section 13, T25S, R33E FTP: 100' FSL & 2130' FEL, Section 24, T25S, R33E LTP: 100' FNL & 2130' FEL, Section 13, T25S, R33E</p> <p>Completion Target: First Bone Spring Orientation: North/South</p>
Well #2: Vaca 24 Fed Com 224H	<p>API No. Pending SHL: 480' FSL & 1414' FEL, (Unit O), Section 24, T25S, R33E BHL: 100' FNL & 1230' FEL, (Unit A), Section 13, T25S, R33E FTP: 100' FSL & 1230' FEL, Section 24, T25S, R33E LTP: 100' FNL & 1230' FEL, Section 13, T25S, R33E</p> <p>Completion Target: First Bone Spring Orientation: North/South</p>
Well #2: Vaca 24 Fed Com 225H	<p>API No. Pending SHL: 1480' FSL & 1613' FEL, (Unit J), Section 24, T25S, R33E BHL: 100' FNL & 330' FEL, (Unit A), Section 13, T25S, R33E FTP: 100' FSL & 330' FEL, Section 24, T25S, R33E LTP: 100' FNL & 330' FEL, Section 13, T25S, R33E</p> <p>Completion Target: First Bone Spring Orientation: North/South</p>
Horizontal Well First and Last Take Points	Exhibit A-3
Completion Target (Formation, TVD and MD)	Exhibit B-8
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$12,000. See Exhibit A-2, Paragraph 18
Production Supervision/Month \$	\$1,400. See Exhibit A-2, Paragraph 18
Justification for Supervision Costs	See Exhibit A-2, Paragraph 18
Requested Risk Charge	200%. See Exhibit A-2, Paragraph 19
Notice of Hearing	
Proposed Notice of Hearing	Exhibits A-1; C-1; C-5
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2 and C-3 and C-5; A-8
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4 and C-5; A-8

Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-5
Tract List (including lease numbers and owners)	Exhibit A-4/A-5
(including lease numbers and owners) of Tracts subject to notice requirements.	NA
Pooled Parties (including ownership type)	Exhibit A-5
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-5
Chronology of Contact with Non-Joined Working Interests	Exhibit A-7
Overhead Rates In Proposal Letter	See Exhibit A-2, Paragraph 18
Cost Estimate to Drill and Complete	Exhibit A-6
Cost Estimate to Equip Well	Exhibit A-6
Cost Estimate for Production Facilities	Exhibit A-6
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-8
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-8
Well Orientation (with rationale)	Exhibit B, Paragraph 15
Target Formation	Exhibit B-2; B-4; B-6
HSU Cross Section	Exhibit B-3; B-5; B-7
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-3
Tracts	Exhibit A-5
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-5
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-1
Structure Contour Map - Subsea Depth	Exhibit B-2; B-4; B-6
Cross Section Location Map (including wells)	Exhibit B-2; B-4; B-6
Cross Section (including Landing Zone)	Exhibit B-3; B-5; B-7
Additional Information	

Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	<i>Deana M. Bennett</i>
Date:	1/28/2026 (as revised 2/19/2026)

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT
AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 25760

APPLICATION

EOG Resources, Inc. (“EOG” or “Applicant”) (OGRID No. 7377), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a 640-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation (Red Hills; Upper Bone Spring Shale [97900]) comprised of the E/2 of Sections 13 and 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted interests in this acreage. In support of this application, EOG states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Vaca 24 Fed Com 223H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 24, a first take point in the SW/4 SE/4 (Unit O) of Section 24 and a last take point in the NW/4 NE/4 (Unit B) of Section 13; **Vaca 24 Fed Com 225H** well, to be drilled from a surface location in the NW/4 SE/4 (Unit J) of Section 24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13; and **Vaca 24 Fed Com 224H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section

24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13.

3. This proposed horizontal well spacing unit will overlap the following spacing units in the Bone Spring formation:

- An existing 320-acre spacing unit underlying the W/2 SE/4 and SW/4 of Section 13 and the E/2 SE/4 of Section 14, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 13 Federal 8H (API No. 30-025-35846); and
- An existing 480-acre spacing unit underlying the SE/4 of Section 13 and the E/2 of Section 24, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 24 Federal Com 5H (API No. 30-025-40536) and Vaca 24 Federal Com 6H (API No. 30-025-40537).

4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

5. The pooling of interests in the proposed horizontal well spacing unit will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on December 4, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the proposed overlapping spacing unit;
- B. Pooling all uncommitted interests in the horizontal spacing unit and approving the initial wells thereon;
- C. Designating Applicant as operator of the overlapping horizontal spacing unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;

- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR EOG RESOURCES, INC.

CASE 25760 : **Application of EOG Resources, Inc. for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order (1) approving a 640-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation (Red Hills; Upper Bone Spring Shale [97900]) comprised of the E/2 of Sections 13 and 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted interests in this acreage. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Vaca 24 Fed Com 223H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 24, a first take point in the SW/4 SE/4 (Unit O) of Section 24 and a last take point in the NW/4 NE/4 (Unit B) of Section 13; **Vaca 24 Fed Com 225H** well, to be drilled from a surface location in the NW/4 SE/4 (Unit J) of Section 24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13; and **Vaca 24 Fed Com 224H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13. This proposed horizontal well spacing unit will overlap the following spacing units in the Bone Spring formation:

- An existing 320-acre spacing unit underlying the W/2 SE/4 and SW/4 of Section 13 and the E/2 SE/4 of Section 14, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 13 Federal 8H (API No. 30-025-35846); and
- An existing 480-acre spacing unit underlying the SE/4 of Section 13 and the E/2 of Section 24, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 24 Federal Com 5H (API No. 30-025-40536) and Vaca 24 Federal Com 6H (API No. 30-025-40537).

Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling the wells. The subject area is located approximately 8 miles north of the Texas and New Mexico border.

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT, AND
COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NO. 25760

SELF-AFFIRMED DECLARATION OF JAMES BARWIS

James Barwis hereby states and declares as follows:

1. I am over the age of 18, I am a land professional for EOG Resources, Inc. (“EOG”), and I have personal knowledge of the matters stated herein.

2. I have not previously testified before the Oil Conservation Division (“Division”). My resume is attached as **Exhibit A.9**. I received my Bachelors in Professional Land Resource Management from Western State College in May 2011. I also received a Bachelors in Business from Texas Tech University in May 2006. I have been employed by EOG for nearly 12 years. I have been a landman for 15 years. I am a member of the American Association of Petroleum Landmen and the Permian Basin Landman Association.

3. My area of responsibility at EOG includes the area of Lea County in New Mexico.

4. I am familiar with the application EOG filed in this case, which is included in the exhibit packet as **Exhibit A.1**.

5. I am familiar with the status of the lands that are subject to the application.

6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling application.

Exhibit A.2

7. The purpose of the application is to force pool only a single working interest owner and overriding royalty interest owners into the horizontal spacing unit described below, and in the wells to be drilled in the unit.

8. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells.

9. In this case, EOG seeks an order (1) approving a 640-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation (Red Hills; Upper Bone Spring Shale [97900]) comprised of the E/2 of Sections 13 and 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted interests in this acreage.

10. EOG seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Vaca 24 Fed Com 223H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 24, a first take point in the SW/4 SE/4 (Unit O) of Section 24 and a last take point in the NW/4 NE/4 (Unit B) of Section 13; **Vaca 24 Fed Com 225H** well, to be drilled from a surface location in the NW/4 SE/4 (Unit J) of Section 24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13; and **Vaca 24 Fed Com 224H** well, to be drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 24, a first take point in the SE/4 SE/4 (Unit P) of Section 24 and a last take point in the NE/4 NE/4 (Unit A) of Section 13.

11. The producing area for the wells is expected to be orthodox.

12. Attached as **Exhibit A.3** are the proposed C-102s for the wells.

13. The completed interval for the **Vaca 24 Fed Com 224H** well is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

14. **Exhibit A.4** is a lease tract map with applicable lease numbers, followed by a table showing lease tract ownership.

15. **Exhibit A.5** includes a unit tract map for the spacing unit proposed in this case, a unit recapitulation of the interest owners and percentage ownership, as well as identifying the parties to be pooled by yellow highlighting.

16. I have conducted a diligent search of the public records in the county where the well is located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification.

17. **Exhibit A.6** contains a sample well proposal letter and AFEs. The estimated cost of the wells set forth in the AFEs are fair and reasonable and comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.

18. EOG requests overhead and administrative rates of \$12,000 a month for drilling the well and \$1,400 a month for the producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. EOG requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

19. EOG requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

20. In my opinion, EOG has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells as demonstrated by the chronology of contact in **Exhibit A.7**.

21. **Exhibit A.8** identifies the owners in the proposed unit, whether they are committed or uncommitted, and, if uncommitted, the date notice was provided. The information regarding the method and date of notice was provided by counsel for EOG.

22. The parties EOG is seeking to pool were notified of this hearing. EOG seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

23. This proposed horizontal well spacing unit will overlap the following spacing units in the Bone Spring formation:

- An existing 320-acre spacing unit underlying the W/2 SE/4 and SW/4 of Section 13 and the E/2 SE/4 of Section 14, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 13 Federal 8H (API No. 30-025-35846); and
- An existing 480-acre spacing unit underlying the SE/4 of Section 13 and the E/2 of Section 24, T25S-R33E, currently dedicated to EOG, Resources Inc.'s Vaca 24 Federal Com 5H (API No. 30-025-40536) and Vaca 24 Federal Com 6H (API No. 30-025-40537).

24. EOG, through counsel, provided notice to the working interest owners in the existing wells.

25. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

26. The attachments to this self-affirmed declaration were prepared by me, or compiled from company business records, or were prepared at my direction.

27. Pursuant to Rule 1-011 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.

[Signature Page Follows]

Dated: January 28th, 2026



James Barwis

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 97900	Pool Name RED HILLS; UPPER BONE SPRING SHALE
Property Code	Property Name VACA 24 FED COM	Well Number 223H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3331'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	24	25-S	33-E	-	678' S	2410' E	N 32.1106271	W 103.5253076	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	13	25-S	33-E	-	100' N	2130' E	N 32.1375144	W 103.5243902	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API PENDING VACA 24 FED COM 224H API	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers PENDING COM			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	24	25-S	33-E	-	50' S	2130' E	N 32.1089004	W 103.5244027	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	24	25-S	33-E	-	100' S	2130' E	N 32.1090379	W 103.5244026	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	13	25-S	33-E	-	100' N	2130' E	N 32.1375144	W 103.5243902	LEA

Unitized Area or Area of Uniform Interest COM AGREEMENT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3356'
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<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p>SURVEYORS CERTIFICATION</p> <p><i>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 and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div> <p style="text-align: center;">6/9/2025 12:26:28 PM</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____ Date _____
Print Name _____	Certificate Number _____ Date of Survey 05/29/2025
E-mail Address _____	

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 97900	Pool Name RED HILLS; UPPER BONE SPRING SHALE
Property Code	Property Name VACA 24 FED COM	Well Number 224H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3331'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	24	25-S	33-E	-	480' S	1414' E	N 32.1100814	W 103.5220887	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	33-E	-	100' N	1230' E	N 32.1375055	W 103.5214827	LEA

Dedicated Acres 640.00	Infill or Defining Well DEFINING	Defining Well API ----	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers PENDING COM			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	24	25-S	33-E	-	50' S	1230' E	N 32.1088994	W 103.5214961	LEA

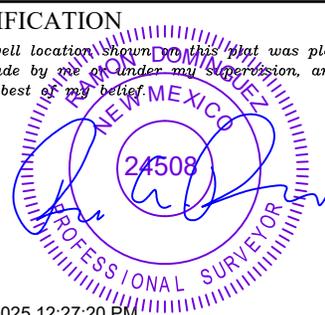
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	24	25-S	33-E	-	100' S	1230' E	N 32.1090368	W 103.5214961	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	33-E	-	100' N	1230' E	N 32.1375055	W 103.5214827	LEA

Unitized Area or Area of Uniform Interest COM AGREEMENT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3356'
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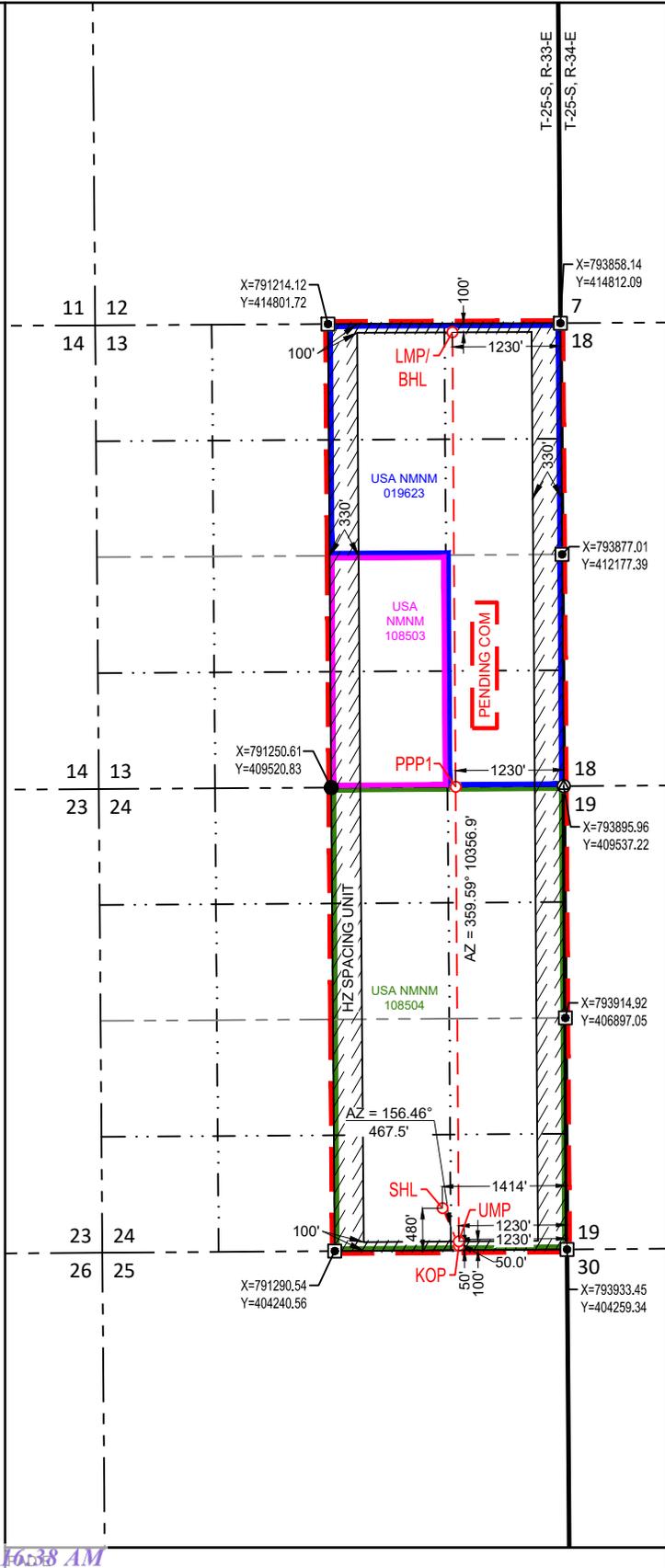
<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the mineral target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p>SURVEYORS CERTIFICATION</p> <p><i>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 and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____ Date _____
Print Name _____	Certificate Number _____ Date of Survey 05/29/2025
E-mail Address _____	

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
	Property Name and Well Number <p style="text-align: center;">VACA 24 FED COM 224H</p>		Submittal Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

SURFACE LOCATION (SHL)
 NEW MEXICO EAST
 NAD 1983
 X=792516 Y=404729
 LAT.: N 32.1100814
 LONG.: W 103.5220887
 NAD 1927
 X=751330 Y=404671
 LAT.: N 32.1099566
 LONG.: W 103.5216194
 480' FSL 1414' FEL

KICK OFF POINT (KOP)
 NEW MEXICO EAST
 NAD 1983
 X=792703 Y=404301
 LAT.: N 32.1088994
 LONG.: W 103.5214961
 NAD 1927
 X=751517 Y=404243
 LAT.: N 32.1087746
 LONG.: W 103.5210269
 50' FSL 1230' FEL

UPPER MOST PERF. (UMP)
 NEW MEXICO EAST
 NAD 1983
 X=792703 Y=404351
 LAT.: N 32.1090368
 LONG.: W 103.5214961
 NAD 1927
 X=751516 Y=404293
 LAT.: N 32.1089120
 LONG.: W 103.5210268
 100' FSL 1230' FEL



PROPOSED PERF. POINT (PPP1)
 NEW MEXICO EAST
 NAD 1983
 X=792666 Y=409530
 LAT.: N 32.1232730
 LONG.: W 103.5214894
 NAD 1927
 X=751480 Y=409472
 LAT.: N 32.1231484
 LONG.: W 103.5210194
 0' FSL 1230' FEL

LOWER MOST PERF. (LMP) BOTTOM HOLE LOCATION (BHL)
 NEW MEXICO EAST
 NAD 1983
 X=792629 Y=414707
 LAT.: N 32.1375055
 LONG.: W 103.5214827
 NAD 1927
 X=751443 Y=414649
 LAT.: N 32.1373814
 LONG.: W 103.5210102
 100' FNL 1230' FEL

SURVEYORS 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 and correct to the best of my belief.
 05/29/2025
 Date of Survey
 Signature and Seal of Professional Surveyor:

6/9/2025 12:27:20 PM

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 97900	Pool Name RED HILLS; UPPER BONE SPRING SHALE
Property Code	Property Name VACA 24 FED COM	Well Number 225H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3332'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
J	24	25-S	33-E	-	1480' S	1613' E	N 32.1128301	W 103.5227292	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	33-E	-	100' N	330' E	N 32.1374965	W 103.5185753	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API PENDING VACA 24 FED COM 224 API	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers PENDING COM			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	24	25-S	33-E	-	50' S	330' E	N 32.1088983	W 103.5185896	LEA

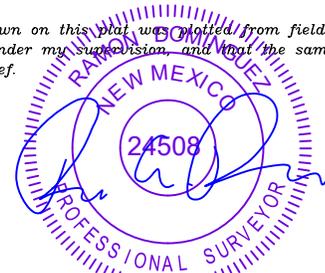
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	24	25-S	33-E	-	100' S	330' E	N 32.1090357	W 103.5185895	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	33-E	-	100' N	330' E	N 32.1374965	W 103.5185753	LEA

Unitized Area or Area of Uniform Interest COM AGREEMENT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3357'
---	--	--

<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p>SURVEYORS CERTIFICATION</p> <p><i>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 and correct to the best of my belief.</i></p> <div style="text-align: center;">  <p>6/5/2025 10:09:43 AM</p> </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____ Date _____
Print Name _____	Certificate Number _____ Date of Survey 05/29/2025
E-mail Address _____	

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal
Type:

- Initial Submittal
- Amended Report
- As Drilled

Property Name and Well Number

VACA 24 FED COM 225H

SURFACE LOCATION (SHL)

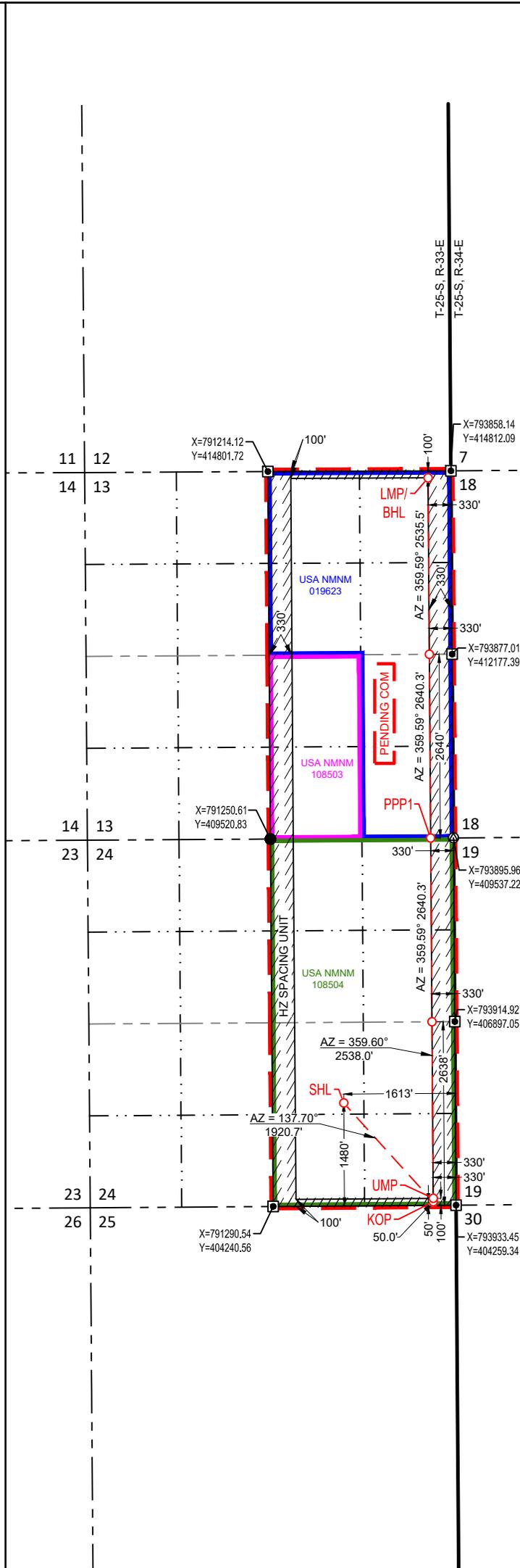
NEW MEXICO EAST
NAD 1983
X=792311 Y=405728
LAT.: N 32.1128301
LONG.: W 103.5227292
NAD 1927
X=751124 Y=405670
LAT.: N 32.1127053
LONG.: W 103.5222597
1480' FSL 1613' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=793603 Y=404307
LAT.: N 32.1088983
LONG.: W 103.5185896
NAD 1927
X=752417 Y=404249
LAT.: N 32.1087735
LONG.: W 103.5181204
50' FSL 330' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=793603 Y=404357
LAT.: N 32.1090357
LONG.: W 103.5185895
NAD 1927
X=752416 Y=404299
LAT.: N 32.1089109
LONG.: W 103.5181203
100' FSL 330' FEL



PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=793566 Y=409535
LAT.: N 32.1232697
LONG.: W 103.5185819
NAD 1927
X=752380 Y=409477
LAT.: N 32.1231451
LONG.: W 103.5181120
0' FNL 330' FEL

**LOWER MOST PERF. (LMP)
BOTTOM HOLE LOCATION (BHL)**

NEW MEXICO EAST
NAD 1983
X=793529 Y=414711
LAT.: N 32.1374965
LONG.: W 103.5185753
NAD 1927
X=752343 Y=414653
LAT.: N 32.1373724
LONG.: W 103.5181029
100' FNL 330' FEL

SURVEYORS 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 and correct to the best of my belief.
05/29/2025

Date of Survey
Signature and Seal of Professional Surveyor:



6/5/2025 10:09:44 AM

NWNW D	NEWV C	NWNE B	NENE A
SWNW E	SEWV F	Tract 1	
NWSW L	NEWS K	T25S R33E	
		Tract 2	
SWSW M	SESW N	SWSE O	SESE P 1
NWNW D	NEWV C	NWNE B	NENE A
SWNW E	SEWV F	SWNE G	SENE H
	Tract 3		
NWSW L	NEWS K	T25S R33E	
SWSW M	SESW N	SWSE O	SESE P 2

Vaca 24 Fed Com

0009842/000
USA NMNM-19623

0087135/000
USA NMNM-108503

0087129/000 USA
NMNM-108504



Exhibit A.4

Ownership

Owner Name:	Type	Tract	Depths
United States of America	RI	1	<i>All Depths</i>
The Beveridge Company	OR	1	<i>All Depths</i>
Armadillo Prego	OR	1	<i>All Depths</i>
Zia Royalty, LLC	OR	1	<i>All Depths</i>
EOG Resources, Inc.	WI	1	<i>All Depths</i>
TOTAL:			
United States of America	RI	2	<i>All Depths</i>
The Beveridge Company	OR	2	<i>All Depths</i>
Armadillo Prego	OR	2	<i>All Depths</i>
Zia Royalty, LLC	OR	2	<i>All Depths</i>
EOG Resources, Inc.	WI	2	<i>All Depths</i>
TOTAL:			
United States of America	RI	3	<i>All Depths</i>
Fortis Minerals II, LLC	OR	3	<i>All Depths</i>
A. G. Andrikopoulos Resources, Inc.	OR	3	<i>All Depths</i>
Pegasus Resources, LLC	OR	3	<i>All Depths</i>
SMP Sidecar Titan Mineral Holdings, LP	OR	3	<i>All Depths</i>
SMP Titan Mineral Holdings, LP	OR	3	<i>All Depths</i>
MSH Family Real Estate Partnership II, LLC	OR	3	<i>All Depths</i>
SMP Titan Flex, LP	OR	3	<i>All Depths</i>
The James W. and Estelle C. Haeefele Revocable Trust	OR	3	<i>All Depths</i>
Heart Five, LLC	OR	3	<i>All Depths</i>
EOG Resources, Inc.	WI	3	<i>All Depths</i>
TOTAL:			

TRACT 1: 400 acres, more or less, being the North Half (N/2) and East Half Southeast Quarter (E/2 SE/4) of Section 13, Township 25 South, Range 33 East, N.M

TRACT 2: 240 acres, more or less, being the Southwest Quarter (SW/4) and West Half Southeast Quarter (W/2 SE/4) of Section 13, Township 25 South, Range

NWNW D	NEWV C	NWNE B	NENE A
SWNW E	SEWV F	Tract 1	
T25S R33E		NWSE J	NESE I
SWSW M	SESW N	Tract 2	
NWNW D	NEWV C	NWNE B	NENE A
SWNW E	SEWV F	Tract 3	
T25S R33E		NWSE J	NESE I
SWSW M	SESW N	SWSE O	SESE P

Vaca 24 Fed Com

0009842/000
USA NMNM-19623

0087135/000
USA NMNM-108503

0087129/000 USA
NMNM-108504

E2 Unit Ownership -
Bonespring - Vaca Well
Package



Exhibit A.5

Vaca 24 Fed Com Unit Ownership

Owner Name:	Pooling Comments for OCD	Type	Tract	Depths	Mineral Interest	Working Interest
United States of America		RI	1 - 3	Bone Spring	1.00000000	
The Beveridge Company	Pool	OR	1 & 2	Bone Spring		
Armadillo Prego	Pool	OR	1 & 2	Bone Spring		
Zia Royalty, LLC	Pool	OR	1 & 2	Bone Spring		
Fortis Minerals II, LLC	Pool	OR	3	Bone Spring		
A. G. Andrikopoulos Resources, Inc.	Pool	OR	3	Bone Spring		
Pegasus Resources, LLC	Pool	OR	3	Bone Spring		
SMP Sidecar Titan Mineral Holdings, LP	Pool	OR	3	Bone Spring		
SMP Titan Mineral Holdings, LP	Pool	OR	3	Bone Spring		
MSH Family Real Estate Partnership II, LLC	Pool	OR	3	Bone Spring		
SMP Titan Flex, LP	Pool	OR	3	Bone Spring		
The James W. and Estelle C. Haefele Revocable Trust	Pool	OR	3	Bone Spring		
Heart Five, LLC	Pool	OR	3	Bone Spring		
EOG Resources, Inc.	Operator	WI	1 - 3	Bone Spring		0.97871350
Ellipsis Oil & Gas, Inc.	JOA	WI	1	Bone Spring		0.00309534
NHPP Permian, LLC	JOA	WI	1	Bone Spring		0.00309534
FR Energy, LLC	JOA	WI	1	Bone Spring		0.00154767
Chevron Midcontinent, L.P.	JOA	WI	1	Bone Spring		0.01170964
Syghan, LP	JOA	WI	1	Bone Spring		0.00036770
Judith A. West, a/k/a Judy Reynolds West	Pool	WI	1	Bone Spring		0.00147081
TOTAL:					1.00000000	1.00000000

TRACT 1: 240 acres, more or less, being the Northeast Quarter (NE/4) and East Half Southeast Quarter (E/2 SE/4) of Section 13, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico

TRACT 2: 80 acres, more or less, being the West Half Southeast Quarter (W/2 SE/4) of Section 13, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico

TRACT 3: 320 acres, more or less, being the East Half (E/2) of Section 24, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico

RI = Royalty Interest
ORRI = Overriding Royalty Interest
WI = Working Interest



5509 Champions Dr., Midland, Texas 79706
Phone: (432) 686-3600 Fax: (432) 686-3773

August 29, 2025

Sent via email to:
mshearnoil@gmail.com

Judith A. West
PO Box 1948
Cullman, AL 35056

Via Certified Mail:

RE: **Vaca 24 Fed Com Proposals**
Township 25 South, Range 33 East
Sections 13 & 24: E/2
Lea County, New Mexico

Dear Judith,

EOG Resources, Inc. ("EOG") hereby proposes the drilling and completion of the following horizontal 2 mile Bone Spring wells under Operating Agreement dated October 1, 2024. Also included in this proposal is an amendment to said JOA regarding changes to Exhibit A for additional contract areas and depth restrictions. Please send back executed amendment with signed elections.

Well Name	Surface Location Sec. 24, T25S, R33E	Bottom Hole Location Sec. 13, T25S, R33E	TVD	MD	Estimated Spud Date
Vaca 24 Fed Com #223H	678' FSL & 2410' FEL	100' FNL & 2130' FEL	10,130'	20,040'	9/20/2025
Vaca 24 Fed Com #224H	480' FSL & 1414' FEL	100' FNL & 1230' FEL	10,130'	20,130'	10/27/2025
Vaca 24 Fed Com #225H	1480' FSL & 1613' FEL	100' FNL & 330' FEL	10,130'	20,040'	10/21/2025
Vaca 24 Fed Com #313H	574' FSL & 2367' FWL	100' FNL & 2580' FEL	10,290'	20,200'	10/5/2025
Vaca 24 Fed Com #314H	678' FSL & 2365' FEL	100' FNL & 1680' FEL	10,290'	20,200'	9/13/2025
Vaca 24 Fed Com #315H	480' FSL & 2369' FEL	100' FNL & 780' FEL	10,290'	20,200'	10/12/2025
Vaca 24 Fed Com #414H	589' FSL & 2367' FWL	100' FNL & 2130' FEL	10,650'	20,650'	9/27/2025
Vaca 24 Fed Com #415H	480' FSL & 1399' FEL	100' FNL & 1230' FEL	10,650'	20,650'	9/28/2025
Vaca 24 Fed Com #416H	1480' FSL & 1580' FEL	100' FNL & 330' FEL	10,650'	20,500'	10/7/2025
Vaca 24 Fed Com #513H	574' FSL & 2202' FWL	100' FNL & 2580' FEL	10,920'	20,830'	10/12/2025
Vaca 24 Fed Com #514H	678' FSL & 2380' FEL	100' FNL & 1680' FEL	10,920'	20,830'	9/5/2025
Vaca 24 Fed Com #515H	480' FSL & 1354' FEL	100' FNL & 780' FEL	10,920'	20,830'	10/19/2025
Vaca 24 Fed Com #524H	604' FSL & 2367' FWL	100' FNL & 2130' FEL	10,920'	20,830'	9/20/2025
Vaca 24 Fed Com #525H	480' FSL & 1354' FEL	100' FNL & 1230' FEL	11,250'	21,160'	10/5/2025
Vaca 24 Fed Com #526H	1479' FSL & 1547' FEL	100' FNL & 330' FEL	11,250'	21,160'	10/14/2025
Vaca 24 Fed Com #583H	544' FSL & 2367' FWL	100' FNL & 2580' FEL	11,500'	21,500'	10/20/2025
Vaca 24 Fed Com #584H	678' FSL & 2395' FEL	100' FNL & 1680' FEL	11,600'	21,600'	9/27/2025
Vaca 24 Fed Com #586H	1479' FSL & 1514' FEL	100' FNL & 780' FEL	11,500'	21,500'	10/28/2025
Vaca 24 Fed Com #601H	480' FSL & 1339' FWL	100' FNL & 1320' FEL	11,800'	21,710'	11/3/2025

Enclosed for your review are Drilling & Completion, AL, and Well Location and Acreage Dedication Plats. Note that these AFEs and provided costs are estimates only and actual costs may be more or less than the

amount provided herein. Further, an election to participate in a well is also an election to participate in such well's artificial lift and facility. Separate AFEs are solely for administrative purposes.

The spacing units associated with the proposed wells will be as follows for Contract Area 2 per the Amendment to the JOA:

Sections 13 & 24, T25S, R33E, Lea County, New Mexico, containing 640.00 acres, more or less, as to the Bone Spring formation.

Please indicate your decision to participate in the drilling, completing and equipping the proposed wells by executing and returning one copy of this letter and the enclosed AFEs.

Please feel free to call or email with any questions or if you would like to discuss the enclosed proposals.

Sincerely,

James Barwis

James Barwis
Sr. Landman – Midland Division
(432) 425-1204
James_Barwis@eogresources.com

RE: **Vaca 24 Fed Com Proposals**
Township 25 South, Range 33 East
Sections 13 & 24: E/2
Lea County, New Mexico

Vaca 24 Fed Com #223H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #223H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #223H well.

Vaca 24 Fed Com #224H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #224H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #224H well.

Vaca 24 Fed Com #225H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #225H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #225H well.

Vaca 24 Fed Com #313H

The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #313H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #313H well.

Vaca 24 Fed Com #314H

The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #314H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #314H well.

Vaca 24 Fed Com #315H

The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #315H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #315H well.

Vaca 24 Fed Com #414H

The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #414H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #414H well.

Vaca 24 Fed Com #415H

The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #415H well, along with artificial lift and CTB expansion.

The undersigned hereby elects NOT to participate in the above-proposed operation for the Vaca 24 Fed Com #415H well.

Vaca 24 Fed Com #416H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #416H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #416H well.

Vaca 24 Fed Com #513H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #513H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #513H well.

Vaca 24 Fed Com #514H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #514H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #514H well.

Vaca 24 Fed Com #515H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #515H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #515H well.

Vaca 24 Fed Com #524H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #524H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #524H well.

Vaca 24 Fed Com #525H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #525H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #525H well.

Vaca 24 Fed Com #526H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #526H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #526H well.

Vaca 24 Fed Com #583H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #583H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #583H well.

Vaca 24 Fed Com #584H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #584H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #584H well.

Vaca 24 Fed Com #586H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #586H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #586H well.

Vaca 24 Fed Com #601H

_____ The undersigned hereby elects to participate in the above-proposed operation for the Vaca 24 Fed Com #601H well, along with artificial lift and CTB expansion.

_____ The undersigned hereby elects **NOT** to participate in the above-proposed operation for the Vaca 24 Fed Com #601H well.

Judith A. West

By: _____

Title: _____

Date: _____



5509 Champions Dr., Midland, Texas 79706
Phone: (432) 686-3600 Fax: (432) 686-3773



MIDLAND		Printed: 08/05/2025
AFE No.	188906	Original
Property No.	146337-000	
EOG W.I.(BCP)	98.5809%	(ACP) 98.5809%
EOG AFE Amt:	(Drig)	\$0
	(Land)	\$0
	(Completion)	\$0
	(Facility)	\$152,339
	(Flowback)	\$0
	Total Cost	\$152,339

AFE Type: ART LIFT - PU, GAS LIFT, ESP	AFE Name: VACA 24 FED COM #223H AL	AFE Date: 06/03/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 678 S & 2410 E, Lat 32.1105023 Long -103.5248381, X=750332 Y=404863		BHLocation:	
Formation:		DD&A Field:LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #223H AL - FIRST INSTALL ARTIFICIAL LIFT			Product:OAG Days : 0 / 0
AFE Name VACA 24 FED COM #223H AL		AFE NO.188906	

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
TOTAL INTANGIBLES		\$0	\$0	\$0	\$0	\$0	\$0

	UOM	QTY	SIZE	GRADE	RATE						
COMP-FAC-TUBING					106	0	0	0	91,532	0	91,532
COMP-FAC-WELLHEAD EQUIPMENT					107	0	0	0	1,000	0	1,000
COMP-FAC-PUMP EQUIP/SURFACE					112	0	0	0	3,000	0	3,000
COMP-FAC-PUMP EQUIP/SUBSURFAC					113	0	0	0	12,000	0	12,000
COMP-FAC-METERING EQUIPMENT					118	0	0	0	11,000	0	11,000
COMP-FAC-WATER					407	0	0	0	4,000	0	4,000
COMP-FAC-TRANSPORTATION					415	0	0	0	4,000	0	4,000
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	15,000	0	15,000
COMP-FAC-RIG					418	0	0	0	8,000	0	8,000
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,000	0	1,000
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	2,000	0	2,000
COMP-FAC-CONTRACT LABOR					446	0	0	0	2,000	0	2,000
TOTAL TANGIBLES						\$0	\$0	\$0	\$154,532	\$0	\$154,532
TOTAL COST						\$0	\$0	\$0	\$154,532	\$0	\$154,532

By	Date	By	Date
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JOINT OPERATOR APPROVAL

Firm:	By	Title	Date
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MIDLAND		Printed: 08/05/2025
AFE No.	188885	Original
Property No.	146337-000	
EOG W.I.(BCP)	98.5809%	(ACP) 98.5809%
EOG AFE Amt:	(Drig)	\$2,736,606
	(Land)	\$52,401
	(Completion)	\$3,929,681
	(Facility)	\$349,469
	(Flowback)	\$215,991
	Total Cost	\$7,284,148

AFE Type: DEVELOPMENT DRILLING	AFE Name: VACA 24 FED COM #223H D&C	AFE Date: 06/03/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD 10130 / 20040	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 678 S & 2410 E, Lat 32.1105023 Long -103.5248381, X=750332 Y=404863		BHLocation: BH(LATERAL #1): Section 13-T25S-R33E, 100 N & 2130 E, Lat 32.1373903 Long -103.5239176, X=750543 Y=414646	
Formation:		DD&A Field:LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #223H D&C			Product:OAG Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION,ROADS&SURVEY	401	72,000	0	19,000	0	0	91,000
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	6,500	6,500
RIG MOVE	402	97,000	0	0	0	0	97,000
DAY WORK COST	404	363,000	0	0	0	0	363,000
BITS & BHA	405	80,000	0	0	0	0	80,000
COMP-BITS & PHA	405	0	0	17,000	0	0	17,000
COMP-FUEL	406	0	0	151,000	0	2,500	153,500
FUEL	406	72,000	0	0	0	0	72,000
WATER 493,000 @ \$1.1	407	11,000	0	542,300	0	0	553,300
COMP-FLBK-CHEMICALS	408	0	0	0	0	6,000	6,000
MUD & CHEMICALS	408	295,000	0	0	0	0	295,000
CEMENTING & SERVICE	409	185,000	0	0	0	0	185,000
COMP- PERFORATING	413	0	0	300,000	0	0	300,000
COMP- STIMULATION	414	0	0	1,368,000	0	0	1,368,000
COMP-FAC-TRANSPORTATION	415	0	0	22,000	0	2,200	24,200
TRANSPORTATION	415	45,000	0	0	0	0	45,000
COMP-Completion Overhead	416	0	0	10,000	0	0	10,000
DRILLING OVERHEAD	416	9,000	0	0	0	0	9,000
COMP-EQUIPMENT RENTAL	417	0	0	166,000	0	0	166,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	69,000	0	0	0	20,000	89,000
OTHER DRILLING EXPENSE	419	13,000	0	0	0	0	13,000
COMP-FLBK-ENVIRONMENTAL & SAFETY	421	0	0	20,000	0	1,000	21,000
ENVIRONMENTAL & SAFETY	421	10,000	0	0	0	0	10,000
DIRECTIONAL DRILLING	422	176,000	0	0	0	0	176,000
COMP- SUPERVISION	424	0	0	82,000	0	0	82,000
SUPERVISION	424	58,000	0	0	0	0	58,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	39,000	0	0	0	0	39,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	6,000	0	0	6,000
SPECIALTY SERVICES	441	94,000	0	0	0	0	94,000
COMP-COIL TUBING/NITROGEN	445	0	0	72,000	0	0	72,000
COMP-FLBK-CONTRACT LABOR	446	0	0	15,000	0	16,500	31,500
FLBK-DISPOSAL COSTS	447	116,000	0	16,000	0	125,400	257,400
COMP-COMPLETION FLUIDS	448	0	0	10,000	0	0	10,000
COMP-FLOWBACK	465	0	0	19,000	0	27,500	46,500
COMP-FLBK-SOLID WASTE DISPOSAL	479	0	0	0	0	5,000	5,000
COMP-LAND DRILLSITE TITLE OPINION	480	0	15,000	0	0	0	15,000
COMP-LAND ROW DRILLING	482	0	3,000	0	0	0	3,000
COMP-LAND ROW COMPLETION	483	0	3,000	0	0	0	3,000
COMP-LAND SURVEY & DAMAGES DRILL	484	0	8,000	0	0	0	8,000
COMP-LAND SURVEY AND DAMAGES COMP	485	0	8,000	0	0	0	8,000
COMP-PERMIT FEE/ENV SURV&ASSESS	486	0	4,000	0	0	0	4,000
COMP-REGULATORY	487	0	12,155	0	0	0	12,155
COMP-COMPLETIONS SAND \$0.043 24,650,000 @	497	0	0	1,059,950	0	0	1,059,950
TOTAL INTANGIBLES		\$1,804,000	\$53,155	\$3,898,250	\$0	\$212,600	\$5,968,005

	UOM	QTY	SIZE	GRADE	RATE						
SURFACE CASING					102	44,000	0	0	0	44,000	
INTERMEDIATE CASING					103	240,000	0	0	0	240,000	
PRODUCTION CASING					104	641,000	0	0	0	641,000	
WELLHEAD EQUIPMENT					107	47,000	0	87,000	0	134,000	
COMP-FAC-FLOW LINES					109	0	0	0	73,000	73,000	
COMP-FAC-VALVES & FITTINGS					110	0	0	0	20,000	20,000	
COMP-VALVES & FITTINGS					110	0	0	1,000	0	7,500	
COMP-FAC-HEATERS,TREATRS,SEPRS					115	0	0	0	131,000	131,000	
COMP-FAC-METERING EQUIPMENT					118	0	0	0	25,000	25,000	
COMP-FAC-CONSTRUCTION COST					122	0	0	0	88,000	88,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA					124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC EQUIP					128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION					415	0	0	0	3,000	3,000	
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	2,000	2,000	
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,500	1,500	
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	1,000	1,000	
COMP-FAC-ELECTRICAL LABOR					471	0	0	0	4,000	4,000	
TOTAL TANGIBLES						\$972,000	\$0	\$88,000	\$354,500	\$6,500	\$1,421,000
TOTAL COST						\$2,776,000	\$53,155	\$3,986,250	\$354,500	\$219,100	\$7,389,005

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm:	By	Title	Date



MIDLAND		Printed: 08/05/2025
AFE No.	188907	Original
Property No.	146338-000	
EOG W.I.(BCP)	98.5809%	(ACP) 98.5809%
EOG AFE Amt:	(Drig)	\$0
	(Land)	\$0
	(Completion)	\$0
	(Facility)	\$152,339
	(Flowback)	\$0
	Total Cost	\$152,339

AFE Type: ART LIFT - PU, GAS LIFT, ESP	AFE Name: VACA 24 FED COM #224H AL	AFE Date: 06/03/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD 10130 / 20130	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 480 S & 1414 E, Lat 32.1099566 Long -103.5216194, X=751330 Y=404671		BHLocation: BH(LATERAL #1): Section 13-T25S-R33E, 100 N & 1230 E, Lat 32.1373814 Long -103.5210102, X=751443 Y=414649	
Formation:		DD&A Field: LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #224H AL			Product: OAG Days : 0 / 0
AFE Name VACA 24 FED COM #224H AL		AFE NO. 188907	

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
TOTAL INTANGIBLES		\$0	\$0	\$0	\$0	\$0	\$0

	UOM	QTY	SIZE	GRADE	RATE						
COMP-FAC-TUBING					106	0	0	0	91,532	0	91,532
COMP-FAC-WELLHEAD EQUIPMENT					107	0	0	0	1,000	0	1,000
COMP-FAC-PUMP EQUIP/SURFACE					112	0	0	0	3,000	0	3,000
COMP-FAC-PUMP EQUIP/SUBSURFAC					113	0	0	0	12,000	0	12,000
COMP-FAC-METERING EQUIPMENT					118	0	0	0	11,000	0	11,000
COMP-FAC-WATER					407	0	0	0	4,000	0	4,000
COMP-FAC-TRANSPORTATION					415	0	0	0	4,000	0	4,000
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	15,000	0	15,000
COMP-FAC-RIG					418	0	0	0	8,000	0	8,000
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,000	0	1,000
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	2,000	0	2,000
COMP-FAC-CONTRACT LABOR					446	0	0	0	2,000	0	2,000
TOTAL TANGIBLES						\$0	\$0	\$0	\$154,532	\$0	\$154,532
TOTAL COST						\$0	\$0	\$0	\$154,532	\$0	\$154,532

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm:	By	Title	Date



MIDLAND		Printed: 08/05/2025
AFE No.	188886	Original
Property No.	146338-000	
EOG W.I.(BCP)	98.5809%	(ACP) 98.5809%
EOG AFE Amt:	(Drig)	\$2,763,947
	(Land)	\$57,823
	(Completion)	\$3,703,931
	(Facility)	\$395,802
	(Flowback)	\$176,657
	Total Cost	\$7,098,160

AFE Type: DEVELOPMENT DRILLING	AFE Name: VACA 24 FED COM #224H D&C	AFE Date: 07/31/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 480 S & 1414 E, Lat 32.1099566 Long -103.5216194, X=751330 Y=404671		BHLocation:	
Formation:		DD&A Field:LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #224H D&C			Product:OAG Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION,ROADS&SURVEY	401	40,000	0	19,000	0	0	59,000
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	6,500	6,500
RIG MOVE	402	67,500	0	0	0	0	67,500
DAY WORK COST	404	456,750	0	0	0	0	456,750
BITS & BHA	405	90,400	0	0	0	0	90,400
COMP-BITS & PHA	405	0	0	17,000	0	0	17,000
COMP-FUEL	406	0	0	147,000	0	2,500	149,500
FUEL	406	88,544	0	0	0	0	88,544
WATER 493,000 @ \$1.1	407	12,000	0	542,300	0	0	554,300
COMP-FLBK-CHEMICALS	408	0	0	0	0	6,000	6,000
MUD & CHEMICALS	408	280,000	0	0	0	0	280,000
CEMENTING & SERVICE	409	162,500	0	0	0	0	162,500
COMP- PERFORATING	413	0	0	322,000	0	0	322,000
COMP- STIMULATION	414	0	0	1,120,000	0	0	1,120,000
COMP-FAC-TRANSPORTATION	415	0	0	22,000	0	2,200	24,200
TRANSPORTATION	415	40,000	0	0	0	0	40,000
COMP-Completion Overhead	416	0	0	10,000	0	0	10,000
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	167,000	0	0	167,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	126,585	0	0	0	20,000	146,585
OTHER DRILLING EXPENSE	419	15,000	0	0	0	0	15,000
COMP-FLBK-ENVIRONMENTAL & SAFETY	421	0	0	20,000	0	1,000	21,000
ENVIRONMENTAL & SAFETY	421	10,601	0	0	0	0	10,601
DIRECTIONAL DRILLING	422	216,950	0	0	0	0	216,950
COMP- SUPERVISION	424	0	0	82,000	0	0	82,000
SUPERVISION	424	65,250	0	0	0	0	65,250
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	50,000	0	0	0	0	50,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	6,000	0	0	6,000
SPECIALTY SERVICES	441	99,180	0	0	0	0	99,180
COMP-COIL TUBING/NITROGEN	445	0	0	72,000	0	0	72,000
COMP-FLBK-CONTRACT LABOR	446	0	0	15,000	0	16,500	31,500
FLBK-DISPOSAL COSTS	447	105,000	0	16,000	0	85,500	206,500
COMP-COMPLETION FLUIDS	448	0	0	10,000	0	0	10,000
COMP-FLOWBACK	465	0	0	19,000	0	27,500	46,500
COMP-FLBK-SOLID WASTE DISPOSAL	479	0	0	0	0	5,000	5,000
COMP-LAND DRILLSITE TITLE OPINION	480	0	15,000	0	0	0	15,000
WATER - DIRECT PURCHASE	481	9,500	0	0	0	0	9,500
COMP-LAND ROW DRILLING	482	0	3,750	0	0	0	3,750
COMP-LAND ROW COMPLETION	483	0	3,750	0	0	0	3,750
COMP-LAND SURVEY & DAMAGES DRILL	484	0	10,000	0	0	0	10,000
COMP-LAND SURVEY AND DAMAGES COMP	485	0	10,000	0	0	0	10,000
COMP-PERMIT FEE/ENV SURV&ASSESS	486	0	4,000	0	0	0	4,000
COMP-REGULATORY	487	0	12,155	0	0	0	12,155
COMP-COMPLETIONS SAND \$0.043 24,650,000 @	497	0	0	1,059,950	0	0	1,059,950
TOTAL INTANGIBLES		\$1,940,760	\$58,655	\$3,669,250	\$0	\$172,700	\$5,841,365

	UOM	QTY	SIZE	GRADE	RATE						
SURFACE CASING					102	34,500	0	0	0	0	34,500
INTERMEDIATE CASING					103	197,600	0	0	0	0	197,600
PRODUCTION CASING					104	575,875	0	0	0	0	575,875
WELLHEAD EQUIPMENT					107	55,000	0	87,000	0	0	142,000
COMP-FAC-FLOW LINES					109	0	0	0	102,000	0	102,000
COMP-FAC-VALVES & FITTINGS					110	0	0	0	20,000	0	20,000
COMP-VALVES & FITTINGS					110	0	0	1,000	0	6,500	7,500
COMP-FAC-HEATERS, TREATRS, SEPRS					115	0	0	0	131,000	0	131,000
COMP-FAC-METERING EQUIPMENT					118	0	0	0	25,000	0	25,000
COMP-FAC-CONSTRUCTION COST					122	0	0	0	106,000	0	106,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA					124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC EQUIP					128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION					415	0	0	0	3,000	0	3,000
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	2,000	0	2,000
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,500	0	1,500
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	1,000	0	1,000
COMP-FAC-ELECTRICAL LABOR					471	0	0	0	4,000	0	4,000
TOTAL TANGIBLES						\$862,975	\$0	\$88,000	\$401,500	\$6,500	\$1,358,975
TOTAL COST						\$2,803,735	\$58,655	\$3,757,250	\$401,500	\$179,200	\$7,200,340

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm:	By	Title	Date



MIDLAND		Printed: 08/05/2025
AFE No.	188908	Original
Property No.	146339-000	
EOG W.I.(BCP)	100%	(ACP) 100%
EOG AFE Amt:	(Drig)	\$0
	(Land)	\$0
	(Completion)	\$0
	(Facility)	\$154,532
	(Flowback)	\$0
	Total Cost	\$154,532

AFE Type: ART LIFT - PU, GAS LIFT, ESP	AFE Name: VACA 24 FED COM #225H AL	AFE Date: 06/03/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 1480 S & 1613 E, Lat 32.1127053 Long -103.5222597, X=751124 Y=405670		BHLocation:	
Formation:		DD&A Field:LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #225H AL - FIRST INSTALL ARTIFICIAL LIFT			Product:OAG Days : 0 / 0
AFE Name VACA 24 FED COM #225H AL		AFE NO.188908	

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
TOTAL INTANGIBLES		\$0	\$0	\$0	\$0	\$0	\$0

	UOM	QTY	SIZE	GRADE	RATE						
COMP-FAC-TUBING					106	0	0	0	91,532	0	91,532
COMP-FAC-WELLHEAD EQUIPMENT					107	0	0	0	1,000	0	1,000
COMP-FAC-PUMP EQUIP/SURFACE					112	0	0	0	3,000	0	3,000
COMP-FAC-PUMP EQUIP/SUBSURFAC					113	0	0	0	12,000	0	12,000
COMP-FAC-METERING EQUIPMENT					118	0	0	0	11,000	0	11,000
COMP-FAC-WATER					407	0	0	0	4,000	0	4,000
COMP-FAC-TRANSPORTATION					415	0	0	0	4,000	0	4,000
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	15,000	0	15,000
COMP-FAC-RIG					418	0	0	0	8,000	0	8,000
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,000	0	1,000
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	2,000	0	2,000
COMP-FAC-CONTRACT LABOR					446	0	0	0	2,000	0	2,000
TOTAL TANGIBLES						\$0	\$0	\$0	\$154,532	\$0	\$154,532
TOTAL COST						\$0	\$0	\$0	\$154,532	\$0	\$154,532

By	Date	By	Date
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JOINT OPERATOR APPROVAL

Firm:	By	Title	Date
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MIDLAND		Printed: 08/05/2025
AFE No.	188887	Original
Property No.	146339-000	
EOG W.I.(BCP)	100%	(ACP) 100%
EOG AFE Amt:	(Drig)	\$2,780,000
	(Land)	\$48,280
	(Completion)	\$4,011,250
	(Facility)	\$342,500
	(Flowback)	\$219,100
	Total Cost	\$7,401,130

AFE Type: DEVELOPMENT DRILLING	AFE Name: VACA 24 FED COM #225H D&C	AFE Date: 06/03/2025	Budget Year: 2025
Reg. Lease No.	Prospect Name RED HILLS CENTRAL	TVD/MD 10130 / 20040	Begin Date:
Surface Hole Location: Section 24-T25S-R33E, 1480 S & 1613 E, Lat 32.1127053 Long -103.5222597, X=751124 Y=405670		BHLocation: BH(LATERAL #1): Section 13-T25S-R33E, 100 N & 330 E, Lat 32.1373724 Long -103.5181029, X=752343 Y=414653	
Formation:		DD&A Field:LEONARD SHALE	
Operator: EOG RESOURCES INC	County & State: LEA / NEW MEXICO	Field: UNASSIGNED	Water Depth:
AFE Description: VACA 24 FED COM #225H D&C			Product:OAG Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION,ROADS&SURVEY	401	36,892	0	19,000	0	0	55,892
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	6,500	6,500
RIG MOVE	402	94,318	0	0	0	0	94,318
DAY WORK COST	404	357,865	0	0	0	0	357,865
BITS & BHA	405	97,222	0	0	0	0	97,222
COMP-BITS & PHA	405	0	0	17,000	0	0	17,000
COMP-FUEL	406	0	0	127,000	0	2,500	129,500
FUEL	406	66,198	0	0	0	0	66,198
WATER 493,000 @ \$1.1	407	11,686	0	542,300	0	0	553,986
COMP-FLBK-CHEMICALS	408	0	0	0	0	6,000	6,000
MUD & CHEMICALS	408	323,648	0	0	0	0	323,648
CEMENTING & SERVICE	409	222,554	0	0	0	0	222,554
COMP- PERFORATING	413	0	0	329,000	0	0	329,000
COMP- STIMULATION	414	0	0	1,388,000	0	0	1,388,000
COMP-FAC-TRANSPORTATION	415	0	0	22,000	0	2,200	24,200
TRANSPORTATION	415	34,400	0	0	0	0	34,400
COMP-Completion Overhead	416	0	0	10,000	0	0	10,000
DRILLING OVERHEAD	416	5,096	0	0	0	0	5,096
COMP-EQUIPMENT RENTAL	417	0	0	166,000	0	0	166,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	52,609	0	0	0	20,000	72,609
OTHER DRILLING EXPENSE	419	9,102	0	0	0	0	9,102
COMP-FLBK-ENVIRONMENTAL & SAFETY	421	0	0	20,000	0	1,000	21,000
ENVIRONMENTAL & SAFETY	421	5,802	0	0	0	0	5,802
DIRECTIONAL DRILLING	422	230,346	0	0	0	0	230,346
COMP- SUPERVISION	424	0	0	82,000	0	0	82,000
SUPERVISION	424	49,882	0	0	0	0	49,882
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	76,825	0	0	0	0	76,825
COMP-CASED HOLE LOGGING/TEST	438	0	0	6,000	0	0	6,000
SPECIALTY SERVICES	441	98,960	0	0	0	0	98,960
COMP-COIL TUBING/NITROGEN	445	0	0	72,000	0	0	72,000
COMP-FLBK-CONTRACT LABOR	446	0	0	15,000	0	16,500	31,500
FLBK-DISPOSAL COSTS	447	126,987	0	16,000	0	125,400	268,387
COMP-COMPLETION FLUIDS	448	0	0	10,000	0	0	10,000
INCENTIVE & RETENTION PROGRAM	464	20,655	0	0	0	0	20,655
COMP-FLOWBACK	465	0	0	19,000	0	27,500	46,500
COMP-FLBK-SOLID WASTE DISPOSAL	479	0	0	0	0	5,000	5,000
COMP-LAND DRILLSITE TITLE OPINION	480	0	8,000	0	0	0	8,000
WATER - DIRECT PURCHASE	481	9,561	0	0	0	0	9,561
COMP-LAND ROW DRILLING	482	0	3,750	0	0	0	3,750
COMP-LAND ROW COMPLETION	483	0	3,750	0	0	0	3,750
COMP-LAND SURVEY & DAMAGES DRILL	484	0	8,125	0	0	0	8,125
COMP-LAND SURVEY AND DAMAGES COMP	485	0	8,125	0	0	0	8,125
COMP-PERMIT FEE/ENV SURV&ASSESS	486	0	4,375	0	0	0	4,375
COMP-REGULATORY	487	0	12,155	0	0	0	12,155
COMP-COMPLETIONS SAND \$0.043 24,650,000 @	497	0	0	1,059,950	0	0	1,059,950
TOTAL INTANGIBLES		\$1,930,608	\$48,280	\$3,923,250	\$0	\$212,600	\$6,114,738

	UOM	QTY	SIZE	GRADE	RATE						
SURFACE CASING					102	35,298	0	0	0	35,298	
INTERMEDIATE CASING					103	155,755	0	0	0	155,755	
PRODUCTION CASING					104	562,213	0	0	0	562,213	
WELLHEAD EQUIPMENT					107	48,842	0	87,000	0	135,842	
COMP-FAC-FLOW LINES					109	0	0	0	79,000	79,000	
COMP-FAC-VALVES & FITTINGS					110	0	0	0	20,000	20,000	
COMP-VALVES & FITTINGS					110	0	0	1,000	0	7,500	
COMP-FAC-HEATERS,TREATRS,SEPRS					115	0	0	0	131,000	131,000	
COMP-FAC-METERING EQUIPMENT					118	0	0	0	25,000	25,000	
COMP-FAC-CONSTRUCTION COST					122	0	0	0	70,000	70,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA					124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC EQUIP					128	0	0	0	5,000	5,000	
CONTINGENCIES					151	47,284	0	0	0	47,284	
COMP-FAC-TRANSPORTATION					415	0	0	0	3,000	3,000	
COMP-FAC-EQUIP RNTL/FAC CONSTR					417	0	0	0	2,000	2,000	
COMP-FAC-ENVIRONMENTAL & SAFETY					421	0	0	0	1,500	1,500	
COMP-FAC-SUPERVISION FAC INSTL					424	0	0	0	1,000	1,000	
COMP-FAC-ELECTRICAL LABOR					471	0	0	0	4,000	4,000	
TOTAL TANGIBLES						\$849,392	\$0	\$88,000	\$342,500	\$6,500	\$1,286,392
TOTAL COST						\$2,780,000	\$48,280	\$4,011,250	\$342,500	\$219,100	\$7,401,130

By	Date	By	Date
JOINT OPERATOR APPROVAL			

Firm:	By	Title	Date
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Vaca 24 Fed Com Chronology of Communication
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Party	Date	Reason
Ellipsis Oil and Gas Inc.	8/25/2025	Sent out original proposals and timing
Ellipsis Oil and Gas Inc.	8/29/2025	Received signed JOA and elections
NHPP Permian, LLC	8/25/2025	Sent out original proposals and timing
NHPP Permian, LLC	9/10/2025	Received signed JOA and elections
FR Energy, LLC	8/25/2025	Sent out original proposals and timing
FR Energy, LLC	9/10/2025	Received signed JOA and elections
Chevron Midcontinent, L.P.	8/25/2025	Sent out original proposals and timing
Chevron Midcontinent, L.P.	9/4/2025	Received signed JOA and elections
Sydhan, L.P.	8/25/2025	Sent out original proposals and timing
Sydhan, L.P.	8/29/2025	Received signed JOA and elections
Judith A. West, aka Judy Reynolds West	8/29/2025	Sent out original proposals and timing
Judith A. West, aka Judy Reynolds West	9/16/2025	Attempted to reach about participating through JOA. Left Voicemail.
Judith A. West, aka Judy Reynolds West	9/22/2025	Attempted to reach about participating through JOA. Left Voicemail.
Judith A. West, aka Judy Reynolds West	9/24/2025	Reached her on the phone. She was too busy to talk.
Judith A. West, aka Judy Reynolds West	9/29/2025	Reached her on the phone. She was too busy to talk.
Judith A. West, aka Judy Reynolds West	10/13/2025	Reached her on the phone. She was too busy to talk.
Judith A. West, aka Judy Reynolds West	10/17/2025	Judith calls me and gets my voicemail. Says she wants to discuss the cost involved on the wells.
Judith A. West, aka Judy Reynolds West	10/20/2025	I attempted to call back twice with no answer and no voicemail option to leave.
Judith A. West, aka Judy Reynolds West	10/21/2025	Attempted to reach about participating through JOA. Left Voicemail with some urgency to come to a decision.
Judith A. West, aka Judy Reynolds West	10/27/2025	Phone discussion for an hour about the proposal and JOA. I broke down all the cost numbers with her and answered any questions she had. Mentioned concerns about the oil prices. She said she needed to sleep on it.
Judith A. West, aka Judy Reynolds West	10/28/2025	Follow up phone call to get a decision. She never gave a direct answer and left it as a maybe. I decided to move forward with compulsory pooling.
Judith A. West, aka Judy Reynolds West	12/11/2025	Re-mailed JOA amendment and elections.
Judith A. West, aka Judy Reynolds West	1/5/2026	Spoke on the phone about reviewing and signing JOA amendment but not participate in the wells. She is still not committed to sign because of the uncertainty of the current times.

Vaca 24 Fed Com Commitment Summary

Owner Name	Ownership Type	Ownership Status	Commitment Type	Notice Provided/Letter & Publication	Exhibit
The Beveridge Company	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Armadillo Prego	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Zia Royalty, LLC	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Fortis Minerals II, LLC	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
A. G. Andrikopoulos Resources, Inc.	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Pegasus Resources, LLC	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
SMP Sidecar Titan Mineral Holdings, LP	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
SMP Titan Mineral Holdings, LP	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
MSH Family Real Estate Partnership II, LLC	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
SMP Titan Flex, LP	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
The James W. and Estelle C. Haefele Revocable Trust	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Heart Five, LLC	ORRI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.1 to C.4
Judith A. West, a/k/a Judy Reynolds West	WI	Uncommitted	N/A	1/12/2026 & 1/16/2026	Exhibit C, C.5

Vaca 24 Fed Com Commitment Summary

Ellipsis Oil & Gas, Inc.	WI	Committed	JOA	N/A: Committed to JOA	
NHPP Permian, LLC	WI	Committed	JOA	N/A: Committed to JOA	
FR Energy, LLC	WI	Committed	JOA	N/A: Committed to JOA	
Chevron Midcontinent, L.P.	WI	Committed	JOA	N/A: Committed to JOA	
Sydhan, LP	WI	Committed	JOA	N/A: Committed to JOA	

James Barwis

[2820 Northtown Pl. Midland, TX 79705] [432-425-1204] [jbarwis@gmail.com]

Education

Bachelors in Professional Land Resource Management (May 2011)
Western State College
GPA: 3.66

Bachelors in Business (May 2006)
Texas Tech University

Certification

Certified Professional Landman (CPL)
Certification Date: 8/1/2022

Employment

EOG Resources, Inc.

March 2022 – Present: Land Specialist

- Manage company leasehold acreage throughout Lea County, NM.
- Provide land advisement and acquire necessary permits and agreements for company operations.
- Negotiate acreage trades, farmouts, carry offers, term assignments and other various land agreements for the company.
- Perform curative work as needed to maintain company leasehold.
- Take necessary actions to protect company leasehold as needed. (Counterproposals, lease maintenance, etc)
- Manage and coordinate team of brokers, title attorneys, surveyors that provide updated title, title opinions and plats.
- Work with royalty owners, working interest owners, ORRI owners, etc during the drilling, completion and production of company wells in my area.
- Review, write and edit all agreements associated with land work.

November 2014 – March 2022 Present: Senior Rep ROW and Lease Operations

- Responsible for all surface related activity for EOG in New Mexico.
- Negotiate and obtain necessary agreements for operations such as surface use agreements, right of way/easement agreements, BLM and SLO permits, county and state road crossing permits/access road entrance permits, leases, SWD contracts and any other agreements related to surface acquisition.
- Coordinate and work with surveyors staking wells, pipeline right of way, SWD locations, off pad facilities and other structures needed by EOG. This applies to BLM onsite well staking too.
- Work with BLM and New Mexico State Land Office personnel on a consistent basis getting APDs, Onsite staking, ROWs, Business Leases, and other miscellaneous agreements in process and approved.
- Attend all drill meetings and actively monitor wells on drill schedule to ensure wells are staked and plats are approved and distributed on time.
- Communicate and work with various divisions in the company to meet surface related needs for their operations.
- Negotiate on behalf of the company for right of way agreements needed on EOG surface by outside company and sources.
- Assist in the process of pipeline right of way bid jobs by providing line list and reviewing, revising, and approving alignment sheets.
- Continuously work with and pay damages to surface owners on all surface disturbance that takes place on

Exhibit A.9

their land due to EOG operations.

Veritas 321 Energy Partners LP

November 2011 – November 2014: Surface Manager/Surface Landman

- Manage a team of landmen and land technicians working on multiple client projects.
- Ensure all tasks are done in a timely manner.
- Review and revise multiple employees agreements related to surface before they are sent for final execution.
- Conduct meetings, telephone conferences and work directly with clients on an assortment of projects.
- Held accountable for deadlines, executing tasks/duties and providing updates on project progress.
- Negotiate and obtain necessary agreements for client operations such as surface use agreements, right of way/easement agreements, BLM and SLO permits, county and state road crossing permits/access road entrance permits, leases, SWD contracts, and any other agreements related to surface acquisition.
- Coordinate with surveyors daily, and meet in the field to coordinate the staking of all surface pad locations and pipelines.
- Work with BLM and GLO on approval for all surface related oil and gas activity (Well locations, pipelines, tank batteries, etc.).
- Manage client's drilling schedule by notifying surface owners of well operations, coordinating with surveyors on well locations and paying surface damages for all surface related damages done by client operations.
- Communicate and work with various divisions in client's company to meet surface related needs for their operations.
- Prepare and provide takeoffs, run lease checks, run title from sovereignty to present, prepare runsheets, update runsheets and determine property that is HBP, etc.
- Negotiate and execute oil and gas leases with mineral owners.

Western Land Services

May 2011 – November 2011: ROW Agent

- Located, contacted, and negotiated right of way agreements with landowners.
- Obtained all right of way that completed a route over twenty miles for pipeline client.

Memberships

Western Association of Petroleum Landmen (Alum)
American Association of Petroleum Landmen
Permian Basin Land Association
International Right of Way Association

References

Provided upon request

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT, AND
COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO

CASE NO. 25760

SELF-AFFIRMED DECLARATION OF HANNAH M. DURKEE

Hannah M. Durkee hereby states and declares as follows:

1. I am over the age of 18, I am a geologist for EOG Resources, Inc. (“EOG”), and have personal knowledge of the matters stated herein.
2. I have not previously testified before the New Mexico Oil Conservation Division (“Division”). My resume is attached as **Exhibit B.5**.
3. I am a geologist with nearly 10 years of professional experience. I have worked at EOG Resources during that time as a petroleum geologist with progressively senior roles throughout my career. I received my Master of Science in Petroleum Geology from the Colorado School of Mines in 2016. I received my Bachelor of Science in Geology and Geophysics with honors, and a minor in Business Administration from the University of Utah in 2013.
4. My area of responsibility at EOG includes the area of Lea County, New Mexico.
5. I am familiar with the application EOG filed in this case.
6. **Exhibit B.1** is a locator map showing the approximate location of the proposed unit.
7. **Exhibit B.2** is structure map of the First Bone Spring. The proposed spacing unit is identified by a red box. The drilling direction of the Vaca wells are identified by red arrows.

The contour interval used this exhibit is 20 feet. **Exhibit B.2** also identifies four wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

8. **Exhibit B.3** is a stratigraphic cross section. The well logs on the cross-section give a representative sample of the First Bone Spring formation in the area. The target zone is identified by a green arrow as the producing interval.

9. **Exhibit B.4** is a gun barrel diagram showing EOG's development plan.

10. I conclude from the maps that:

- a. The horizontal spacing unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter quarter section in the proposed unit will contribute more or less equally to production.

11. The preferred well orientation in this area is North/South. This is because the S_{Hmax} is at approximately N10E.

12. In my opinion, the granting of EOG's application is in the interests of conservation and the prevention of waste.

13. The attachments to my declaration were prepared by me or compiled under my direction or supervision.

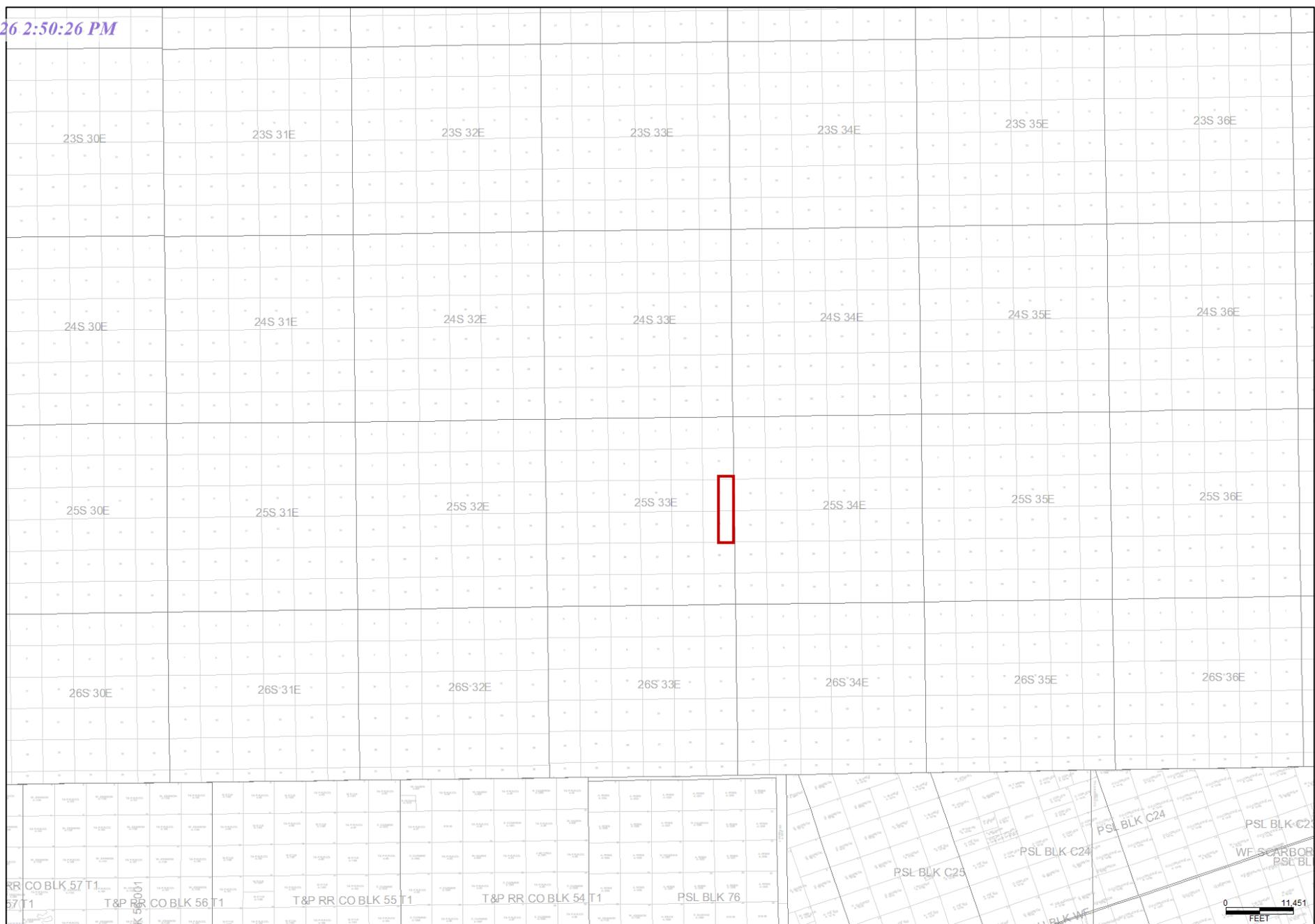
14. Pursuant to Rule 1-011 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.

[Signature page follows]

Dated: January 28, 2026

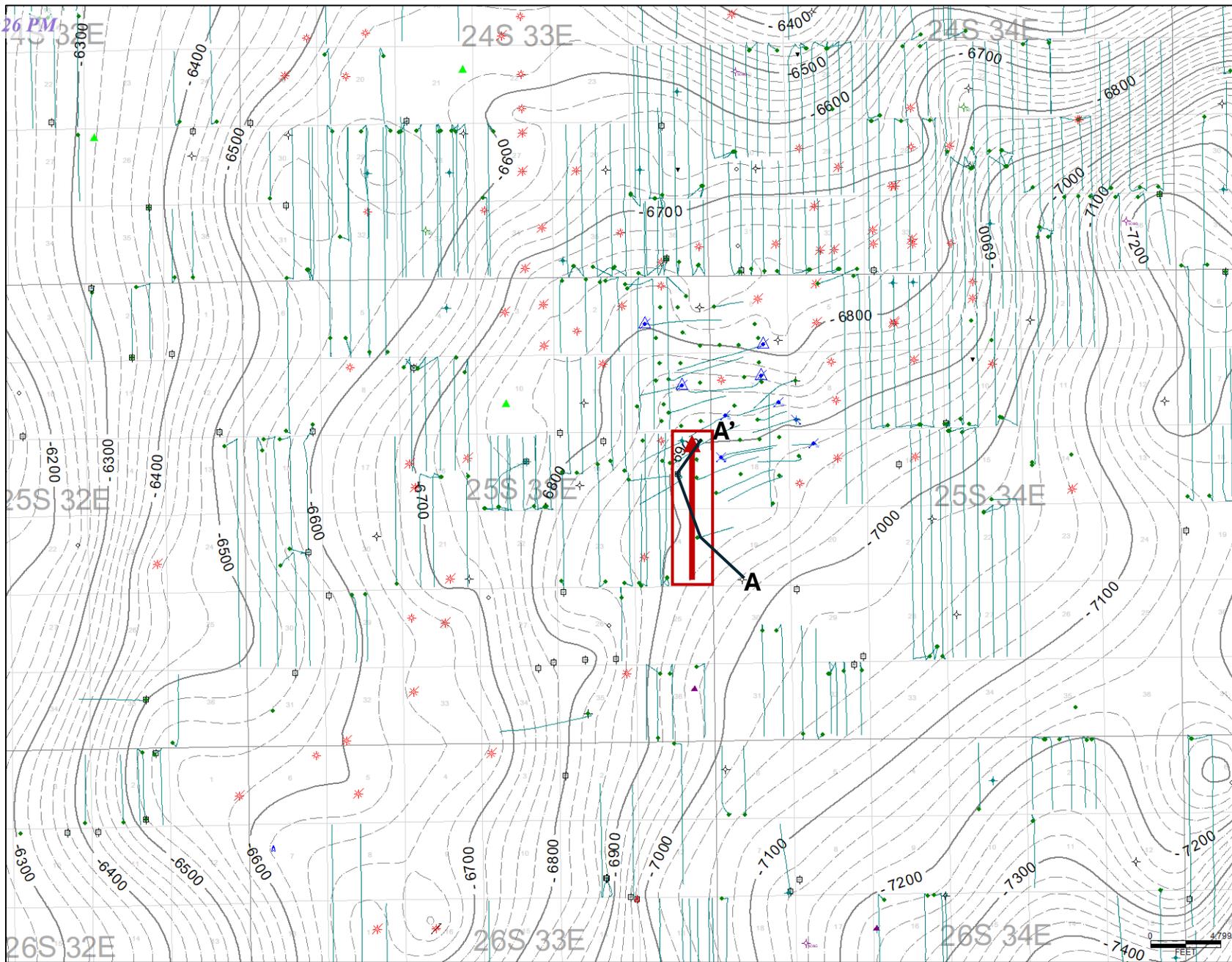
A handwritten signature in black ink, appearing to read "Hannah M. Durkee", written in a cursive style. The signature is positioned above a horizontal line.

Hannah M. Durkee



Shmax
Approx. N10E


LEA COUNTY, NM
TVDSS STRUCTURE TOP FBSG CI = 20' Drilled FBSG Wells
By: Hannah Durkee Geological Specialist



3002533747000
A ETHEL '19' MUR FEDERAL #1Y
EOGR

3002536676700
VACA 24 FEDERAL #1-PILOT
EOGR

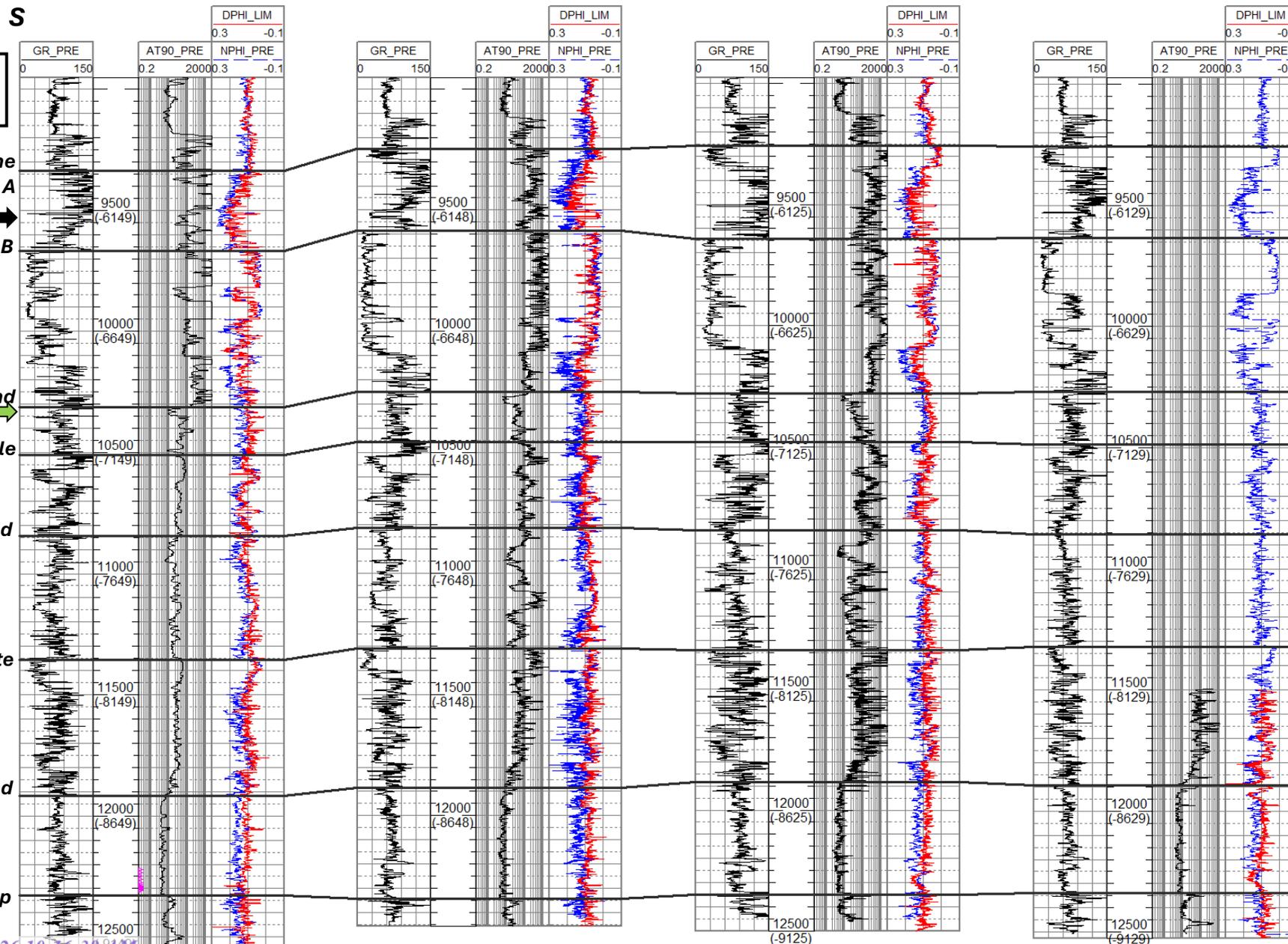
3002535846700
VACA '13' FEDERAL #8
EOGR

3002532183000
RED HILLS NORTH UNIT #303
EOGR

A'
N

First Bone Spring

→ Proven Producing Target Zone



Bone Spring Lime
Leonard A
Drilled →
Leonard B

Bone Spring Lime
Leonard A

← Drilled

Leonard B

First Bone Spring Sand →

← First Bone Spring Sand

Second Bone Spring Shale

Second Bone Spring Shale

Second Bone Spring Sand

Second Bone Spring Sand

Third Bone Spring Carbonate

Third Bone Spring Carbonate

Third Bone Spring Sand

Third Bone Spring Sand

Wolfcamp Top

Wolfcamp Top

Vaca 24 Proposed Development: 19 Wells @ 900' Spacing



Exhibit B.4

Hannah M. Durkee, M.Sc.

P: (720) 818-5220 | E: Hannah_Durkee@egresources.com

Current Work Experience – Geologist at EOG Resources

Geological Specialist | *Midland, TX*

Mar 2025 – Current

Sr. Geologist | *Midland, TX*

Aug 2022 – Mar 2025

- Oversaw development of EOG's top tier assets across the Delaware Basin in New Mexico
- Strategic target selection of complex co-development packages in core EOG Acreage
- Drilled over 100 wells per year since August 2022 in area of responsibility
- Integration with land, reservoir, drilling, completions and production engineers
- Oversaw basin-wide cuttings, core and geomechanics project in EOG's most challenging target
- Regionally extensive mapping in all prospective zones
- Participated in numerous core to log facies characterization projects in multiple target zones
- Assisted in college recruiting efforts to find exceptional G&G candidates
- Mentored new geologists in the division. Provided help with organization, time management and prioritization as a new geologist. Mentor / oversaw stratigraphic framework interpretation & methodology. Liason for social and community engagement.

Sr. Geologist | *Denver, CO*

Jun 2021 – Aug 2022

Geologist II | *Denver, CO*

May 2019 – Jun 2021

- Area lead of Niobrara, Mowry, & Frontier co-development area in Powder River Basin, WY
- Prospect evaluation and stratigraphic exploration of Cretaceous Stratigraphy in the DJ Basin, WY
- DJ Basin lead – organized planning and integration for successful execution of DJ basin wells
- Supervised development of the Codell and Niobrara wells in the Denver-Julesberg Basin Laramie County, WY

Geologist II | *Fort Worth, TX*

Aug 2018 – May 2019

Geologist I | *Fort Worth, TX*

May 2016 – Aug 2018

- Exploration Geologist focused on the Eocene and Cretaceous Strata in the Louisiana Gulf Coast
- Extensively mapped stratigraphy of the Wilcox, Austin Chalk, Tuscaloosa Marine Shale and Sands
- Proposed multiple prospects and wildcat well locations to executive upper management within EOG
- Stratigraphic mapping framework of the Marcellus Formation in the Appalachian Basin, PA & OH
- Integrated Fault Mapping w/ geophysicist to understand impact of faulting on completions
- Oversaw Development Needs for a Handful of Marcellus DUCs in Bradford County, PA
- Planned future wells in the Utica and Marcellus

Intern | *Oklahoma City, OK & Denver, CO*

Summer 2014, 2015

- **May-Aug 2015 – Oklahoma City, OK:** Facies Distribution, Deposition, and Reservoir Quality of Mississippian Sycamore Limestone, Ardmore Basin, Oklahoma
- **Jan-Aug 2014 – Denver, CO:** Prospect evaluation of (at the time) non-producing formation using mudlog shows, geologic core and log data to establish an economic oil play, DJ Basin, WY & CO

Education:

Colorado School of Mines, *Golden, CO*

2014-2016

- **Master of Science (M.S) in Petroleum Geology | GPA 3.92**
 - Thesis: Geomechanical Evaluation and Reservoir Characterization of the Greenhorn Formation, Denver Basin, Colorado
 - Field, Core and Log evaluation methods
 - American Association of Petroleum Geologists –Student Chapter Treasurer, Fall 2015
 - Imperial Barrel Award – Competed at AAPG IBA competition in March, 2015

University of Utah, *Salt Lake City, UT*

2009-2013

- **B.S. Geology and Geophysics with Honors, Minor in Business Administration | GPA 3.82**
 - Journal of Archaeology (Honors Sr. Thesis) Publication: Correlation of volcanic ash layers between the Early Pleistocene Acheulean sites of Isinya, Kariandusi, and Olorgesailie, Kenya

Prior Work Experience:

- Undergraduate Research Opportunities Program, *Salt Lake City, UT* Dec 2012-Dec 2013
- Journal of Archaeology (Honors Sr. Thesis) Publication: Correlation of volcanic ash layers between the Early Pleistocene Acheulean sites of Isinya, Kariandusi, and Olorgesailie, Kenya
 - Used electron microprobe for sample analysis
 - Used Microsoft Excel and Adobe Illustrator to correlate data and create figures
 - 2013 Excellence in Undergraduate Research Award recipient
- University of Utah Summer Conferences- University Guest House, *Salt Lake City, UT* 2010-2014
- Summer conference coordinator, Summer Conference Supervisor – 20 hrs/week
 - Managed staff and prepare meetings, trainings, and documents
 - Negotiated conference arrangements with potential clients
 - Blocked and organized conference bookings in room booking software

Geologic & Technical Skills:

- Kingdom
- Petrel
- Petra
- Geographix suite
- Spotfire
- ArcGIS applications
- Adobe Illustrator
- Internal EOG Applications
- Microsoft Office Suite (Word, Excel, PowerPoint)
- Field Methods and Evaluation

Geologic Field Experience:

- Annual RPS Field & Classroom Courses
- Structure and Salt Tectonics: *Moab, UT*
- Carbonate Geology: *Guadalupe Mtns., TX*
- Turbidite Stratigraphy: *La Jolla, CA*
- Deltas Book Cliffs Stratigraphy: *Green River, UT*
- Modern Carbonates: *Belize*
- Straight Cliffs Stratigraphy: *Escalante, UT*
- Volcanism Field Camp: *Iceland*
- Field Methods Evaluation: *Salt Lake City, UT*
- Paleophysiology & Dig: *Moab, UT*
- Environmental Effects of Mining: *Ecuador*

Related coursework:

- Colorado School of Mines:
 - Applied Stratigraphy
 - Structural methods to seismic interpretation
 - Advanced petroleum geology
 - Unconventional Petroleum Systems
 - Carbonate Reservoirs
 - Sequence Stratigraphy
- University of Utah:
 - Geology, honors, & business core classes
 - Petroleum Industry Career Paths 1A&1B

Memberships and Activities:

- American Association of Petroleum Geologists – Mines Student Chapter Treasurer, Fall 2015
- Imperial Barrel Award – Competed at AAPG IBA competition in March, 2015
- American Association of Petroleum Geologists – U of U Student Chapter Treasurer, Fall 2013
- EarthCube YouTube launch – Abstract presented at GSA conference in October, 2013

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT, AND
COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NOS. 25760, 25761

SELF-AFFIRMED DECLARATION OF DEANA M. BENNETT

Deana M. Bennett, attorney in fact and authorized representative of EOG Resources, Inc., and the Applicant herein, declares as follows:

1) The above-referenced Applications were provided to affected parties under notice letters, dated January 12, 2026, and provided to all working interest owners affected by proposed overlapping spacing unit under letters dated January 12, 2026, attached hereto, and labeled Exhibit C.1.

2) Exhibit C.2 is the certified mailing lists, which show all notice letters were delivered to the USPS for mailing January 12, 2026.

3) Exhibit C.3 is the certified mailing tracking information, which is automatically compiled by CertifiedPro, the software Modrall uses to track the mailings. These spreadsheets show the names and addresses of the parties to whom notice was sent and the status of the mailing.

4) Exhibit C.4 is the Affidavit of Publication from the Hobbs News-Sun, confirming that notice of the February 5, 2026 hearing was published on January 16, 2026.

5) Exhibit C.5 is notice information prepared by Holland & Hart demonstrating that notice of the hearing was also mailed on November 14, 2025 and published on November 18, 2025.

6) I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: January 27, 2026

By: Deana M. Bennett
Deana M. Bennett